

United States Census Figures Back to 1630

United States. Bureau of the Census

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*** START OF THE PROJECT GUTENBERG EBOOK UNITED STATES CENSUS FIGURES BACK TO 1630 ***

A Few Words About These United States Population Statistics.

All figures listed below for years before 1992 are US Census Bureau figures as per the source files. Where there were an assortment of figures for a specific year, we averaged them. 1992 was an estimate. Years after 1992 are our estimates on a predicted growth rate of 1%, as the average growth rate of all the averaged figures from 1972-1992 was exactly 1.00%.

The raw data from which we took these figures is appended as footnote #2. All dates not given are presumed to be July 1, as that is the official date given by the US Census Bureaus, over the years, except where otherwise noted. Dates are for footnoted figures only.

Why and How You Should Use These Tables

Given the rapid inflation that took place sometimes over the past few decades, you might be aware that if a report said a certain monetary figure was up 10% during one decade, it was prudent to check to see if the figures took the inflationary trends into account to tell you the actual value a figure

in one year might represent would actually be less than figures which counted more value in lesser numbers of dollars in the previous decade.

Thus you would be wise to consult a table of Price Indices— such as the file "price10.txt" released in 1993, before your evaluation of such figures is complete.

The same is true of population figures, which are going up a certain amount every year, in a very similar manner to those price index figures, only not quite as fast, in most cases.

What Started This Report

Very recently, there was a report issued on education, which stated something on the order of people in the United States are receiving 10% more of a certain level of education, than they were a decade before.

The years and the exact figures have been altered to protect those responsible from embarrassment.

For example: let us presume the report stated:
Graduation From Grade School was up 5% from 1981 to 1991.

You would think from this report that the average kid had 5% greater chances of getting a Grade School Diploma in 91 than in 81. . .but. . .it turns out that it was just the opposite because the population was 1.097352 times larger in 91, than it had been in 1981. . .which is about 10% larger, thus in a "real education" sense, in the same way the monetary reports are given in "real dollars" or "constant dollars," education was actually moving in just the opposite direction, and thus was DOWN about 5% instead of UP about 5% from 1981 to 1991.

Remember, these were not from years quoted in the report and the figures were not exactly 5% or 10% respectively, nor the diploma referred to was not a Grade School Diploma, but they are pretty close to being exact, in terms of the percentages and years; much closer than you might expect.

Here is a footnote explanation of how to be more exact

To be exact, one would have to do a demographic analysis, of the specific portions of the population of the ages at which such diplomas were conferred, as it would be irrelevant from a realistic point of view to measure the population on whole bases if you were only concerned with people who were of the age to receive Kindergarten Diplomas between 1981 and 1991 — or whatever ages and a whatever kind of diploma. Thus these figures are not as precise as they could be, but still given the trends of population and education, it is obvious that a trend in one is not following the direction of the other. A further look at the US Census figures averaged below will be sufficient to inform you that previous generations that were measured had even greater growth rates than 10%, so that the number of people getting any specific degrees or diplomas in the following decades should have been going up even more.

In the tables below, the first line shows the Base Year: or "The Year In Question" labeled "YEAR: ####" so if you want a chart based on 1980 as the base year, you simply search/find "YEAR: 1980" to find the relevant portions.

Once you have located the table for "YEAR: ####" you can see comparisons of that year to any other year by looking up the year you wish to compare to in the left column.

The SAMPLE comparison is 1991, presented below.

You will note a ten year comparison looks like:

year/1991 1991/year Growth%

1981 0.911285 1.097352 0.9031%

This means a 1991 statistic would have to be shrunk to about 91% of its size to be relevant to a comparable 1981 statistic.

On the other hand, and 1981 statistic would have to be enlarged, this time by about 10% to be useful in comparison to 1991.

1991 is the latest year for which we have "hard statistics" so a copy of that year is presented first for you immediate use, with year back to colonization following, starting with estimates for 2009 when the United States population should reach 300 million.

You may note some fluctuations in these figures, because we used all reports from the major media and almanacs of the periods our researchers could find. If you have access to any figures which do not appear in the footnoted materials, please send them to us for inclusion in the next edition.

We are also working on a database that will NOT show fluctuation patterns of this nature, which will be based on massaged figures presented at later dates by the Census Bureau. These will be an example of the difference between the figure we can expect on an entirely "here-and-now" basis, and those which we would probably not see about today's events until a decade or two have passed.

*****BYEAR = BASE YEAR ***AYEAR = A YEAR IN COMPARISON
TO THE BASE YEAR**

BASE YEAR: 1991

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

year/1991 1991/year Growth%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|----------|
| 1991 | 1.000000 | 1.000000 | 1.2505% | 1990 | 0.987649 | 1.012505 | 0.7224% |
| 1989 | 0.980565 | 1.019820 | 1.1077% | 1988 | 0.969823 | 1.031116 | 0.8834% |
| 1987 | 0.961331 | 1.040225 | 0.5594% | 1986 | 0.955983 | 1.046043 | 1.3056% |
| 1985 | 0.943663 | 1.059701 | 0.7673% | 1984 | 0.936477 | 1.067832 | 0.8149% |
| 1983 | 0.928907 | 1.076534 | 0.9737% | 1982 | 0.919949 | 1.087017 | 0.9508% |
| 1981 | 0.911285 | 1.097352 | 0.9031% | 1980 | 0.903129 | 1.107262 | 2.2701% |
| 1979 | 0.883082 | 1.132398 | 1.0042% | 1978 | 0.874303 | 1.143769 | 0.9896% |
| 1977 | 0.865735 | 1.155088 | 0.9103% | 1976 | 0.857925 | 1.165603 | 0.8394% |
| 1975 | 0.850783 | 1.175387 | 0.9042% | 1974 | 0.843160 | 1.186015 | 1.1568% |
| 1973 | 0.833518 | 1.199735 | 0.9427% | 1972 | 0.825734 | 1.211044 | 0.7426% |
| 1971 | 0.819647 | 1.220038 | 1.4697% | 1970 | 0.807774 | 1.237969 | 0.6968% |
| 1969 | 0.802185 | 1.246596 | 0.8565% | 1968 | 0.795372 | 1.257273 | 1.5090% |
| 1967 | 0.783548 | 1.276246 | 0.9949% | 1966 | 0.775829 | 1.288944 | 1.0575% |
| 1965 | 0.767711 | 1.302574 | 1.1300% | 1964 | 0.759132 | 1.317293 | 1.5537% |
| 1963 | 0.747519 | 1.337759 | 1.4658% | 1962 | 0.736720 | 1.357368 | 1.5364% |
| 1961 | 0.725572 | 1.378224 | 2.1586% | 1960 | 0.710240 | 1.407974 | -1.6655% |
| 1959 | 0.722269 | 1.384525 | 4.3080% | 1958 | 0.692439 | 1.444170 | 2.1130% |
| 1957 | 0.678111 | 1.474685 | 1.9895% | 1956 | 0.664883 | 1.504024 | 2.1231% |
| 1955 | 0.651061 | 1.535955 | 1.4496% | 1954 | 0.641758 | 1.558221 | 2.1573% |
| 1953 | 0.628206 | 1.591836 | 1.2298% | 1952 | 0.620574 | 1.611411 | 1.6814% |
| 1951 | 0.610312 | 1.638505 | 1.6233% | 1950 | 0.600564 | 1.665103 | 1.4265% |
| 1949 | 0.592117 | 1.688856 | 1.7790% | 1948 | 0.581767 | 1.718901 | 1.8242% |
| 1947 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.571345 | 1.750257 | -2.6320% | 1946 | 0.586789 | 1.704189 | 3.1768% | 1945 |
| 0.568722 | 1.758328 | 6.4754% | 1944 | 0.534135 | 1.872187 | -0.3437% | 1943 |
| 0.535977 | 1.865753 | 0.6562% | 1942 | 0.532482 | 1.877996 | 0.6633% | 1941 |
| 0.528974 | 1.890453 | -5.6614% | 1940 | 0.560718 | 1.783427 | 8.0381% | 1939 |
| 0.519001 | 1.926780 | 0.8126% | 1938 | 0.514817 | 1.942438 | 0.7762% | 1937 |
| 0.510852 | 1.957516 | 0.6029% | 1936 | 0.507790 | 1.969317 | 0.5244% | 1935 |
| 0.505141 | 1.979644 | -3.0364% | 1934 | 0.520959 | 1.919535 | 4.6271% | 1933 |
| 0.497920 | 2.008354 | 1.3921% | 1932 | 0.491084 | 2.036313 | -0.2051% | 1931 |
| 0.492093 | 2.032137 | 0.8886% | 1930 | 0.487759 | 2.050194 | 1.0126% | 1929 |
| 0.482869 | 2.070954 | 1.1526% | 1928 | 0.477367 | 2.094824 | 1.2160% | 1927 |
| 0.471632 | 2.120297 | 1.4086% | 1926 | 0.465081 | 2.150163 | 1.7667% | 1925 |
| 0.457007 | 2.188150 | 1.4465% | 1924 | 0.450491 | 2.219801 | 1.7700% | 1923 |
| 0.442656 | 2.259091 | 1.6165% | 1922 | 0.435614 | 2.295610 | 1.3736% | 1921 |
| 0.429711 | 2.327144 | 2.3393% | 1920 | 0.419889 | 2.381583 | 1.3140% | 1919 |
| 0.414443 | 2.412877 | 0.7676% | 1918 | 0.411286 | 2.431399 | 0.3870% | 1917 |
| 0.409700 | 2.440808 | 1.3274% | 1916 | 0.404333 | 2.473209 | 1.4083% | 1915 |
| 0.398718 | 2.508038 | 1.4458% | 1914 | 0.393035 | 2.544300 | 1.9424% | 1913 |
| 0.385547 | 2.593720 | 1.9857% | 1912 | 0.378040 | 2.645223 | 1.5634% | 1911 |
| 0.372221 | 2.686578 | 1.8169% | 1910 | 0.365578 | 2.735391 | 1.8781% | 1909 |
| 0.358839 | 2.786763 | 2.0082% | 1908 | 0.351775 | 2.842728 | 1.9603% | 1907 |
| 0.345012 | 2.898453 | 1.8264% | 1906 | 0.338824 | 2.951389 | 1.9357% | 1905 |
| 0.332390 | 3.008518 | 2.0148% | 1904 | 0.325825 | 3.069135 | 2.1335% | 1903 |
| 0.319018 | 3.134616 | 1.8151% | 1902 | 0.313331 | 3.191514 | 1.8943% | 1901 |
| 0.307506 | 3.251972 | 3.0255% | 1900 | 0.298475 | 3.350360 | 0.6278% | 1899 |
| 0.296613 | 3.371395 | 1.7757% | 1898 | 0.291438 | 3.431260 | 1.8078% | 1897 |
| 0.286263 | 3.493288 | 1.8396% | 1896 | 0.281092 | 3.557551 | 1.8755% | 1895 |
| 0.275917 | 3.624274 | 1.9114% | 1894 | 0.270742 | 3.693548 | 1.9486% | 1893 |
| 0.265567 | 3.765522 | 1.9858% | 1892 | 0.260396 | 3.840298 | 2.0276% | 1891 |
| 0.255222 | 3.918165 | 2.6465% | 1890 | 0.248641 | 4.021860 | 1.5328% | 1889 |
| 0.244888 | 4.083507 | 2.0811% | 1888 | 0.239895 | 4.168490 | 2.1599% | 1887 |

| | | | | | | | |
|----------|-----------|---------|------|----------|-----------|----------|------|
| 0.234823 | 4.258524 | 2.2075% | 1886 | 0.229751 | 4.352532 | 2.2592% | 1885 |
| 0.224676 | 4.450863 | 2.3095% | 1884 | 0.219604 | 4.553658 | 2.3641% | 1883 |
| 0.214532 | 4.661312 | 2.4214% | 1882 | 0.209460 | 4.774181 | 2.4815% | 1881 |
| 0.204388 | 4.892651 | 3.7644% | 1880 | 0.196973 | 5.076829 | 0.9432% | 1879 |
| 0.195133 | 5.124715 | 2.1464% | 1878 | 0.191032 | 5.234712 | 2.1913% | 1877 |
| 0.186936 | 5.349420 | 2.2426% | 1876 | 0.182836 | 5.469386 | 2.2941% | 1875 |
| 0.178736 | 5.594857 | 2.3456% | 1874 | 0.174639 | 5.726090 | 2.4043% | 1873 |
| 0.170539 | 5.863763 | 2.4635% | 1872 | 0.166439 | 6.008220 | 2.5258% | 1871 |
| 0.162338 | 6.159974 | 5.9947% | 1870 | 0.153157 | 6.529244 | -1.0968% | 1869 |
| 0.154856 | 6.457632 | 2.1930% | 1868 | 0.151532 | 6.599246 | 2.2394% | 1867 |
| 0.148213 | 6.747030 | 2.2935% | 1866 | 0.144890 | 6.901773 | 2.3445% | 1865 |
| 0.141571 | 7.063584 | 2.4037% | 1864 | 0.138248 | 7.233371 | 2.4599% | 1863 |
| 0.134929 | 7.411303 | 2.5250% | 1862 | 0.131606 | 7.598439 | 2.5872% | 1861 |
| 0.128287 | 7.795030 | 2.9504% | 1860 | 0.124610 | 8.025015 | 2.4012% | 1859 |
| 0.121688 | 8.217714 | 2.7627% | 1858 | 0.118417 | 8.444746 | 2.8412% | 1857 |
| 0.115145 | 8.684678 | 2.9243% | 1856 | 0.111874 | 8.938643 | 3.0161% | 1855 |
| 0.108598 | 9.208245 | 3.1061% | 1854 | 0.105327 | 9.494258 | 3.2056% | 1853 |
| 0.102055 | 9.798609 | 3.3118% | 1852 | 0.098784 | 10.123118 | 3.4252% | 1851 |
| 0.095512 | 10.469858 | 4.0106% | 1850 | 0.091829 | 10.889763 | 2.3254% | 1849 |
| 0.089743 | 11.142990 | 2.7841% | 1848 | 0.087312 | 11.453220 | 2.8590% | 1847 |
| 0.084885 | 11.780669 | 2.9432% | 1846 | 0.082458 | 12.127393 | 3.0324% | 1845 |
| 0.080031 | 12.495144 | 3.1325% | 1844 | 0.077600 | 12.886555 | 3.2284% | 1843 |
| 0.075173 | 13.302580 | 3.3361% | 1842 | 0.072747 | 13.746361 | 3.4512% | 1841 |
| 0.070320 | 14.220775 | 3.8105% | 1840 | 0.067738 | 14.762656 | 2.3861% | 1839 |
| 0.066160 | 15.114901 | 2.5824% | 1838 | 0.064494 | 15.505226 | 2.6573% | 1837 |
| 0.062825 | 15.917251 | 2.7232% | 1836 | 0.061159 | 16.350710 | 2.7994% | 1835 |
| 0.059494 | 16.808438 | 2.8871% | 1834 | 0.057824 | 17.293718 | 2.9657% | 1833 |
| 0.056159 | 17.806595 | 3.0563% | 1832 | 0.054493 | 18.350822 | 3.1604% | 1831 |
| 0.052824 | 18.930786 | 3.4660% | 1830 | 0.051054 | 19.586921 | 2.4653% | 1829 |
| 0.049826 | 20.069797 | 2.6804% | 1828 | 0.048525 | 20.607747 | 10.3427% | 1827 |

| | | | | | | | |
|-------------|------------|------------|-------------|-------------|------------|-------------|------|
| 0.043977 | 22.739134 | -4.2314% | 1826 | 0.045920 | 21.776943 | 2.9150% | 1825 |
| 0.044619 | 22.411749 | 3.0026% | 1824 | 0.043319 | 23.084676 | 3.0955% | 1823 |
| 0.042018 | 23.799264 | 3.1944% | 1822 | 0.040717 | 24.559505 | 3.3102% | 1821 |
| 0.039413 | 25.372472 | 3.2277% | 1820 | 0.038180 | 26.191429 | 2.6573% | 1819 |
| 0.037192 | 26.887408 | 2.6261% | 1818 | 0.036240 | 27.593500 | 2.6969% | 1817 |
| 0.035289 | 28.337678 | 2.7717% | 1816 | 0.034337 | 29.123109 | 2.8507% | 1815 |
| 0.033385 | 29.953320 | 2.9343% | 1814 | 0.032434 | 30.832253 | 3.0231% | 1813 |
| 0.031482 | 31.764328 | 3.1039% | 1812 | 0.030534 | 32.750260 | 3.2172% | 1811 |
| 0.029582 | 33.803887 | 3.0969% | 1810 | 0.028694 | 34.850765 | 2.9144% | 1809 |
| 0.027881 | 35.866449 | 2.8225% | 1808 | 0.027116 | 36.878766 | 2.9199% | 1807 |
| 0.026347 | 37.955599 | 2.9918% | 1806 | 0.025581 | 39.091149 | 3.0841% | 1805 |
| 0.024816 | 40.296740 | 3.1822% | 1804 | 0.024051 | 41.579060 | 3.2868% | 1803 |
| 0.023285 | 42.945674 | 3.3985% | 1802 | 0.022520 | 44.405177 | 3.5180% | 1801 |
| 0.021755 | 45.967371 | 3.3999% | 1800 | 0.021039 | 47.530238 | 2.8419% | 1799 |
| 0.020458 | 48.880985 | 2.7485% | 1798 | 0.019911 | 50.224457 | 2.8261% | 1797 |
| 0.019363 | 51.643866 | 3.7832% | 1796 | 0.018658 | 53.597662 | 2.1272% | 1795 |
| 0.018269 | 54.737790 | 3.0879% | 1794 | 0.017722 | 56.428060 | 3.1625% | 1793 |
| 0.017178 | 58.212604 | 3.2904% | 1792 | 0.016631 | 60.128040 | 3.4024% | 1791 |
| 0.016084 | 62.173817 | 3.2296% | 1790 | 0.015581 | 64.181759 | 41.3145% | 1780 |
| 0.011026 | 90.698101 | 29.4353% | 1770 | 0.008518 | 117.395373 | 83.4728% | 1750 |
| 0.004643 | 215.388623 | 29.2845% | 1740 | 0.003591 | 278.464002 | 94.2514% | |
| 1720 | 0.001849 | 540.920206 | 85.8111% | 1700 | 0.000995 | 1005.089677 | |
| 19.2490% | 1690 | 0.000834 | 1198.559886 | 88.0250% | 1670 | 0.000444 | |
| 2253.592493 | 122.0238% | 1650 | 0.000200 | 5003.511905 | | | |

YEAR: 1990

BASE YEAR: 2009

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.000000 | 1.000000 | 8.2857% | 2001 | 0.923483 | 1.082857 | 1.0000% |
| 2000 | 0.914340 | 1.093685 | 1.0000% | 1999 | 0.905287 | 1.104622 | 1.0000% |
| 1998 | 0.896324 | 1.115668 | 1.0000% | 1997 | 0.887449 | 1.126825 | 1.0000% |
| 1996 | 0.878663 | 1.138093 | 1.0000% | 1995 | 0.869963 | 1.149475 | 1.0000% |
| 1994 | 0.861356 | 1.160960 | 1.0008% | 1993 | 0.852821 | 1.172579 | 1.0000% |
| 1992 | 0.844377 | 1.184304 | 0.9295% | 1991 | 0.836601 | 1.195313 | 1.2505% |
| 1990 | 0.826269 | 1.210260 | 0.7224% | 1989 | 0.820342 | 1.219004 | 1.1077% |
| 1988 | 0.811355 | 1.232506 | 0.8834% | 1987 | 0.804250 | 1.243394 | 0.5594% |
| 1986 | 0.799777 | 1.250349 | 1.3056% | 1985 | 0.789469 | 1.266674 | 0.7673% |
| 1984 | 0.783458 | 1.276393 | 0.8149% | 1983 | 0.777125 | 1.286795 | 0.9737% |
| 1982 | 0.769631 | 1.299325 | 0.9508% | 1981 | 0.762382 | 1.311679 | 0.9031% |
| 1980 | 0.755559 | 1.323524 | 2.2701% | 1979 | 0.738788 | 1.353569 | 1.0042% |
| 1978 | 0.731443 | 1.367161 | 0.9896% | 1977 | 0.724275 | 1.380691 | 0.9103% |
| 1976 | 0.717741 | 1.393260 | 0.8394% | 1975 | 0.711766 | 1.404955 | 0.9042% |
| 1974 | 0.705388 | 1.417659 | 1.1568% | 1973 | 0.697322 | 1.434058 | 0.9427% |
| 1972 | 0.690810 | 1.447577 | 0.7426% | 1971 | 0.685717 | 1.458327 | 1.4697% |
| 1970 | 0.675785 | 1.479761 | 0.6968% | 1969 | 0.671109 | 1.490072 | 0.8565% |
| 1968 | 0.665409 | 1.502835 | 1.5090% | 1967 | 0.655517 | 1.525513 | 0.9949% |
| 1966 | 0.649060 | 1.540691 | 1.0575% | 1965 | 0.642268 | 1.556983 | 1.1300% |
| 1964 | 0.635091 | 1.574577 | 1.5537% | 1963 | 0.625375 | 1.599041 | 1.4658% |
| 1962 | 0.616341 | 1.622480 | 1.5364% | 1961 | 0.607014 | 1.647408 | 2.1586% |
| 1960 | 0.594188 | 1.682970 | -1.6655% | 1959 | 0.604252 | 1.654940 | 4.3080% |
| 1958 | 0.579296 | 1.726235 | 2.1130% | 1957 | 0.567309 | 1.762709 | 1.9895% |
| 1956 | 0.556242 | 1.797778 | 2.1231% | 1955 | 0.544678 | 1.835947 | 1.4496% |
| 1954 | 0.536895 | 1.862561 | 2.1573% | 1953 | 0.525558 | 1.902741 | 1.2298% |
| 1952 | 0.519173 | 1.926140 | 1.6814% | 1951 | 0.510588 | 1.958526 | 1.6233% |
| 1950 | 0.502432 | 1.990318 | 1.4265% | 1949 | 0.495366 | 2.018711 | 1.7790% |
| 1948 | 0.486707 | 2.054624 | 1.8242% | 1947 | 0.477988 | 2.092104 | -2.6320% |
| 1946 | 0.490909 | 2.037039 | 3.1768% | 1945 | 0.475794 | 2.101752 | 6.4754% |
| 1944 | 0.446858 | 2.237849 | -0.3437% | 1943 | 0.448399 | 2.230158 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.445475 | 2.244793 | 0.6633% | 1941 | 0.442540 | 2.259683 | -5.6614% | 1940 |
| 0.469098 | 2.131752 | 8.0381% | 1939 | 0.434196 | 2.303105 | 0.8126% | 1938 |
| 0.430697 | 2.321821 | 0.7762% | 1937 | 0.427379 | 2.339844 | 0.6029% | 1936 |
| 0.424818 | 2.353950 | 0.5244% | 1935 | 0.422602 | 2.366294 | -3.0364% | 1934 |
| 0.435835 | 2.294444 | 4.6271% | 1933 | 0.416561 | 2.400611 | 1.3921% | 1932 |
| 0.410841 | 2.434031 | -0.2051% | 1931 | 0.411685 | 2.429039 | 0.8886% | 1930 |
| 0.408059 | 2.450623 | 1.0126% | 1929 | 0.403969 | 2.475438 | 1.1526% | 1928 |
| 0.399366 | 2.503969 | 1.2160% | 1927 | 0.394568 | 2.534418 | 1.4086% | 1926 |
| 0.389087 | 2.570117 | 1.7667% | 1925 | 0.382333 | 2.615523 | 1.4465% | 1924 |
| 0.376881 | 2.653357 | 1.7700% | 1923 | 0.370326 | 2.700320 | 1.6165% | 1922 |
| 0.364435 | 2.743972 | 1.3736% | 1921 | 0.359497 | 2.781664 | 2.3393% | 1920 |
| 0.351280 | 2.846736 | 1.3140% | 1919 | 0.346724 | 2.884142 | 0.7676% | 1918 |
| 0.344082 | 2.906282 | 0.3870% | 1917 | 0.342756 | 2.917529 | 1.3274% | 1916 |
| 0.338266 | 2.956257 | 1.4083% | 1915 | 0.333568 | 2.997890 | 1.4458% | 1914 |
| 0.328814 | 3.041234 | 1.9424% | 1913 | 0.322549 | 3.100306 | 1.9857% | 1912 |
| 0.316269 | 3.161868 | 1.5634% | 1911 | 0.311400 | 3.211301 | 1.8169% | 1910 |
| 0.305843 | 3.269647 | 1.8781% | 1909 | 0.300205 | 3.331053 | 2.0082% | 1908 |
| 0.294295 | 3.397949 | 1.9603% | 1907 | 0.288637 | 3.464557 | 1.8264% | 1906 |
| 0.283460 | 3.527832 | 1.9357% | 1905 | 0.278078 | 3.596120 | 2.0148% | 1904 |
| 0.272585 | 3.668576 | 2.1335% | 1903 | 0.266891 | 3.746846 | 1.8151% | 1902 |
| 0.262133 | 3.814857 | 1.8943% | 1901 | 0.257260 | 3.887123 | 3.0255% | 1900 |
| 0.249705 | 4.004728 | 0.6278% | 1899 | 0.248147 | 4.029871 | 1.7757% | 1898 |
| 0.243818 | 4.101428 | 1.8078% | 1897 | 0.239488 | 4.175572 | 1.8396% | 1896 |
| 0.235162 | 4.252386 | 1.8755% | 1895 | 0.230833 | 4.332141 | 1.9114% | 1894 |
| 0.226503 | 4.414945 | 1.9486% | 1893 | 0.222174 | 4.500976 | 1.9858% | 1892 |
| 0.217848 | 4.590356 | 2.0276% | 1891 | 0.213519 | 4.683432 | 2.6465% | 1890 |
| 0.208014 | 4.807380 | 1.5328% | 1889 | 0.204873 | 4.881068 | 2.0811% | 1888 |
| 0.200696 | 4.982649 | 2.1599% | 1887 | 0.196453 | 5.090267 | 2.2075% | 1886 |
| 0.192210 | 5.202636 | 2.2592% | 1885 | 0.187964 | 5.320173 | 2.3095% | 1884 |
| 0.183721 | 5.443044 | 2.3641% | 1883 | 0.179478 | 5.571725 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.175235 | 5.706638 | 2.4815% | 1881 | 0.170991 | 5.848247 | 3.7644% | 1880 |
| 0.164788 | 6.068398 | 0.9432% | 1879 | 0.163248 | 6.125637 | 2.1464% | 1878 |
| 0.159818 | 6.257117 | 2.1913% | 1877 | 0.156391 | 6.394229 | 2.2426% | 1876 |
| 0.152961 | 6.537627 | 2.2941% | 1875 | 0.149530 | 6.687603 | 2.3456% | 1874 |
| 0.146103 | 6.844468 | 2.4043% | 1873 | 0.142673 | 7.009030 | 2.4635% | 1872 |
| 0.139243 | 7.181701 | 2.5258% | 1871 | 0.135812 | 7.363094 | 5.9947% | 1870 |
| 0.128131 | 7.804488 | -1.0968% | 1869 | 0.129552 | 7.718889 | 2.1930% | 1868 |
| 0.126772 | 7.888162 | 2.2394% | 1867 | 0.123995 | 8.064810 | 2.2935% | 1866 |
| 0.121215 | 8.249777 | 2.3445% | 1865 | 0.118439 | 8.443191 | 2.4037% | 1864 |
| 0.115659 | 8.646139 | 2.4599% | 1863 | 0.112882 | 8.858824 | 2.5250% | 1862 |
| 0.110102 | 9.082510 | 2.5872% | 1861 | 0.107325 | 9.317497 | 2.9504% | 1860 |
| 0.104249 | 9.592401 | 2.4012% | 1859 | 0.101805 | 9.822738 | 2.7627% | 1858 |
| 0.099068 | 10.094111 | 2.8412% | 1857 | 0.096331 | 10.380905 | 2.9243% | 1856 |
| 0.093594 | 10.684473 | 3.0161% | 1855 | 0.090853 | 11.006732 | 3.1061% | 1854 |
| 0.088117 | 11.348607 | 3.2056% | 1853 | 0.085380 | 11.712401 | 3.3118% | 1852 |
| 0.082643 | 12.100291 | 3.4252% | 1851 | 0.079906 | 12.514753 | 4.0106% | 1850 |
| 0.076825 | 13.016671 | 2.3254% | 1849 | 0.075079 | 13.319356 | 2.7841% | 1848 |
| 0.073045 | 13.690178 | 2.8590% | 1847 | 0.071015 | 14.081582 | 2.9432% | 1846 |
| 0.068984 | 14.496025 | 3.0324% | 1845 | 0.066954 | 14.935603 | 3.1325% | 1844 |
| 0.064920 | 15.403462 | 3.2284% | 1843 | 0.062890 | 15.900741 | 3.3361% | 1842 |
| 0.060860 | 16.431199 | 3.4512% | 1841 | 0.058830 | 16.998272 | 3.8105% | 1840 |
| 0.056670 | 17.645989 | 2.3861% | 1839 | 0.055349 | 18.067031 | 2.5824% | 1838 |
| 0.053956 | 18.533593 | 2.6573% | 1837 | 0.052559 | 19.026090 | 2.7232% | 1836 |
| 0.051166 | 19.544210 | 2.7994% | 1835 | 0.049773 | 20.091338 | 2.8871% | 1834 |
| 0.048376 | 20.671400 | 2.9657% | 1833 | 0.046983 | 21.284448 | 3.0563% | 1832 |
| 0.045589 | 21.934969 | 3.1604% | 1831 | 0.044193 | 22.628207 | 3.4660% | 1830 |
| 0.042712 | 23.412493 | 2.4653% | 1829 | 0.041685 | 23.989682 | 2.6804% | 1828 |
| 0.040596 | 24.632700 | 10.3427% | 1827 | 0.036791 | 27.180374 | -4.2314% | 1826 |
| 0.038417 | 26.030255 | 2.9150% | 1825 | 0.037329 | 26.789046 | 3.0026% | 1824 |
| 0.036241 | 27.593404 | 3.0955% | 1823 | 0.035152 | 28.447560 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.034064 | 29.356286 | 3.3102% | 1821 | 0.032973 | 30.328036 | 3.2277% | 1820 |
| 0.031942 | 31.306946 | 2.6573% | 1819 | 0.031115 | 32.138858 | 2.6261% | 1818 |
| 0.030319 | 32.982859 | 2.6969% | 1817 | 0.029523 | 33.872384 | 2.7717% | 1816 |
| 0.028726 | 34.811219 | 2.8507% | 1815 | 0.027930 | 35.803581 | 2.9343% | 1814 |
| 0.027134 | 36.854181 | 3.0231% | 1813 | 0.026338 | 37.968302 | 3.1039% | 1812 |
| 0.025545 | 39.146799 | 3.2172% | 1811 | 0.024749 | 40.406213 | 3.0969% | 1810 |
| 0.024005 | 41.657559 | 2.9144% | 1809 | 0.023325 | 42.871618 | 2.8225% | 1808 |
| 0.022685 | 44.081654 | 2.9199% | 1807 | 0.022042 | 45.368806 | 2.9918% | 1806 |
| 0.021401 | 46.726143 | 3.0841% | 1805 | 0.020761 | 48.167202 | 3.1822% | 1804 |
| 0.020121 | 49.699975 | 3.2868% | 1803 | 0.019480 | 51.333506 | 3.3985% | 1802 |
| 0.018840 | 53.078068 | 3.5180% | 1801 | 0.018200 | 54.945379 | 3.3999% | 1800 |
| 0.017601 | 56.813493 | 2.8419% | 1799 | 0.017115 | 58.428058 | 2.7485% | 1798 |
| 0.016657 | 60.033927 | 2.8261% | 1797 | 0.016199 | 61.730565 | 3.7832% | 1796 |
| 0.015609 | 64.065962 | 2.1272% | 1795 | 0.015284 | 65.428771 | 3.0879% | 1794 |
| 0.014826 | 67.449172 | 3.1625% | 1793 | 0.014371 | 69.582260 | 3.2904% | 1792 |
| 0.013914 | 71.871805 | 3.4024% | 1791 | 0.013456 | 74.317147 | 3.2296% | 1790 |
| 0.013035 | 76.717267 | 41.3145% | 1780 | 0.009224 | 108.412584 | 29.4353% | 1770 |
| 0.007126 | 140.324170 | 83.4728% | 1750 | 0.003884 | 257.456738 | 29.2845% | 1740 |
| 0.003004 | 332.851534 | 94.2514% | 1720 | 0.001547 | 646.568745 | 85.8111% | 1700 |
| 0.000832 | 1201.396369 | 19.2490% | 1690 | 0.000698 | 1432.653750 | 88.0250% | 1670 |
| 0.000371 | 2693.747534 | | | | | | |

BASE YEAR: 2001

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.082857 | 0.923483 | 8.2857% | 2001 | 1.000000 | 1.000000 | 1.0000% |
| 2000 | 0.990099 | 1.010000 | 1.0000% | 1999 | 0.980296 | 1.020100 | 1.0000% |
| 1998 | 0.970590 | 1.030301 | 1.0000% | 1997 | 0.960980 | 1.040604 | 1.0000% |
| 1996 | 0.951466 | 1.051010 | 1.0000% | 1995 | 0.942045 | 1.061520 | 0.9992% |
| 1994 | 0.932725 | 1.072127 | 1.0008% | 1993 | 0.923483 | 1.082857 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.914340 | 1.093685 | 0.9295% | 1991 | 0.905919 | 1.103851 | 1.2505% | 1990 |
| 0.894730 | 1.117655 | 0.7224% | 1989 | 0.888313 | 1.125730 | 1.1077% | 1988 |
| 0.878581 | 1.138199 | 0.8834% | 1987 | 0.870888 | 1.148253 | 0.5594% | 1986 |
| 0.866044 | 1.154676 | 1.3056% | 1985 | 0.854882 | 1.169752 | 0.7673% | 1984 |
| 0.848373 | 1.178727 | 0.8149% | 1983 | 0.841515 | 1.188333 | 0.9737% | 1982 |
| 0.833399 | 1.199905 | 0.9508% | 1981 | 0.825550 | 1.211314 | 0.9031% | 1980 |
| 0.818162 | 1.222252 | 2.2701% | 1979 | 0.800001 | 1.249998 | 1.0042% | 1978 |
| 0.792047 | 1.262551 | 0.9896% | 1977 | 0.784286 | 1.275045 | 0.9103% | 1976 |
| 0.777211 | 1.286652 | 0.8394% | 1975 | 0.770741 | 1.297453 | 0.9042% | 1974 |
| 0.763835 | 1.309184 | 1.1568% | 1973 | 0.755100 | 1.324328 | 0.9427% | 1972 |
| 0.748048 | 1.336813 | 0.7426% | 1971 | 0.742533 | 1.346741 | 1.4697% | 1970 |
| 0.731778 | 1.366534 | 0.6968% | 1969 | 0.726714 | 1.376056 | 0.8565% | 1968 |
| 0.720543 | 1.387843 | 1.5090% | 1967 | 0.709831 | 1.408786 | 0.9949% | 1966 |
| 0.702838 | 1.422802 | 1.0575% | 1965 | 0.695484 | 1.437848 | 1.1300% | 1964 |
| 0.687713 | 1.454096 | 1.5537% | 1963 | 0.677191 | 1.476687 | 1.4658% | 1962 |
| 0.667408 | 1.498333 | 1.5364% | 1961 | 0.657309 | 1.521354 | 2.1586% | 1960 |
| 0.643420 | 1.554194 | -1.6655% | 1959 | 0.654318 | 1.528309 | 4.3080% | 1958 |
| 0.627294 | 1.594149 | 2.1130% | 1957 | 0.614314 | 1.627833 | 1.9895% | 1956 |
| 0.602330 | 1.660218 | 2.1231% | 1955 | 0.589808 | 1.695466 | 1.4496% | 1954 |
| 0.581380 | 1.720044 | 2.1573% | 1953 | 0.569103 | 1.757150 | 1.2298% | 1952 |
| 0.562190 | 1.778758 | 1.6814% | 1951 | 0.552894 | 1.808666 | 1.6233% | 1950 |
| 0.544062 | 1.838026 | 1.4265% | 1949 | 0.536410 | 1.864246 | 1.7790% | 1948 |
| 0.527034 | 1.897411 | 1.8242% | 1947 | 0.517592 | 1.932023 | -2.6320% | 1946 |
| 0.531584 | 1.881172 | 3.1768% | 1945 | 0.515216 | 1.940933 | 6.4754% | 1944 |
| 0.483883 | 2.066616 | -0.3437% | 1943 | 0.485552 | 2.059514 | 0.6562% | 1942 |
| 0.482386 | 2.073029 | 0.6633% | 1941 | 0.479207 | 2.086779 | -5.6614% | 1940 |
| 0.507966 | 1.968638 | 8.0381% | 1939 | 0.470173 | 2.126879 | 0.8126% | 1938 |
| 0.466383 | 2.144163 | 0.7762% | 1937 | 0.462790 | 2.160807 | 0.6029% | 1936 |
| 0.460017 | 2.173833 | 0.5244% | 1935 | 0.457617 | 2.185233 | -3.0364% | 1934 |
| 0.471947 | 2.118881 | 4.6271% | 1933 | 0.451075 | 2.216924 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.444882 | 2.247787 | -0.2051% | 1931 | 0.445796 | 2.243177 | 0.8886% | 1930 |
| 0.441870 | 2.263110 | 1.0126% | 1929 | 0.437440 | 2.286026 | 1.1526% | 1928 |
| 0.432456 | 2.312374 | 1.2160% | 1927 | 0.427260 | 2.340493 | 1.4086% | 1926 |
| 0.421326 | 2.373460 | 1.7667% | 1925 | 0.414011 | 2.415392 | 1.4465% | 1924 |
| 0.408108 | 2.450331 | 1.7700% | 1923 | 0.401010 | 2.493701 | 1.6165% | 1922 |
| 0.394631 | 2.534012 | 1.3736% | 1921 | 0.389284 | 2.568820 | 2.3393% | 1920 |
| 0.380385 | 2.628913 | 1.3140% | 1919 | 0.375452 | 2.663457 | 0.7676% | 1918 |
| 0.372592 | 2.683903 | 0.3870% | 1917 | 0.371155 | 2.694289 | 1.3274% | 1916 |
| 0.366293 | 2.730054 | 1.4083% | 1915 | 0.361206 | 2.768501 | 1.4458% | 1914 |
| 0.356058 | 2.808529 | 1.9424% | 1913 | 0.349274 | 2.863081 | 1.9857% | 1912 |
| 0.342474 | 2.919932 | 1.5634% | 1911 | 0.337202 | 2.965583 | 1.8169% | 1910 |
| 0.331185 | 3.019465 | 1.8781% | 1909 | 0.325079 | 3.076172 | 2.0082% | 1908 |
| 0.318679 | 3.137949 | 1.9603% | 1907 | 0.312553 | 3.199461 | 1.8264% | 1906 |
| 0.306947 | 3.257894 | 1.9357% | 1905 | 0.301118 | 3.320957 | 2.0148% | 1904 |
| 0.295171 | 3.387868 | 2.1335% | 1903 | 0.289005 | 3.460149 | 1.8151% | 1902 |
| 0.283853 | 3.522956 | 1.8943% | 1901 | 0.278575 | 3.589693 | 3.0255% | 1900 |
| 0.270395 | 3.698300 | 0.6278% | 1899 | 0.268707 | 3.721519 | 1.7757% | 1898 |
| 0.264019 | 3.787600 | 1.8078% | 1897 | 0.259331 | 3.856071 | 1.8396% | 1896 |
| 0.254647 | 3.927007 | 1.8755% | 1895 | 0.249959 | 4.000660 | 1.9114% | 1894 |
| 0.245271 | 4.077128 | 1.9486% | 1893 | 0.240583 | 4.156576 | 1.9858% | 1892 |
| 0.235898 | 4.239118 | 2.0276% | 1891 | 0.231210 | 4.325071 | 2.6465% | 1890 |
| 0.225249 | 4.439535 | 1.5328% | 1889 | 0.221848 | 4.507585 | 2.0811% | 1888 |
| 0.217325 | 4.601393 | 2.1599% | 1887 | 0.212731 | 4.700777 | 2.2075% | 1886 |
| 0.208136 | 4.804548 | 2.2592% | 1885 | 0.203538 | 4.913091 | 2.3095% | 1884 |
| 0.198943 | 5.026561 | 2.3641% | 1883 | 0.194349 | 5.145396 | 2.4214% | 1882 |
| 0.189754 | 5.269985 | 2.4815% | 1881 | 0.185159 | 5.400759 | 3.7644% | 1880 |
| 0.178442 | 5.604065 | 0.9432% | 1879 | 0.176775 | 5.656924 | 2.1464% | 1878 |
| 0.173060 | 5.778343 | 2.1913% | 1877 | 0.169349 | 5.904964 | 2.2426% | 1876 |
| 0.165635 | 6.037389 | 2.2941% | 1875 | 0.161920 | 6.175890 | 2.3456% | 1874 |
| 0.158209 | 6.320752 | 2.4043% | 1873 | 0.154494 | 6.472722 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.150780 | 6.632181 | 2.5258% | 1871 | 0.147065 | 6.799695 | 5.9947% | 1870 |
| 0.138748 | 7.207314 | -1.0968% | 1869 | 0.140287 | 7.128266 | 2.1930% | 1868 |
| 0.137276 | 7.284586 | 2.2394% | 1867 | 0.134269 | 7.447718 | 2.2935% | 1866 |
| 0.131259 | 7.618531 | 2.3445% | 1865 | 0.128252 | 7.797146 | 2.4037% | 1864 |
| 0.125242 | 7.984565 | 2.4599% | 1863 | 0.122235 | 8.180976 | 2.5250% | 1862 |
| 0.119224 | 8.387547 | 2.5872% | 1861 | 0.116218 | 8.604553 | 2.9504% | 1860 |
| 0.112887 | 8.858422 | 2.4012% | 1859 | 0.110240 | 9.071134 | 2.7627% | 1858 |
| 0.107276 | 9.321743 | 2.8412% | 1857 | 0.104312 | 9.586593 | 2.9243% | 1856 |
| 0.101349 | 9.866932 | 3.0161% | 1855 | 0.098381 | 10.164533 | 3.1061% | 1854 |
| 0.095418 | 10.480249 | 3.2056% | 1853 | 0.092454 | 10.816207 | 3.3118% | 1852 |
| 0.089490 | 11.174417 | 3.4252% | 1851 | 0.086526 | 11.557166 | 4.0106% | 1850 |
| 0.083190 | 12.020678 | 2.3254% | 1849 | 0.081299 | 12.300203 | 2.7841% | 1848 |
| 0.079097 | 12.642651 | 2.8590% | 1847 | 0.076899 | 13.004106 | 2.9432% | 1846 |
| 0.074700 | 13.386838 | 3.0324% | 1845 | 0.072502 | 13.792781 | 3.1325% | 1844 |
| 0.070300 | 14.224840 | 3.2284% | 1843 | 0.068101 | 14.684069 | 3.3361% | 1842 |
| 0.065902 | 15.173938 | 3.4512% | 1841 | 0.063704 | 15.697620 | 3.8105% | 1840 |
| 0.061366 | 16.295776 | 2.3861% | 1839 | 0.059936 | 16.684602 | 2.5824% | 1838 |
| 0.058427 | 17.115464 | 2.6573% | 1837 | 0.056914 | 17.570277 | 2.7232% | 1836 |
| 0.055405 | 18.048752 | 2.7994% | 1835 | 0.053897 | 18.554016 | 2.8871% | 1834 |
| 0.052384 | 19.089693 | 2.9657% | 1833 | 0.050875 | 19.655832 | 3.0563% | 1832 |
| 0.049367 | 20.256578 | 3.1604% | 1831 | 0.047854 | 20.896772 | 3.4660% | 1830 |
| 0.046251 | 21.621047 | 2.4653% | 1829 | 0.045138 | 22.154071 | 2.6804% | 1828 |
| 0.043960 | 22.747887 | 10.3427% | 1827 | 0.039840 | 25.100622 | -4.2314% | 1826 |
| 0.041600 | 24.038506 | 2.9150% | 1825 | 0.040422 | 24.739237 | 3.0026% | 1824 |
| 0.039243 | 25.482049 | 3.0955% | 1823 | 0.038065 | 26.270847 | 3.1944% | 1822 |
| 0.036887 | 27.110041 | 3.3102% | 1821 | 0.035705 | 28.007435 | 3.2277% | 1820 |
| 0.034588 | 28.911442 | 2.6573% | 1819 | 0.033693 | 29.679699 | 2.6261% | 1818 |
| 0.032831 | 30.459120 | 2.6969% | 1817 | 0.031969 | 31.280582 | 2.7717% | 1816 |
| 0.031107 | 32.147580 | 2.8507% | 1815 | 0.030244 | 33.064010 | 2.9343% | 1814 |
| 0.029382 | 34.034222 | 3.0231% | 1813 | 0.028520 | 35.063093 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.027661 | 36.151415 | 3.2172% | 1811 | 0.026799 | 37.314464 | 3.0969% | 1810 |
| 0.025994 | 38.470061 | 2.9144% | 1809 | 0.025258 | 39.591224 | 2.8225% | 1808 |
| 0.024565 | 40.708672 | 2.9199% | 1807 | 0.023868 | 41.897336 | 2.9918% | 1806 |
| 0.023175 | 43.150814 | 3.0841% | 1805 | 0.022481 | 44.481607 | 3.1822% | 1804 |
| 0.021788 | 45.897098 | 3.2868% | 1803 | 0.021095 | 47.405637 | 3.3985% | 1802 |
| 0.020401 | 49.016711 | 3.5180% | 1801 | 0.019708 | 50.741141 | 3.3999% | 1800 |
| 0.019060 | 52.466313 | 2.8419% | 1799 | 0.018533 | 53.957336 | 2.7485% | 1798 |
| 0.018037 | 55.440330 | 2.8261% | 1797 | 0.017542 | 57.007147 | 3.7832% | 1796 |
| 0.016902 | 59.163847 | 2.1272% | 1795 | 0.016550 | 60.422379 | 3.0879% | 1794 |
| 0.016054 | 62.288185 | 3.1625% | 1793 | 0.015562 | 64.258056 | 3.2904% | 1792 |
| 0.015067 | 66.372413 | 3.4024% | 1791 | 0.014571 | 68.630646 | 3.2296% | 1790 |
| 0.014115 | 70.847116 | 41.3145% | 1780 | 0.009988 | 100.117213 | 29.4353% | 1770 |
| 0.007717 | 129.587030 | 83.4728% | 1750 | 0.004206 | 237.757003 | 29.2845% | 1740 |
| 0.003253 | 307.382839 | 94.2514% | 1720 | 0.001675 | 597.095450 | 85.8111% | 1700 |
| 0.000901 | 1109.469506 | 19.2490% | 1690 | 0.000756 | 1323.031839 | 88.0250% | 1670 |
| 0.000402 | 2487.630912 | | | | | | |

BASE YEAR: 2000

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.093685 | 0.914340 | 8.2857% | 2001 | 1.010000 | 0.990099 | 1.0000% |
| 2000 | 1.000000 | 1.000000 | 1.0000% | 1999 | 0.990099 | 1.010000 | 1.0000% |
| 1998 | 0.980296 | 1.020100 | 1.0000% | 1997 | 0.970590 | 1.030301 | 1.0000% |
| 1996 | 0.960980 | 1.040604 | 1.0000% | 1995 | 0.951466 | 1.051010 | 0.9992% |
| 1994 | 0.942052 | 1.061512 | 1.0008% | 1993 | 0.932718 | 1.072135 | 1.0000% |
| 1992 | 0.923483 | 1.082857 | 0.9295% | 1991 | 0.914978 | 1.092922 | 1.2505% |
| 1990 | 0.903678 | 1.106589 | 0.7224% | 1989 | 0.897196 | 1.114584 | 1.1077% |
| 1988 | 0.887367 | 1.126930 | 0.8834% | 1987 | 0.879597 | 1.136884 | 0.5594% |
| 1986 | 0.874704 | 1.143244 | 1.3056% | 1985 | 0.863431 | 1.158170 | 0.7673% |
| 1984 | 0.856856 | 1.167057 | 0.8149% | 1983 | 0.849930 | 1.176568 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.841734 | 1.188024 | 0.9508% | 1981 | 0.833806 | 1.199320 | 0.9031% | 1980 |
| 0.826343 | 1.210151 | 2.2701% | 1979 | 0.808001 | 1.237622 | 1.0042% | 1978 |
| 0.799968 | 1.250050 | 0.9896% | 1977 | 0.792129 | 1.262421 | 0.9103% | 1976 |
| 0.784983 | 1.273913 | 0.8394% | 1975 | 0.778448 | 1.284607 | 0.9042% | 1974 |
| 0.771473 | 1.296222 | 1.1568% | 1973 | 0.762651 | 1.311216 | 0.9427% | 1972 |
| 0.755528 | 1.323577 | 0.7426% | 1971 | 0.749959 | 1.333406 | 1.4697% | 1970 |
| 0.739096 | 1.353004 | 0.6968% | 1969 | 0.733982 | 1.362432 | 0.8565% | 1968 |
| 0.727748 | 1.374102 | 1.5090% | 1967 | 0.716929 | 1.394837 | 0.9949% | 1966 |
| 0.709867 | 1.408715 | 1.0575% | 1965 | 0.702439 | 1.423612 | 1.1300% | 1964 |
| 0.694590 | 1.439699 | 1.5537% | 1963 | 0.683963 | 1.462067 | 1.4658% | 1962 |
| 0.674083 | 1.483498 | 1.5364% | 1961 | 0.663882 | 1.506291 | 2.1586% | 1960 |
| 0.649854 | 1.538806 | -1.6655% | 1959 | 0.660861 | 1.513178 | 4.3080% | 1958 |
| 0.633567 | 1.578365 | 2.1130% | 1957 | 0.620457 | 1.611715 | 1.9895% | 1956 |
| 0.608354 | 1.643780 | 2.1231% | 1955 | 0.595706 | 1.678679 | 1.4496% | 1954 |
| 0.587194 | 1.703014 | 2.1573% | 1953 | 0.574795 | 1.739752 | 1.2298% | 1952 |
| 0.567812 | 1.761147 | 1.6814% | 1951 | 0.558423 | 1.790758 | 1.6233% | 1950 |
| 0.549503 | 1.819827 | 1.4265% | 1949 | 0.541774 | 1.845788 | 1.7790% | 1948 |
| 0.532304 | 1.878625 | 1.8242% | 1947 | 0.522768 | 1.912894 | -2.6320% | 1946 |
| 0.536900 | 1.862546 | 3.1768% | 1945 | 0.520368 | 1.921715 | 6.4754% | 1944 |
| 0.488722 | 2.046154 | -0.3437% | 1943 | 0.490407 | 2.039122 | 0.6562% | 1942 |
| 0.487210 | 2.052503 | 0.6633% | 1941 | 0.484000 | 2.066118 | -5.6614% | 1940 |
| 0.513045 | 1.949146 | 8.0381% | 1939 | 0.474874 | 2.105820 | 0.8126% | 1938 |
| 0.471046 | 2.122933 | 0.7762% | 1937 | 0.467418 | 2.139412 | 0.6029% | 1936 |
| 0.464617 | 2.152310 | 0.5244% | 1935 | 0.462193 | 2.163597 | -3.0364% | 1934 |
| 0.476667 | 2.097902 | 4.6271% | 1933 | 0.455586 | 2.194974 | 1.3921% | 1932 |
| 0.449331 | 2.225531 | -0.2051% | 1931 | 0.450254 | 2.220967 | 0.8886% | 1930 |
| 0.446289 | 2.240702 | 1.0126% | 1929 | 0.441815 | 2.263391 | 1.1526% | 1928 |
| 0.436781 | 2.289479 | 1.2160% | 1927 | 0.431533 | 2.317319 | 1.4086% | 1926 |
| 0.425539 | 2.349960 | 1.7667% | 1925 | 0.418152 | 2.391477 | 1.4465% | 1924 |
| 0.412189 | 2.426070 | 1.7700% | 1923 | 0.405021 | 2.469010 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.398577 | 2.508922 | 1.3736% | 1921 | 0.393177 | 2.543386 | 2.3393% | 1920 |
| 0.384189 | 2.602884 | 1.3140% | 1919 | 0.379206 | 2.637086 | 0.7676% | 1918 |
| 0.376318 | 2.657329 | 0.3870% | 1917 | 0.374867 | 2.667613 | 1.3274% | 1916 |
| 0.369956 | 2.703024 | 1.4083% | 1915 | 0.364818 | 2.741090 | 1.4458% | 1914 |
| 0.359619 | 2.780721 | 1.9424% | 1913 | 0.352767 | 2.834733 | 1.9857% | 1912 |
| 0.345898 | 2.891022 | 1.5634% | 1911 | 0.340574 | 2.936220 | 1.8169% | 1910 |
| 0.334496 | 2.989569 | 1.8781% | 1909 | 0.328330 | 3.045715 | 2.0082% | 1908 |
| 0.321866 | 3.106880 | 1.9603% | 1907 | 0.315678 | 3.167783 | 1.8264% | 1906 |
| 0.310016 | 3.225638 | 1.9357% | 1905 | 0.304129 | 3.288075 | 2.0148% | 1904 |
| 0.298123 | 3.354325 | 2.1335% | 1903 | 0.291895 | 3.425890 | 1.8151% | 1902 |
| 0.286691 | 3.488075 | 1.8943% | 1901 | 0.281361 | 3.554152 | 3.0255% | 1900 |
| 0.273099 | 3.661682 | 0.6278% | 1899 | 0.271395 | 3.684672 | 1.7757% | 1898 |
| 0.266660 | 3.750099 | 1.8078% | 1897 | 0.261925 | 3.817892 | 1.8396% | 1896 |
| 0.257193 | 3.888125 | 1.8755% | 1895 | 0.252458 | 3.961049 | 1.9114% | 1894 |
| 0.247723 | 4.036760 | 1.9486% | 1893 | 0.242988 | 4.115421 | 1.9858% | 1892 |
| 0.238257 | 4.197146 | 2.0276% | 1891 | 0.233522 | 4.282248 | 2.6465% | 1890 |
| 0.227501 | 4.395579 | 1.5328% | 1889 | 0.224067 | 4.462955 | 2.0811% | 1888 |
| 0.219499 | 4.555835 | 2.1599% | 1887 | 0.214858 | 4.654234 | 2.2075% | 1886 |
| 0.210218 | 4.756978 | 2.2592% | 1885 | 0.205573 | 4.864446 | 2.3095% | 1884 |
| 0.200933 | 4.976792 | 2.3641% | 1883 | 0.196292 | 5.094450 | 2.4214% | 1882 |
| 0.191651 | 5.217807 | 2.4815% | 1881 | 0.187011 | 5.347285 | 3.7644% | 1880 |
| 0.180226 | 5.548578 | 0.9432% | 1879 | 0.178542 | 5.600914 | 2.1464% | 1878 |
| 0.174791 | 5.721131 | 2.1913% | 1877 | 0.171043 | 5.846498 | 2.2426% | 1876 |
| 0.167291 | 5.977612 | 2.2941% | 1875 | 0.163539 | 6.114742 | 2.3456% | 1874 |
| 0.159791 | 6.258169 | 2.4043% | 1873 | 0.156039 | 6.408635 | 2.4635% | 1872 |
| 0.152288 | 6.566515 | 2.5258% | 1871 | 0.148536 | 6.732370 | 5.9947% | 1870 |
| 0.140135 | 7.135954 | -1.0968% | 1869 | 0.141689 | 7.057688 | 2.1930% | 1868 |
| 0.138649 | 7.212461 | 2.2394% | 1867 | 0.135612 | 7.373977 | 2.2935% | 1866 |
| 0.132571 | 7.543100 | 2.3445% | 1865 | 0.129535 | 7.719945 | 2.4037% | 1864 |
| 0.126494 | 7.905509 | 2.4599% | 1863 | 0.123457 | 8.099976 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.120417 | 8.304501 | 2.5872% | 1861 | 0.117380 | 8.519359 | 2.9504% | 1860 |
| 0.114016 | 8.770714 | 2.4012% | 1859 | 0.111342 | 8.981320 | 2.7627% | 1858 |
| 0.108349 | 9.229448 | 2.8412% | 1857 | 0.105355 | 9.491675 | 2.9243% | 1856 |
| 0.102362 | 9.769239 | 3.0161% | 1855 | 0.099365 | 10.063893 | 3.1061% | 1854 |
| 0.096372 | 10.376483 | 3.2056% | 1853 | 0.093378 | 10.709115 | 3.3118% | 1852 |
| 0.090385 | 11.063778 | 3.4252% | 1851 | 0.087392 | 11.442737 | 4.0106% | 1850 |
| 0.084022 | 11.901660 | 2.3254% | 1849 | 0.082112 | 12.178418 | 2.7841% | 1848 |
| 0.079888 | 12.517475 | 2.8590% | 1847 | 0.077668 | 12.875351 | 2.9432% | 1846 |
| 0.075447 | 13.254293 | 3.0324% | 1845 | 0.073227 | 13.656217 | 3.1325% | 1844 |
| 0.071003 | 14.083999 | 3.2284% | 1843 | 0.068782 | 14.538681 | 3.3361% | 1842 |
| 0.066562 | 15.023700 | 3.4512% | 1841 | 0.064341 | 15.542197 | 3.8105% | 1840 |
| 0.061979 | 16.134430 | 2.3861% | 1839 | 0.060535 | 16.519406 | 2.5824% | 1838 |
| 0.059011 | 16.946002 | 2.6573% | 1837 | 0.057483 | 17.396312 | 2.7232% | 1836 |
| 0.055960 | 17.870049 | 2.7994% | 1835 | 0.054436 | 18.370311 | 2.8871% | 1834 |
| 0.052908 | 18.900684 | 2.9657% | 1833 | 0.051384 | 19.461218 | 3.0563% | 1832 |
| 0.049860 | 20.056016 | 3.1604% | 1831 | 0.048333 | 20.689871 | 3.4660% | 1830 |
| 0.046714 | 21.406975 | 2.4653% | 1829 | 0.045590 | 21.934721 | 2.6804% | 1828 |
| 0.044400 | 22.522658 | 10.3427% | 1827 | 0.040238 | 24.852098 | -4.2314% | 1826 |
| 0.042016 | 23.800498 | 2.9150% | 1825 | 0.040826 | 24.494292 | 3.0026% | 1824 |
| 0.039636 | 25.229748 | 3.0955% | 1823 | 0.038446 | 26.010737 | 3.1944% | 1822 |
| 0.037256 | 26.841622 | 3.3102% | 1821 | 0.036062 | 27.730131 | 3.2277% | 1820 |
| 0.034934 | 28.625187 | 2.6573% | 1819 | 0.034030 | 29.385838 | 2.6261% | 1818 |
| 0.033159 | 30.157542 | 2.6969% | 1817 | 0.032288 | 30.970870 | 2.7717% | 1816 |
| 0.031418 | 31.829284 | 2.8507% | 1815 | 0.030547 | 32.736640 | 2.9343% | 1814 |
| 0.029676 | 33.697246 | 3.0231% | 1813 | 0.028805 | 34.715930 | 3.1039% | 1812 |
| 0.027938 | 35.793477 | 3.2172% | 1811 | 0.027067 | 36.945010 | 3.0969% | 1810 |
| 0.026254 | 38.089165 | 2.9144% | 1809 | 0.025511 | 39.199228 | 2.8225% | 1808 |
| 0.024810 | 40.305612 | 2.9199% | 1807 | 0.024107 | 41.482506 | 2.9918% | 1806 |
| 0.023406 | 42.723573 | 3.0841% | 1805 | 0.022706 | 44.041191 | 3.1822% | 1804 |
| 0.022006 | 45.442666 | 3.2868% | 1803 | 0.021305 | 46.936269 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.020605 | 48.531391 | 3.5180% | 1801 | 0.019905 | 50.238748 | 3.3999% | 1800 |
| 0.019250 | 51.946839 | 2.8419% | 1799 | 0.018718 | 53.423100 | 2.7485% | 1798 |
| 0.018218 | 54.891410 | 2.8261% | 1797 | 0.017717 | 56.442714 | 3.7832% | 1796 |
| 0.017071 | 58.578060 | 2.1272% | 1795 | 0.016716 | 59.824131 | 3.0879% | 1794 |
| 0.016215 | 61.671464 | 3.1625% | 1793 | 0.015718 | 63.621831 | 3.2904% | 1792 |
| 0.015217 | 65.715253 | 3.4024% | 1791 | 0.014716 | 67.951127 | 3.2296% | 1790 |
| 0.014256 | 70.145652 | 41.3145% | 1780 | 0.010088 | 99.125943 | 29.4353% | 1770 |
| 0.007794 | 128.303977 | 83.4728% | 1750 | 0.004248 | 235.402948 | 29.2845% | 1740 |
| 0.003286 | 304.339413 | 94.2514% | 1720 | 0.001692 | 591.183552 | 85.8111% | 1700 |
| 0.000910 | 1098.484544 | 19.2490% | 1690 | 0.000763 | 1309.932376 | 88.0250% | 1670 |
| 0.000406 | 2463.000643 | | | | | | |

BASE YEAR: 1999

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.104622 | 0.905287 | 8.2857% | 2001 | 1.020100 | 0.980296 | 1.0000% |
| 2000 | 1.010000 | 0.990099 | 1.0000% | 1999 | 1.000000 | 1.000000 | 1.0000% |
| 1998 | 0.990099 | 1.010000 | 1.0000% | 1997 | 0.980296 | 1.020100 | 1.0000% |
| 1996 | 0.970590 | 1.030301 | 1.0000% | 1995 | 0.960980 | 1.040604 | 0.9992% |
| 1994 | 0.951473 | 1.051002 | 1.0008% | 1993 | 0.942045 | 1.061520 | 1.0000% |
| 1992 | 0.932718 | 1.072135 | 0.9295% | 1991 | 0.924128 | 1.082101 | 1.2505% |
| 1990 | 0.912715 | 1.095633 | 0.7224% | 1989 | 0.906168 | 1.103548 | 1.1077% |
| 1988 | 0.896241 | 1.115772 | 0.8834% | 1987 | 0.888393 | 1.125628 | 0.5594% |
| 1986 | 0.883451 | 1.131924 | 1.3056% | 1985 | 0.872065 | 1.146703 | 0.7673% |
| 1984 | 0.865425 | 1.155502 | 0.8149% | 1983 | 0.858429 | 1.164918 | 0.9737% |
| 1982 | 0.850151 | 1.176262 | 0.9508% | 1981 | 0.842144 | 1.187446 | 0.9031% |
| 1980 | 0.834607 | 1.198169 | 2.2701% | 1979 | 0.816081 | 1.225368 | 1.0042% |
| 1978 | 0.807968 | 1.237673 | 0.9896% | 1977 | 0.800050 | 1.249921 | 0.9103% |
| 1976 | 0.792833 | 1.261300 | 0.8394% | 1975 | 0.786233 | 1.271888 | 0.9042% |
| 1974 | 0.779188 | 1.283388 | 1.1568% | 1973 | 0.770277 | 1.298234 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.763084 | 1.310472 | 0.7426% | 1971 | 0.757458 | 1.320204 | 1.4697% | 1970 |
| 0.746487 | 1.339608 | 0.6968% | 1969 | 0.741321 | 1.348943 | 0.8565% | 1968 |
| 0.735026 | 1.360497 | 1.5090% | 1967 | 0.724099 | 1.381027 | 0.9949% | 1966 |
| 0.716966 | 1.394767 | 1.0575% | 1965 | 0.709463 | 1.409516 | 1.1300% | 1964 |
| 0.701536 | 1.425444 | 1.5537% | 1963 | 0.690803 | 1.447591 | 1.4658% | 1962 |
| 0.680823 | 1.468810 | 1.5364% | 1961 | 0.670521 | 1.491377 | 2.1586% | 1960 |
| 0.656353 | 1.523570 | -1.6655% | 1959 | 0.667470 | 1.498196 | 4.3080% | 1958 |
| 0.639903 | 1.562738 | 2.1130% | 1957 | 0.626662 | 1.595758 | 1.9895% | 1956 |
| 0.614437 | 1.627505 | 2.1231% | 1955 | 0.601663 | 1.662059 | 1.4496% | 1954 |
| 0.593066 | 1.686152 | 2.1573% | 1953 | 0.580543 | 1.722527 | 1.2298% | 1952 |
| 0.573490 | 1.743710 | 1.6814% | 1951 | 0.564007 | 1.773028 | 1.6233% | 1950 |
| 0.554998 | 1.801809 | 1.4265% | 1949 | 0.547192 | 1.827512 | 1.7790% | 1948 |
| 0.537627 | 1.860025 | 1.8242% | 1947 | 0.527996 | 1.893954 | -2.6320% | 1946 |
| 0.542269 | 1.844105 | 3.1768% | 1945 | 0.525572 | 1.902688 | 6.4754% | 1944 |
| 0.493609 | 2.025895 | -0.3437% | 1943 | 0.495311 | 2.018933 | 0.6562% | 1942 |
| 0.492082 | 2.032182 | 0.6633% | 1941 | 0.488840 | 2.045661 | -5.6614% | 1940 |
| 0.518176 | 1.929847 | 8.0381% | 1939 | 0.479623 | 2.084971 | 0.8126% | 1938 |
| 0.475757 | 2.101914 | 0.7762% | 1937 | 0.472092 | 2.118230 | 0.6029% | 1936 |
| 0.469263 | 2.131000 | 0.5244% | 1935 | 0.466815 | 2.142175 | -3.0364% | 1934 |
| 0.481433 | 2.077131 | 4.6271% | 1933 | 0.460142 | 2.173242 | 1.3921% | 1932 |
| 0.453824 | 2.203496 | -0.2051% | 1931 | 0.454757 | 2.198977 | 0.8886% | 1930 |
| 0.450752 | 2.218517 | 1.0126% | 1929 | 0.446233 | 2.240982 | 1.1526% | 1928 |
| 0.441148 | 2.266811 | 1.2160% | 1927 | 0.435848 | 2.294375 | 1.4086% | 1926 |
| 0.429794 | 2.326694 | 1.7667% | 1925 | 0.422333 | 2.367799 | 1.4465% | 1924 |
| 0.416311 | 2.402049 | 1.7700% | 1923 | 0.409071 | 2.444565 | 1.6165% | 1922 |
| 0.402563 | 2.484082 | 1.3736% | 1921 | 0.397108 | 2.518204 | 2.3393% | 1920 |
| 0.388031 | 2.577113 | 1.3140% | 1919 | 0.382999 | 2.610976 | 0.7676% | 1918 |
| 0.380081 | 2.631019 | 0.3870% | 1917 | 0.378616 | 2.641201 | 1.3274% | 1916 |
| 0.373656 | 2.676261 | 1.4083% | 1915 | 0.368467 | 2.713951 | 1.4458% | 1914 |
| 0.363215 | 2.753189 | 1.9424% | 1913 | 0.356295 | 2.806667 | 1.9857% | 1912 |

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|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.349357 | 2.862398 | 1.5634% | 1911 | 0.343980 | 2.907149 | 1.8169% | 1910 |
| 0.337841 | 2.959969 | 1.8781% | 1909 | 0.331613 | 3.015559 | 2.0082% | 1908 |
| 0.325085 | 3.076119 | 1.9603% | 1907 | 0.318835 | 3.136419 | 1.8264% | 1906 |
| 0.313116 | 3.193701 | 1.9357% | 1905 | 0.307171 | 3.255520 | 2.0148% | 1904 |
| 0.301104 | 3.321114 | 2.1335% | 1903 | 0.294814 | 3.391970 | 1.8151% | 1902 |
| 0.289558 | 3.453540 | 1.8943% | 1901 | 0.284175 | 3.518962 | 3.0255% | 1900 |
| 0.275829 | 3.625428 | 0.6278% | 1899 | 0.274109 | 3.648190 | 1.7757% | 1898 |
| 0.269326 | 3.712969 | 1.8078% | 1897 | 0.264544 | 3.780091 | 1.8396% | 1896 |
| 0.259765 | 3.849629 | 1.8755% | 1895 | 0.254983 | 3.921830 | 1.9114% | 1894 |
| 0.250201 | 3.996792 | 1.9486% | 1893 | 0.245418 | 4.074675 | 1.9858% | 1892 |
| 0.240640 | 4.155590 | 2.0276% | 1891 | 0.235857 | 4.239850 | 2.6465% | 1890 |
| 0.229776 | 4.352058 | 1.5328% | 1889 | 0.226307 | 4.418767 | 2.0811% | 1888 |
| 0.221694 | 4.510727 | 2.1599% | 1887 | 0.217007 | 4.608152 | 2.2075% | 1886 |
| 0.212320 | 4.709879 | 2.2592% | 1885 | 0.207629 | 4.816283 | 2.3095% | 1884 |
| 0.202942 | 4.927517 | 2.3641% | 1883 | 0.198255 | 5.044010 | 2.4214% | 1882 |
| 0.193568 | 5.166145 | 2.4815% | 1881 | 0.188881 | 5.294342 | 3.7644% | 1880 |
| 0.182029 | 5.493642 | 0.9432% | 1879 | 0.180328 | 5.545459 | 2.1464% | 1878 |
| 0.176539 | 5.664486 | 2.1913% | 1877 | 0.172753 | 5.788612 | 2.2426% | 1876 |
| 0.168964 | 5.918428 | 2.2941% | 1875 | 0.165175 | 6.054200 | 2.3456% | 1874 |
| 0.161389 | 6.196207 | 2.4043% | 1873 | 0.157600 | 6.345184 | 2.4635% | 1872 |
| 0.153811 | 6.501500 | 2.5258% | 1871 | 0.150021 | 6.665713 | 5.9947% | 1870 |
| 0.141537 | 7.065301 | -1.0968% | 1869 | 0.143106 | 6.987810 | 2.1930% | 1868 |
| 0.140035 | 7.141050 | 2.2394% | 1867 | 0.136968 | 7.300968 | 2.2935% | 1866 |
| 0.133897 | 7.468415 | 2.3445% | 1865 | 0.130830 | 7.643510 | 2.4037% | 1864 |
| 0.127759 | 7.827237 | 2.4599% | 1863 | 0.124692 | 8.019778 | 2.5250% | 1862 |
| 0.121621 | 8.222278 | 2.5872% | 1861 | 0.118554 | 8.435009 | 2.9504% | 1860 |
| 0.115156 | 8.683876 | 2.4012% | 1859 | 0.112456 | 8.892396 | 2.7627% | 1858 |
| 0.109432 | 9.138067 | 2.8412% | 1857 | 0.106409 | 9.397698 | 2.9243% | 1856 |
| 0.103386 | 9.672514 | 3.0161% | 1855 | 0.100359 | 9.964250 | 3.1061% | 1854 |
| 0.097335 | 10.273746 | 3.2056% | 1853 | 0.094312 | 10.603084 | 3.3118% | 1852 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.091289 | 10.954236 | 3.4252% | 1851 | 0.088266 | 11.329443 | 4.0106% | 1850 |
| 0.084862 | 11.783822 | 2.3254% | 1849 | 0.082934 | 12.057839 | 2.7841% | 1848 |
| 0.080687 | 12.393540 | 2.8590% | 1847 | 0.078444 | 12.747873 | 2.9432% | 1846 |
| 0.076202 | 13.123063 | 3.0324% | 1845 | 0.073959 | 13.521007 | 3.1325% | 1844 |
| 0.071713 | 13.944553 | 3.2284% | 1843 | 0.069470 | 14.394733 | 3.3361% | 1842 |
| 0.067227 | 14.874950 | 3.4512% | 1841 | 0.064984 | 15.388313 | 3.8105% | 1840 |
| 0.062599 | 15.974683 | 2.3861% | 1839 | 0.061140 | 16.355848 | 2.5824% | 1838 |
| 0.059601 | 16.778220 | 2.6573% | 1837 | 0.058058 | 17.224071 | 2.7232% | 1836 |
| 0.056519 | 17.693118 | 2.7994% | 1835 | 0.054980 | 18.188426 | 2.8871% | 1834 |
| 0.053437 | 18.713548 | 2.9657% | 1833 | 0.051898 | 19.268533 | 3.0563% | 1832 |
| 0.050359 | 19.857442 | 3.1604% | 1831 | 0.048816 | 20.485021 | 3.4660% | 1830 |
| 0.047181 | 21.195025 | 2.4653% | 1829 | 0.046046 | 21.717546 | 2.6804% | 1828 |
| 0.044844 | 22.299662 | 10.3427% | 1827 | 0.040640 | 24.606038 | -4.2314% | 1826 |
| 0.042436 | 23.564850 | 2.9150% | 1825 | 0.041234 | 24.251774 | 3.0026% | 1824 |
| 0.040032 | 24.979949 | 3.0955% | 1823 | 0.038830 | 25.753205 | 3.1944% | 1822 |
| 0.037628 | 26.575863 | 3.3102% | 1821 | 0.036422 | 27.455575 | 3.2277% | 1820 |
| 0.035284 | 28.341770 | 2.6573% | 1819 | 0.034370 | 29.094889 | 2.6261% | 1818 |
| 0.033491 | 29.858952 | 2.6969% | 1817 | 0.032611 | 30.664228 | 2.7717% | 1816 |
| 0.031732 | 31.514143 | 2.8507% | 1815 | 0.030852 | 32.412515 | 2.9343% | 1814 |
| 0.029973 | 33.363609 | 3.0231% | 1813 | 0.029093 | 34.372208 | 3.1039% | 1812 |
| 0.028217 | 35.439086 | 3.2172% | 1811 | 0.027338 | 36.579217 | 3.0969% | 1810 |
| 0.026517 | 37.712045 | 2.9144% | 1809 | 0.025766 | 38.811117 | 2.8225% | 1808 |
| 0.025059 | 39.906546 | 2.9199% | 1807 | 0.024348 | 41.071788 | 2.9918% | 1806 |
| 0.023640 | 42.300568 | 3.0841% | 1805 | 0.022933 | 43.605139 | 3.1822% | 1804 |
| 0.022226 | 44.992739 | 3.2868% | 1803 | 0.021519 | 46.471553 | 3.3985% | 1802 |
| 0.020811 | 48.050883 | 3.5180% | 1801 | 0.020104 | 49.741335 | 3.3999% | 1800 |
| 0.019443 | 51.432514 | 2.8419% | 1799 | 0.018906 | 52.894158 | 2.7485% | 1798 |
| 0.018400 | 54.347931 | 2.8261% | 1797 | 0.017894 | 55.883875 | 3.7832% | 1796 |
| 0.017242 | 57.998079 | 2.1272% | 1795 | 0.016883 | 59.231813 | 3.0879% | 1794 |
| 0.016377 | 61.060855 | 3.1625% | 1793 | 0.015875 | 62.991912 | 3.2904% | 1792 |

0.015369 65.064607 3.4024% 1791 0.014864 67.278344 3.2296% 1790
0.014399 69.451140 41.3145% 1780 0.010189 98.144498 29.4353% 1770
0.007872 127.033640 83.4728% 1750 0.004291 233.072226 29.2845%
1740 0.003319 301.326151 94.2514% 1720 0.001708 585.330249
85.8111% 1700 0.000919 1087.608458 19.2490% 1690 0.000771
1296.962747 88.0250% 1670 0.000410 2438.614495

BASE YEAR: 1998

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.115668 0.896324 8.2857% 2001 1.030301 0.970590 1.0000%
2000 1.020100 0.980296 1.0000% 1999 1.010000 0.990099 1.0000% 1998
1.000000 1.000000 1.0000% 1997 0.990099 1.010000 1.0000% 1996
0.980296 1.020100 1.0000% 1995 0.970590 1.030301 0.9992% 1994
0.960988 1.040596 1.0008% 1993 0.951466 1.051010 1.0000% 1992
0.942045 1.061520 0.9295% 1991 0.933370 1.071387 1.2505% 1990
0.921842 1.084785 0.7224% 1989 0.915230 1.092622 1.1077% 1988
0.905203 1.104725 0.8834% 1987 0.897277 1.114483 0.5594% 1986
0.892286 1.120717 1.3056% 1985 0.880786 1.135350 0.7673% 1984
0.874079 1.144061 0.8149% 1983 0.867014 1.153385 0.9737% 1982
0.858652 1.164616 0.9508% 1981 0.850565 1.175689 0.9031% 1980
0.842953 1.186306 2.2701% 1979 0.824242 1.213236 1.0042% 1978
0.816047 1.225419 0.9896% 1977 0.808051 1.237546 0.9103% 1976
0.800761 1.248812 0.8394% 1975 0.794095 1.259295 0.9042% 1974
0.786980 1.270681 1.1568% 1973 0.777980 1.285380 0.9427% 1972
0.770714 1.297497 0.7426% 1971 0.765033 1.307133 1.4697% 1970
0.753952 1.326344 0.6968% 1969 0.748735 1.335587 0.8565% 1968
0.742376 1.347027 1.5090% 1967 0.731340 1.367354 0.9949% 1966
0.724135 1.380958 1.0575% 1965 0.716558 1.395561 1.1300% 1964
0.708551 1.411331 1.5537% 1963 0.697711 1.433258 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.687632 | 1.454267 | 1.5364% | 1961 | 0.677227 | 1.476611 | 2.1586% | 1960 |
| 0.662917 | 1.508486 | -1.6655% | 1959 | 0.674144 | 1.483362 | 4.3080% | 1958 |
| 0.646302 | 1.547265 | 2.1130% | 1957 | 0.632928 | 1.579958 | 1.9895% | 1956 |
| 0.620582 | 1.611391 | 2.1231% | 1955 | 0.607680 | 1.645603 | 1.4496% | 1954 |
| 0.598997 | 1.669458 | 2.1573% | 1953 | 0.586348 | 1.705472 | 1.2298% | 1952 |
| 0.579225 | 1.726445 | 1.6814% | 1951 | 0.569647 | 1.755473 | 1.6233% | 1950 |
| 0.560548 | 1.783969 | 1.4265% | 1949 | 0.552664 | 1.809418 | 1.7790% | 1948 |
| 0.543004 | 1.841609 | 1.8242% | 1947 | 0.533276 | 1.875202 | -2.6320% | 1946 |
| 0.547691 | 1.825846 | 3.1768% | 1945 | 0.530828 | 1.883850 | 6.4754% | 1944 |
| 0.498545 | 2.005837 | -0.3437% | 1943 | 0.500264 | 1.998943 | 0.6562% | 1942 |
| 0.497003 | 2.012061 | 0.6633% | 1941 | 0.493728 | 2.025407 | -5.6614% | 1940 |
| 0.523357 | 1.910740 | 8.0381% | 1939 | 0.484419 | 2.064327 | 0.8126% | 1938 |
| 0.480514 | 2.081103 | 0.7762% | 1937 | 0.476813 | 2.097257 | 0.6029% | 1936 |
| 0.473956 | 2.109901 | 0.5244% | 1935 | 0.471483 | 2.120965 | -3.0364% | 1934 |
| 0.486248 | 2.056565 | 4.6271% | 1933 | 0.464743 | 2.151725 | 1.3921% | 1932 |
| 0.458363 | 2.181679 | -0.2051% | 1931 | 0.459304 | 2.177205 | 0.8886% | 1930 |
| 0.455259 | 2.196552 | 1.0126% | 1929 | 0.450695 | 2.218794 | 1.1526% | 1928 |
| 0.445560 | 2.244367 | 1.2160% | 1927 | 0.440207 | 2.271659 | 1.4086% | 1926 |
| 0.434092 | 2.303657 | 1.7667% | 1925 | 0.426556 | 2.344355 | 1.4465% | 1924 |
| 0.420474 | 2.378267 | 1.7700% | 1923 | 0.413161 | 2.420361 | 1.6165% | 1922 |
| 0.406589 | 2.459487 | 1.3736% | 1921 | 0.401079 | 2.493271 | 2.3393% | 1920 |
| 0.391911 | 2.551597 | 1.3140% | 1919 | 0.386828 | 2.585125 | 0.7676% | 1918 |
| 0.383882 | 2.604970 | 0.3870% | 1917 | 0.382402 | 2.615050 | 1.3274% | 1916 |
| 0.377392 | 2.649764 | 1.4083% | 1915 | 0.372151 | 2.687080 | 1.4458% | 1914 |
| 0.366847 | 2.725930 | 1.9424% | 1913 | 0.359857 | 2.778878 | 1.9857% | 1912 |
| 0.352851 | 2.834057 | 1.5634% | 1911 | 0.347419 | 2.878365 | 1.8169% | 1910 |
| 0.341220 | 2.930662 | 1.8781% | 1909 | 0.334930 | 2.985702 | 2.0082% | 1908 |
| 0.328336 | 3.045662 | 1.9603% | 1907 | 0.322023 | 3.105365 | 1.8264% | 1906 |
| 0.316248 | 3.162080 | 1.9357% | 1905 | 0.310242 | 3.223287 | 2.0148% | 1904 |
| 0.304115 | 3.288231 | 2.1335% | 1903 | 0.297762 | 3.358387 | 1.8151% | 1902 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.292454 | 3.419346 | 1.8943% | 1901 | 0.287016 | 3.484121 | 3.0255% | 1900 |
| 0.278588 | 3.589533 | 0.6278% | 1899 | 0.276850 | 3.612069 | 1.7757% | 1898 |
| 0.272019 | 3.676207 | 1.8078% | 1897 | 0.267189 | 3.742664 | 1.8396% | 1896 |
| 0.262363 | 3.811514 | 1.8755% | 1895 | 0.257533 | 3.883000 | 1.9114% | 1894 |
| 0.252703 | 3.957220 | 1.9486% | 1893 | 0.247873 | 4.034331 | 1.9858% | 1892 |
| 0.243046 | 4.114445 | 2.0276% | 1891 | 0.238216 | 4.197871 | 2.6465% | 1890 |
| 0.232074 | 4.308968 | 1.5328% | 1889 | 0.228571 | 4.375017 | 2.0811% | 1888 |
| 0.223911 | 4.466067 | 2.1599% | 1887 | 0.219177 | 4.562527 | 2.2075% | 1886 |
| 0.214443 | 4.663246 | 2.2592% | 1885 | 0.209705 | 4.768597 | 2.3095% | 1884 |
| 0.204971 | 4.878730 | 2.3641% | 1883 | 0.200237 | 4.994070 | 2.4214% | 1882 |
| 0.195504 | 5.114995 | 2.4815% | 1881 | 0.190770 | 5.241923 | 3.7644% | 1880 |
| 0.183849 | 5.439249 | 0.9432% | 1879 | 0.182131 | 5.490554 | 2.1464% | 1878 |
| 0.178304 | 5.608402 | 2.1913% | 1877 | 0.174481 | 5.731299 | 2.2426% | 1876 |
| 0.170653 | 5.859830 | 2.2941% | 1875 | 0.166826 | 5.994258 | 2.3456% | 1874 |
| 0.163003 | 6.134859 | 2.4043% | 1873 | 0.159176 | 6.282360 | 2.4635% | 1872 |
| 0.155349 | 6.437129 | 2.5258% | 1871 | 0.151522 | 6.599716 | 5.9947% | 1870 |
| 0.142952 | 6.995347 | -1.0968% | 1869 | 0.144537 | 6.918624 | 2.1930% | 1868 |
| 0.141436 | 7.070347 | 2.2394% | 1867 | 0.138338 | 7.228681 | 2.2935% | 1866 |
| 0.135236 | 7.394471 | 2.3445% | 1865 | 0.132138 | 7.567832 | 2.4037% | 1864 |
| 0.129037 | 7.749740 | 2.4599% | 1863 | 0.125939 | 7.940374 | 2.5250% | 1862 |
| 0.122837 | 8.140869 | 2.5872% | 1861 | 0.119739 | 8.351494 | 2.9504% | 1860 |
| 0.116308 | 8.597897 | 2.4012% | 1859 | 0.113580 | 8.804353 | 2.7627% | 1858 |
| 0.110527 | 9.047591 | 2.8412% | 1857 | 0.107473 | 9.304652 | 2.9243% | 1856 |
| 0.104420 | 9.576746 | 3.0161% | 1855 | 0.101362 | 9.865594 | 3.1061% | 1854 |
| 0.098309 | 10.172026 | 3.2056% | 1853 | 0.095255 | 10.498103 | 3.3118% | 1852 |
| 0.092202 | 10.845778 | 3.4252% | 1851 | 0.089148 | 11.217270 | 4.0106% | 1850 |
| 0.085711 | 11.667151 | 2.3254% | 1849 | 0.083763 | 11.938455 | 2.7841% | 1848 |
| 0.081494 | 12.270832 | 2.8590% | 1847 | 0.079229 | 12.621656 | 2.9432% | 1846 |
| 0.076964 | 12.993131 | 3.0324% | 1845 | 0.074699 | 13.387136 | 3.1325% | 1844 |
| 0.072430 | 13.806488 | 3.2284% | 1843 | 0.070165 | 14.252211 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.067899 | 14.727673 | 3.4512% | 1841 | 0.065634 | 15.235954 | 3.8105% | 1840 |
| 0.063225 | 15.816518 | 2.3861% | 1839 | 0.061752 | 16.193909 | 2.5824% | 1838 |
| 0.060197 | 16.612098 | 2.6573% | 1837 | 0.058639 | 17.053536 | 2.7232% | 1836 |
| 0.057084 | 17.517939 | 2.7994% | 1835 | 0.055530 | 18.008343 | 2.8871% | 1834 |
| 0.053972 | 18.528266 | 2.9657% | 1833 | 0.052417 | 19.077755 | 3.0563% | 1832 |
| 0.050863 | 19.660833 | 3.1604% | 1831 | 0.049304 | 20.282199 | 3.4660% | 1830 |
| 0.047653 | 20.985173 | 2.4653% | 1829 | 0.046506 | 21.502520 | 2.6804% | 1828 |
| 0.045292 | 22.078873 | 10.3427% | 1827 | 0.041047 | 24.362414 | -4.2314% | 1826 |
| 0.042860 | 23.331535 | 2.9150% | 1825 | 0.041646 | 24.011657 | 3.0026% | 1824 |
| 0.040432 | 24.732623 | 3.0955% | 1823 | 0.039218 | 25.498223 | 3.1944% | 1822 |
| 0.038004 | 26.312736 | 3.3102% | 1821 | 0.036787 | 27.183738 | 3.2277% | 1820 |
| 0.035636 | 28.061158 | 2.6573% | 1819 | 0.034714 | 28.806821 | 2.6261% | 1818 |
| 0.033826 | 29.563319 | 2.6969% | 1817 | 0.032937 | 30.360621 | 2.7717% | 1816 |
| 0.032049 | 31.202121 | 2.8507% | 1815 | 0.031161 | 32.091599 | 2.9343% | 1814 |
| 0.030273 | 33.033277 | 3.0231% | 1813 | 0.029384 | 34.031889 | 3.1039% | 1812 |
| 0.028500 | 35.088204 | 3.2172% | 1811 | 0.027611 | 36.217047 | 3.0969% | 1810 |
| 0.026782 | 37.338658 | 2.9144% | 1809 | 0.026023 | 38.426848 | 2.8225% | 1808 |
| 0.025309 | 39.511432 | 2.9199% | 1807 | 0.024591 | 40.665137 | 2.9918% | 1806 |
| 0.023877 | 41.881750 | 3.0841% | 1805 | 0.023162 | 43.173405 | 3.1822% | 1804 |
| 0.022448 | 44.547266 | 3.2868% | 1803 | 0.021734 | 46.011439 | 3.3985% | 1802 |
| 0.021019 | 47.575131 | 3.5180% | 1801 | 0.020305 | 49.248846 | 3.3999% | 1800 |
| 0.019637 | 50.923281 | 2.8419% | 1799 | 0.019095 | 52.370454 | 2.7485% | 1798 |
| 0.018584 | 53.809833 | 2.8261% | 1797 | 0.018073 | 55.330569 | 3.7832% | 1796 |
| 0.017414 | 57.423841 | 2.1272% | 1795 | 0.017052 | 58.645359 | 3.0879% | 1794 |
| 0.016541 | 60.456292 | 3.1625% | 1793 | 0.016034 | 62.368229 | 3.2904% | 1792 |
| 0.015523 | 64.420403 | 3.4024% | 1791 | 0.015012 | 66.612221 | 3.2296% | 1790 |
| 0.014543 | 68.763505 | 41.3145% | 1780 | 0.010291 | 97.172770 | 29.4353% | 1770 |
| 0.007951 | 125.775881 | 83.4728% | 1750 | 0.004333 | 230.764580 | 29.2845% | 1740 |
| 0.003352 | 298.342723 | 94.2514% | 1720 | 0.001726 | 579.534899 | | |

85.8111% 1700 0.000929 1076.840056 19.2490% 1690 0.000779
 1284.121530 88.0250% 1670 0.000414 2414.469794

BASE YEAR: 1997

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 1.126825 | 0.887449 | 8.2857% | 2001 | 1.040604 | 0.960980 | 1.0000% |
| 2000 | 1.030301 | 0.970590 | 1.0000% | 1999 | 1.020100 | 0.980296 | 1.0000% |
| 1998 | 1.010000 | 0.990099 | 1.0000% | 1997 | 1.000000 | 1.000000 | 1.0000% |
| 1996 | 0.990099 | 1.010000 | 1.0000% | 1995 | 0.980296 | 1.020100 | 0.9992% |
| 1994 | 0.970598 | 1.030293 | 1.0008% | 1993 | 0.960980 | 1.040604 | 1.0000% |
| 1992 | 0.951466 | 1.051010 | 0.9295% | 1991 | 0.942703 | 1.060779 | 1.2505% |
| 1990 | 0.931060 | 1.074044 | 0.7224% | 1989 | 0.924382 | 1.081804 | 1.1077% |
| 1988 | 0.914255 | 1.093787 | 0.8834% | 1987 | 0.906250 | 1.103449 | 0.5594% |
| 1986 | 0.901209 | 1.109621 | 1.3056% | 1985 | 0.889594 | 1.124109 | 0.7673% |
| 1984 | 0.882820 | 1.132734 | 0.8149% | 1983 | 0.875684 | 1.141965 | 0.9737% |
| 1982 | 0.867239 | 1.153085 | 0.9508% | 1981 | 0.859071 | 1.164048 | 0.9031% |
| 1980 | 0.851382 | 1.174560 | 2.2701% | 1979 | 0.832484 | 1.201224 | 1.0042% |
| 1978 | 0.824208 | 1.213286 | 0.9896% | 1977 | 0.816131 | 1.225293 | 0.9103% |
| 1976 | 0.808769 | 1.236447 | 0.8394% | 1975 | 0.802036 | 1.246826 | 0.9042% |
| 1974 | 0.794849 | 1.258100 | 1.1568% | 1973 | 0.785760 | 1.272653 | 0.9427% |
| 1972 | 0.778422 | 1.284651 | 0.7426% | 1971 | 0.772683 | 1.294191 | 1.4697% |
| 1970 | 0.761491 | 1.313212 | 0.6968% | 1969 | 0.756222 | 1.322363 | 0.8565% |
| 1968 | 0.749800 | 1.333690 | 1.5090% | 1967 | 0.738653 | 1.353816 | 0.9949% |
| 1966 | 0.731377 | 1.367285 | 1.0575% | 1965 | 0.723723 | 1.381743 | 1.1300% |
| 1964 | 0.715637 | 1.397357 | 1.5537% | 1963 | 0.704688 | 1.419067 | 1.4658% |
| 1962 | 0.694508 | 1.439868 | 1.5364% | 1961 | 0.683999 | 1.461991 | 2.1586% |
| 1960 | 0.669546 | 1.493550 | -1.6655% | 1959 | 0.680886 | 1.468675 | 4.3080% |
| 1958 | 0.652765 | 1.531946 | 2.1130% | 1957 | 0.639257 | 1.564315 | 1.9895% |
| 1956 | 0.626788 | 1.595437 | 2.1231% | 1955 | 0.613757 | 1.629310 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.604987 | 1.652928 | 2.1573% | 1953 | 0.592211 | 1.688586 | 1.2298% | 1952 |
| 0.585017 | 1.709352 | 1.6814% | 1951 | 0.575343 | 1.738092 | 1.6233% | 1950 |
| 0.566153 | 1.766306 | 1.4265% | 1949 | 0.558190 | 1.791503 | 1.7790% | 1948 |
| 0.548434 | 1.823375 | 1.8242% | 1947 | 0.538609 | 1.856636 | -2.6320% | 1946 |
| 0.553168 | 1.807769 | 3.1768% | 1945 | 0.536136 | 1.865198 | 6.4754% | 1944 |
| 0.503530 | 1.985977 | -0.3437% | 1943 | 0.505267 | 1.979152 | 0.6562% | 1942 |
| 0.501973 | 1.992140 | 0.6633% | 1941 | 0.498665 | 2.005353 | -5.6614% | 1940 |
| 0.528591 | 1.891822 | 8.0381% | 1939 | 0.489263 | 2.043889 | 0.8126% | 1938 |
| 0.485320 | 2.060498 | 0.7762% | 1937 | 0.481581 | 2.076492 | 0.6029% | 1936 |
| 0.478695 | 2.089011 | 0.5244% | 1935 | 0.476198 | 2.099966 | -3.0364% | 1934 |
| 0.491110 | 2.036203 | 4.6271% | 1933 | 0.469391 | 2.130421 | 1.3921% | 1932 |
| 0.462946 | 2.160079 | -0.2051% | 1931 | 0.463898 | 2.155649 | 0.8886% | 1930 |
| 0.459812 | 2.174804 | 1.0126% | 1929 | 0.455202 | 2.196825 | 1.1526% | 1928 |
| 0.450015 | 2.222146 | 1.2160% | 1927 | 0.444609 | 2.249167 | 1.4086% | 1926 |
| 0.438433 | 2.280848 | 1.7667% | 1925 | 0.430822 | 2.321144 | 1.4465% | 1924 |
| 0.424679 | 2.354719 | 1.7700% | 1923 | 0.417293 | 2.396397 | 1.6165% | 1922 |
| 0.410655 | 2.435135 | 1.3736% | 1921 | 0.405090 | 2.468586 | 2.3393% | 1920 |
| 0.395831 | 2.526333 | 1.3140% | 1919 | 0.390697 | 2.559530 | 0.7676% | 1918 |
| 0.387720 | 2.579178 | 0.3870% | 1917 | 0.386226 | 2.589159 | 1.3274% | 1916 |
| 0.381166 | 2.623528 | 1.4083% | 1915 | 0.375873 | 2.660475 | 1.4458% | 1914 |
| 0.370516 | 2.698940 | 1.9424% | 1913 | 0.363456 | 2.751364 | 1.9857% | 1912 |
| 0.356380 | 2.805997 | 1.5634% | 1911 | 0.350894 | 2.849866 | 1.8169% | 1910 |
| 0.344632 | 2.901646 | 1.8781% | 1909 | 0.338279 | 2.956141 | 2.0082% | 1908 |
| 0.331619 | 3.015507 | 1.9603% | 1907 | 0.325244 | 3.074619 | 1.8264% | 1906 |
| 0.319410 | 3.130772 | 1.9357% | 1905 | 0.313345 | 3.191374 | 2.0148% | 1904 |
| 0.307156 | 3.255675 | 2.1335% | 1903 | 0.300740 | 3.325135 | 1.8151% | 1902 |
| 0.295378 | 3.385491 | 1.8943% | 1901 | 0.289887 | 3.449624 | 3.0255% | 1900 |
| 0.281374 | 3.553993 | 0.6278% | 1899 | 0.279618 | 3.576306 | 1.7757% | 1898 |
| 0.274740 | 3.639809 | 1.8078% | 1897 | 0.269861 | 3.705608 | 1.8396% | 1896 |
| 0.264987 | 3.773776 | 1.8755% | 1895 | 0.260108 | 3.844555 | 1.9114% | 1894 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.255230 | 3.918039 | 1.9486% | 1893 | 0.250351 | 3.994387 | 1.9858% | 1892 |
| 0.245477 | 4.073708 | 2.0276% | 1891 | 0.240598 | 4.156308 | 2.6465% | 1890 |
| 0.234395 | 4.266305 | 1.5328% | 1889 | 0.230856 | 4.331700 | 2.0811% | 1888 |
| 0.226150 | 4.421848 | 2.1599% | 1887 | 0.221369 | 4.517354 | 2.2075% | 1886 |
| 0.216587 | 4.617076 | 2.2592% | 1885 | 0.211802 | 4.721383 | 2.3095% | 1884 |
| 0.207021 | 4.830425 | 2.3641% | 1883 | 0.202240 | 4.944623 | 2.4214% | 1882 |
| 0.197459 | 5.064352 | 2.4815% | 1881 | 0.192677 | 5.190022 | 3.7644% | 1880 |
| 0.185687 | 5.385395 | 0.9432% | 1879 | 0.183952 | 5.436192 | 2.1464% | 1878 |
| 0.180087 | 5.552874 | 2.1913% | 1877 | 0.176225 | 5.674554 | 2.2426% | 1876 |
| 0.172360 | 5.801812 | 2.2941% | 1875 | 0.168495 | 5.934908 | 2.3456% | 1874 |
| 0.164633 | 6.074117 | 2.4043% | 1873 | 0.160768 | 6.220158 | 2.4635% | 1872 |
| 0.156902 | 6.373395 | 2.5258% | 1871 | 0.153037 | 6.534372 | 5.9947% | 1870 |
| 0.144382 | 6.926087 | -1.0968% | 1869 | 0.145983 | 6.850122 | 2.1930% | 1868 |
| 0.142850 | 7.000344 | 2.2394% | 1867 | 0.139721 | 7.157110 | 2.2935% | 1866 |
| 0.136589 | 7.321258 | 2.3445% | 1865 | 0.133460 | 7.492903 | 2.4037% | 1864 |
| 0.130327 | 7.673009 | 2.4599% | 1863 | 0.127198 | 7.861757 | 2.5250% | 1862 |
| 0.124065 | 8.060267 | 2.5872% | 1861 | 0.120936 | 8.268806 | 2.9504% | 1860 |
| 0.117471 | 8.512769 | 2.4012% | 1859 | 0.114716 | 8.717181 | 2.7627% | 1858 |
| 0.111632 | 8.958011 | 2.8412% | 1857 | 0.108548 | 9.212526 | 2.9243% | 1856 |
| 0.105464 | 9.481927 | 3.0161% | 1855 | 0.102376 | 9.767915 | 3.1061% | 1854 |
| 0.099292 | 10.071312 | 3.2056% | 1853 | 0.096208 | 10.394161 | 3.3118% | 1852 |
| 0.093124 | 10.738394 | 3.4252% | 1851 | 0.090040 | 11.106208 | 4.0106% | 1850 |
| 0.086568 | 11.551634 | 2.3254% | 1849 | 0.084601 | 11.820252 | 2.7841% | 1848 |
| 0.082309 | 12.149338 | 2.8590% | 1847 | 0.080021 | 12.496689 | 2.9432% | 1846 |
| 0.077733 | 12.864486 | 3.0324% | 1845 | 0.075446 | 13.254590 | 3.1325% | 1844 |
| 0.073154 | 13.669790 | 3.2284% | 1843 | 0.070866 | 14.111100 | 3.3361% | 1842 |
| 0.068578 | 14.581855 | 3.4512% | 1841 | 0.066291 | 15.085103 | 3.8105% | 1840 |
| 0.063857 | 15.659919 | 2.3861% | 1839 | 0.062369 | 16.033573 | 2.5824% | 1838 |
| 0.060799 | 16.447622 | 2.6573% | 1837 | 0.059225 | 16.884689 | 2.7232% | 1836 |
| 0.057655 | 17.344494 | 2.7994% | 1835 | 0.056085 | 17.830043 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.054511 | 18.344818 | 2.9657% | 1833 | 0.052941 | 18.888867 | 3.0563% | 1832 |
| 0.051371 | 19.466172 | 3.1604% | 1831 | 0.049797 | 20.081385 | 3.4660% | 1830 |
| 0.048129 | 20.777399 | 2.4653% | 1829 | 0.046971 | 21.289624 | 2.6804% | 1828 |
| 0.045745 | 21.860270 | 10.3427% | 1827 | 0.041457 | 24.121202 | -4.2314% | 1826 |
| 0.043289 | 23.100529 | 2.9150% | 1825 | 0.042063 | 23.773918 | 3.0026% | 1824 |
| 0.040837 | 24.487745 | 3.0955% | 1823 | 0.039611 | 25.245765 | 3.1944% | 1822 |
| 0.038384 | 26.052214 | 3.3102% | 1821 | 0.037155 | 26.914592 | 3.2277% | 1820 |
| 0.035993 | 27.783325 | 2.6573% | 1819 | 0.035061 | 28.521605 | 2.6261% | 1818 |
| 0.034164 | 29.270613 | 2.6969% | 1817 | 0.033267 | 30.060021 | 2.7717% | 1816 |
| 0.032370 | 30.893190 | 2.8507% | 1815 | 0.031472 | 31.773860 | 2.9343% | 1814 |
| 0.030575 | 32.706215 | 3.0231% | 1813 | 0.029678 | 33.694940 | 3.1039% | 1812 |
| 0.028785 | 34.740796 | 3.2172% | 1811 | 0.027887 | 35.858462 | 3.0969% | 1810 |
| 0.027050 | 36.968969 | 2.9144% | 1809 | 0.026284 | 38.046384 | 2.8225% | 1808 |
| 0.025562 | 39.120229 | 2.9199% | 1807 | 0.024837 | 40.262512 | 2.9918% | 1806 |
| 0.024116 | 41.467079 | 3.0841% | 1805 | 0.023394 | 42.745946 | 3.1822% | 1804 |
| 0.022673 | 44.106204 | 3.2868% | 1803 | 0.021951 | 45.555880 | 3.3985% | 1802 |
| 0.021230 | 47.104090 | 3.5180% | 1801 | 0.020508 | 48.761234 | 3.3999% | 1800 |
| 0.019834 | 50.419090 | 2.8419% | 1799 | 0.019286 | 51.851934 | 2.7485% | 1798 |
| 0.018770 | 53.277062 | 2.8261% | 1797 | 0.018254 | 54.782742 | 3.7832% | 1796 |
| 0.017589 | 56.855288 | 2.1272% | 1795 | 0.017222 | 58.064712 | 3.0879% | 1794 |
| 0.016706 | 59.857715 | 3.1625% | 1793 | 0.016194 | 61.750722 | 3.2904% | 1792 |
| 0.015678 | 63.782577 | 3.4024% | 1791 | 0.015162 | 65.952695 | 3.2296% | 1790 |
| 0.014688 | 68.082679 | 41.3145% | 1780 | 0.010394 | 96.210664 | 29.4353% | 1770 |
| 0.008030 | 124.530575 | 83.4728% | 1750 | 0.004377 | 228.479782 | 29.2845% | 1740 |
| 0.003385 | 295.388835 | 94.2514% | 1720 | 0.001743 | 573.796931 | 85.8111% | 1700 |
| 0.000938 | 1066.178274 | 19.2490% | 1690 | 0.000787 | 1271.407457 | 88.0250% | 1670 |
| 0.000418 | 2390.564155 | | | | | | |

BASE YEAR: 1996

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.138093 | 0.878663 | 8.2857% | 2001 | 1.051010 | 0.951466 | 1.0000% |
| 2000 | 1.040604 | 0.960980 | 1.0000% | 1999 | 1.030301 | 0.970590 | 1.0000% |
| 1998 | 1.020100 | 0.980296 | 1.0000% | 1997 | 1.010000 | 0.990099 | 1.0000% |
| 1996 | 1.000000 | 1.000000 | 1.0000% | 1995 | 0.990099 | 1.010000 | 0.9992% |
| 1994 | 0.980304 | 1.020092 | 1.0008% | 1993 | 0.970590 | 1.030301 | 1.0000% |
| 1992 | 0.960980 | 1.040604 | 0.9295% | 1991 | 0.952130 | 1.050276 | 1.2505% |
| 1990 | 0.940371 | 1.063410 | 0.7224% | 1989 | 0.933626 | 1.071093 | 1.1077% |
| 1988 | 0.923398 | 1.082957 | 0.8834% | 1987 | 0.915312 | 1.092524 | 0.5594% |
| 1986 | 0.910221 | 1.098635 | 1.3056% | 1985 | 0.898490 | 1.112979 | 0.7673% |
| 1984 | 0.891648 | 1.121519 | 0.8149% | 1983 | 0.884441 | 1.130658 | 0.9737% |
| 1982 | 0.875911 | 1.141668 | 0.9508% | 1981 | 0.867662 | 1.152523 | 0.9031% |
| 1980 | 0.859896 | 1.162931 | 2.2701% | 1979 | 0.840809 | 1.189330 | 1.0042% |
| 1978 | 0.832450 | 1.201273 | 0.9896% | 1977 | 0.824293 | 1.213161 | 0.9103% |
| 1976 | 0.816857 | 1.224205 | 0.8394% | 1975 | 0.810057 | 1.234482 | 0.9042% |
| 1974 | 0.802798 | 1.245644 | 1.1568% | 1973 | 0.793617 | 1.260053 | 0.9427% |
| 1972 | 0.786206 | 1.271932 | 0.7426% | 1971 | 0.780410 | 1.281377 | 1.4697% |
| 1970 | 0.769106 | 1.300210 | 0.6968% | 1969 | 0.763784 | 1.309270 | 0.8565% |
| 1968 | 0.757298 | 1.320485 | 1.5090% | 1967 | 0.746040 | 1.340411 | 0.9949% |
| 1966 | 0.738690 | 1.353747 | 1.0575% | 1965 | 0.730961 | 1.368063 | 1.1300% |
| 1964 | 0.722793 | 1.383522 | 1.5537% | 1963 | 0.711735 | 1.405017 | 1.4658% |
| 1962 | 0.701453 | 1.425612 | 1.5364% | 1961 | 0.690839 | 1.447516 | 2.1586% |
| 1960 | 0.676241 | 1.478762 | -1.6655% | 1959 | 0.687695 | 1.454134 | 4.3080% |
| 1958 | 0.659292 | 1.516778 | 2.1130% | 1957 | 0.645650 | 1.548827 | 1.9895% |
| 1956 | 0.633055 | 1.579641 | 2.1231% | 1955 | 0.619894 | 1.613178 | 1.4496% |
| 1954 | 0.611037 | 1.636563 | 2.1573% | 1953 | 0.598134 | 1.671867 | 1.2298% |
| 1952 | 0.590867 | 1.692427 | 1.6814% | 1951 | 0.581097 | 1.720883 | 1.6233% |
| 1950 | 0.571815 | 1.748818 | 1.4265% | 1949 | 0.563772 | 1.773766 | 1.7790% |
| 1948 | 0.553918 | 1.805322 | 1.8242% | 1947 | 0.543995 | 1.838254 | -2.6320% |
| 1946 | 0.558700 | 1.789870 | 3.1768% | 1945 | 0.541497 | 1.846731 | 6.4754% |
| 1944 | 0.508566 | 1.966314 | -0.3437% | 1943 | 0.510320 | 1.959556 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.506993 | 1.972415 | 0.6633% | 1941 | 0.503652 | 1.985499 | -5.6614% | 1940 |
| 0.533877 | 1.873091 | 8.0381% | 1939 | 0.494156 | 2.023652 | 0.8126% | 1938 |
| 0.490173 | 2.040097 | 0.7762% | 1937 | 0.486397 | 2.055933 | 0.6029% | 1936 |
| 0.483482 | 2.068328 | 0.5244% | 1935 | 0.480960 | 2.079174 | -3.0364% | 1934 |
| 0.496021 | 2.016043 | 4.6271% | 1933 | 0.474085 | 2.109327 | 1.3921% | 1932 |
| 0.467576 | 2.138692 | -0.2051% | 1931 | 0.468536 | 2.134305 | 0.8886% | 1930 |
| 0.464410 | 2.153271 | 1.0126% | 1929 | 0.459754 | 2.175075 | 1.1526% | 1928 |
| 0.454516 | 2.200144 | 1.2160% | 1927 | 0.449055 | 2.226898 | 1.4086% | 1926 |
| 0.442818 | 2.258266 | 1.7667% | 1925 | 0.435130 | 2.298162 | 1.4465% | 1924 |
| 0.428926 | 2.331405 | 1.7700% | 1923 | 0.421466 | 2.372671 | 1.6165% | 1922 |
| 0.414761 | 2.411025 | 1.3736% | 1921 | 0.409141 | 2.444144 | 2.3393% | 1920 |
| 0.399789 | 2.501320 | 1.3140% | 1919 | 0.394604 | 2.534188 | 0.7676% | 1918 |
| 0.391598 | 2.553641 | 0.3870% | 1917 | 0.390088 | 2.563524 | 1.3274% | 1916 |
| 0.384978 | 2.597553 | 1.4083% | 1915 | 0.379631 | 2.634134 | 1.4458% | 1914 |
| 0.374221 | 2.672218 | 1.9424% | 1913 | 0.367091 | 2.724123 | 1.9857% | 1912 |
| 0.359943 | 2.778215 | 1.5634% | 1911 | 0.354403 | 2.821650 | 1.8169% | 1910 |
| 0.348078 | 2.872917 | 1.8781% | 1909 | 0.341662 | 2.926872 | 2.0082% | 1908 |
| 0.334935 | 2.985651 | 1.9603% | 1907 | 0.328496 | 3.044177 | 1.8264% | 1906 |
| 0.322604 | 3.099774 | 1.9357% | 1905 | 0.316478 | 3.159776 | 2.0148% | 1904 |
| 0.310228 | 3.223440 | 2.1335% | 1903 | 0.303747 | 3.292213 | 1.8151% | 1902 |
| 0.298332 | 3.351972 | 1.8943% | 1901 | 0.292785 | 3.415470 | 3.0255% | 1900 |
| 0.284187 | 3.518805 | 0.6278% | 1899 | 0.282414 | 3.540897 | 1.7757% | 1898 |
| 0.277487 | 3.603771 | 1.8078% | 1897 | 0.272560 | 3.668919 | 1.8396% | 1896 |
| 0.267636 | 3.736412 | 1.8755% | 1895 | 0.262709 | 3.806490 | 1.9114% | 1894 |
| 0.257782 | 3.879247 | 1.9486% | 1893 | 0.252855 | 3.954839 | 1.9858% | 1892 |
| 0.247931 | 4.033375 | 2.0276% | 1891 | 0.243004 | 4.115156 | 2.6465% | 1890 |
| 0.236739 | 4.224065 | 1.5328% | 1889 | 0.233165 | 4.288812 | 2.0811% | 1888 |
| 0.228411 | 4.378068 | 2.1599% | 1887 | 0.223582 | 4.472627 | 2.2075% | 1886 |
| 0.218753 | 4.571362 | 2.2592% | 1885 | 0.213920 | 4.674637 | 2.3095% | 1884 |
| 0.209091 | 4.782599 | 2.3641% | 1883 | 0.204262 | 4.895667 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.199433 | 5.014210 | 2.4815% | 1881 | 0.194604 | 5.138636 | 3.7644% | 1880 |
| 0.187544 | 5.332075 | 0.9432% | 1879 | 0.185792 | 5.382368 | 2.1464% | 1878 |
| 0.181888 | 5.497895 | 2.1913% | 1877 | 0.177988 | 5.618370 | 2.2426% | 1876 |
| 0.174084 | 5.744368 | 2.2941% | 1875 | 0.170180 | 5.876147 | 2.3456% | 1874 |
| 0.166279 | 6.013978 | 2.4043% | 1873 | 0.162375 | 6.158573 | 2.4635% | 1872 |
| 0.158471 | 6.310292 | 2.5258% | 1871 | 0.154567 | 6.469675 | 5.9947% | 1870 |
| 0.145825 | 6.857511 | -1.0968% | 1869 | 0.147443 | 6.782299 | 2.1930% | 1868 |
| 0.144279 | 6.931033 | 2.2394% | 1867 | 0.141118 | 7.086247 | 2.2935% | 1866 |
| 0.137954 | 7.248770 | 2.3445% | 1865 | 0.134794 | 7.418716 | 2.4037% | 1864 |
| 0.131630 | 7.597039 | 2.4599% | 1863 | 0.128470 | 7.783917 | 2.5250% | 1862 |
| 0.125306 | 7.980462 | 2.5872% | 1861 | 0.122146 | 8.186936 | 2.9504% | 1860 |
| 0.118645 | 8.428484 | 2.4012% | 1859 | 0.115863 | 8.630872 | 2.7627% | 1858 |
| 0.112748 | 8.869318 | 2.8412% | 1857 | 0.109633 | 9.121313 | 2.9243% | 1856 |
| 0.106518 | 9.388047 | 3.0161% | 1855 | 0.103400 | 9.671203 | 3.1061% | 1854 |
| 0.100285 | 9.971596 | 3.2056% | 1853 | 0.097170 | 10.291249 | 3.3118% | 1852 |
| 0.094055 | 10.632073 | 3.4252% | 1851 | 0.090940 | 10.996246 | 4.0106% | 1850 |
| 0.087434 | 11.437262 | 2.3254% | 1849 | 0.085447 | 11.703220 | 2.7841% | 1848 |
| 0.083132 | 12.029048 | 2.8590% | 1847 | 0.080821 | 12.372960 | 2.9432% | 1846 |
| 0.078511 | 12.737115 | 3.0324% | 1845 | 0.076200 | 13.123356 | 3.1325% | 1844 |
| 0.073886 | 13.534446 | 3.2284% | 1843 | 0.071575 | 13.971386 | 3.3361% | 1842 |
| 0.069264 | 14.437480 | 3.4512% | 1841 | 0.066953 | 14.935745 | 3.8105% | 1840 |
| 0.064496 | 15.504870 | 2.3861% | 1839 | 0.062993 | 15.874825 | 2.5824% | 1838 |
| 0.061407 | 16.284775 | 2.6573% | 1837 | 0.059818 | 16.717514 | 2.7232% | 1836 |
| 0.058232 | 17.172766 | 2.7994% | 1835 | 0.056646 | 17.653507 | 2.8871% | 1834 |
| 0.055056 | 18.163186 | 2.9657% | 1833 | 0.053471 | 18.701848 | 3.0563% | 1832 |
| 0.051885 | 19.273437 | 3.1604% | 1831 | 0.050295 | 19.882559 | 3.4660% | 1830 |
| 0.048611 | 20.571682 | 2.4653% | 1829 | 0.047441 | 21.078836 | 2.6804% | 1828 |
| 0.046203 | 21.643832 | 10.3427% | 1827 | 0.041872 | 23.882378 | -4.2314% | 1826 |
| 0.043722 | 22.871811 | 2.9150% | 1825 | 0.042484 | 23.538533 | 3.0026% | 1824 |
| 0.041245 | 24.245292 | 3.0955% | 1823 | 0.040007 | 24.995807 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.038768 | 25.794271 | 3.3102% | 1821 | 0.037526 | 26.648111 | 3.2277% | 1820 |
| 0.036353 | 27.508242 | 2.6573% | 1819 | 0.035412 | 28.239212 | 2.6261% | 1818 |
| 0.034506 | 28.980805 | 2.6969% | 1817 | 0.033599 | 29.762397 | 2.7717% | 1816 |
| 0.032693 | 30.587316 | 2.8507% | 1815 | 0.031787 | 31.459267 | 2.9343% | 1814 |
| 0.030881 | 32.382391 | 3.0231% | 1813 | 0.029975 | 33.361327 | 3.1039% | 1812 |
| 0.029072 | 34.396828 | 3.2172% | 1811 | 0.028166 | 35.503428 | 3.0969% | 1810 |
| 0.027320 | 36.602939 | 2.9144% | 1809 | 0.026547 | 37.669688 | 2.8225% | 1808 |
| 0.025818 | 38.732900 | 2.9199% | 1807 | 0.025085 | 39.863873 | 2.9918% | 1806 |
| 0.024357 | 41.056514 | 3.0841% | 1805 | 0.023628 | 42.322719 | 3.1822% | 1804 |
| 0.022899 | 43.669509 | 3.2868% | 1803 | 0.022171 | 45.104832 | 3.3985% | 1802 |
| 0.021442 | 46.637713 | 3.5180% | 1801 | 0.020713 | 48.278449 | 3.3999% | 1800 |
| 0.020032 | 49.919891 | 2.8419% | 1799 | 0.019479 | 51.338549 | 2.7485% | 1798 |
| 0.018958 | 52.749566 | 2.8261% | 1797 | 0.018436 | 54.240339 | 3.7832% | 1796 |
| 0.017764 | 56.292364 | 2.1272% | 1795 | 0.017394 | 57.489814 | 3.0879% | 1794 |
| 0.016873 | 59.265064 | 3.1625% | 1793 | 0.016356 | 61.139329 | 3.2904% | 1792 |
| 0.015835 | 63.151067 | 3.4024% | 1791 | 0.015314 | 65.299697 | 3.2296% | 1790 |
| 0.014835 | 67.408593 | 41.3145% | 1780 | 0.010498 | 95.258083 | 29.4353% | 1770 |
| 0.008110 | 123.297599 | 83.4728% | 1750 | 0.004421 | 226.217606 | 29.2845% | 1740 |
| 0.003419 | 292.464193 | 94.2514% | 1720 | 0.001760 | 568.115772 | 85.8111% | 1700 |
| 0.000947 | 1055.622053 | 19.2490% | 1690 | 0.000794 | 1258.819263 | 88.0250% | 1670 |
| 0.000422 | 2366.895201 | | | | | | |

BASE YEAR: 1995

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.149474 | 0.869963 | 8.2857% | 2001 | 1.061520 | 0.942045 | 1.0000% |
| 2000 | 1.051010 | 0.951466 | 1.0000% | 1999 | 1.040604 | 0.960980 | 1.0000% |
| 1998 | 1.030301 | 0.970590 | 1.0000% | 1997 | 1.020100 | 0.980296 | 1.0000% |
| 1996 | 1.010000 | 0.990099 | 1.0000% | 1995 | 1.000000 | 1.000000 | 0.9992% |
| 1994 | 0.990107 | 1.009992 | 1.0008% | 1993 | 0.980296 | 1.020100 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.970590 | 1.030301 | 0.9295% | 1991 | 0.961652 | 1.039878 | 1.2505% | 1990 |
| 0.949774 | 1.052882 | 0.7224% | 1989 | 0.942962 | 1.060488 | 1.1077% | 1988 |
| 0.932632 | 1.072235 | 0.8834% | 1987 | 0.924465 | 1.081707 | 0.5594% | 1986 |
| 0.919323 | 1.087757 | 1.3056% | 1985 | 0.907475 | 1.101959 | 0.7673% | 1984 |
| 0.900565 | 1.110414 | 0.8149% | 1983 | 0.893285 | 1.119464 | 0.9737% | 1982 |
| 0.884670 | 1.130364 | 0.9508% | 1981 | 0.876338 | 1.141112 | 0.9031% | 1980 |
| 0.868495 | 1.151417 | 2.2701% | 1979 | 0.849217 | 1.177555 | 1.0042% | 1978 |
| 0.840774 | 1.189380 | 0.9896% | 1977 | 0.832536 | 1.201150 | 0.9103% | 1976 |
| 0.825025 | 1.212084 | 0.8394% | 1975 | 0.818157 | 1.222259 | 0.9042% | 1974 |
| 0.810826 | 1.233310 | 1.1568% | 1973 | 0.801554 | 1.247577 | 0.9427% | 1972 |
| 0.794068 | 1.259338 | 0.7426% | 1971 | 0.788214 | 1.268690 | 1.4697% | 1970 |
| 0.776797 | 1.287337 | 0.6968% | 1969 | 0.771422 | 1.296307 | 0.8565% | 1968 |
| 0.764871 | 1.307411 | 1.5090% | 1967 | 0.753500 | 1.327140 | 0.9949% | 1966 |
| 0.746077 | 1.340344 | 1.0575% | 1965 | 0.738270 | 1.354518 | 1.1300% | 1964 |
| 0.730021 | 1.369824 | 1.5537% | 1963 | 0.718852 | 1.391106 | 1.4658% | 1962 |
| 0.708468 | 1.411497 | 1.5364% | 1961 | 0.697747 | 1.433184 | 2.1586% | 1960 |
| 0.683004 | 1.464121 | -1.6655% | 1959 | 0.694572 | 1.439736 | 4.3080% | 1958 |
| 0.665885 | 1.501760 | 2.1130% | 1957 | 0.652106 | 1.533492 | 1.9895% | 1956 |
| 0.639386 | 1.564001 | 2.1231% | 1955 | 0.626093 | 1.597206 | 1.4496% | 1954 |
| 0.617147 | 1.620359 | 2.1573% | 1953 | 0.604115 | 1.655314 | 1.2298% | 1952 |
| 0.596776 | 1.675671 | 1.6814% | 1951 | 0.586908 | 1.703845 | 1.6233% | 1950 |
| 0.577533 | 1.731503 | 1.4265% | 1949 | 0.569410 | 1.756204 | 1.7790% | 1948 |
| 0.559457 | 1.787447 | 1.8242% | 1947 | 0.549435 | 1.820053 | -2.6320% | 1946 |
| 0.564287 | 1.772149 | 3.1768% | 1945 | 0.546912 | 1.828446 | 6.4754% | 1944 |
| 0.513651 | 1.946846 | -0.3437% | 1943 | 0.515423 | 1.940155 | 0.6562% | 1942 |
| 0.512063 | 1.952887 | 0.6633% | 1941 | 0.508688 | 1.965840 | -5.6614% | 1940 |
| 0.539216 | 1.854545 | 8.0381% | 1939 | 0.499098 | 2.003616 | 0.8126% | 1938 |
| 0.495075 | 2.019898 | 0.7762% | 1937 | 0.491261 | 2.035577 | 0.6029% | 1936 |
| 0.488317 | 2.047849 | 0.5244% | 1935 | 0.485770 | 2.058588 | -3.0364% | 1934 |
| 0.500981 | 1.996082 | 4.6271% | 1933 | 0.478826 | 2.088443 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.472251 | 2.117516 | -0.2051% | 1931 | 0.473222 | 2.113174 | 0.8886% | 1930 |
| 0.469054 | 2.131951 | 1.0126% | 1929 | 0.464352 | 2.153539 | 1.1526% | 1928 |
| 0.459061 | 2.178361 | 1.2160% | 1927 | 0.453546 | 2.204850 | 1.4086% | 1926 |
| 0.447246 | 2.235907 | 1.7667% | 1925 | 0.439482 | 2.275408 | 1.4465% | 1924 |
| 0.433215 | 2.308322 | 1.7700% | 1923 | 0.425681 | 2.349179 | 1.6165% | 1922 |
| 0.418909 | 2.387154 | 1.3736% | 1921 | 0.413233 | 2.419945 | 2.3393% | 1920 |
| 0.403787 | 2.476555 | 1.3140% | 1919 | 0.398550 | 2.509097 | 0.7676% | 1918 |
| 0.395514 | 2.528358 | 0.3870% | 1917 | 0.393989 | 2.538142 | 1.3274% | 1916 |
| 0.388828 | 2.571834 | 1.4083% | 1915 | 0.383428 | 2.608053 | 1.4458% | 1914 |
| 0.377963 | 2.645761 | 1.9424% | 1913 | 0.370762 | 2.697151 | 1.9857% | 1912 |
| 0.363543 | 2.750708 | 1.5634% | 1911 | 0.357947 | 2.793713 | 1.8169% | 1910 |
| 0.351559 | 2.844472 | 1.8781% | 1909 | 0.345078 | 2.897893 | 2.0082% | 1908 |
| 0.338285 | 2.956090 | 1.9603% | 1907 | 0.331781 | 3.014037 | 1.8264% | 1906 |
| 0.325830 | 3.069084 | 1.9357% | 1905 | 0.319643 | 3.128491 | 2.0148% | 1904 |
| 0.313330 | 3.191525 | 2.1335% | 1903 | 0.306785 | 3.259617 | 1.8151% | 1902 |
| 0.301315 | 3.318784 | 1.8943% | 1901 | 0.295713 | 3.381653 | 3.0255% | 1900 |
| 0.287029 | 3.483965 | 0.6278% | 1899 | 0.285238 | 3.505839 | 1.7757% | 1898 |
| 0.280262 | 3.568090 | 1.8078% | 1897 | 0.275285 | 3.632593 | 1.8396% | 1896 |
| 0.270313 | 3.699418 | 1.8755% | 1895 | 0.265336 | 3.768802 | 1.9114% | 1894 |
| 0.260360 | 3.840838 | 1.9486% | 1893 | 0.255383 | 3.915682 | 1.9858% | 1892 |
| 0.250411 | 3.993440 | 2.0276% | 1891 | 0.245434 | 4.074412 | 2.6465% | 1890 |
| 0.239106 | 4.182242 | 1.5328% | 1889 | 0.235496 | 4.246348 | 2.0811% | 1888 |
| 0.230695 | 4.334720 | 2.1599% | 1887 | 0.225818 | 4.428344 | 2.2075% | 1886 |
| 0.220941 | 4.526101 | 2.2592% | 1885 | 0.216060 | 4.628353 | 2.3095% | 1884 |
| 0.211182 | 4.735247 | 2.3641% | 1883 | 0.206305 | 4.847195 | 2.4214% | 1882 |
| 0.201428 | 4.964564 | 2.4815% | 1881 | 0.196550 | 5.087758 | 3.7644% | 1880 |
| 0.189420 | 5.279282 | 0.9432% | 1879 | 0.187650 | 5.329077 | 2.1464% | 1878 |
| 0.183707 | 5.443460 | 2.1913% | 1877 | 0.179767 | 5.562742 | 2.2426% | 1876 |
| 0.175824 | 5.687493 | 2.2941% | 1875 | 0.171881 | 5.817967 | 2.3456% | 1874 |
| 0.167942 | 5.954433 | 2.4043% | 1873 | 0.163999 | 6.097597 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.160056 | 6.247814 | 2.5258% | 1871 | 0.156113 | 6.405619 | 5.9947% | 1870 |
| 0.147284 | 6.789615 | -1.0968% | 1869 | 0.148917 | 6.715148 | 2.1930% | 1868 |
| 0.145721 | 6.862409 | 2.2394% | 1867 | 0.142530 | 7.016086 | 2.2935% | 1866 |
| 0.139334 | 7.177000 | 2.3445% | 1865 | 0.136142 | 7.345263 | 2.4037% | 1864 |
| 0.132947 | 7.521821 | 2.4599% | 1863 | 0.129755 | 7.706849 | 2.5250% | 1862 |
| 0.126559 | 7.901448 | 2.5872% | 1861 | 0.123367 | 8.105877 | 2.9504% | 1860 |
| 0.119832 | 8.345034 | 2.4012% | 1859 | 0.117022 | 8.545418 | 2.7627% | 1858 |
| 0.113876 | 8.781503 | 2.8412% | 1857 | 0.110730 | 9.031003 | 2.9243% | 1856 |
| 0.107584 | 9.295096 | 3.0161% | 1855 | 0.104434 | 9.575449 | 3.1061% | 1854 |
| 0.101288 | 9.872868 | 3.2056% | 1853 | 0.098142 | 10.189355 | 3.3118% | 1852 |
| 0.094996 | 10.526805 | 3.4252% | 1851 | 0.091850 | 10.887372 | 4.0106% | 1850 |
| 0.088308 | 11.324021 | 2.3254% | 1849 | 0.086301 | 11.587347 | 2.7841% | 1848 |
| 0.083963 | 11.909948 | 2.8590% | 1847 | 0.081630 | 12.250455 | 2.9432% | 1846 |
| 0.079296 | 12.611005 | 3.0324% | 1845 | 0.076962 | 12.993422 | 3.1325% | 1844 |
| 0.074624 | 13.400442 | 3.2284% | 1843 | 0.072291 | 13.833056 | 3.3361% | 1842 |
| 0.069957 | 14.294535 | 3.4512% | 1841 | 0.067623 | 14.787867 | 3.8105% | 1840 |
| 0.065141 | 15.351357 | 2.3861% | 1839 | 0.063623 | 15.717648 | 2.5824% | 1838 |
| 0.062021 | 16.123539 | 2.6573% | 1837 | 0.060416 | 16.551994 | 2.7232% | 1836 |
| 0.058814 | 17.002739 | 2.7994% | 1835 | 0.057212 | 17.478720 | 2.8871% | 1834 |
| 0.055607 | 17.983352 | 2.9657% | 1833 | 0.054005 | 18.516681 | 3.0563% | 1832 |
| 0.052404 | 19.082611 | 3.1604% | 1831 | 0.050798 | 19.685702 | 3.4660% | 1830 |
| 0.049097 | 20.368002 | 2.4653% | 1829 | 0.047915 | 20.870135 | 2.6804% | 1828 |
| 0.046665 | 21.429537 | 10.3427% | 1827 | 0.042291 | 23.645919 | -4.2314% | 1826 |
| 0.044159 | 22.645358 | 2.9150% | 1825 | 0.042908 | 23.305478 | 3.0026% | 1824 |
| 0.041658 | 24.005240 | 3.0955% | 1823 | 0.040407 | 24.748324 | 3.1944% | 1822 |
| 0.039156 | 25.538882 | 3.3102% | 1821 | 0.037901 | 26.384268 | 3.2277% | 1820 |
| 0.036716 | 27.235883 | 2.6573% | 1819 | 0.035766 | 27.959616 | 2.6261% | 1818 |
| 0.034851 | 28.693866 | 2.6969% | 1817 | 0.033935 | 29.467720 | 2.7717% | 1816 |
| 0.033020 | 30.284472 | 2.8507% | 1815 | 0.032105 | 31.147790 | 2.9343% | 1814 |
| 0.031190 | 32.061773 | 3.0231% | 1813 | 0.030275 | 33.031017 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.029363 | 34.056265 | 3.2172% | 1811 | 0.028448 | 35.151909 | 3.0969% | 1810 |
| 0.027593 | 36.240534 | 2.9144% | 1809 | 0.026812 | 37.296720 | 2.8225% | 1808 |
| 0.026076 | 38.349406 | 2.9199% | 1807 | 0.025336 | 39.469181 | 2.9918% | 1806 |
| 0.024600 | 40.650014 | 3.0841% | 1805 | 0.023864 | 41.903682 | 3.1822% | 1804 |
| 0.023128 | 43.237138 | 3.2868% | 1803 | 0.022392 | 44.658249 | 3.3985% | 1802 |
| 0.021656 | 46.175954 | 3.5180% | 1801 | 0.020920 | 47.800445 | 3.3999% | 1800 |
| 0.020232 | 49.425635 | 2.8419% | 1799 | 0.019673 | 50.830246 | 2.7485% | 1798 |
| 0.019147 | 52.227293 | 2.8261% | 1797 | 0.018621 | 53.703305 | 3.7832% | 1796 |
| 0.017942 | 55.735014 | 2.1272% | 1795 | 0.017568 | 56.920608 | 3.0879% | 1794 |
| 0.017042 | 58.678281 | 3.1625% | 1793 | 0.016520 | 60.533989 | 3.2904% | 1792 |
| 0.015993 | 62.525808 | 3.4024% | 1791 | 0.015467 | 64.653166 | 3.2296% | 1790 |
| 0.014983 | 66.741181 | 41.3145% | 1780 | 0.010603 | 94.314933 | 29.4353% | 1770 |
| 0.008192 | 122.076831 | 83.4728% | 1750 | 0.004465 | 223.977827 | 29.2845% | 1740 |
| 0.003453 | 289.568507 | 94.2514% | 1720 | 0.001778 | 562.490862 | 85.8111% | 1700 |
| 0.000957 | 1045.170347 | 19.2490% | 1690 | 0.000802 | 1246.355703 | 88.0250% | 1670 |
| 0.000427 | 2343.460590 | | | | | | |

BASE YEAR: 1994

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|----------|----------|----------|---------|----------|----------|----------|---------|
| 2009 | 1.160960 | 0.861356 | 8.2857% | 2001 | 1.072127 | 0.932725 | 1.0000% |
| 2000 | 1.061512 | 0.942052 | 1.0000% | 1999 | 1.051002 | 0.951473 | 1.0000% |
| 1.040596 | 0.960988 | 1.0000% | 1997 | 1.030293 | 0.970598 | 1.0000% | 1996 |
| 1.020092 | 0.980304 | 1.0000% | 1995 | 1.009992 | 0.990107 | 0.9992% | 1994 |
| 1.000000 | 1.000000 | 1.0008% | 1993 | 0.990091 | 1.010008 | 1.0000% | 1992 |
| 0.980288 | 1.020108 | 0.9295% | 1991 | 0.971261 | 1.029590 | 1.2505% | 1990 |
| 0.959265 | 1.042465 | 0.7224% | 1989 | 0.952384 | 1.049996 | 1.1077% | 1988 |
| 0.941951 | 1.061627 | 0.8834% | 1987 | 0.933703 | 1.071005 | 0.5594% | 1986 |
| 0.928509 | 1.076996 | 1.3056% | 1985 | 0.916542 | 1.091057 | 0.7673% | 1984 |
| 0.909563 | 1.099429 | 0.8149% | 1983 | 0.902211 | 1.108388 | 0.9737% | 1982 |
| 0.893510 | 1.119181 | 0.9508% | 1981 | 0.885095 | 1.129823 | 0.9031% | 1980 |
| 0.877173 | 1.140026 | 2.2701% | 1979 | 0.857703 | 1.165905 | 1.0042% | 1978 |
| 0.849176 | 1.177613 | 0.9896% | 1977 | 0.840854 | 1.189266 | 0.9103% | 1976 |
| 0.833269 | 1.200093 | 0.8394% | 1975 | 0.826332 | 1.210167 | 0.9042% | 1974 |
| 0.818928 | 1.221109 | 1.1568% | 1973 | 0.809563 | 1.235234 | 0.9427% | 1972 |
| 0.802002 | 1.246879 | 0.7426% | 1971 | 0.796090 | 1.256139 | 1.4697% | 1970 |
| 0.784559 | 1.274601 | 0.6968% | 1969 | 0.779130 | 1.283482 | 0.8565% | 1968 |
| 0.772513 | 1.294476 | 1.5090% | 1967 | 0.761029 | 1.314010 | 0.9949% | 1966 |
| 0.753532 | 1.327083 | 1.0575% | 1965 | 0.745647 | 1.341117 | 1.1300% | 1964 |
| 0.737315 | 1.356272 | 1.5537% | 1963 | 0.726035 | 1.377343 | 1.4658% | 1962 |
| 0.715547 | 1.397533 | 1.5364% | 1961 | 0.704719 | 1.419005 | 2.1586% | 1960 |
| 0.689828 | 1.449636 | -1.6655% | 1959 | 0.701512 | 1.425493 | 4.3080% | 1958 |
| 0.672539 | 1.486903 | 2.1130% | 1957 | 0.658622 | 1.518320 | 1.9895% | 1956 |
| 0.645775 | 1.548527 | 2.1231% | 1955 | 0.632349 | 1.581404 | 1.4496% | 1954 |
| 0.623314 | 1.604328 | 2.1573% | 1953 | 0.610151 | 1.638938 | 1.2298% | 1952 |
| 0.602739 | 1.659093 | 1.6814% | 1951 | 0.592772 | 1.686988 | 1.6233% | 1950 |
| 0.583304 | 1.714373 | 1.4265% | 1949 | 0.575100 | 1.738829 | 1.7790% | 1948 |
| 0.565047 | 1.769763 | 1.8242% | 1947 | 0.554925 | 1.802047 | -2.6320% | 1946 |
| 0.569925 | 1.754616 | 3.1768% | 1945 | 0.552377 | 1.810357 | 6.4754% | 1944 |
| 0.518784 | 1.927585 | -0.3437% | 1943 | 0.520573 | 1.920960 | 0.6562% | 1942 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.517179 | 1.933566 | 0.6633% | 1941 | 0.513771 | 1.946391 | -5.6614% | 1940 |
| 0.544604 | 1.836198 | 8.0381% | 1939 | 0.504085 | 1.983793 | 0.8126% | 1938 |
| 0.500021 | 1.999914 | 0.7762% | 1937 | 0.496170 | 2.015439 | 0.6029% | 1936 |
| 0.493197 | 2.027589 | 0.5244% | 1935 | 0.490624 | 2.038222 | -3.0364% | 1934 |
| 0.505987 | 1.976334 | 4.6271% | 1933 | 0.483610 | 2.067781 | 1.3921% | 1932 |
| 0.476970 | 2.096567 | -0.2051% | 1931 | 0.477950 | 2.092267 | 0.8886% | 1930 |
| 0.473741 | 2.110859 | 1.0126% | 1929 | 0.468992 | 2.132233 | 1.1526% | 1928 |
| 0.463648 | 2.156809 | 1.2160% | 1927 | 0.458078 | 2.183036 | 1.4086% | 1926 |
| 0.451715 | 2.213786 | 1.7667% | 1925 | 0.443873 | 2.252897 | 1.4465% | 1924 |
| 0.437544 | 2.285485 | 1.7700% | 1923 | 0.429934 | 2.325937 | 1.6165% | 1922 |
| 0.423095 | 2.363537 | 1.3736% | 1921 | 0.417362 | 2.396003 | 2.3393% | 1920 |
| 0.407821 | 2.452053 | 1.3140% | 1919 | 0.402532 | 2.484273 | 0.7676% | 1918 |
| 0.399466 | 2.503344 | 0.3870% | 1917 | 0.397926 | 2.513031 | 1.3274% | 1916 |
| 0.392713 | 2.546390 | 1.4083% | 1915 | 0.387259 | 2.582251 | 1.4458% | 1914 |
| 0.381740 | 2.619585 | 1.9424% | 1913 | 0.374466 | 2.670467 | 1.9857% | 1912 |
| 0.367175 | 2.723494 | 1.5634% | 1911 | 0.361523 | 2.766073 | 1.8169% | 1910 |
| 0.355072 | 2.816331 | 1.8781% | 1909 | 0.348526 | 2.869223 | 2.0082% | 1908 |
| 0.341665 | 2.926844 | 1.9603% | 1907 | 0.335096 | 2.984218 | 1.8264% | 1906 |
| 0.329086 | 3.038720 | 1.9357% | 1905 | 0.322837 | 3.097540 | 2.0148% | 1904 |
| 0.316461 | 3.159950 | 2.1335% | 1903 | 0.309850 | 3.227368 | 1.8151% | 1902 |
| 0.304326 | 3.285950 | 1.8943% | 1901 | 0.298668 | 3.348197 | 3.0255% | 1900 |
| 0.289897 | 3.449497 | 0.6278% | 1899 | 0.288089 | 3.471154 | 1.7757% | 1898 |
| 0.283062 | 3.532790 | 1.8078% | 1897 | 0.278036 | 3.596654 | 1.8396% | 1896 |
| 0.273014 | 3.662818 | 1.8755% | 1895 | 0.267988 | 3.731516 | 1.9114% | 1894 |
| 0.262961 | 3.802840 | 1.9486% | 1893 | 0.257935 | 3.876943 | 1.9858% | 1892 |
| 0.252913 | 3.953932 | 2.0276% | 1891 | 0.247887 | 4.034103 | 2.6465% | 1890 |
| 0.241495 | 4.140866 | 1.5328% | 1889 | 0.237850 | 4.204338 | 2.0811% | 1888 |
| 0.233001 | 4.291835 | 2.1599% | 1887 | 0.228074 | 4.384533 | 2.2075% | 1886 |
| 0.223148 | 4.481323 | 2.2592% | 1885 | 0.218218 | 4.582563 | 2.3095% | 1884 |
| 0.213292 | 4.688399 | 2.3641% | 1883 | 0.208366 | 4.799240 | 2.4214% | 1882 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.203440 | 4.915448 | 2.4815% | 1881 | 0.198514 | 5.037423 | 3.7644% | 1880 |
| 0.191312 | 5.227052 | 0.9432% | 1879 | 0.189525 | 5.276355 | 2.1464% | 1878 |
| 0.185542 | 5.389606 | 2.1913% | 1877 | 0.181564 | 5.507708 | 2.2426% | 1876 |
| 0.177581 | 5.631225 | 2.2941% | 1875 | 0.173599 | 5.760408 | 2.3456% | 1874 |
| 0.169620 | 5.895524 | 2.4043% | 1873 | 0.165638 | 6.037271 | 2.4635% | 1872 |
| 0.161655 | 6.186002 | 2.5258% | 1871 | 0.157673 | 6.342246 | 5.9947% | 1870 |
| 0.148755 | 6.722443 | -1.0968% | 1869 | 0.150405 | 6.648713 | 2.1930% | 1868 |
| 0.147177 | 6.794517 | 2.2394% | 1867 | 0.143954 | 6.946674 | 2.2935% | 1866 |
| 0.140726 | 7.105996 | 2.3445% | 1865 | 0.137503 | 7.272594 | 2.4037% | 1864 |
| 0.134275 | 7.447405 | 2.4599% | 1863 | 0.131051 | 7.630602 | 2.5250% | 1862 |
| 0.127824 | 7.823276 | 2.5872% | 1861 | 0.124600 | 8.025683 | 2.9504% | 1860 |
| 0.121029 | 8.262473 | 2.4012% | 1859 | 0.118191 | 8.460875 | 2.7627% | 1858 |
| 0.115014 | 8.694624 | 2.8412% | 1857 | 0.111836 | 8.941656 | 2.9243% | 1856 |
| 0.108659 | 9.203136 | 3.0161% | 1855 | 0.105477 | 9.480715 | 3.1061% | 1854 |
| 0.102300 | 9.775192 | 3.2056% | 1853 | 0.099122 | 10.088548 | 3.3118% | 1852 |
| 0.095945 | 10.422660 | 3.4252% | 1851 | 0.092767 | 10.779659 | 4.0106% | 1850 |
| 0.089190 | 11.211989 | 2.3254% | 1849 | 0.087163 | 11.472709 | 2.7841% | 1848 |
| 0.084802 | 11.792119 | 2.8590% | 1847 | 0.082445 | 12.129257 | 2.9432% | 1846 |
| 0.080088 | 12.486240 | 3.0324% | 1845 | 0.077731 | 12.864873 | 3.1325% | 1844 |
| 0.075370 | 13.267866 | 3.2284% | 1843 | 0.073013 | 13.696200 | 3.3361% | 1842 |
| 0.070656 | 14.153114 | 3.4512% | 1841 | 0.068299 | 14.641565 | 3.8105% | 1840 |
| 0.065792 | 15.199480 | 2.3861% | 1839 | 0.064258 | 15.562148 | 2.5824% | 1838 |
| 0.062641 | 15.964023 | 2.6573% | 1837 | 0.061019 | 16.388239 | 2.7232% | 1836 |
| 0.059402 | 16.834525 | 2.7994% | 1835 | 0.057784 | 17.305797 | 2.8871% | 1834 |
| 0.056163 | 17.805436 | 2.9657% | 1833 | 0.054545 | 18.333489 | 3.0563% | 1832 |
| 0.052927 | 18.893820 | 3.1604% | 1831 | 0.051306 | 19.490945 | 3.4660% | 1830 |
| 0.049587 | 20.166494 | 2.4653% | 1829 | 0.048394 | 20.663659 | 2.6804% | 1828 |
| 0.047131 | 21.217527 | 10.3427% | 1827 | 0.042713 | 23.411981 | -4.2314% | 1826 |
| 0.044600 | 22.421319 | 2.9150% | 1825 | 0.043337 | 23.074909 | 3.0026% | 1824 |
| 0.042074 | 23.767747 | 3.0955% | 1823 | 0.040811 | 24.503480 | 3.1944% | 1822 |

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|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.039547 | 25.286217 | 3.3102% | 1821 | 0.038280 | 26.123239 | 3.2277% | 1820 |
| 0.037083 | 26.966429 | 2.6573% | 1819 | 0.036123 | 27.683002 | 2.6261% | 1818 |
| 0.035199 | 28.409987 | 2.6969% | 1817 | 0.034275 | 29.176185 | 2.7717% | 1816 |
| 0.033350 | 29.984856 | 2.8507% | 1815 | 0.032426 | 30.839633 | 2.9343% | 1814 |
| 0.031501 | 31.744574 | 3.0231% | 1813 | 0.030577 | 32.704229 | 3.1039% | 1812 |
| 0.029657 | 33.719334 | 3.2172% | 1811 | 0.028732 | 34.804138 | 3.0969% | 1810 |
| 0.027869 | 35.881993 | 2.9144% | 1809 | 0.027080 | 36.927730 | 2.8225% | 1808 |
| 0.026337 | 37.970002 | 2.9199% | 1807 | 0.025589 | 39.078698 | 2.9918% | 1806 |
| 0.024846 | 40.247849 | 3.0841% | 1805 | 0.024103 | 41.489113 | 3.1822% | 1804 |
| 0.023359 | 42.809377 | 3.2868% | 1803 | 0.022616 | 44.216429 | 3.3985% | 1802 |
| 0.021873 | 45.719118 | 3.5180% | 1801 | 0.021129 | 47.327538 | 3.3999% | 1800 |
| 0.020435 | 48.936649 | 2.8419% | 1799 | 0.019870 | 50.327364 | 2.7485% | 1798 |
| 0.019338 | 51.710590 | 2.8261% | 1797 | 0.018807 | 53.171999 | 3.7832% | 1796 |
| 0.018121 | 55.183607 | 2.1272% | 1795 | 0.017744 | 56.357472 | 3.0879% | 1794 |
| 0.017212 | 58.097756 | 3.1625% | 1793 | 0.016685 | 59.935104 | 3.2904% | 1792 |
| 0.016153 | 61.907218 | 3.4024% | 1791 | 0.015622 | 64.013529 | 3.2296% | 1790 |
| 0.015133 | 66.080886 | 41.3145% | 1780 | 0.010709 | 93.381841 | 29.4353% | 1770 |
| 0.008273 | 120.869081 | 83.4728% | 1750 | 0.004509 | 221.761934 | 29.2845% | 1740 |
| 0.003488 | 286.703701 | 94.2514% | 1720 | 0.001796 | 556.925937 | 85.8111% | 1700 |
| 0.000966 | 1034.830100 | 19.2490% | 1690 | 0.000810 | 1234.025057 | 88.0250% | 1670 |
| 0.000431 | 2320.275889 | | | | | | |

BASE YEAR: 1993

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.172579 | 0.852821 | 8.2857% | 2001 | 1.082857 | 0.923483 | 1.0000% |
| 2000 | 1.072135 | 0.932718 | 1.0000% | 1999 | 1.061520 | 0.942045 | 1.0000% |
| 1998 | 1.051010 | 0.951466 | 1.0000% | 1997 | 1.040604 | 0.960980 | 1.0000% |
| 1996 | 1.030301 | 0.970590 | 1.0000% | 1995 | 1.020100 | 0.980296 | 0.9992% |
| 1994 | 1.010008 | 0.990091 | 1.0008% | 1993 | 1.000000 | 1.000000 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.990099 | 1.010000 | 0.9295% | 1991 | 0.980981 | 1.019388 | 1.2505% | 1990 |
| 0.968865 | 1.032136 | 0.7224% | 1989 | 0.961916 | 1.039592 | 1.1077% | 1988 |
| 0.951377 | 1.051108 | 0.8834% | 1987 | 0.943047 | 1.060393 | 0.5594% | 1986 |
| 0.937801 | 1.066324 | 1.3056% | 1985 | 0.925715 | 1.080246 | 0.7673% | 1984 |
| 0.918666 | 1.088535 | 0.8149% | 1983 | 0.911240 | 1.097406 | 0.9737% | 1982 |
| 0.902452 | 1.108092 | 0.9508% | 1981 | 0.893953 | 1.118628 | 0.9031% | 1980 |
| 0.885952 | 1.128730 | 2.2701% | 1979 | 0.866287 | 1.154352 | 1.0042% | 1978 |
| 0.857674 | 1.165944 | 0.9896% | 1977 | 0.849270 | 1.177482 | 0.9103% | 1976 |
| 0.841608 | 1.188202 | 0.8394% | 1975 | 0.834602 | 1.198176 | 0.9042% | 1974 |
| 0.827123 | 1.209009 | 1.1568% | 1973 | 0.817665 | 1.222995 | 0.9427% | 1972 |
| 0.810029 | 1.234524 | 0.7426% | 1971 | 0.804057 | 1.243692 | 1.4697% | 1970 |
| 0.792411 | 1.261971 | 0.6968% | 1969 | 0.786928 | 1.270765 | 0.8565% | 1968 |
| 0.780245 | 1.281650 | 1.5090% | 1967 | 0.768645 | 1.300990 | 0.9949% | 1966 |
| 0.761073 | 1.313934 | 1.0575% | 1965 | 0.753109 | 1.327828 | 1.1300% | 1964 |
| 0.744694 | 1.342833 | 1.5537% | 1963 | 0.733301 | 1.363696 | 1.4658% | 1962 |
| 0.722708 | 1.383685 | 1.5364% | 1961 | 0.711772 | 1.404945 | 2.1586% | 1960 |
| 0.696732 | 1.435272 | -1.6655% | 1959 | 0.708532 | 1.411368 | 4.3080% | 1958 |
| 0.679270 | 1.472170 | 2.1130% | 1957 | 0.665214 | 1.503276 | 1.9895% | 1956 |
| 0.652238 | 1.533184 | 2.1231% | 1955 | 0.638678 | 1.565735 | 1.4496% | 1954 |
| 0.629552 | 1.588432 | 2.1573% | 1953 | 0.616258 | 1.622698 | 1.2298% | 1952 |
| 0.608771 | 1.642653 | 1.6814% | 1951 | 0.598705 | 1.670272 | 1.6233% | 1950 |
| 0.589141 | 1.697386 | 1.4265% | 1949 | 0.580855 | 1.721599 | 1.7790% | 1948 |
| 0.570702 | 1.752227 | 1.8242% | 1947 | 0.560478 | 1.784191 | -2.6320% | 1946 |
| 0.575629 | 1.737230 | 3.1768% | 1945 | 0.557905 | 1.792419 | 6.4754% | 1944 |
| 0.523976 | 1.908485 | -0.3437% | 1943 | 0.525783 | 1.901926 | 0.6562% | 1942 |
| 0.522355 | 1.914407 | 0.6633% | 1941 | 0.518913 | 1.927105 | -5.6614% | 1940 |
| 0.550054 | 1.818004 | 8.0381% | 1939 | 0.509130 | 1.964137 | 0.8126% | 1938 |
| 0.505026 | 1.980098 | 0.7762% | 1937 | 0.501135 | 1.995468 | 0.6029% | 1936 |
| 0.498132 | 2.007499 | 0.5244% | 1935 | 0.495534 | 2.018026 | -3.0364% | 1934 |
| 0.511051 | 1.956751 | 4.6271% | 1933 | 0.488450 | 2.047292 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.481744 | 2.075793 | -0.2051% | 1931 | 0.482734 | 2.071536 | 0.8886% | 1930 |
| 0.478482 | 2.089944 | 1.0126% | 1929 | 0.473685 | 2.111106 | 1.1526% | 1928 |
| 0.468288 | 2.135438 | 1.2160% | 1927 | 0.462662 | 2.161405 | 1.4086% | 1926 |
| 0.456235 | 2.191851 | 1.7667% | 1925 | 0.448315 | 2.230574 | 1.4465% | 1924 |
| 0.441923 | 2.262839 | 1.7700% | 1923 | 0.434237 | 2.302891 | 1.6165% | 1922 |
| 0.427329 | 2.340117 | 1.3736% | 1921 | 0.421539 | 2.372262 | 2.3393% | 1920 |
| 0.411903 | 2.427757 | 1.3140% | 1919 | 0.406561 | 2.459658 | 0.7676% | 1918 |
| 0.403463 | 2.478539 | 0.3870% | 1917 | 0.401908 | 2.488131 | 1.3274% | 1916 |
| 0.396643 | 2.521159 | 1.4083% | 1915 | 0.391135 | 2.556664 | 1.4458% | 1914 |
| 0.385560 | 2.593629 | 1.9424% | 1913 | 0.378214 | 2.644007 | 1.9857% | 1912 |
| 0.370850 | 2.696508 | 1.5634% | 1911 | 0.365141 | 2.738666 | 1.8169% | 1910 |
| 0.358625 | 2.788425 | 1.8781% | 1909 | 0.352014 | 2.840793 | 2.0082% | 1908 |
| 0.345084 | 2.897843 | 1.9603% | 1907 | 0.338450 | 2.954648 | 1.8264% | 1906 |
| 0.332379 | 3.008610 | 1.9357% | 1905 | 0.326068 | 3.066847 | 2.0148% | 1904 |
| 0.319628 | 3.128639 | 2.1335% | 1903 | 0.312951 | 3.195390 | 1.8151% | 1902 |
| 0.307372 | 3.253391 | 1.8943% | 1901 | 0.301657 | 3.315021 | 3.0255% | 1900 |
| 0.292799 | 3.415317 | 0.6278% | 1899 | 0.290972 | 3.436760 | 1.7757% | 1898 |
| 0.285895 | 3.497785 | 1.8078% | 1897 | 0.280819 | 3.561016 | 1.8396% | 1896 |
| 0.275746 | 3.626525 | 1.8755% | 1895 | 0.270670 | 3.694542 | 1.9114% | 1894 |
| 0.265593 | 3.765159 | 1.9486% | 1893 | 0.260517 | 3.838528 | 1.9858% | 1892 |
| 0.255444 | 3.914754 | 2.0276% | 1891 | 0.250367 | 3.994130 | 2.6465% | 1890 |
| 0.243912 | 4.099835 | 1.5328% | 1889 | 0.240230 | 4.162678 | 2.0811% | 1888 |
| 0.235332 | 4.249309 | 2.1599% | 1887 | 0.230357 | 4.341088 | 2.2075% | 1886 |
| 0.225382 | 4.436919 | 2.2592% | 1885 | 0.220402 | 4.537156 | 2.3095% | 1884 |
| 0.215427 | 4.641944 | 2.3641% | 1883 | 0.210452 | 4.751686 | 2.4214% | 1882 |
| 0.205476 | 4.866743 | 2.4815% | 1881 | 0.200501 | 4.987509 | 3.7644% | 1880 |
| 0.193227 | 5.175259 | 0.9432% | 1879 | 0.191422 | 5.224074 | 2.1464% | 1878 |
| 0.187399 | 5.336202 | 2.1913% | 1877 | 0.183381 | 5.453134 | 2.2426% | 1876 |
| 0.179358 | 5.575427 | 2.2941% | 1875 | 0.175336 | 5.703330 | 2.3456% | 1874 |
| 0.171318 | 5.837107 | 2.4043% | 1873 | 0.167295 | 5.977450 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.163273 | 6.124707 | 2.5258% | 1871 | 0.159251 | 6.279403 | 5.9947% | 1870 |
| 0.150244 | 6.655833 | -1.0968% | 1869 | 0.151910 | 6.582833 | 2.1930% | 1868 |
| 0.148650 | 6.727193 | 2.2394% | 1867 | 0.145394 | 6.877842 | 2.2935% | 1866 |
| 0.142135 | 7.035585 | 2.3445% | 1865 | 0.138879 | 7.200532 | 2.4037% | 1864 |
| 0.135619 | 7.373611 | 2.4599% | 1863 | 0.132363 | 7.554994 | 2.5250% | 1862 |
| 0.129103 | 7.745758 | 2.5872% | 1861 | 0.125847 | 7.946160 | 2.9504% | 1860 |
| 0.122240 | 8.180604 | 2.4012% | 1859 | 0.119374 | 8.377039 | 2.7627% | 1858 |
| 0.116165 | 8.608473 | 2.8412% | 1857 | 0.112955 | 8.853057 | 2.9243% | 1856 |
| 0.109746 | 9.111946 | 3.0161% | 1855 | 0.106533 | 9.386775 | 3.1061% | 1854 |
| 0.103324 | 9.678333 | 3.2056% | 1853 | 0.100114 | 9.988584 | 3.3118% | 1852 |
| 0.096905 | 10.319385 | 3.4252% | 1851 | 0.093696 | 10.672848 | 4.0106% | 1850 |
| 0.090083 | 11.100893 | 2.3254% | 1849 | 0.088036 | 11.359030 | 2.7841% | 1848 |
| 0.085651 | 11.675275 | 2.8590% | 1847 | 0.083270 | 12.009073 | 2.9432% | 1846 |
| 0.080890 | 12.362519 | 3.0324% | 1845 | 0.078509 | 12.737400 | 3.1325% | 1844 |
| 0.076124 | 13.136400 | 3.2284% | 1843 | 0.073744 | 13.560490 | 3.3361% | 1842 |
| 0.071363 | 14.012876 | 3.4512% | 1841 | 0.068982 | 14.496487 | 3.8105% | 1840 |
| 0.066450 | 15.048874 | 2.3861% | 1839 | 0.064902 | 15.407948 | 2.5824% | 1838 |
| 0.063268 | 15.805842 | 2.6573% | 1837 | 0.061630 | 16.225854 | 2.7232% | 1836 |
| 0.059996 | 16.667718 | 2.7994% | 1835 | 0.058362 | 17.134320 | 2.8871% | 1834 |
| 0.056725 | 17.629009 | 2.9657% | 1833 | 0.055091 | 18.151830 | 3.0563% | 1832 |
| 0.053457 | 18.706608 | 3.1604% | 1831 | 0.051819 | 19.297816 | 3.4660% | 1830 |
| 0.050083 | 19.966672 | 2.4653% | 1829 | 0.048878 | 20.458910 | 2.6804% | 1828 |
| 0.047603 | 21.007290 | 10.3427% | 1827 | 0.043141 | 23.180001 | -4.2314% | 1826 |
| 0.045047 | 22.199155 | 2.9150% | 1825 | 0.043771 | 22.846268 | 3.0026% | 1824 |
| 0.042495 | 23.532242 | 3.0955% | 1823 | 0.041219 | 24.260684 | 3.1944% | 1822 |
| 0.039943 | 25.035665 | 3.3102% | 1821 | 0.038663 | 25.864394 | 3.2277% | 1820 |
| 0.037454 | 26.699229 | 2.6573% | 1819 | 0.036485 | 27.408701 | 2.6261% | 1818 |
| 0.035551 | 28.128483 | 2.6969% | 1817 | 0.034618 | 28.887090 | 2.7717% | 1816 |
| 0.033684 | 29.687748 | 2.8507% | 1815 | 0.032750 | 30.534055 | 2.9343% | 1814 |
| 0.031817 | 31.430029 | 3.0231% | 1813 | 0.030883 | 32.380175 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.029953 | 33.385222 | 3.2172% | 1811 | 0.029020 | 34.459277 | 3.0969% | 1810 |
| 0.028148 | 35.526452 | 2.9144% | 1809 | 0.027351 | 36.561828 | 2.8225% | 1808 |
| 0.026600 | 37.593772 | 2.9199% | 1807 | 0.025845 | 38.691483 | 2.9918% | 1806 |
| 0.025095 | 39.849048 | 3.0841% | 1805 | 0.024344 | 41.078014 | 3.1822% | 1804 |
| 0.023593 | 42.385195 | 3.2868% | 1803 | 0.022842 | 43.778306 | 3.3985% | 1802 |
| 0.022092 | 45.266105 | 3.5180% | 1801 | 0.021341 | 46.858587 | 3.3999% | 1800 |
| 0.020639 | 48.451754 | 2.8419% | 1799 | 0.020069 | 49.828690 | 2.7485% | 1798 |
| 0.019532 | 51.198210 | 2.8261% | 1797 | 0.018995 | 52.645138 | 3.7832% | 1796 |
| 0.018303 | 54.636814 | 2.1272% | 1795 | 0.017921 | 55.799047 | 3.0879% | 1794 |
| 0.017385 | 57.522088 | 3.1625% | 1793 | 0.016852 | 59.341230 | 3.2904% | 1792 |
| 0.016315 | 61.293803 | 3.4024% | 1791 | 0.015778 | 63.379243 | 3.2296% | 1790 |
| 0.015284 | 65.426116 | 41.3145% | 1780 | 0.010816 | 92.456557 | 29.4353% | 1770 |
| 0.008356 | 119.671435 | 83.4728% | 1750 | 0.004554 | 219.564580 | 29.2845% | 1740 |
| 0.003523 | 283.862864 | 94.2514% | 1720 | 0.001814 | 551.407572 | 85.8111% | 1700 |
| 0.000976 | 1024.576365 | 19.2490% | 1690 | 0.000818 | 1221.797576 | 88.0250% | 1670 |
| 0.000435 | 2297.285165 | | | | | | |

BASE YEAR: 1992

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.184304 | 0.844377 | 8.2857% | 2001 | 1.093685 | 0.914340 | 1.0000% |
| 2000 | 1.082857 | 0.923483 | 1.0000% | 1999 | 1.072135 | 0.932718 | 1.0000% |
| 1998 | 1.061520 | 0.942045 | 1.0000% | 1997 | 1.051010 | 0.951466 | 1.0000% |
| 1996 | 1.040604 | 0.960980 | 1.0000% | 1995 | 1.030301 | 0.970590 | 0.9992% |
| 1994 | 1.020108 | 0.980288 | 1.0008% | 1993 | 1.010000 | 0.990099 | 1.0000% |
| 1992 | 1.000000 | 1.000000 | 0.9295% | 1991 | 0.990791 | 1.009295 | 1.2505% |
| 1990 | 0.978554 | 1.021916 | 0.7224% | 1989 | 0.971535 | 1.029299 | 1.1077% |
| 1988 | 0.960891 | 1.040701 | 0.8834% | 1987 | 0.952477 | 1.049894 | 0.5594% |
| 1986 | 0.947179 | 1.055766 | 1.3056% | 1985 | 0.934972 | 1.069551 | 0.7673% |
| 1984 | 0.927853 | 1.077757 | 0.8149% | 1983 | 0.920352 | 1.086540 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.911477 | 1.097121 | 0.9508% | 1981 | 0.902892 | 1.107552 | 0.9031% | 1980 |
| 0.894811 | 1.117554 | 2.2701% | 1979 | 0.874949 | 1.142923 | 1.0042% | 1978 |
| 0.866251 | 1.154400 | 0.9896% | 1977 | 0.857762 | 1.165824 | 0.9103% | 1976 |
| 0.850024 | 1.176437 | 0.8394% | 1975 | 0.842948 | 1.186313 | 0.9042% | 1974 |
| 0.835395 | 1.197039 | 1.1568% | 1973 | 0.825841 | 1.210886 | 0.9427% | 1972 |
| 0.818129 | 1.222301 | 0.7426% | 1971 | 0.812098 | 1.231378 | 1.4697% | 1970 |
| 0.800335 | 1.249476 | 0.6968% | 1969 | 0.794797 | 1.258183 | 0.8565% | 1968 |
| 0.788047 | 1.268960 | 1.5090% | 1967 | 0.776332 | 1.288109 | 0.9949% | 1966 |
| 0.768684 | 1.300925 | 1.0575% | 1965 | 0.760641 | 1.314681 | 1.1300% | 1964 |
| 0.752141 | 1.329537 | 1.5537% | 1963 | 0.740634 | 1.350194 | 1.4658% | 1962 |
| 0.729935 | 1.369985 | 1.5364% | 1961 | 0.718890 | 1.391034 | 2.1586% | 1960 |
| 0.703699 | 1.421062 | -1.6655% | 1959 | 0.715618 | 1.397394 | 4.3080% | 1958 |
| 0.686062 | 1.457594 | 2.1130% | 1957 | 0.671866 | 1.488392 | 1.9895% | 1956 |
| 0.658760 | 1.518004 | 2.1231% | 1955 | 0.645065 | 1.550232 | 1.4496% | 1954 |
| 0.635847 | 1.572705 | 2.1573% | 1953 | 0.622420 | 1.606632 | 1.2298% | 1952 |
| 0.614859 | 1.626389 | 1.6814% | 1951 | 0.604692 | 1.653735 | 1.6233% | 1950 |
| 0.595033 | 1.680580 | 1.4265% | 1949 | 0.586664 | 1.704554 | 1.7790% | 1948 |
| 0.576409 | 1.734879 | 1.8242% | 1947 | 0.566083 | 1.766526 | -2.6320% | 1946 |
| 0.581385 | 1.720030 | 3.1768% | 1945 | 0.563484 | 1.774672 | 6.4754% | 1944 |
| 0.529216 | 1.889589 | -0.3437% | 1943 | 0.531041 | 1.883095 | 0.6562% | 1942 |
| 0.527579 | 1.895453 | 0.6633% | 1941 | 0.524102 | 1.908025 | -5.6614% | 1940 |
| 0.555554 | 1.800004 | 8.0381% | 1939 | 0.514221 | 1.944690 | 0.8126% | 1938 |
| 0.510076 | 1.960493 | 0.7762% | 1937 | 0.506147 | 1.975711 | 0.6029% | 1936 |
| 0.503114 | 1.987622 | 0.5244% | 1935 | 0.500489 | 1.998045 | -3.0364% | 1934 |
| 0.516162 | 1.937377 | 4.6271% | 1933 | 0.493335 | 2.027022 | 1.3921% | 1932 |
| 0.486561 | 2.055241 | -0.2051% | 1931 | 0.487561 | 2.051026 | 0.8886% | 1930 |
| 0.483267 | 2.069251 | 1.0126% | 1929 | 0.478422 | 2.090204 | 1.1526% | 1928 |
| 0.472971 | 2.114295 | 1.2160% | 1927 | 0.467289 | 2.140005 | 1.4086% | 1926 |
| 0.460798 | 2.170149 | 1.7667% | 1925 | 0.452798 | 2.208489 | 1.4465% | 1924 |
| 0.446342 | 2.240435 | 1.7700% | 1923 | 0.438579 | 2.280090 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.431602 | 2.316948 | 1.3736% | 1921 | 0.425754 | 2.348774 | 2.3393% | 1920 |
| 0.416022 | 2.403720 | 1.3140% | 1919 | 0.410626 | 2.435305 | 0.7676% | 1918 |
| 0.407498 | 2.453999 | 0.3870% | 1917 | 0.405927 | 2.463496 | 1.3274% | 1916 |
| 0.400609 | 2.496197 | 1.4083% | 1915 | 0.395046 | 2.531351 | 1.4458% | 1914 |
| 0.389416 | 2.567949 | 1.9424% | 1913 | 0.381996 | 2.617829 | 1.9857% | 1912 |
| 0.374558 | 2.669810 | 1.5634% | 1911 | 0.368793 | 2.711550 | 1.8169% | 1910 |
| 0.362212 | 2.760817 | 1.8781% | 1909 | 0.355535 | 2.812666 | 2.0082% | 1908 |
| 0.348535 | 2.869152 | 1.9603% | 1907 | 0.341834 | 2.925394 | 1.8264% | 1906 |
| 0.335703 | 2.978822 | 1.9357% | 1905 | 0.329328 | 3.036483 | 2.0148% | 1904 |
| 0.322824 | 3.097663 | 2.1335% | 1903 | 0.316080 | 3.163752 | 1.8151% | 1902 |
| 0.310445 | 3.221179 | 1.8943% | 1901 | 0.304674 | 3.282199 | 3.0255% | 1900 |
| 0.295727 | 3.381502 | 0.6278% | 1899 | 0.293881 | 3.402733 | 1.7757% | 1898 |
| 0.288754 | 3.463153 | 1.8078% | 1897 | 0.283627 | 3.525759 | 1.8396% | 1896 |
| 0.278504 | 3.590619 | 1.8755% | 1895 | 0.273376 | 3.657962 | 1.9114% | 1894 |
| 0.268249 | 3.727880 | 1.9486% | 1893 | 0.263122 | 3.800523 | 1.9858% | 1892 |
| 0.257998 | 3.875994 | 2.0276% | 1891 | 0.252871 | 3.954584 | 2.6465% | 1890 |
| 0.246351 | 4.059243 | 1.5328% | 1889 | 0.242632 | 4.121464 | 2.0811% | 1888 |
| 0.237686 | 4.207237 | 2.1599% | 1887 | 0.232661 | 4.298107 | 2.2075% | 1886 |
| 0.227635 | 4.392989 | 2.2592% | 1885 | 0.222606 | 4.492234 | 2.3095% | 1884 |
| 0.217581 | 4.595984 | 2.3641% | 1883 | 0.212556 | 4.704640 | 2.4214% | 1882 |
| 0.207531 | 4.818557 | 2.4815% | 1881 | 0.202506 | 4.938128 | 3.7644% | 1880 |
| 0.195159 | 5.124019 | 0.9432% | 1879 | 0.193336 | 5.172350 | 2.1464% | 1878 |
| 0.189273 | 5.283369 | 2.1913% | 1877 | 0.185215 | 5.399143 | 2.2426% | 1876 |
| 0.181152 | 5.520225 | 2.2941% | 1875 | 0.177090 | 5.646862 | 2.3456% | 1874 |
| 0.173031 | 5.779314 | 2.4043% | 1873 | 0.168968 | 5.918267 | 2.4635% | 1872 |
| 0.164906 | 6.064067 | 2.5258% | 1871 | 0.160843 | 6.217231 | 5.9947% | 1870 |
| 0.151747 | 6.589934 | -1.0968% | 1869 | 0.153429 | 6.517656 | 2.1930% | 1868 |
| 0.150137 | 6.660587 | 2.2394% | 1867 | 0.146848 | 6.809744 | 2.2935% | 1866 |
| 0.143556 | 6.965926 | 2.3445% | 1865 | 0.140267 | 7.129240 | 2.4037% | 1864 |
| 0.136975 | 7.300605 | 2.4599% | 1863 | 0.133686 | 7.480192 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.130394 | 7.669067 | 2.5872% | 1861 | 0.127105 | 7.867485 | 2.9504% | 1860 |
| 0.123463 | 8.099608 | 2.4012% | 1859 | 0.120568 | 8.294098 | 2.7627% | 1858 |
| 0.117326 | 8.523240 | 2.8412% | 1857 | 0.114085 | 8.765403 | 2.9243% | 1856 |
| 0.110844 | 9.021728 | 3.0161% | 1855 | 0.107598 | 9.293836 | 3.1061% | 1854 |
| 0.104357 | 9.582508 | 3.2056% | 1853 | 0.101115 | 9.889688 | 3.3118% | 1852 |
| 0.097874 | 10.217213 | 3.4252% | 1851 | 0.094633 | 10.567176 | 4.0106% | 1850 |
| 0.090984 | 10.990984 | 2.3254% | 1849 | 0.088916 | 11.246564 | 2.7841% | 1848 |
| 0.086508 | 11.559678 | 2.8590% | 1847 | 0.084103 | 11.890171 | 2.9432% | 1846 |
| 0.081699 | 12.240117 | 3.0324% | 1845 | 0.079294 | 12.611287 | 3.1325% | 1844 |
| 0.076886 | 13.006337 | 3.2284% | 1843 | 0.074481 | 13.426228 | 3.3361% | 1842 |
| 0.072077 | 13.874135 | 3.4512% | 1841 | 0.069672 | 14.352958 | 3.8105% | 1840 |
| 0.067115 | 14.899876 | 2.3861% | 1839 | 0.065551 | 15.255394 | 2.5824% | 1838 |
| 0.063900 | 15.649348 | 2.6573% | 1837 | 0.062246 | 16.065202 | 2.7232% | 1836 |
| 0.060596 | 16.502691 | 2.7994% | 1835 | 0.058946 | 16.964674 | 2.8871% | 1834 |
| 0.057292 | 17.454464 | 2.9657% | 1833 | 0.055642 | 17.972108 | 3.0563% | 1832 |
| 0.053992 | 18.521394 | 3.1604% | 1831 | 0.052338 | 19.106749 | 3.4660% | 1830 |
| 0.050584 | 19.768982 | 2.4653% | 1829 | 0.049367 | 20.256347 | 2.6804% | 1828 |
| 0.048079 | 20.799297 | 10.3427% | 1827 | 0.043572 | 22.950496 | -4.2314% | 1826 |
| 0.045497 | 21.979361 | 2.9150% | 1825 | 0.044209 | 22.620068 | 3.0026% | 1824 |
| 0.042920 | 23.299249 | 3.0955% | 1823 | 0.041631 | 24.020479 | 3.1944% | 1822 |
| 0.040342 | 24.787787 | 3.3102% | 1821 | 0.039050 | 25.608311 | 3.2277% | 1820 |
| 0.037829 | 26.434880 | 2.6573% | 1819 | 0.036850 | 27.137328 | 2.6261% | 1818 |
| 0.035907 | 27.849984 | 2.6969% | 1817 | 0.034964 | 28.601079 | 2.7717% | 1816 |
| 0.034021 | 29.393810 | 2.8507% | 1815 | 0.033078 | 30.231738 | 2.9343% | 1814 |
| 0.032135 | 31.118841 | 3.0231% | 1813 | 0.031192 | 32.059579 | 3.1039% | 1812 |
| 0.030253 | 33.054675 | 3.2172% | 1811 | 0.029310 | 34.118097 | 3.0969% | 1810 |
| 0.028430 | 35.174705 | 2.9144% | 1809 | 0.027624 | 36.199829 | 2.8225% | 1808 |
| 0.026866 | 37.221556 | 2.9199% | 1807 | 0.026104 | 38.308399 | 2.9918% | 1806 |
| 0.025346 | 39.454503 | 3.0841% | 1805 | 0.024587 | 40.671301 | 3.1822% | 1804 |
| 0.023829 | 41.965540 | 3.2868% | 1803 | 0.023071 | 43.344857 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.022313 | 44.817926 | 3.5180% | 1801 | 0.021554 | 46.394641 | 3.3999% | 1800 |
| 0.020845 | 47.972034 | 2.8419% | 1799 | 0.020269 | 49.335336 | 2.7485% | 1798 |
| 0.019727 | 50.691297 | 2.8261% | 1797 | 0.019185 | 52.123899 | 3.7832% | 1796 |
| 0.018486 | 54.095855 | 2.1272% | 1795 | 0.018101 | 55.246581 | 3.0879% | 1794 |
| 0.017558 | 56.952562 | 3.1625% | 1793 | 0.017020 | 58.753693 | 3.2904% | 1792 |
| 0.016478 | 60.686934 | 3.4024% | 1791 | 0.015936 | 62.751726 | 3.2296% | 1790 |
| 0.015437 | 64.778333 | 41.3145% | 1780 | 0.010924 | 91.541145 | 29.4353% | 1770 |
| 0.008440 | 118.486570 | 83.4728% | 1750 | 0.004600 | 217.390673 | 29.2845% | 1740 |
| 0.003558 | 281.052341 | 94.2514% | 1720 | 0.001832 | 545.948091 | 85.8111% | 1700 |
| 0.000986 | 1014.432045 | 19.2490% | 1690 | 0.000827 | 1209.700570 | 88.0250% | 1670 |
| 0.000440 | 2274.539768 | | | | | | |

BASE YEAR: 1991

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.195313 | 0.836601 | 8.2857% | 2001 | 1.103851 | 0.905919 | 1.0000% |
| 2000 | 1.092922 | 0.914978 | 1.0000% | 1999 | 1.082101 | 0.924128 | 1.0000% |
| 1998 | 1.071387 | 0.933370 | 1.0000% | 1997 | 1.060779 | 0.942703 | 1.0000% |
| 1996 | 1.050276 | 0.952130 | 1.0000% | 1995 | 1.039878 | 0.961652 | 0.9992% |
| 1994 | 1.029590 | 0.971261 | 1.0008% | 1993 | 1.019388 | 0.980981 | 1.0000% |
| 1992 | 1.009295 | 0.990791 | 0.9295% | 1991 | 1.000000 | 1.000000 | 1.2505% |
| 1990 | 0.987649 | 1.012505 | 0.7224% | 1989 | 0.980565 | 1.019820 | 1.1077% |
| 1988 | 0.969823 | 1.031116 | 0.8834% | 1987 | 0.961331 | 1.040225 | 0.5594% |
| 1986 | 0.955983 | 1.046043 | 1.3056% | 1985 | 0.943663 | 1.059701 | 0.7673% |
| 1984 | 0.936477 | 1.067832 | 0.8149% | 1983 | 0.928907 | 1.076534 | 0.9737% |
| 1982 | 0.919949 | 1.087017 | 0.9508% | 1981 | 0.911285 | 1.097352 | 0.9031% |
| 1980 | 0.903129 | 1.107262 | 2.2701% | 1979 | 0.883082 | 1.132398 | 1.0042% |
| 1978 | 0.874303 | 1.143769 | 0.9896% | 1977 | 0.865735 | 1.155088 | 0.9103% |
| 1976 | 0.857925 | 1.165603 | 0.8394% | 1975 | 0.850783 | 1.175387 | 0.9042% |
| 1974 | 0.843160 | 1.186015 | 1.1568% | 1973 | 0.833518 | 1.199735 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.825734 | 1.211044 | 0.7426% | 1971 | 0.819647 | 1.220038 | 1.4697% | 1970 |
| 0.807774 | 1.237969 | 0.6968% | 1969 | 0.802185 | 1.246596 | 0.8565% | 1968 |
| 0.795372 | 1.257273 | 1.5090% | 1967 | 0.783548 | 1.276246 | 0.9949% | 1966 |
| 0.775829 | 1.288944 | 1.0575% | 1965 | 0.767711 | 1.302574 | 1.1300% | 1964 |
| 0.759132 | 1.317293 | 1.5537% | 1963 | 0.747519 | 1.337759 | 1.4658% | 1962 |
| 0.736720 | 1.357368 | 1.5364% | 1961 | 0.725572 | 1.378224 | 2.1586% | 1960 |
| 0.710240 | 1.407974 | -1.6655% | 1959 | 0.722269 | 1.384525 | 4.3080% | 1958 |
| 0.692439 | 1.444170 | 2.1130% | 1957 | 0.678111 | 1.474685 | 1.9895% | 1956 |
| 0.664883 | 1.504024 | 2.1231% | 1955 | 0.651061 | 1.535955 | 1.4496% | 1954 |
| 0.641758 | 1.558221 | 2.1573% | 1953 | 0.628206 | 1.591836 | 1.2298% | 1952 |
| 0.620574 | 1.611411 | 1.6814% | 1951 | 0.610312 | 1.638505 | 1.6233% | 1950 |
| 0.600564 | 1.665103 | 1.4265% | 1949 | 0.592117 | 1.688856 | 1.7790% | 1948 |
| 0.581767 | 1.718901 | 1.8242% | 1947 | 0.571345 | 1.750257 | -2.6320% | 1946 |
| 0.586789 | 1.704189 | 3.1768% | 1945 | 0.568722 | 1.758328 | 6.4754% | 1944 |
| 0.534135 | 1.872187 | -0.3437% | 1943 | 0.535977 | 1.865753 | 0.6562% | 1942 |
| 0.532482 | 1.877996 | 0.6633% | 1941 | 0.528974 | 1.890453 | -5.6614% | 1940 |
| 0.560718 | 1.783427 | 8.0381% | 1939 | 0.519001 | 1.926780 | 0.8126% | 1938 |
| 0.514817 | 1.942438 | 0.7762% | 1937 | 0.510852 | 1.957516 | 0.6029% | 1936 |
| 0.507790 | 1.969317 | 0.5244% | 1935 | 0.505141 | 1.979644 | -3.0364% | 1934 |
| 0.520959 | 1.919535 | 4.6271% | 1933 | 0.497920 | 2.008354 | 1.3921% | 1932 |
| 0.491084 | 2.036313 | -0.2051% | 1931 | 0.492093 | 2.032137 | 0.8886% | 1930 |
| 0.487759 | 2.050194 | 1.0126% | 1929 | 0.482869 | 2.070954 | 1.1526% | 1928 |
| 0.477367 | 2.094824 | 1.2160% | 1927 | 0.471632 | 2.120297 | 1.4086% | 1926 |
| 0.465081 | 2.150163 | 1.7667% | 1925 | 0.457007 | 2.188150 | 1.4465% | 1924 |
| 0.450491 | 2.219801 | 1.7700% | 1923 | 0.442656 | 2.259091 | 1.6165% | 1922 |
| 0.435614 | 2.295610 | 1.3736% | 1921 | 0.429711 | 2.327144 | 2.3393% | 1920 |
| 0.419889 | 2.381583 | 1.3140% | 1919 | 0.414443 | 2.412877 | 0.7676% | 1918 |
| 0.411286 | 2.431399 | 0.3870% | 1917 | 0.409700 | 2.440808 | 1.3274% | 1916 |
| 0.404333 | 2.473209 | 1.4083% | 1915 | 0.398718 | 2.508038 | 1.4458% | 1914 |
| 0.393035 | 2.544300 | 1.9424% | 1913 | 0.385547 | 2.593720 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.378040 | 2.645223 | 1.5634% | 1911 | 0.372221 | 2.686578 | 1.8169% | 1910 |
| 0.365578 | 2.735391 | 1.8781% | 1909 | 0.358839 | 2.786763 | 2.0082% | 1908 |
| 0.351775 | 2.842728 | 1.9603% | 1907 | 0.345012 | 2.898453 | 1.8264% | 1906 |
| 0.338824 | 2.951389 | 1.9357% | 1905 | 0.332390 | 3.008518 | 2.0148% | 1904 |
| 0.325825 | 3.069135 | 2.1335% | 1903 | 0.319018 | 3.134616 | 1.8151% | 1902 |
| 0.313331 | 3.191514 | 1.8943% | 1901 | 0.307506 | 3.251972 | 3.0255% | 1900 |
| 0.298475 | 3.350360 | 0.6278% | 1899 | 0.296613 | 3.371395 | 1.7757% | 1898 |
| 0.291438 | 3.431260 | 1.8078% | 1897 | 0.286263 | 3.493288 | 1.8396% | 1896 |
| 0.281092 | 3.557551 | 1.8755% | 1895 | 0.275917 | 3.624274 | 1.9114% | 1894 |
| 0.270742 | 3.693548 | 1.9486% | 1893 | 0.265567 | 3.765522 | 1.9858% | 1892 |
| 0.260396 | 3.840298 | 2.0276% | 1891 | 0.255222 | 3.918165 | 2.6465% | 1890 |
| 0.248641 | 4.021860 | 1.5328% | 1889 | 0.244888 | 4.083507 | 2.0811% | 1888 |
| 0.239895 | 4.168490 | 2.1599% | 1887 | 0.234823 | 4.258524 | 2.2075% | 1886 |
| 0.229751 | 4.352532 | 2.2592% | 1885 | 0.224676 | 4.450863 | 2.3095% | 1884 |
| 0.219604 | 4.553658 | 2.3641% | 1883 | 0.214532 | 4.661312 | 2.4214% | 1882 |
| 0.209460 | 4.774181 | 2.4815% | 1881 | 0.204388 | 4.892651 | 3.7644% | 1880 |
| 0.196973 | 5.076829 | 0.9432% | 1879 | 0.195133 | 5.124715 | 2.1464% | 1878 |
| 0.191032 | 5.234712 | 2.1913% | 1877 | 0.186936 | 5.349420 | 2.2426% | 1876 |
| 0.182836 | 5.469386 | 2.2941% | 1875 | 0.178736 | 5.594857 | 2.3456% | 1874 |
| 0.174639 | 5.726090 | 2.4043% | 1873 | 0.170539 | 5.863763 | 2.4635% | 1872 |
| 0.166439 | 6.008220 | 2.5258% | 1871 | 0.162338 | 6.159974 | 5.9947% | 1870 |
| 0.153157 | 6.529244 | -1.0968% | 1869 | 0.154856 | 6.457632 | 2.1930% | 1868 |
| 0.151532 | 6.599246 | 2.2394% | 1867 | 0.148213 | 6.747030 | 2.2935% | 1866 |
| 0.144890 | 6.901773 | 2.3445% | 1865 | 0.141571 | 7.063584 | 2.4037% | 1864 |
| 0.138248 | 7.233371 | 2.4599% | 1863 | 0.134929 | 7.411303 | 2.5250% | 1862 |
| 0.131606 | 7.598439 | 2.5872% | 1861 | 0.128287 | 7.795030 | 2.9504% | 1860 |
| 0.124610 | 8.025015 | 2.4012% | 1859 | 0.121688 | 8.217714 | 2.7627% | 1858 |
| 0.118417 | 8.444746 | 2.8412% | 1857 | 0.115145 | 8.684678 | 2.9243% | 1856 |
| 0.111874 | 8.938643 | 3.0161% | 1855 | 0.108598 | 9.208245 | 3.1061% | 1854 |
| 0.105327 | 9.494258 | 3.2056% | 1853 | 0.102055 | 9.798609 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.098784 | 10.123118 | 3.4252% | 1851 | 0.095512 | 10.469858 | 4.0106% | 1850 |
| 0.091829 | 10.889763 | 2.3254% | 1849 | 0.089743 | 11.142990 | 2.7841% | 1848 |
| 0.087312 | 11.453220 | 2.8590% | 1847 | 0.084885 | 11.780669 | 2.9432% | 1846 |
| 0.082458 | 12.127393 | 3.0324% | 1845 | 0.080031 | 12.495144 | 3.1325% | 1844 |
| 0.077600 | 12.886555 | 3.2284% | 1843 | 0.075173 | 13.302580 | 3.3361% | 1842 |
| 0.072747 | 13.746361 | 3.4512% | 1841 | 0.070320 | 14.220775 | 3.8105% | 1840 |
| 0.067738 | 14.762656 | 2.3861% | 1839 | 0.066160 | 15.114901 | 2.5824% | 1838 |
| 0.064494 | 15.505226 | 2.6573% | 1837 | 0.062825 | 15.917251 | 2.7232% | 1836 |
| 0.061159 | 16.350710 | 2.7994% | 1835 | 0.059494 | 16.808438 | 2.8871% | 1834 |
| 0.057824 | 17.293718 | 2.9657% | 1833 | 0.056159 | 17.806595 | 3.0563% | 1832 |
| 0.054493 | 18.350822 | 3.1604% | 1831 | 0.052824 | 18.930786 | 3.4660% | 1830 |
| 0.051054 | 19.586921 | 2.4653% | 1829 | 0.049826 | 20.069797 | 2.6804% | 1828 |
| 0.048525 | 20.607747 | 10.3427% | 1827 | 0.043977 | 22.739134 | -4.2314% | 1826 |
| 0.045920 | 21.776943 | 2.9150% | 1825 | 0.044619 | 22.411749 | 3.0026% | 1824 |
| 0.043319 | 23.084676 | 3.0955% | 1823 | 0.042018 | 23.799264 | 3.1944% | 1822 |
| 0.040717 | 24.559505 | 3.3102% | 1821 | 0.039413 | 25.372472 | 3.2277% | 1820 |
| 0.038180 | 26.191429 | 2.6573% | 1819 | 0.037192 | 26.887408 | 2.6261% | 1818 |
| 0.036240 | 27.593500 | 2.6969% | 1817 | 0.035289 | 28.337678 | 2.7717% | 1816 |
| 0.034337 | 29.123109 | 2.8507% | 1815 | 0.033385 | 29.953320 | 2.9343% | 1814 |
| 0.032434 | 30.832253 | 3.0231% | 1813 | 0.031482 | 31.764328 | 3.1039% | 1812 |
| 0.030534 | 32.750260 | 3.2172% | 1811 | 0.029582 | 33.803887 | 3.0969% | 1810 |
| 0.028694 | 34.850765 | 2.9144% | 1809 | 0.027881 | 35.866449 | 2.8225% | 1808 |
| 0.027116 | 36.878766 | 2.9199% | 1807 | 0.026347 | 37.955599 | 2.9918% | 1806 |
| 0.025581 | 39.091149 | 3.0841% | 1805 | 0.024816 | 40.296740 | 3.1822% | 1804 |
| 0.024051 | 41.579060 | 3.2868% | 1803 | 0.023285 | 42.945674 | 3.3985% | 1802 |
| 0.022520 | 44.405177 | 3.5180% | 1801 | 0.021755 | 45.967371 | 3.3999% | 1800 |
| 0.021039 | 47.530238 | 2.8419% | 1799 | 0.020458 | 48.880985 | 2.7485% | 1798 |
| 0.019911 | 50.224457 | 2.8261% | 1797 | 0.019363 | 51.643866 | 3.7832% | 1796 |
| 0.018658 | 53.597662 | 2.1272% | 1795 | 0.018269 | 54.737790 | 3.0879% | 1794 |
| 0.017722 | 56.428060 | 3.1625% | 1793 | 0.017178 | 58.212604 | 3.2904% | 1792 |

0.016631 60.128040 3.4024% 1791 0.016084 62.173817 3.2296% 1790
0.015581 64.181759 41.3145% 1780 0.011026 90.698101 29.4353% 1770
0.008518 117.395373 83.4728% 1750 0.004643 215.388623 29.2845%
1740 0.003591 278.464002 94.2514% 1720 0.001849 540.920206
85.8111% 1700 0.000995 1005.089677 19.2490% 1690 0.000834
1198.559886 88.0250% 1670 0.000444 2253.592493

BASE YEAR: 1990

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.210260 0.826269 8.2857% 2001 1.117655 0.894730 1.0000%
2000 1.106589 0.903678 1.0000% 1999 1.095633 0.912715 1.0000% 1998
1.084785 0.921842 1.0000% 1997 1.074044 0.931060 1.0000% 1996
1.063410 0.940371 1.0000% 1995 1.052882 0.949774 0.9992% 1994
1.042465 0.959265 1.0008% 1993 1.032136 0.968865 1.0000% 1992
1.021916 0.978554 0.9295% 1991 1.012505 0.987649 1.2505% 1990
1.000000 1.000000 0.7224% 1989 0.992827 1.007224 1.1077% 1988
0.981951 1.018381 0.8834% 1987 0.973352 1.027377 0.5594% 1986
0.967938 1.033124 1.3056% 1985 0.955463 1.046613 0.7673% 1984
0.948188 1.054643 0.8149% 1983 0.940523 1.063238 0.9737% 1982
0.931453 1.073591 0.9508% 1981 0.922680 1.083799 0.9031% 1980
0.914422 1.093586 2.2701% 1979 0.894125 1.118412 1.0042% 1978
0.885236 1.129642 0.9896% 1977 0.876561 1.140821 0.9103% 1976
0.868654 1.151207 0.8394% 1975 0.861423 1.160870 0.9042% 1974
0.853704 1.171367 1.1568% 1973 0.843941 1.184917 0.9427% 1972
0.836059 1.196087 0.7426% 1971 0.829896 1.204970 1.4697% 1970
0.817876 1.222680 0.6968% 1969 0.812216 1.231200 0.8565% 1968
0.805318 1.241745 1.5090% 1967 0.793346 1.260484 0.9949% 1966
0.785531 1.273024 1.0575% 1965 0.777311 1.286486 1.1300% 1964
0.768626 1.301024 1.5537% 1963 0.756866 1.321237 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.745932 | 1.340604 | 1.5364% | 1961 | 0.734645 | 1.361201 | 2.1586% | 1960 |
| 0.719122 | 1.390585 | -1.6655% | 1959 | 0.731302 | 1.367425 | 4.3080% | 1958 |
| 0.701098 | 1.426334 | 2.1130% | 1957 | 0.686591 | 1.456471 | 1.9895% | 1956 |
| 0.673198 | 1.485448 | 2.1231% | 1955 | 0.659202 | 1.516985 | 1.4496% | 1954 |
| 0.649783 | 1.538976 | 2.1573% | 1953 | 0.636061 | 1.572175 | 1.2298% | 1952 |
| 0.628334 | 1.591509 | 1.6814% | 1951 | 0.617944 | 1.618268 | 1.6233% | 1950 |
| 0.608074 | 1.644537 | 1.4265% | 1949 | 0.599521 | 1.667997 | 1.7790% | 1948 |
| 0.589042 | 1.697672 | 1.8242% | 1947 | 0.578489 | 1.728640 | -2.6320% | 1946 |
| 0.594127 | 1.683141 | 3.1768% | 1945 | 0.575834 | 1.736612 | 6.4754% | 1944 |
| 0.540814 | 1.849064 | -0.3437% | 1943 | 0.542679 | 1.842710 | 0.6562% | 1942 |
| 0.539141 | 1.854802 | 0.6633% | 1941 | 0.535589 | 1.867105 | -5.6614% | 1940 |
| 0.567730 | 1.761400 | 8.0381% | 1939 | 0.525491 | 1.902983 | 0.8126% | 1938 |
| 0.521255 | 1.918447 | 0.7762% | 1937 | 0.517240 | 1.933339 | 0.6029% | 1936 |
| 0.514140 | 1.944995 | 0.5244% | 1935 | 0.511458 | 1.955194 | -3.0364% | 1934 |
| 0.527474 | 1.895827 | 4.6271% | 1933 | 0.504147 | 1.983550 | 1.3921% | 1932 |
| 0.497225 | 2.011163 | -0.2051% | 1931 | 0.498247 | 2.007038 | 0.8886% | 1930 |
| 0.493858 | 2.024873 | 1.0126% | 1929 | 0.488908 | 2.045377 | 1.1526% | 1928 |
| 0.483337 | 2.068951 | 1.2160% | 1927 | 0.477530 | 2.094110 | 1.4086% | 1926 |
| 0.470897 | 2.123607 | 1.7667% | 1925 | 0.462722 | 2.161125 | 1.4465% | 1924 |
| 0.456124 | 2.192385 | 1.7700% | 1923 | 0.448191 | 2.231190 | 1.6165% | 1922 |
| 0.441061 | 2.267258 | 1.3736% | 1921 | 0.435085 | 2.298402 | 2.3393% | 1920 |
| 0.425140 | 2.352168 | 1.3140% | 1919 | 0.419626 | 2.383076 | 0.7676% | 1918 |
| 0.416429 | 2.401370 | 0.3870% | 1917 | 0.414824 | 2.410663 | 1.3274% | 1916 |
| 0.409389 | 2.442663 | 1.4083% | 1915 | 0.403704 | 2.477062 | 1.4458% | 1914 |
| 0.397950 | 2.512876 | 1.9424% | 1913 | 0.390368 | 2.561686 | 1.9857% | 1912 |
| 0.382767 | 2.612552 | 1.5634% | 1911 | 0.376875 | 2.653397 | 1.8169% | 1910 |
| 0.370150 | 2.701607 | 1.8781% | 1909 | 0.363327 | 2.752345 | 2.0082% | 1908 |
| 0.356174 | 2.807619 | 1.9603% | 1907 | 0.349326 | 2.862655 | 1.8264% | 1906 |
| 0.343061 | 2.914937 | 1.9357% | 1905 | 0.336546 | 2.971361 | 2.0148% | 1904 |
| 0.329899 | 3.031229 | 2.1335% | 1903 | 0.323008 | 3.095901 | 1.8151% | 1902 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.317249 | 3.152096 | 1.8943% | 1901 | 0.311351 | 3.211808 | 3.0255% | 1900 |
| 0.302208 | 3.308981 | 0.6278% | 1899 | 0.300322 | 3.329756 | 1.7757% | 1898 |
| 0.295083 | 3.388881 | 1.8078% | 1897 | 0.289843 | 3.450144 | 1.8396% | 1896 |
| 0.284607 | 3.513613 | 1.8755% | 1895 | 0.279368 | 3.579512 | 1.9114% | 1894 |
| 0.274128 | 3.647930 | 1.9486% | 1893 | 0.268888 | 3.719015 | 1.9858% | 1892 |
| 0.263653 | 3.792867 | 2.0276% | 1891 | 0.258413 | 3.869773 | 2.6465% | 1890 |
| 0.251750 | 3.972187 | 1.5328% | 1889 | 0.247950 | 4.033073 | 2.0811% | 1888 |
| 0.242895 | 4.117007 | 2.1599% | 1887 | 0.237760 | 4.205928 | 2.2075% | 1886 |
| 0.232624 | 4.298775 | 2.2592% | 1885 | 0.227485 | 4.395892 | 2.3095% | 1884 |
| 0.222350 | 4.497417 | 2.3641% | 1883 | 0.217215 | 4.603742 | 2.4214% | 1882 |
| 0.212079 | 4.715216 | 2.4815% | 1881 | 0.206944 | 4.832223 | 3.7644% | 1880 |
| 0.199437 | 5.014127 | 0.9432% | 1879 | 0.197573 | 5.061422 | 2.1464% | 1878 |
| 0.193421 | 5.170059 | 2.1913% | 1877 | 0.189274 | 5.283351 | 2.2426% | 1876 |
| 0.185122 | 5.401836 | 2.2941% | 1875 | 0.180971 | 5.525757 | 2.3456% | 1874 |
| 0.176823 | 5.655369 | 2.4043% | 1873 | 0.172672 | 5.791342 | 2.4635% | 1872 |
| 0.168520 | 5.934014 | 2.5258% | 1871 | 0.164368 | 6.083894 | 5.9947% | 1870 |
| 0.155072 | 6.448603 | -1.0968% | 1869 | 0.156792 | 6.377876 | 2.1930% | 1868 |
| 0.153427 | 6.517741 | 2.2394% | 1867 | 0.150067 | 6.663700 | 2.2935% | 1866 |
| 0.146702 | 6.816532 | 2.3445% | 1865 | 0.143342 | 6.976343 | 2.4037% | 1864 |
| 0.139977 | 7.144033 | 2.4599% | 1863 | 0.136616 | 7.319768 | 2.5250% | 1862 |
| 0.133252 | 7.504593 | 2.5872% | 1861 | 0.129891 | 7.698755 | 2.9504% | 1860 |
| 0.126169 | 7.925900 | 2.4012% | 1859 | 0.123210 | 8.116220 | 2.7627% | 1858 |
| 0.119898 | 8.340447 | 2.8412% | 1857 | 0.116585 | 8.577416 | 2.9243% | 1856 |
| 0.113273 | 8.828245 | 3.0161% | 1855 | 0.109956 | 9.094517 | 3.1061% | 1854 |
| 0.106644 | 9.376998 | 3.2056% | 1853 | 0.103332 | 9.677589 | 3.3118% | 1852 |
| 0.100019 | 9.998091 | 3.4252% | 1851 | 0.096707 | 10.340548 | 4.0106% | 1850 |
| 0.092978 | 10.755266 | 2.3254% | 1849 | 0.090865 | 11.005366 | 2.7841% | 1848 |
| 0.088404 | 11.311765 | 2.8590% | 1847 | 0.085946 | 11.635169 | 2.9432% | 1846 |
| 0.083489 | 11.977611 | 3.0324% | 1845 | 0.081032 | 12.340820 | 3.1325% | 1844 |
| 0.078571 | 12.727397 | 3.2284% | 1843 | 0.076113 | 13.138283 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.073656 | 13.576584 | 3.4512% | 1841 | 0.071199 | 14.045138 | 3.8105% | 1840 |
| 0.068586 | 14.580327 | 2.3861% | 1839 | 0.066987 | 14.928221 | 2.5824% | 1838 |
| 0.065301 | 15.313726 | 2.6573% | 1837 | 0.063611 | 15.720661 | 2.7232% | 1836 |
| 0.061924 | 16.148767 | 2.7994% | 1835 | 0.060238 | 16.600842 | 2.8871% | 1834 |
| 0.058548 | 17.080129 | 2.9657% | 1833 | 0.056861 | 17.586671 | 3.0563% | 1832 |
| 0.055175 | 18.124177 | 3.1604% | 1831 | 0.053485 | 18.696977 | 3.4660% | 1830 |
| 0.051693 | 19.345008 | 2.4653% | 1829 | 0.050449 | 19.821921 | 2.6804% | 1828 |
| 0.049132 | 20.353227 | 10.3427% | 1827 | 0.044527 | 22.458290 | -4.2314% | 1826 |
| 0.046494 | 21.507982 | 2.9150% | 1825 | 0.045177 | 22.134948 | 3.0026% | 1824 |
| 0.043860 | 22.799564 | 3.0955% | 1823 | 0.042544 | 23.505326 | 3.1944% | 1822 |
| 0.041227 | 24.256178 | 3.3102% | 1821 | 0.039906 | 25.059104 | 3.2277% | 1820 |
| 0.038658 | 25.867947 | 2.6573% | 1819 | 0.037657 | 26.555330 | 2.6261% | 1818 |
| 0.036694 | 27.252701 | 2.6969% | 1817 | 0.035730 | 27.987688 | 2.7717% | 1816 |
| 0.034766 | 28.763418 | 2.8507% | 1815 | 0.033803 | 29.583375 | 2.9343% | 1814 |
| 0.032839 | 30.451453 | 3.0231% | 1813 | 0.031876 | 31.372016 | 3.1039% | 1812 |
| 0.030916 | 32.345771 | 3.2172% | 1811 | 0.029952 | 33.386386 | 3.0969% | 1810 |
| 0.029053 | 34.420334 | 2.9144% | 1809 | 0.028230 | 35.423473 | 2.8225% | 1808 |
| 0.027455 | 36.423287 | 2.9199% | 1807 | 0.026676 | 37.486821 | 2.9918% | 1806 |
| 0.025901 | 38.608345 | 3.0841% | 1805 | 0.025126 | 39.799047 | 3.1822% | 1804 |
| 0.024351 | 41.065529 | 3.2868% | 1803 | 0.023576 | 42.415265 | 3.3985% | 1802 |
| 0.022802 | 43.856742 | 3.5180% | 1801 | 0.022027 | 45.399642 | 3.3999% | 1800 |
| 0.021302 | 46.943206 | 2.8419% | 1799 | 0.020714 | 48.277270 | 2.7485% | 1798 |
| 0.020160 | 49.604150 | 2.8261% | 1797 | 0.019606 | 51.006028 | 3.7832% | 1796 |
| 0.018891 | 52.935693 | 2.1272% | 1795 | 0.018497 | 54.061740 | 3.0879% | 1794 |
| 0.017943 | 55.731134 | 3.1625% | 1793 | 0.017393 | 57.493637 | 3.2904% | 1792 |
| 0.016839 | 59.385416 | 3.4024% | 1791 | 0.016285 | 61.405926 | 3.2296% | 1790 |
| 0.015776 | 63.389069 | 41.3145% | 1780 | 0.011163 | 89.577915 | 29.4353% | 1770 |
| 0.008625 | 115.945457 | 83.4728% | 1750 | 0.004701 | 212.728422 | 29.2845% | 1740 |
| 0.003636 | 275.024775 | 94.2514% | 1720 | 0.001872 | 534.239459 | | |

85.8111% 1700 0.001007 992.676110 19.2490% 1690 0.000845
 1183.756825 88.0250% 1670 0.000449 2225.759035

BASE YEAR: 1989

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 1.219004 | 0.820342 | 8.2857% | 2001 | 1.125730 | 0.888313 | 1.0000% |
| 2000 | 1.114584 | 0.897196 | 1.0000% | 1999 | 1.103548 | 0.906168 | 1.0000% |
| 1998 | 1.092622 | 0.915230 | 1.0000% | 1997 | 1.081804 | 0.924382 | 1.0000% |
| 1996 | 1.071093 | 0.933626 | 1.0000% | 1995 | 1.060488 | 0.942962 | 0.9992% |
| 1994 | 1.049996 | 0.952384 | 1.0008% | 1993 | 1.039592 | 0.961916 | 1.0000% |
| 1992 | 1.029299 | 0.971535 | 0.9295% | 1991 | 1.019820 | 0.980565 | 1.2505% |
| 1990 | 1.007224 | 0.992827 | 0.7224% | 1989 | 1.000000 | 1.000000 | 1.1077% |
| 1988 | 0.989045 | 1.011077 | 0.8834% | 1987 | 0.980384 | 1.020008 | 0.5594% |
| 1986 | 0.974931 | 1.025714 | 1.3056% | 1985 | 0.962366 | 1.039106 | 0.7673% |
| 1984 | 0.955038 | 1.047079 | 0.8149% | 1983 | 0.947318 | 1.055612 | 0.9737% |
| 1982 | 0.938182 | 1.065891 | 0.9508% | 1981 | 0.929346 | 1.076025 | 0.9031% |
| 1980 | 0.921029 | 1.085743 | 2.2701% | 1979 | 0.900585 | 1.110390 | 1.0042% |
| 1978 | 0.891631 | 1.121540 | 0.9896% | 1977 | 0.882894 | 1.132639 | 0.9103% |
| 1976 | 0.874929 | 1.142950 | 0.8394% | 1975 | 0.867646 | 1.152544 | 0.9042% |
| 1974 | 0.859871 | 1.162965 | 1.1568% | 1973 | 0.850038 | 1.176418 | 0.9427% |
| 1972 | 0.842100 | 1.187508 | 0.7426% | 1971 | 0.835892 | 1.196327 | 1.4697% |
| 1970 | 0.823784 | 1.213910 | 0.6968% | 1969 | 0.818084 | 1.222369 | 0.8565% |
| 1968 | 0.811136 | 1.232839 | 1.5090% | 1967 | 0.799078 | 1.251443 | 0.9949% |
| 1966 | 0.791206 | 1.263893 | 1.0575% | 1965 | 0.782927 | 1.277259 | 1.1300% |
| 1964 | 0.774178 | 1.291692 | 1.5537% | 1963 | 0.762334 | 1.311760 | 1.4658% |
| 1962 | 0.751321 | 1.330988 | 1.5364% | 1961 | 0.739953 | 1.351438 | 2.1586% |
| 1960 | 0.724317 | 1.380611 | -1.6655% | 1959 | 0.736585 | 1.357617 | 4.3080% |
| 1958 | 0.706163 | 1.416103 | 2.1130% | 1957 | 0.691551 | 1.446025 | 1.9895% |
| 1956 | 0.678061 | 1.474793 | 2.1231% | 1955 | 0.663965 | 1.506104 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.654477 | 1.527937 | 2.1573% | 1953 | 0.640657 | 1.560899 | 1.2298% | 1952 |
| 0.632874 | 1.580094 | 1.6814% | 1951 | 0.622409 | 1.606661 | 1.6233% | 1950 |
| 0.612467 | 1.632742 | 1.4265% | 1949 | 0.603853 | 1.656033 | 1.7790% | 1948 |
| 0.593298 | 1.685495 | 1.8242% | 1947 | 0.582669 | 1.716241 | -2.6320% | 1946 |
| 0.598419 | 1.671069 | 3.1768% | 1945 | 0.579994 | 1.724155 | 6.4754% | 1944 |
| 0.544721 | 1.835802 | -0.3437% | 1943 | 0.546600 | 1.829492 | 0.6562% | 1942 |
| 0.543036 | 1.841498 | 0.6633% | 1941 | 0.539458 | 1.853713 | -5.6614% | 1940 |
| 0.571832 | 1.748766 | 8.0381% | 1939 | 0.529287 | 1.889334 | 0.8126% | 1938 |
| 0.525021 | 1.904687 | 0.7762% | 1937 | 0.520977 | 1.919472 | 0.6029% | 1936 |
| 0.517855 | 1.931044 | 0.5244% | 1935 | 0.515153 | 1.941170 | -3.0364% | 1934 |
| 0.531285 | 1.882229 | 4.6271% | 1933 | 0.507789 | 1.969322 | 1.3921% | 1932 |
| 0.500817 | 1.996738 | -0.2051% | 1931 | 0.501846 | 1.992643 | 0.8886% | 1930 |
| 0.497426 | 2.010349 | 1.0126% | 1929 | 0.492440 | 2.030706 | 1.1526% | 1928 |
| 0.486828 | 2.054112 | 1.2160% | 1927 | 0.480980 | 2.079090 | 1.4086% | 1926 |
| 0.474299 | 2.108375 | 1.7667% | 1925 | 0.466065 | 2.145624 | 1.4465% | 1924 |
| 0.459419 | 2.176660 | 1.7700% | 1923 | 0.451429 | 2.215186 | 1.6165% | 1922 |
| 0.444248 | 2.250995 | 1.3736% | 1921 | 0.438228 | 2.281916 | 2.3393% | 1920 |
| 0.428211 | 2.335297 | 1.3140% | 1919 | 0.422657 | 2.365983 | 0.7676% | 1918 |
| 0.419437 | 2.384145 | 0.3870% | 1917 | 0.417821 | 2.393372 | 1.3274% | 1916 |
| 0.412347 | 2.425142 | 1.4083% | 1915 | 0.406621 | 2.459295 | 1.4458% | 1914 |
| 0.400825 | 2.494852 | 1.9424% | 1913 | 0.393188 | 2.543311 | 1.9857% | 1912 |
| 0.385533 | 2.593813 | 1.5634% | 1911 | 0.379598 | 2.634365 | 1.8169% | 1910 |
| 0.372824 | 2.682229 | 1.8781% | 1909 | 0.365951 | 2.732603 | 2.0082% | 1908 |
| 0.358747 | 2.787480 | 1.9603% | 1907 | 0.351850 | 2.842122 | 1.8264% | 1906 |
| 0.345539 | 2.894029 | 1.9357% | 1905 | 0.338977 | 2.950048 | 2.0148% | 1904 |
| 0.332283 | 3.009487 | 2.1335% | 1903 | 0.325341 | 3.073695 | 1.8151% | 1902 |
| 0.319541 | 3.129487 | 1.8943% | 1901 | 0.313600 | 3.188771 | 3.0255% | 1900 |
| 0.304391 | 3.285247 | 0.6278% | 1899 | 0.302492 | 3.305873 | 1.7757% | 1898 |
| 0.297214 | 3.364574 | 1.8078% | 1897 | 0.291937 | 3.425397 | 1.8396% | 1896 |
| 0.286663 | 3.488411 | 1.8755% | 1895 | 0.281386 | 3.553837 | 1.9114% | 1894 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.276108 | 3.621765 | 1.9486% | 1893 | 0.270831 | 3.692340 | 1.9858% | 1892 |
| 0.265558 | 3.765663 | 2.0276% | 1891 | 0.260280 | 3.842016 | 2.6465% | 1890 |
| 0.253569 | 3.943696 | 1.5328% | 1889 | 0.249741 | 4.004145 | 2.0811% | 1888 |
| 0.244650 | 4.087477 | 2.1599% | 1887 | 0.239477 | 4.175760 | 2.2075% | 1886 |
| 0.234305 | 4.267942 | 2.2592% | 1885 | 0.229129 | 4.364362 | 2.3095% | 1884 |
| 0.223956 | 4.465158 | 2.3641% | 1883 | 0.218784 | 4.570721 | 2.4214% | 1882 |
| 0.213612 | 4.681396 | 2.4815% | 1881 | 0.208439 | 4.797563 | 3.7644% | 1880 |
| 0.200877 | 4.978162 | 0.9432% | 1879 | 0.199000 | 5.025118 | 2.1464% | 1878 |
| 0.194819 | 5.132976 | 2.1913% | 1877 | 0.190641 | 5.245455 | 2.2426% | 1876 |
| 0.186460 | 5.363090 | 2.2941% | 1875 | 0.182278 | 5.486123 | 2.3456% | 1874 |
| 0.178101 | 5.614805 | 2.4043% | 1873 | 0.173919 | 5.749802 | 2.4635% | 1872 |
| 0.169737 | 5.891451 | 2.5258% | 1871 | 0.165556 | 6.040256 | 5.9947% | 1870 |
| 0.156193 | 6.402350 | -1.0968% | 1869 | 0.157925 | 6.332130 | 2.1930% | 1868 |
| 0.154536 | 6.470992 | 2.2394% | 1867 | 0.151151 | 6.615903 | 2.2935% | 1866 |
| 0.147762 | 6.767639 | 2.3445% | 1865 | 0.144377 | 6.926305 | 2.4037% | 1864 |
| 0.140988 | 7.092792 | 2.4599% | 1863 | 0.137603 | 7.267266 | 2.5250% | 1862 |
| 0.134214 | 7.450765 | 2.5872% | 1861 | 0.130830 | 7.643535 | 2.9504% | 1860 |
| 0.127080 | 7.869050 | 2.4012% | 1859 | 0.124100 | 8.058005 | 2.7627% | 1858 |
| 0.120764 | 8.280624 | 2.8412% | 1857 | 0.117427 | 8.515894 | 2.9243% | 1856 |
| 0.114091 | 8.764923 | 3.0161% | 1855 | 0.110751 | 9.029285 | 3.1061% | 1854 |
| 0.107414 | 9.309740 | 3.2056% | 1853 | 0.104078 | 9.608175 | 3.3118% | 1852 |
| 0.100742 | 9.926378 | 3.4252% | 1851 | 0.097405 | 10.266379 | 4.0106% | 1850 |
| 0.093649 | 10.678123 | 2.3254% | 1849 | 0.091521 | 10.926428 | 2.7841% | 1848 |
| 0.089042 | 11.230629 | 2.8590% | 1847 | 0.086567 | 11.551714 | 2.9432% | 1846 |
| 0.084092 | 11.891700 | 3.0324% | 1845 | 0.081617 | 12.252304 | 3.1325% | 1844 |
| 0.079138 | 12.636108 | 3.2284% | 1843 | 0.076663 | 13.044047 | 3.3361% | 1842 |
| 0.074188 | 13.479204 | 3.4512% | 1841 | 0.071713 | 13.944397 | 3.8105% | 1840 |
| 0.069081 | 14.475747 | 2.3861% | 1839 | 0.067471 | 14.821146 | 2.5824% | 1838 |
| 0.065773 | 15.203886 | 2.6573% | 1837 | 0.064070 | 15.607903 | 2.7232% | 1836 |
| 0.062372 | 16.032938 | 2.7994% | 1835 | 0.060673 | 16.481770 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.058971 | 16.957619 | 2.9657% | 1833 | 0.057272 | 17.460528 | 3.0563% | 1832 |
| 0.055574 | 17.994178 | 3.1604% | 1831 | 0.053871 | 18.562871 | 3.4660% | 1830 |
| 0.052066 | 19.206253 | 2.4653% | 1829 | 0.050814 | 19.679745 | 2.6804% | 1828 |
| 0.049487 | 20.207240 | 10.3427% | 1827 | 0.044849 | 22.297205 | -4.2314% | 1826 |
| 0.046830 | 21.353713 | 2.9150% | 1825 | 0.045504 | 21.976182 | 3.0026% | 1824 |
| 0.044177 | 22.636031 | 3.0955% | 1823 | 0.042851 | 23.336731 | 3.1944% | 1822 |
| 0.041524 | 24.082197 | 3.3102% | 1821 | 0.040194 | 24.879364 | 3.2277% | 1820 |
| 0.038937 | 25.682405 | 2.6573% | 1819 | 0.037929 | 26.364858 | 2.6261% | 1818 |
| 0.036959 | 27.057227 | 2.6969% | 1817 | 0.035988 | 27.786942 | 2.7717% | 1816 |
| 0.035018 | 28.557108 | 2.8507% | 1815 | 0.034047 | 29.371184 | 2.9343% | 1814 |
| 0.033076 | 30.233036 | 3.0231% | 1813 | 0.032106 | 31.146996 | 3.1039% | 1812 |
| 0.031139 | 32.113766 | 3.2172% | 1811 | 0.030169 | 33.146917 | 3.0969% | 1810 |
| 0.029262 | 34.173449 | 2.9144% | 1809 | 0.028434 | 35.169393 | 2.8225% | 1808 |
| 0.027653 | 36.162036 | 2.9199% | 1807 | 0.026869 | 37.217941 | 2.9918% | 1806 |
| 0.026088 | 38.331421 | 3.0841% | 1805 | 0.025308 | 39.513583 | 3.1822% | 1804 |
| 0.024527 | 40.770981 | 3.2868% | 1803 | 0.023747 | 42.111035 | 3.3985% | 1802 |
| 0.022966 | 43.542173 | 3.5180% | 1801 | 0.022186 | 45.074007 | 3.3999% | 1800 |
| 0.021456 | 46.606499 | 2.8419% | 1799 | 0.020863 | 47.930994 | 2.7485% | 1798 |
| 0.020305 | 49.248357 | 2.8261% | 1797 | 0.019747 | 50.640180 | 3.7832% | 1796 |
| 0.019027 | 52.556004 | 2.1272% | 1795 | 0.018631 | 53.673974 | 3.0879% | 1794 |
| 0.018073 | 55.331394 | 3.1625% | 1793 | 0.017519 | 57.081256 | 3.2904% | 1792 |
| 0.016961 | 58.959466 | 3.4024% | 1791 | 0.016403 | 60.965483 | 3.2296% | 1790 |
| 0.015890 | 62.934402 | 41.3145% | 1780 | 0.011244 | 88.935405 | 29.4353% | 1770 |
| 0.008687 | 115.113822 | 83.4728% | 1750 | 0.004735 | 211.202597 | 29.2845% | 1740 |
| 0.003662 | 273.052120 | 94.2514% | 1720 | 0.001885 | 530.407550 | 85.8111% | 1700 |
| 0.001015 | 985.555998 | 19.2490% | 1690 | 0.000851 | 1175.266160 | 88.0250% | 1670 |
| 0.000453 | 2209.794459 | | | | | | |

BASE YEAR: 1988

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.232506 | 0.811355 | 8.2857% | 2001 | 1.138199 | 0.878581 | 1.0000% |
| 2000 | 1.126930 | 0.887367 | 1.0000% | 1999 | 1.115772 | 0.896241 | 1.0000% |
| 1998 | 1.104725 | 0.905203 | 1.0000% | 1997 | 1.093787 | 0.914255 | 1.0000% |
| 1996 | 1.082957 | 0.923398 | 1.0000% | 1995 | 1.072235 | 0.932632 | 0.9992% |
| 1994 | 1.061627 | 0.941951 | 1.0008% | 1993 | 1.051108 | 0.951377 | 1.0000% |
| 1992 | 1.040701 | 0.960891 | 0.9295% | 1991 | 1.031116 | 0.969823 | 1.2505% |
| 1990 | 1.018381 | 0.981951 | 0.7224% | 1989 | 1.011077 | 0.989045 | 1.1077% |
| 1988 | 1.000000 | 1.000000 | 0.8834% | 1987 | 0.991244 | 1.008834 | 0.5594% |
| 1986 | 0.985730 | 1.014477 | 1.3056% | 1985 | 0.973026 | 1.027722 | 0.7673% |
| 1984 | 0.965617 | 1.035608 | 0.8149% | 1983 | 0.957811 | 1.044047 | 0.9737% |
| 1982 | 0.948574 | 1.054214 | 0.9508% | 1981 | 0.939640 | 1.064237 | 0.9031% |
| 1980 | 0.931231 | 1.073848 | 2.2701% | 1979 | 0.910560 | 1.098225 | 1.0042% |
| 1978 | 0.901508 | 1.109253 | 0.9896% | 1977 | 0.892674 | 1.120230 | 0.9103% |
| 1976 | 0.884621 | 1.130428 | 0.8394% | 1975 | 0.877257 | 1.139917 | 0.9042% |
| 1974 | 0.869396 | 1.150224 | 1.1568% | 1973 | 0.859454 | 1.163530 | 0.9427% |
| 1972 | 0.851427 | 1.174499 | 0.7426% | 1971 | 0.845151 | 1.183221 | 1.4697% |
| 1970 | 0.832909 | 1.200611 | 0.6968% | 1969 | 0.827146 | 1.208977 | 0.8565% |
| 1968 | 0.820121 | 1.219332 | 1.5090% | 1967 | 0.807929 | 1.237733 | 0.9949% |
| 1966 | 0.799970 | 1.250047 | 1.0575% | 1965 | 0.791599 | 1.263266 | 1.1300% |
| 1964 | 0.782754 | 1.277541 | 1.5537% | 1963 | 0.770779 | 1.297389 | 1.4658% |
| 1962 | 0.759644 | 1.316407 | 1.5364% | 1961 | 0.748149 | 1.336633 | 2.1586% |
| 1960 | 0.732340 | 1.365486 | -1.6655% | 1959 | 0.744744 | 1.342744 | 4.3080% |
| 1958 | 0.713985 | 1.400589 | 2.1130% | 1957 | 0.699211 | 1.430183 | 1.9895% |
| 1956 | 0.685572 | 1.458636 | 2.1231% | 1955 | 0.671319 | 1.489605 | 1.4496% |
| 1954 | 0.661727 | 1.511198 | 2.1573% | 1953 | 0.647753 | 1.543798 | 1.2298% |
| 1952 | 0.639884 | 1.562783 | 1.6814% | 1951 | 0.629303 | 1.589060 | 1.6233% |
| 1950 | 0.619251 | 1.614854 | 1.4265% | 1949 | 0.610541 | 1.637891 | 1.7790% |
| 1948 | 0.599869 | 1.667030 | 1.8242% | 1947 | 0.589123 | 1.697439 | -2.6320% |
| 1946 | 0.605048 | 1.652762 | 3.1768% | 1945 | 0.586419 | 1.705267 | 6.4754% |
| 1944 | 0.550755 | 1.815690 | -0.3437% | 1943 | 0.552654 | 1.809450 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.549051 | 1.821324 | 0.6633% | 1941 | 0.545433 | 1.833405 | -5.6614% | 1940 |
| 0.578166 | 1.729608 | 8.0381% | 1939 | 0.535150 | 1.868635 | 0.8126% | 1938 |
| 0.530836 | 1.883821 | 0.7762% | 1937 | 0.526747 | 1.898444 | 0.6029% | 1936 |
| 0.523591 | 1.909889 | 0.5244% | 1935 | 0.520859 | 1.919904 | -3.0364% | 1934 |
| 0.537170 | 1.861609 | 4.6271% | 1933 | 0.513414 | 1.947748 | 1.3921% | 1932 |
| 0.506364 | 1.974863 | -0.2051% | 1931 | 0.507405 | 1.970813 | 0.8886% | 1930 |
| 0.502936 | 1.988325 | 1.0126% | 1929 | 0.497894 | 2.008459 | 1.1526% | 1928 |
| 0.492221 | 2.031608 | 1.2160% | 1927 | 0.486307 | 2.056312 | 1.4086% | 1926 |
| 0.479553 | 2.085277 | 1.7667% | 1925 | 0.471227 | 2.122118 | 1.4465% | 1924 |
| 0.464508 | 2.152814 | 1.7700% | 1923 | 0.456430 | 2.190918 | 1.6165% | 1922 |
| 0.449169 | 2.226335 | 1.3736% | 1921 | 0.443082 | 2.256917 | 2.3393% | 1920 |
| 0.432954 | 2.309713 | 1.3140% | 1919 | 0.427339 | 2.340063 | 0.7676% | 1918 |
| 0.424083 | 2.358026 | 0.3870% | 1917 | 0.422449 | 2.367152 | 1.3274% | 1916 |
| 0.416914 | 2.398574 | 1.4083% | 1915 | 0.411125 | 2.432353 | 1.4458% | 1914 |
| 0.405265 | 2.467520 | 1.9424% | 1913 | 0.397543 | 2.515449 | 1.9857% | 1912 |
| 0.389803 | 2.565397 | 1.5634% | 1911 | 0.383803 | 2.605505 | 1.8169% | 1910 |
| 0.376954 | 2.652845 | 1.8781% | 1909 | 0.370005 | 2.702667 | 2.0082% | 1908 |
| 0.362721 | 2.756943 | 1.9603% | 1907 | 0.355747 | 2.810986 | 1.8264% | 1906 |
| 0.349366 | 2.862324 | 1.9357% | 1905 | 0.342732 | 2.917729 | 2.0148% | 1904 |
| 0.335963 | 2.976517 | 2.1335% | 1903 | 0.328945 | 3.040022 | 1.8151% | 1902 |
| 0.323081 | 3.095203 | 1.8943% | 1901 | 0.317074 | 3.153837 | 3.0255% | 1900 |
| 0.307763 | 3.249256 | 0.6278% | 1899 | 0.305843 | 3.269656 | 1.7757% | 1898 |
| 0.300507 | 3.327714 | 1.8078% | 1897 | 0.295171 | 3.387871 | 1.8396% | 1896 |
| 0.289839 | 3.450194 | 1.8755% | 1895 | 0.284503 | 3.514904 | 1.9114% | 1894 |
| 0.279167 | 3.582087 | 1.9486% | 1893 | 0.273831 | 3.651889 | 1.9858% | 1892 |
| 0.268499 | 3.724408 | 2.0276% | 1891 | 0.263163 | 3.799925 | 2.6465% | 1890 |
| 0.256378 | 3.900491 | 1.5328% | 1889 | 0.252507 | 3.960279 | 2.0811% | 1888 |
| 0.247360 | 4.042697 | 2.1599% | 1887 | 0.242130 | 4.130013 | 2.2075% | 1886 |
| 0.236900 | 4.221185 | 2.2592% | 1885 | 0.231667 | 4.316548 | 2.3095% | 1884 |
| 0.226437 | 4.416241 | 2.3641% | 1883 | 0.221207 | 4.520647 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.215978 | 4.630109 | 2.4815% | 1881 | 0.210748 | 4.745004 | 3.7644% | 1880 |
| 0.203102 | 4.923625 | 0.9432% | 1879 | 0.201205 | 4.970066 | 2.1464% | 1878 |
| 0.196977 | 5.076743 | 2.1913% | 1877 | 0.192753 | 5.187989 | 2.2426% | 1876 |
| 0.188525 | 5.304336 | 2.2941% | 1875 | 0.184297 | 5.426020 | 2.3456% | 1874 |
| 0.180073 | 5.553292 | 2.4043% | 1873 | 0.175845 | 5.686811 | 2.4635% | 1872 |
| 0.171618 | 5.826908 | 2.5258% | 1871 | 0.167390 | 5.974083 | 5.9947% | 1870 |
| 0.157923 | 6.332210 | -1.0968% | 1869 | 0.159674 | 6.262759 | 2.1930% | 1868 |
| 0.156248 | 6.400099 | 2.2394% | 1867 | 0.152825 | 6.543424 | 2.2935% | 1866 |
| 0.149399 | 6.693497 | 2.3445% | 1865 | 0.145976 | 6.850424 | 2.4037% | 1864 |
| 0.142550 | 7.015088 | 2.4599% | 1863 | 0.139128 | 7.187651 | 2.5250% | 1862 |
| 0.135701 | 7.369139 | 2.5872% | 1861 | 0.132279 | 7.559797 | 2.9504% | 1860 |
| 0.128488 | 7.782842 | 2.4012% | 1859 | 0.125475 | 7.969727 | 2.7627% | 1858 |
| 0.122102 | 8.189907 | 2.8412% | 1857 | 0.118728 | 8.422599 | 2.9243% | 1856 |
| 0.115355 | 8.668900 | 3.0161% | 1855 | 0.111977 | 8.930366 | 3.1061% | 1854 |
| 0.108604 | 9.207748 | 3.2056% | 1853 | 0.105231 | 9.502914 | 3.3118% | 1852 |
| 0.101858 | 9.817631 | 3.4252% | 1851 | 0.098484 | 10.153907 | 4.0106% | 1850 |
| 0.094687 | 10.561140 | 2.3254% | 1849 | 0.092535 | 10.806725 | 2.7841% | 1848 |
| 0.090028 | 11.107594 | 2.8590% | 1847 | 0.087526 | 11.425161 | 2.9432% | 1846 |
| 0.085024 | 11.761422 | 3.0324% | 1845 | 0.082521 | 12.118076 | 3.1325% | 1844 |
| 0.080015 | 12.497675 | 3.2284% | 1843 | 0.077513 | 12.901145 | 3.3361% | 1842 |
| 0.075010 | 13.331534 | 3.4512% | 1841 | 0.072508 | 13.791631 | 3.8105% | 1840 |
| 0.069846 | 14.317160 | 2.3861% | 1839 | 0.068219 | 14.658775 | 2.5824% | 1838 |
| 0.066501 | 15.037322 | 2.6573% | 1837 | 0.064780 | 15.436912 | 2.7232% | 1836 |
| 0.063062 | 15.857291 | 2.7994% | 1835 | 0.061345 | 16.301206 | 2.8871% | 1834 |
| 0.059624 | 16.771842 | 2.9657% | 1833 | 0.057906 | 17.269242 | 3.0563% | 1832 |
| 0.056189 | 17.797046 | 3.1604% | 1831 | 0.054468 | 18.359508 | 3.4660% | 1830 |
| 0.052643 | 18.995842 | 2.4653% | 1829 | 0.051377 | 19.464146 | 2.6804% | 1828 |
| 0.050035 | 19.985863 | 10.3427% | 1827 | 0.045345 | 22.052931 | -4.2314% | 1826 |
| 0.047349 | 21.119775 | 2.9150% | 1825 | 0.046008 | 21.735425 | 3.0026% | 1824 |
| 0.044667 | 22.388045 | 3.0955% | 1823 | 0.043326 | 23.081068 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.041984 | 23.818368 | 3.3102% | 1821 | 0.040639 | 24.606801 | 3.2277% | 1820 |
| 0.039368 | 25.401045 | 2.6573% | 1819 | 0.038349 | 26.076021 | 2.6261% | 1818 |
| 0.037368 | 26.760805 | 2.6969% | 1817 | 0.036387 | 27.482526 | 2.7717% | 1816 |
| 0.035405 | 28.244255 | 2.8507% | 1815 | 0.034424 | 29.049412 | 2.9343% | 1814 |
| 0.033443 | 29.901822 | 3.0231% | 1813 | 0.032461 | 30.805769 | 3.1039% | 1812 |
| 0.031484 | 31.761948 | 3.2172% | 1811 | 0.030503 | 32.783780 | 3.0969% | 1810 |
| 0.029587 | 33.799066 | 2.9144% | 1809 | 0.028749 | 34.784099 | 2.8225% | 1808 |
| 0.027960 | 35.765867 | 2.9199% | 1807 | 0.027166 | 36.810205 | 2.9918% | 1806 |
| 0.026377 | 37.911487 | 3.0841% | 1805 | 0.025588 | 39.080697 | 3.1822% | 1804 |
| 0.024799 | 40.324320 | 3.2868% | 1803 | 0.024010 | 41.649693 | 3.3985% | 1802 |
| 0.023221 | 43.065152 | 3.5180% | 1801 | 0.022431 | 44.580204 | 3.3999% | 1800 |
| 0.021694 | 46.095908 | 2.8419% | 1799 | 0.021094 | 47.405893 | 2.7485% | 1798 |
| 0.020530 | 48.708823 | 2.8261% | 1797 | 0.019966 | 50.085398 | 3.7832% | 1796 |
| 0.019238 | 51.980234 | 2.1272% | 1795 | 0.018837 | 53.085956 | 3.0879% | 1794 |
| 0.018273 | 54.725218 | 3.1625% | 1793 | 0.017713 | 56.455910 | 3.2904% | 1792 |
| 0.017149 | 58.313543 | 3.4024% | 1791 | 0.016584 | 60.297584 | 3.2296% | 1790 |
| 0.016066 | 62.244932 | 41.3145% | 1780 | 0.011369 | 87.961085 | 29.4353% | 1770 |
| 0.008783 | 113.852707 | 83.4728% | 1750 | 0.004787 | 208.888794 | 29.2845% | 1740 |
| 0.003703 | 270.060733 | 94.2514% | 1720 | 0.001906 | 524.596740 | 85.8111% | 1700 |
| 0.001026 | 974.758868 | 19.2490% | 1690 | 0.000860 | 1162.390684 | 88.0250% | 1670 |
| 0.000458 | 2185.585344 | | | | | | |

BASE YEAR: 1987

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.243394 | 0.804250 | 8.2857% | 2001 | 1.148253 | 0.870888 | 1.0000% |
| 2000 | 1.136884 | 0.879597 | 1.0000% | 1999 | 1.125628 | 0.888393 | 1.0000% |
| 1998 | 1.114483 | 0.897277 | 1.0000% | 1997 | 1.103449 | 0.906250 | 1.0000% |
| 1996 | 1.092524 | 0.915312 | 1.0000% | 1995 | 1.081707 | 0.924465 | 0.9992% |
| 1994 | 1.071005 | 0.933703 | 1.0008% | 1993 | 1.060393 | 0.943047 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.049894 | 0.952477 | 0.9295% | 1991 | 1.040225 | 0.961331 | 1.2505% | 1990 |
| 1.027377 | 0.973352 | 0.7224% | 1989 | 1.020008 | 0.980384 | 1.1077% | 1988 |
| 1.008834 | 0.991244 | 0.8834% | 1987 | 1.000000 | 1.000000 | 0.5594% | 1986 |
| 0.994437 | 1.005594 | 1.3056% | 1985 | 0.981621 | 1.018723 | 0.7673% | 1984 |
| 0.974147 | 1.026539 | 0.8149% | 1983 | 0.966272 | 1.034905 | 0.9737% | 1982 |
| 0.956954 | 1.044983 | 0.9508% | 1981 | 0.947941 | 1.054918 | 0.9031% | 1980 |
| 0.939457 | 1.064445 | 2.2701% | 1979 | 0.918604 | 1.088609 | 1.0042% | 1978 |
| 0.909471 | 1.099540 | 0.9896% | 1977 | 0.900559 | 1.110421 | 0.9103% | 1976 |
| 0.892435 | 1.120530 | 0.8394% | 1975 | 0.885006 | 1.129936 | 0.9042% | 1974 |
| 0.877076 | 1.140153 | 1.1568% | 1973 | 0.867046 | 1.153342 | 0.9427% | 1972 |
| 0.858948 | 1.164214 | 0.7426% | 1971 | 0.852617 | 1.172860 | 1.4697% | 1970 |
| 0.840267 | 1.190098 | 0.6968% | 1969 | 0.834452 | 1.198391 | 0.8565% | 1968 |
| 0.827366 | 1.208656 | 1.5090% | 1967 | 0.815066 | 1.226895 | 0.9949% | 1966 |
| 0.807037 | 1.239101 | 1.0575% | 1965 | 0.798592 | 1.252204 | 1.1300% | 1964 |
| 0.789668 | 1.266354 | 1.5537% | 1963 | 0.777587 | 1.286029 | 1.4658% | 1962 |
| 0.766354 | 1.304880 | 1.5364% | 1961 | 0.754758 | 1.324929 | 2.1586% | 1960 |
| 0.738809 | 1.353529 | -1.6655% | 1959 | 0.751323 | 1.330986 | 4.3080% | 1958 |
| 0.720292 | 1.388325 | 2.1130% | 1957 | 0.705388 | 1.417660 | 1.9895% | 1956 |
| 0.691628 | 1.445864 | 2.1231% | 1955 | 0.677249 | 1.476561 | 1.4496% | 1954 |
| 0.667572 | 1.497966 | 2.1573% | 1953 | 0.653475 | 1.530280 | 1.2298% | 1952 |
| 0.645536 | 1.549099 | 1.6814% | 1951 | 0.634862 | 1.575145 | 1.6233% | 1950 |
| 0.624721 | 1.600714 | 1.4265% | 1949 | 0.615935 | 1.623549 | 1.7790% | 1948 |
| 0.605168 | 1.652433 | 1.8242% | 1947 | 0.594327 | 1.682576 | -2.6320% | 1946 |
| 0.610393 | 1.638290 | 3.1768% | 1945 | 0.591599 | 1.690335 | 6.4754% | 1944 |
| 0.555620 | 1.799791 | -0.3437% | 1943 | 0.557536 | 1.793606 | 0.6562% | 1942 |
| 0.553901 | 1.805376 | 0.6633% | 1941 | 0.550252 | 1.817351 | -5.6614% | 1940 |
| 0.583273 | 1.714463 | 8.0381% | 1939 | 0.539877 | 1.852273 | 0.8126% | 1938 |
| 0.535525 | 1.867325 | 0.7762% | 1937 | 0.531400 | 1.881820 | 0.6029% | 1936 |
| 0.528216 | 1.893165 | 0.5244% | 1935 | 0.525460 | 1.903093 | -3.0364% | 1934 |
| 0.541915 | 1.845308 | 4.6271% | 1933 | 0.517949 | 1.930693 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.510837 | 1.957570 | -0.2051% | 1931 | 0.511887 | 1.953556 | 0.8886% | 1930 |
| 0.507379 | 1.970915 | 1.0126% | 1929 | 0.502292 | 1.990872 | 1.1526% | 1928 |
| 0.496569 | 2.013819 | 1.2160% | 1927 | 0.490603 | 2.038307 | 1.4086% | 1926 |
| 0.483789 | 2.067018 | 1.7667% | 1925 | 0.475390 | 2.103536 | 1.4465% | 1924 |
| 0.468612 | 2.133963 | 1.7700% | 1923 | 0.460462 | 2.171734 | 1.6165% | 1922 |
| 0.453137 | 2.206840 | 1.3736% | 1921 | 0.446996 | 2.237155 | 2.3393% | 1920 |
| 0.436779 | 2.289489 | 1.3140% | 1919 | 0.431114 | 2.319573 | 0.7676% | 1918 |
| 0.427830 | 2.337379 | 0.3870% | 1917 | 0.426180 | 2.346424 | 1.3274% | 1916 |
| 0.420597 | 2.377571 | 1.4083% | 1915 | 0.414756 | 2.411054 | 1.4458% | 1914 |
| 0.408845 | 2.445914 | 1.9424% | 1913 | 0.401055 | 2.493423 | 1.9857% | 1912 |
| 0.393247 | 2.542934 | 1.5634% | 1911 | 0.387193 | 2.582690 | 1.8169% | 1910 |
| 0.380284 | 2.629615 | 1.8781% | 1909 | 0.373273 | 2.679001 | 2.0082% | 1908 |
| 0.365925 | 2.732802 | 1.9603% | 1907 | 0.358890 | 2.786372 | 1.8264% | 1906 |
| 0.352453 | 2.837261 | 1.9357% | 1905 | 0.345760 | 2.892181 | 2.0148% | 1904 |
| 0.338931 | 2.950454 | 2.1335% | 1903 | 0.331851 | 3.013402 | 1.8151% | 1902 |
| 0.325935 | 3.068100 | 1.8943% | 1901 | 0.319875 | 3.126221 | 3.0255% | 1900 |
| 0.310481 | 3.220804 | 0.6278% | 1899 | 0.308544 | 3.241026 | 1.7757% | 1898 |
| 0.303161 | 3.298575 | 1.8078% | 1897 | 0.297778 | 3.358206 | 1.8396% | 1896 |
| 0.292399 | 3.419983 | 1.8755% | 1895 | 0.287016 | 3.484126 | 1.9114% | 1894 |
| 0.281633 | 3.550721 | 1.9486% | 1893 | 0.276250 | 3.619912 | 1.9858% | 1892 |
| 0.270871 | 3.691796 | 2.0276% | 1891 | 0.265488 | 3.766652 | 2.6465% | 1890 |
| 0.258643 | 3.866337 | 1.5328% | 1889 | 0.254738 | 3.925601 | 2.0811% | 1888 |
| 0.249545 | 4.007298 | 2.1599% | 1887 | 0.244269 | 4.093850 | 2.2075% | 1886 |
| 0.238993 | 4.184223 | 2.2592% | 1885 | 0.233713 | 4.278751 | 2.3095% | 1884 |
| 0.228437 | 4.377571 | 2.3641% | 1883 | 0.223161 | 4.481063 | 2.4214% | 1882 |
| 0.217885 | 4.589567 | 2.4815% | 1881 | 0.212610 | 4.703455 | 3.7644% | 1880 |
| 0.204897 | 4.880512 | 0.9432% | 1879 | 0.202982 | 4.926546 | 2.1464% | 1878 |
| 0.198717 | 5.032289 | 2.1913% | 1877 | 0.194456 | 5.142562 | 2.2426% | 1876 |
| 0.190190 | 5.257889 | 2.2941% | 1875 | 0.185925 | 5.378508 | 2.3456% | 1874 |
| 0.181664 | 5.504666 | 2.4043% | 1873 | 0.177399 | 5.637016 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.173134 | 5.775886 | 2.5258% | 1871 | 0.168868 | 5.921772 | 5.9947% | 1870 |
| 0.159318 | 6.276763 | -1.0968% | 1869 | 0.161085 | 6.207920 | 2.1930% | 1868 |
| 0.157628 | 6.344058 | 2.2394% | 1867 | 0.154175 | 6.486127 | 2.2935% | 1866 |
| 0.150718 | 6.634887 | 2.3445% | 1865 | 0.147266 | 6.790440 | 2.4037% | 1864 |
| 0.143809 | 6.953661 | 2.4599% | 1863 | 0.140357 | 7.124713 | 2.5250% | 1862 |
| 0.136900 | 7.304613 | 2.5872% | 1861 | 0.133447 | 7.493601 | 2.9504% | 1860 |
| 0.129623 | 7.714693 | 2.4012% | 1859 | 0.126583 | 7.899941 | 2.7627% | 1858 |
| 0.123180 | 8.118194 | 2.8412% | 1857 | 0.119777 | 8.348848 | 2.9243% | 1856 |
| 0.116374 | 8.592992 | 3.0161% | 1855 | 0.112967 | 8.852169 | 3.1061% | 1854 |
| 0.109564 | 9.127122 | 3.2056% | 1853 | 0.106160 | 9.419704 | 3.3118% | 1852 |
| 0.102757 | 9.731665 | 3.4252% | 1851 | 0.099354 | 10.064996 | 4.0106% | 1850 |
| 0.095523 | 10.468664 | 2.3254% | 1849 | 0.093352 | 10.712098 | 2.7841% | 1848 |
| 0.090824 | 11.010332 | 2.8590% | 1847 | 0.088299 | 11.325119 | 2.9432% | 1846 |
| 0.085775 | 11.658435 | 3.0324% | 1845 | 0.083250 | 12.011966 | 3.1325% | 1844 |
| 0.080722 | 12.388242 | 3.2284% | 1843 | 0.078197 | 12.788179 | 3.3361% | 1842 |
| 0.075673 | 13.214800 | 3.4512% | 1841 | 0.073148 | 13.670868 | 3.8105% | 1840 |
| 0.070463 | 14.191795 | 2.3861% | 1839 | 0.068821 | 14.530418 | 2.5824% | 1838 |
| 0.067089 | 14.905651 | 2.6573% | 1837 | 0.065352 | 15.301742 | 2.7232% | 1836 |
| 0.063620 | 15.718440 | 2.7994% | 1835 | 0.061887 | 16.158468 | 2.8871% | 1834 |
| 0.060150 | 16.624983 | 2.9657% | 1833 | 0.058418 | 17.118027 | 3.0563% | 1832 |
| 0.056685 | 17.641209 | 3.1604% | 1831 | 0.054949 | 18.198746 | 3.4660% | 1830 |
| 0.053108 | 18.829509 | 2.4653% | 1829 | 0.051830 | 19.293713 | 2.6804% | 1828 |
| 0.050477 | 19.810861 | 10.3427% | 1827 | 0.045746 | 21.859829 | -4.2314% | 1826 |
| 0.047767 | 20.934845 | 2.9150% | 1825 | 0.046414 | 21.545103 | 3.0026% | 1824 |
| 0.045061 | 22.192008 | 3.0955% | 1823 | 0.043708 | 22.878964 | 3.1944% | 1822 |
| 0.042355 | 23.609807 | 3.3102% | 1821 | 0.040998 | 24.391337 | 3.2277% | 1820 |
| 0.039716 | 25.178626 | 2.6573% | 1819 | 0.038688 | 25.847692 | 2.6261% | 1818 |
| 0.037698 | 26.526480 | 2.6969% | 1817 | 0.036708 | 27.241881 | 2.7717% | 1816 |
| 0.035718 | 27.996940 | 2.8507% | 1815 | 0.034728 | 28.795047 | 2.9343% | 1814 |
| 0.033738 | 29.639993 | 3.0231% | 1813 | 0.032748 | 30.536025 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.031762 | 31.483831 | 3.2172% | 1811 | 0.030772 | 32.496716 | 3.0969% | 1810 |
| 0.029848 | 33.503112 | 2.9144% | 1809 | 0.029003 | 34.479519 | 2.8225% | 1808 |
| 0.028207 | 35.452691 | 2.9199% | 1807 | 0.027406 | 36.487884 | 2.9918% | 1806 |
| 0.026610 | 37.579523 | 3.0841% | 1805 | 0.025814 | 38.738495 | 3.1822% | 1804 |
| 0.025018 | 39.971228 | 3.2868% | 1803 | 0.024222 | 41.284997 | 3.3985% | 1802 |
| 0.023426 | 42.688061 | 3.5180% | 1801 | 0.022630 | 44.189847 | 3.3999% | 1800 |
| 0.021886 | 45.692278 | 2.8419% | 1799 | 0.021281 | 46.990793 | 2.7485% | 1798 |
| 0.020712 | 48.282314 | 2.8261% | 1797 | 0.020142 | 49.646836 | 3.7832% | 1796 |
| 0.019408 | 51.525080 | 2.1272% | 1795 | 0.019004 | 52.621120 | 3.0879% | 1794 |
| 0.018435 | 54.246028 | 3.1625% | 1793 | 0.017869 | 55.961565 | 3.2904% | 1792 |
| 0.017300 | 57.802933 | 3.4024% | 1791 | 0.016731 | 59.769601 | 3.2296% | 1790 |
| 0.016207 | 61.699898 | 41.3145% | 1780 | 0.011469 | 87.190872 | 29.4353% | 1770 |
| 0.008861 | 112.855780 | 83.4728% | 1750 | 0.004830 | 207.059703 | 29.2845% | 1740 |
| 0.003736 | 267.696003 | 94.2514% | 1720 | 0.001923 | 520.003218 | 85.8111% | 1700 |
| 0.001035 | 966.223595 | 19.2490% | 1690 | 0.000868 | 1152.212452 | 88.0250% | 1670 |
| 0.000462 | 2166.447721 | | | | | | |

BASE YEAR: 1986

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.250349 | 0.799777 | 8.2857% | 2001 | 1.154676 | 0.866044 | 1.0000% |
| 2000 | 1.143244 | 0.874704 | 1.0000% | 1999 | 1.131924 | 0.883451 | 1.0000% |
| 1998 | 1.120717 | 0.892286 | 1.0000% | 1997 | 1.109621 | 0.901209 | 1.0000% |
| 1996 | 1.098635 | 0.910221 | 1.0000% | 1995 | 1.087757 | 0.919323 | 0.9992% |
| 1994 | 1.076996 | 0.928509 | 1.0008% | 1993 | 1.066324 | 0.937801 | 1.0000% |
| 1992 | 1.055766 | 0.947179 | 0.9295% | 1991 | 1.046043 | 0.955983 | 1.2505% |
| 1990 | 1.033124 | 0.967938 | 0.7224% | 1989 | 1.025714 | 0.974931 | 1.1077% |
| 1988 | 1.014477 | 0.985730 | 0.8834% | 1987 | 1.005594 | 0.994437 | 0.5594% |
| 1986 | 1.000000 | 1.000000 | 1.3056% | 1985 | 0.987112 | 1.013056 | 0.7673% |
| 1984 | 0.979596 | 1.020829 | 0.8149% | 1983 | 0.971677 | 1.029148 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.962307 | 1.039170 | 0.9508% | 1981 | 0.953243 | 1.049050 | 0.9031% | 1980 |
| 0.944712 | 1.058524 | 2.2701% | 1979 | 0.923742 | 1.082553 | 1.0042% | 1978 |
| 0.914558 | 1.093424 | 0.9896% | 1977 | 0.905597 | 1.104244 | 0.9103% | 1976 |
| 0.897427 | 1.114297 | 0.8394% | 1975 | 0.889956 | 1.123651 | 0.9042% | 1974 |
| 0.881982 | 1.133810 | 1.1568% | 1973 | 0.871896 | 1.146926 | 0.9427% | 1972 |
| 0.863753 | 1.157738 | 0.7426% | 1971 | 0.857386 | 1.166336 | 1.4697% | 1970 |
| 0.844967 | 1.183478 | 0.6968% | 1969 | 0.839120 | 1.191725 | 0.8565% | 1968 |
| 0.831994 | 1.201932 | 1.5090% | 1967 | 0.819625 | 1.220070 | 0.9949% | 1966 |
| 0.811551 | 1.232209 | 1.0575% | 1965 | 0.803059 | 1.245239 | 1.1300% | 1964 |
| 0.794085 | 1.259310 | 1.5537% | 1963 | 0.781937 | 1.278876 | 1.4658% | 1962 |
| 0.770641 | 1.297622 | 1.5364% | 1961 | 0.758979 | 1.317559 | 2.1586% | 1960 |
| 0.742942 | 1.346000 | -1.6655% | 1959 | 0.755525 | 1.323583 | 4.3080% | 1958 |
| 0.724321 | 1.380602 | 2.1130% | 1957 | 0.709334 | 1.409774 | 1.9895% | 1956 |
| 0.695497 | 1.437821 | 2.1231% | 1955 | 0.681038 | 1.468348 | 1.4496% | 1954 |
| 0.671306 | 1.489633 | 2.1573% | 1953 | 0.657130 | 1.521768 | 1.2298% | 1952 |
| 0.649147 | 1.540482 | 1.6814% | 1951 | 0.638413 | 1.566384 | 1.6233% | 1950 |
| 0.628216 | 1.591810 | 1.4265% | 1949 | 0.619380 | 1.614518 | 1.7790% | 1948 |
| 0.608553 | 1.643241 | 1.8242% | 1947 | 0.597651 | 1.673216 | -2.6320% | 1946 |
| 0.613807 | 1.629177 | 3.1768% | 1945 | 0.594908 | 1.680932 | 6.4754% | 1944 |
| 0.558728 | 1.789780 | -0.3437% | 1943 | 0.560655 | 1.783629 | 0.6562% | 1942 |
| 0.557000 | 1.795333 | 0.6633% | 1941 | 0.553329 | 1.807242 | -5.6614% | 1940 |
| 0.586536 | 1.704926 | 8.0381% | 1939 | 0.542897 | 1.841970 | 0.8126% | 1938 |
| 0.538521 | 1.856938 | 0.7762% | 1937 | 0.534373 | 1.871353 | 0.6029% | 1936 |
| 0.531171 | 1.882635 | 0.5244% | 1935 | 0.528400 | 1.892507 | -3.0364% | 1934 |
| 0.544946 | 1.835043 | 4.6271% | 1933 | 0.520846 | 1.919953 | 1.3921% | 1932 |
| 0.513695 | 1.946681 | -0.2051% | 1931 | 0.514750 | 1.942689 | 0.8886% | 1930 |
| 0.510217 | 1.959952 | 1.0126% | 1929 | 0.505102 | 1.979798 | 1.1526% | 1928 |
| 0.499347 | 2.002617 | 1.2160% | 1927 | 0.493348 | 2.026969 | 1.4086% | 1926 |
| 0.486495 | 2.055520 | 1.7667% | 1925 | 0.478049 | 2.091835 | 1.4465% | 1924 |
| 0.471233 | 2.122093 | 1.7700% | 1923 | 0.463037 | 2.159654 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.455671 | 2.194565 | 1.3736% | 1921 | 0.449497 | 2.224710 | 2.3393% | 1920 |
| 0.439222 | 2.276753 | 1.3140% | 1919 | 0.433525 | 2.306670 | 0.7676% | 1918 |
| 0.430223 | 2.324377 | 0.3870% | 1917 | 0.428564 | 2.333372 | 1.3274% | 1916 |
| 0.422950 | 2.364346 | 1.4083% | 1915 | 0.417076 | 2.397643 | 1.4458% | 1914 |
| 0.411132 | 2.432308 | 1.9424% | 1913 | 0.403299 | 2.479553 | 1.9857% | 1912 |
| 0.395446 | 2.528789 | 1.5634% | 1911 | 0.389359 | 2.568324 | 1.8169% | 1910 |
| 0.382411 | 2.614988 | 1.8781% | 1909 | 0.375361 | 2.664099 | 2.0082% | 1908 |
| 0.367972 | 2.717601 | 1.9603% | 1907 | 0.360897 | 2.770873 | 1.8264% | 1906 |
| 0.354424 | 2.821479 | 1.9357% | 1905 | 0.347694 | 2.876093 | 2.0148% | 1904 |
| 0.340827 | 2.934042 | 2.1335% | 1903 | 0.333707 | 2.996640 | 1.8151% | 1902 |
| 0.327758 | 3.051034 | 1.8943% | 1901 | 0.321664 | 3.108831 | 3.0255% | 1900 |
| 0.312218 | 3.202889 | 0.6278% | 1899 | 0.310270 | 3.222998 | 1.7757% | 1898 |
| 0.304857 | 3.280227 | 1.8078% | 1897 | 0.299444 | 3.339525 | 1.8396% | 1896 |
| 0.294035 | 3.400959 | 1.8755% | 1895 | 0.288621 | 3.464746 | 1.9114% | 1894 |
| 0.283208 | 3.530970 | 1.9486% | 1893 | 0.277795 | 3.599776 | 1.9858% | 1892 |
| 0.272386 | 3.671261 | 2.0276% | 1891 | 0.266973 | 3.745700 | 2.6465% | 1890 |
| 0.260089 | 3.844831 | 1.5328% | 1889 | 0.256163 | 3.903765 | 2.0811% | 1888 |
| 0.250941 | 3.985007 | 2.1599% | 1887 | 0.245635 | 4.071078 | 2.2075% | 1886 |
| 0.240330 | 4.160948 | 2.2592% | 1885 | 0.235020 | 4.254951 | 2.3095% | 1884 |
| 0.229715 | 4.353221 | 2.3641% | 1883 | 0.224410 | 4.456137 | 2.4214% | 1882 |
| 0.219104 | 4.564037 | 2.4815% | 1881 | 0.213799 | 4.677292 | 3.7644% | 1880 |
| 0.206043 | 4.853364 | 0.9432% | 1879 | 0.204117 | 4.899142 | 2.1464% | 1878 |
| 0.199828 | 5.004297 | 2.1913% | 1877 | 0.195543 | 5.113956 | 2.2426% | 1876 |
| 0.191254 | 5.228642 | 2.2941% | 1875 | 0.186965 | 5.348590 | 2.3456% | 1874 |
| 0.182680 | 5.474046 | 2.4043% | 1873 | 0.178391 | 5.605660 | 2.4635% | 1872 |
| 0.174102 | 5.743758 | 2.5258% | 1871 | 0.169813 | 5.888832 | 5.9947% | 1870 |
| 0.160209 | 6.241848 | -1.0968% | 1869 | 0.161986 | 6.173389 | 2.1930% | 1868 |
| 0.158510 | 6.308769 | 2.2394% | 1867 | 0.155038 | 6.450048 | 2.2935% | 1866 |
| 0.151562 | 6.597980 | 2.3445% | 1865 | 0.148090 | 6.752668 | 2.4037% | 1864 |
| 0.144614 | 6.914981 | 2.4599% | 1863 | 0.141142 | 7.085082 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.137666 | 7.263981 | 2.5872% | 1861 | 0.134194 | 7.451918 | 2.9504% | 1860 |
| 0.130348 | 7.671780 | 2.4012% | 1859 | 0.127291 | 7.855998 | 2.7627% | 1858 |
| 0.123869 | 8.073036 | 2.8412% | 1857 | 0.120447 | 8.302407 | 2.9243% | 1856 |
| 0.117025 | 8.545194 | 3.0161% | 1855 | 0.113599 | 8.802929 | 3.1061% | 1854 |
| 0.110176 | 9.076353 | 3.2056% | 1853 | 0.106754 | 9.367306 | 3.3118% | 1852 |
| 0.103332 | 9.677532 | 3.4252% | 1851 | 0.099910 | 10.009009 | 4.0106% | 1850 |
| 0.096058 | 10.410431 | 2.3254% | 1849 | 0.093875 | 10.652512 | 2.7841% | 1848 |
| 0.091332 | 10.949087 | 2.8590% | 1847 | 0.088793 | 11.262123 | 2.9432% | 1846 |
| 0.086255 | 11.593585 | 3.0324% | 1845 | 0.083716 | 11.945149 | 3.1325% | 1844 |
| 0.081173 | 12.319332 | 3.2284% | 1843 | 0.078635 | 12.717044 | 3.3361% | 1842 |
| 0.076096 | 13.141292 | 3.4512% | 1841 | 0.073557 | 13.594823 | 3.8105% | 1840 |
| 0.070857 | 14.112852 | 2.3861% | 1839 | 0.069206 | 14.449592 | 2.5824% | 1838 |
| 0.067464 | 14.822737 | 2.6573% | 1837 | 0.065718 | 15.216626 | 2.7232% | 1836 |
| 0.063975 | 15.631006 | 2.7994% | 1835 | 0.062233 | 16.068586 | 2.8871% | 1834 |
| 0.060487 | 16.532506 | 2.9657% | 1833 | 0.058745 | 17.022808 | 3.0563% | 1832 |
| 0.057003 | 17.543080 | 3.1604% | 1831 | 0.055256 | 18.097515 | 3.4660% | 1830 |
| 0.053405 | 18.724769 | 2.4653% | 1829 | 0.052120 | 19.186391 | 2.6804% | 1828 |
| 0.050760 | 19.700662 | 10.3427% | 1827 | 0.046002 | 21.738233 | -4.2314% | 1826 |
| 0.048034 | 20.818394 | 2.9150% | 1825 | 0.046674 | 21.425258 | 3.0026% | 1824 |
| 0.045313 | 22.068565 | 3.0955% | 1823 | 0.043953 | 22.751699 | 3.1944% | 1822 |
| 0.042592 | 23.478477 | 3.3102% | 1821 | 0.041227 | 24.255660 | 3.2277% | 1820 |
| 0.039938 | 25.038569 | 2.6573% | 1819 | 0.038905 | 25.703913 | 2.6261% | 1818 |
| 0.037909 | 26.378925 | 2.6969% | 1817 | 0.036914 | 27.090347 | 2.7717% | 1816 |
| 0.035918 | 27.841206 | 2.8507% | 1815 | 0.034922 | 28.634874 | 2.9343% | 1814 |
| 0.033927 | 29.475119 | 3.0231% | 1813 | 0.032931 | 30.366167 | 3.1039% | 1812 |
| 0.031940 | 31.308701 | 3.2172% | 1811 | 0.030944 | 32.315952 | 3.0969% | 1810 |
| 0.030015 | 33.316749 | 2.9144% | 1809 | 0.029165 | 34.287726 | 2.8225% | 1808 |
| 0.028364 | 35.255484 | 2.9199% | 1807 | 0.027560 | 36.284919 | 2.9918% | 1806 |
| 0.026759 | 37.370485 | 3.0841% | 1805 | 0.025959 | 38.523011 | 3.1822% | 1804 |
| 0.025158 | 39.748887 | 3.2868% | 1803 | 0.024357 | 41.055347 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.023557 | 42.450608 | 3.5180% | 1801 | 0.022756 | 43.944039 | 3.3999% | 1800 |
| 0.022008 | 45.438113 | 2.8419% | 1799 | 0.021400 | 46.729405 | 2.7485% | 1798 |
| 0.020827 | 48.013742 | 2.8261% | 1797 | 0.020255 | 49.370674 | 3.7832% | 1796 |
| 0.019517 | 51.238470 | 2.1272% | 1795 | 0.019110 | 52.328413 | 3.0879% | 1794 |
| 0.018538 | 53.944283 | 3.1625% | 1793 | 0.017969 | 55.650277 | 3.2904% | 1792 |
| 0.017397 | 57.481402 | 3.4024% | 1791 | 0.016825 | 59.437130 | 3.2296% | 1790 |
| 0.016298 | 61.356690 | 41.3145% | 1780 | 0.011533 | 86.705870 | 29.4353% | 1770 |
| 0.008910 | 112.228015 | 83.4728% | 1750 | 0.004857 | 205.907926 | 29.2845% | 1740 |
| 0.003756 | 266.206935 | 94.2514% | 1720 | 0.001934 | 517.110682 | 85.8111% | 1700 |
| 0.001041 | 960.848944 | 19.2490% | 1690 | 0.000873 | 1145.803232 | 88.0250% | 1670 |
| 0.000464 | 2154.396783 | | | | | | |

BASE YEAR: 1985

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.266674 | 0.789469 | 8.2857% | 2001 | 1.169752 | 0.854882 | 1.0000% |
| 2000 | 1.158170 | 0.863431 | 1.0000% | 1999 | 1.146703 | 0.872065 | 1.0000% |
| 1998 | 1.135350 | 0.880786 | 1.0000% | 1997 | 1.124109 | 0.889594 | 1.0000% |
| 1996 | 1.112979 | 0.898490 | 1.0000% | 1995 | 1.101959 | 0.907475 | 0.9992% |
| 1994 | 1.091057 | 0.916542 | 1.0008% | 1993 | 1.080246 | 0.925715 | 1.0000% |
| 1992 | 1.069551 | 0.934972 | 0.9295% | 1991 | 1.059701 | 0.943663 | 1.2505% |
| 1990 | 1.046613 | 0.955463 | 0.7224% | 1989 | 1.039106 | 0.962366 | 1.1077% |
| 1988 | 1.027722 | 0.973026 | 0.8834% | 1987 | 1.018723 | 0.981621 | 0.5594% |
| 1986 | 1.013056 | 0.987112 | 1.3056% | 1985 | 1.000000 | 1.000000 | 0.7673% |
| 1984 | 0.992386 | 1.007673 | 0.8149% | 1983 | 0.984364 | 1.015885 | 0.9737% |
| 1982 | 0.974871 | 1.025777 | 0.9508% | 1981 | 0.965689 | 1.035530 | 0.9031% |
| 1980 | 0.957046 | 1.044882 | 2.2701% | 1979 | 0.935803 | 1.068601 | 1.0042% |
| 1978 | 0.926499 | 1.079332 | 0.9896% | 1977 | 0.917420 | 1.090013 | 0.9103% |
| 1976 | 0.909144 | 1.099936 | 0.8394% | 1975 | 0.901576 | 1.109169 | 0.9042% |
| 1974 | 0.893497 | 1.119198 | 1.1568% | 1973 | 0.883279 | 1.132145 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.875030 | 1.142817 | 0.7426% | 1971 | 0.868580 | 1.151304 | 1.4697% | 1970 |
| 0.855999 | 1.168225 | 0.6968% | 1969 | 0.850076 | 1.176366 | 0.8565% | 1968 |
| 0.842856 | 1.186442 | 1.5090% | 1967 | 0.830326 | 1.204346 | 0.9949% | 1966 |
| 0.822147 | 1.216328 | 1.0575% | 1965 | 0.813544 | 1.229190 | 1.1300% | 1964 |
| 0.804453 | 1.243080 | 1.5537% | 1963 | 0.792146 | 1.262393 | 1.4658% | 1962 |
| 0.780702 | 1.280898 | 1.5364% | 1961 | 0.768889 | 1.300578 | 2.1586% | 1960 |
| 0.752642 | 1.328653 | -1.6655% | 1959 | 0.765390 | 1.306524 | 4.3080% | 1958 |
| 0.733778 | 1.362809 | 2.1130% | 1957 | 0.718595 | 1.391605 | 1.9895% | 1956 |
| 0.704577 | 1.419291 | 2.1231% | 1955 | 0.689929 | 1.449424 | 1.4496% | 1954 |
| 0.680071 | 1.470435 | 2.1573% | 1953 | 0.665710 | 1.502156 | 1.2298% | 1952 |
| 0.657623 | 1.520629 | 1.6814% | 1951 | 0.646749 | 1.546196 | 1.6233% | 1950 |
| 0.636418 | 1.571295 | 1.4265% | 1949 | 0.627467 | 1.593710 | 1.7790% | 1948 |
| 0.616499 | 1.622063 | 1.8242% | 1947 | 0.605454 | 1.651652 | -2.6320% | 1946 |
| 0.621821 | 1.608180 | 3.1768% | 1945 | 0.602675 | 1.659268 | 6.4754% | 1944 |
| 0.566023 | 1.766713 | -0.3437% | 1943 | 0.567975 | 1.760641 | 0.6562% | 1942 |
| 0.564272 | 1.772195 | 0.6633% | 1941 | 0.560554 | 1.783950 | -5.6614% | 1940 |
| 0.594194 | 1.682953 | 8.0381% | 1939 | 0.549985 | 1.818230 | 0.8126% | 1938 |
| 0.545552 | 1.833006 | 0.7762% | 1937 | 0.541350 | 1.847235 | 0.6029% | 1936 |
| 0.538106 | 1.858371 | 0.5244% | 1935 | 0.535299 | 1.868116 | -3.0364% | 1934 |
| 0.552061 | 1.811393 | 4.6271% | 1933 | 0.527646 | 1.895209 | 1.3921% | 1932 |
| 0.520402 | 1.921592 | -0.2051% | 1931 | 0.521471 | 1.917651 | 0.8886% | 1930 |
| 0.516878 | 1.934692 | 1.0126% | 1929 | 0.511697 | 1.954282 | 1.1526% | 1928 |
| 0.505866 | 1.976807 | 1.2160% | 1927 | 0.499789 | 2.000845 | 1.4086% | 1926 |
| 0.492847 | 2.029029 | 1.7667% | 1925 | 0.484291 | 2.064875 | 1.4465% | 1924 |
| 0.477385 | 2.094744 | 1.7700% | 1923 | 0.469083 | 2.131820 | 1.6165% | 1922 |
| 0.461621 | 2.166281 | 1.3736% | 1921 | 0.455365 | 2.196038 | 2.3393% | 1920 |
| 0.444957 | 2.247410 | 1.3140% | 1919 | 0.439186 | 2.276942 | 0.7676% | 1918 |
| 0.435840 | 2.294420 | 0.3870% | 1917 | 0.434160 | 2.303300 | 1.3274% | 1916 |
| 0.428472 | 2.333874 | 1.4083% | 1915 | 0.422522 | 2.366742 | 1.4458% | 1914 |
| 0.416500 | 2.400961 | 1.9424% | 1913 | 0.408564 | 2.447596 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.400609 | 2.496198 | 1.5634% | 1911 | 0.394443 | 2.535223 | 1.8169% | 1910 |
| 0.387404 | 2.581286 | 1.8781% | 1909 | 0.380262 | 2.629764 | 2.0082% | 1908 |
| 0.372776 | 2.682576 | 1.9603% | 1907 | 0.365609 | 2.735162 | 1.8264% | 1906 |
| 0.359052 | 2.785115 | 1.9357% | 1905 | 0.352233 | 2.839026 | 2.0148% | 1904 |
| 0.345277 | 2.896228 | 2.1335% | 1903 | 0.338064 | 2.958020 | 1.8151% | 1902 |
| 0.332037 | 3.011712 | 1.8943% | 1901 | 0.325864 | 3.068764 | 3.0255% | 1900 |
| 0.316295 | 3.161610 | 0.6278% | 1899 | 0.314321 | 3.181460 | 1.7757% | 1898 |
| 0.308837 | 3.237951 | 1.8078% | 1897 | 0.303353 | 3.296486 | 1.8396% | 1896 |
| 0.297874 | 3.357128 | 1.8755% | 1895 | 0.292390 | 3.420092 | 1.9114% | 1894 |
| 0.286906 | 3.485463 | 1.9486% | 1893 | 0.281422 | 3.553382 | 1.9858% | 1892 |
| 0.275942 | 3.623945 | 2.0276% | 1891 | 0.270458 | 3.697425 | 2.6465% | 1890 |
| 0.263485 | 3.795278 | 1.5328% | 1889 | 0.259508 | 3.853453 | 2.0811% | 1888 |
| 0.254217 | 3.933649 | 2.1599% | 1887 | 0.248842 | 4.018610 | 2.2075% | 1886 |
| 0.243468 | 4.107322 | 2.2592% | 1885 | 0.238089 | 4.200113 | 2.3095% | 1884 |
| 0.232714 | 4.297116 | 2.3641% | 1883 | 0.227340 | 4.398706 | 2.4214% | 1882 |
| 0.221965 | 4.505216 | 2.4815% | 1881 | 0.216590 | 4.617011 | 3.7644% | 1880 |
| 0.208733 | 4.790814 | 0.9432% | 1879 | 0.206782 | 4.836002 | 2.1464% | 1878 |
| 0.202437 | 4.939802 | 2.1913% | 1877 | 0.198096 | 5.048047 | 2.2426% | 1876 |
| 0.193751 | 5.161255 | 2.2941% | 1875 | 0.189406 | 5.279657 | 2.3456% | 1874 |
| 0.185065 | 5.403497 | 2.4043% | 1873 | 0.180720 | 5.533414 | 2.4635% | 1872 |
| 0.176375 | 5.669732 | 2.5258% | 1871 | 0.172030 | 5.812937 | 5.9947% | 1870 |
| 0.162301 | 6.161403 | -1.0968% | 1869 | 0.164101 | 6.093826 | 2.1930% | 1868 |
| 0.160579 | 6.227462 | 2.2394% | 1867 | 0.157062 | 6.366920 | 2.2935% | 1866 |
| 0.153540 | 6.512945 | 2.3445% | 1865 | 0.150023 | 6.665640 | 2.4037% | 1864 |
| 0.146502 | 6.825861 | 2.4599% | 1863 | 0.142984 | 6.993769 | 2.5250% | 1862 |
| 0.139463 | 7.170363 | 2.5872% | 1861 | 0.135946 | 7.355878 | 2.9504% | 1860 |
| 0.132050 | 7.572906 | 2.4012% | 1859 | 0.128953 | 7.754750 | 2.7627% | 1858 |
| 0.125486 | 7.968991 | 2.8412% | 1857 | 0.122020 | 8.195406 | 2.9243% | 1856 |
| 0.118553 | 8.435063 | 3.0161% | 1855 | 0.115082 | 8.689476 | 3.1061% | 1854 |
| 0.111615 | 8.959377 | 3.2056% | 1853 | 0.108148 | 9.246581 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.104681 | 9.552808 | 3.4252% | 1851 | 0.101214 | 9.880013 | 4.0106% | 1850 |
| 0.097312 | 10.276262 | 2.3254% | 1849 | 0.095100 | 10.515222 | 2.7841% | 1848 |
| 0.092524 | 10.807975 | 2.8590% | 1847 | 0.089953 | 11.116977 | 2.9432% | 1846 |
| 0.087381 | 11.444167 | 3.0324% | 1845 | 0.084809 | 11.791200 | 3.1325% | 1844 |
| 0.082233 | 12.160560 | 3.2284% | 1843 | 0.079661 | 12.553147 | 3.3361% | 1842 |
| 0.077090 | 12.971927 | 3.4512% | 1841 | 0.074518 | 13.419613 | 3.8105% | 1840 |
| 0.071783 | 13.930966 | 2.3861% | 1839 | 0.070110 | 14.263366 | 2.5824% | 1838 |
| 0.068345 | 14.631702 | 2.6573% | 1837 | 0.066576 | 15.020514 | 2.7232% | 1836 |
| 0.064811 | 15.429553 | 2.7994% | 1835 | 0.063046 | 15.861494 | 2.8871% | 1834 |
| 0.061277 | 16.319435 | 2.9657% | 1833 | 0.059512 | 16.803418 | 3.0563% | 1832 |
| 0.057747 | 17.316984 | 3.1604% | 1831 | 0.055978 | 17.864274 | 3.4660% | 1830 |
| 0.054102 | 18.483444 | 2.4653% | 1829 | 0.052801 | 18.939117 | 2.6804% | 1828 |
| 0.051422 | 19.446760 | 10.3427% | 1827 | 0.046603 | 21.458070 | -4.2314% | 1826 |
| 0.048662 | 20.550086 | 2.9150% | 1825 | 0.047283 | 21.149129 | 3.0026% | 1824 |
| 0.045905 | 21.784145 | 3.0955% | 1823 | 0.044527 | 22.458475 | 3.1944% | 1822 |
| 0.043148 | 23.175886 | 3.3102% | 1821 | 0.041766 | 23.943053 | 3.2277% | 1820 |
| 0.040460 | 24.715872 | 2.6573% | 1819 | 0.039413 | 25.372641 | 2.6261% | 1818 |
| 0.038404 | 26.038954 | 2.6969% | 1817 | 0.037395 | 26.741207 | 2.7717% | 1816 |
| 0.036387 | 27.482388 | 2.8507% | 1815 | 0.035378 | 28.265827 | 2.9343% | 1814 |
| 0.034370 | 29.095244 | 3.0231% | 1813 | 0.033361 | 29.974808 | 3.1039% | 1812 |
| 0.032357 | 30.905195 | 3.2172% | 1811 | 0.031348 | 31.899464 | 3.0969% | 1810 |
| 0.030407 | 32.887363 | 2.9144% | 1809 | 0.029546 | 33.845826 | 2.8225% | 1808 |
| 0.028735 | 34.801111 | 2.9199% | 1807 | 0.027919 | 35.817279 | 2.9918% | 1806 |
| 0.027108 | 36.888854 | 3.0841% | 1805 | 0.026297 | 38.026526 | 3.1822% | 1804 |
| 0.025486 | 39.236603 | 3.2868% | 1803 | 0.024675 | 40.526226 | 3.3985% | 1802 |
| 0.023864 | 41.903504 | 3.5180% | 1801 | 0.023053 | 43.377689 | 3.3999% | 1800 |
| 0.022295 | 44.852507 | 2.8419% | 1799 | 0.021679 | 46.127156 | 2.7485% | 1798 |
| 0.021099 | 47.394941 | 2.8261% | 1797 | 0.020519 | 48.734385 | 3.7832% | 1796 |
| 0.019771 | 50.578108 | 2.1272% | 1795 | 0.019360 | 51.654005 | 3.0879% | 1794 |
| 0.018780 | 53.249049 | 3.1625% | 1793 | 0.018204 | 54.933056 | 3.2904% | 1792 |

0.017624 56.740582 3.4024% 1791 0.017044 58.671105 3.2296% 1790
0.016511 60.565925 41.3145% 1780 0.011684 85.588405 29.4353% 1770
0.009027 110.781621 83.4728% 1750 0.004920 203.254185 29.2845%
1740 0.003806 262.776060 94.2514% 1720 0.001959 510.446160
85.8111% 1700 0.001054 948.465524 19.2490% 1690 0.000884
1131.036122 88.0250% 1670 0.000470 2126.630920

BASE YEAR: 1984

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.276393 | 0.783458 | 8.2857% | 2001 | 1.178727 | 0.848373 | 1.0000% |
| 2000 | 1.167057 | 0.856856 | 1.0000% | 1999 | 1.155502 | 0.865425 | 1.0000% |
| 1998 | 1.144061 | 0.874079 | 1.0000% | 1997 | 1.132734 | 0.882820 | 1.0000% |
| 1996 | 1.121519 | 0.891648 | 1.0000% | 1995 | 1.110414 | 0.900565 | 0.9992% |
| 1994 | 1.099429 | 0.909563 | 1.0008% | 1993 | 1.088535 | 0.918666 | 1.0000% |
| 1992 | 1.077757 | 0.927853 | 0.9295% | 1991 | 1.067832 | 0.936477 | 1.2505% |
| 1990 | 1.054643 | 0.948188 | 0.7224% | 1989 | 1.047079 | 0.955038 | 1.1077% |
| 1988 | 1.035608 | 0.965617 | 0.8834% | 1987 | 1.026539 | 0.974147 | 0.5594% |
| 1986 | 1.020829 | 0.979596 | 1.3056% | 1985 | 1.007673 | 0.992386 | 0.7673% |
| 1984 | 1.000000 | 1.000000 | 0.8149% | 1983 | 0.991916 | 1.008149 | 0.9737% |
| 1982 | 0.982351 | 1.017966 | 0.9508% | 1981 | 0.973099 | 1.027645 | 0.9031% |
| 1980 | 0.964389 | 1.036925 | 2.2701% | 1979 | 0.942983 | 1.060464 | 1.0042% |
| 1978 | 0.933608 | 1.071113 | 0.9896% | 1977 | 0.924459 | 1.081713 | 0.9103% |
| 1976 | 0.916120 | 1.091560 | 0.8394% | 1975 | 0.908493 | 1.100723 | 0.9042% |
| 1974 | 0.900353 | 1.110676 | 1.1568% | 1973 | 0.890057 | 1.123524 | 0.9427% |
| 1972 | 0.881744 | 1.134115 | 0.7426% | 1971 | 0.875245 | 1.142538 | 1.4697% |
| 1970 | 0.862567 | 1.159330 | 0.6968% | 1969 | 0.856598 | 1.167409 | 0.8565% |
| 1968 | 0.849323 | 1.177408 | 1.5090% | 1967 | 0.836697 | 1.195175 | 0.9949% |
| 1966 | 0.828455 | 1.207066 | 1.0575% | 1965 | 0.819786 | 1.219831 | 1.1300% |
| 1964 | 0.810626 | 1.233615 | 1.5537% | 1963 | 0.798224 | 1.252781 | 1.4658% |
| 1962 | 0.786693 | 1.271145 | 1.5364% | 1961 | 0.774788 | 1.290675 | 2.1586% |
| 1960 | 0.758417 | 1.318536 | -1.6655% | 1959 | 0.771262 | 1.296576 | 4.3080% |
| 1958 | 0.739409 | 1.352432 | 2.1130% | 1957 | 0.724108 | 1.381009 | 1.9895% |
| 1956 | 0.709983 | 1.408484 | 2.1231% | 1955 | 0.695223 | 1.438387 | 1.4496% |
| 1954 | 0.685289 | 1.459238 | 2.1573% | 1953 | 0.670818 | 1.490718 | 1.2298% |
| 1952 | 0.662669 | 1.509050 | 1.6814% | 1951 | 0.651711 | 1.534423 | 1.6233% |
| 1950 | 0.641301 | 1.559330 | 1.4265% | 1949 | 0.632281 | 1.581575 | 1.7790% |
| 1948 | 0.621229 | 1.609712 | 1.8242% | 1947 | 0.610100 | 1.639076 | -2.6320% |
| 1946 | 0.626592 | 1.595934 | 3.1768% | 1945 | 0.607299 | 1.646634 | 6.4754% |
| 1944 | 0.570366 | 1.753261 | -0.3437% | 1943 | 0.572333 | 1.747235 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.568602 | 1.758701 | 0.6633% | 1941 | 0.564855 | 1.770366 | -5.6614% | 1940 |
| 0.598753 | 1.670138 | 8.0381% | 1939 | 0.554205 | 1.804386 | 0.8126% | 1938 |
| 0.549738 | 1.819049 | 0.7762% | 1937 | 0.545503 | 1.833169 | 0.6029% | 1936 |
| 0.542234 | 1.844221 | 0.5244% | 1935 | 0.539406 | 1.853892 | -3.0364% | 1934 |
| 0.556297 | 1.797601 | 4.6271% | 1933 | 0.531695 | 1.880778 | 1.3921% | 1932 |
| 0.524395 | 1.906961 | -0.2051% | 1931 | 0.525472 | 1.903050 | 0.8886% | 1930 |
| 0.520844 | 1.919960 | 1.0126% | 1929 | 0.515623 | 1.939401 | 1.1526% | 1928 |
| 0.509748 | 1.961755 | 1.2160% | 1927 | 0.503624 | 1.985610 | 1.4086% | 1926 |
| 0.496628 | 2.013579 | 1.7667% | 1925 | 0.488007 | 2.049152 | 1.4465% | 1924 |
| 0.481048 | 2.078793 | 1.7700% | 1923 | 0.472682 | 2.115587 | 1.6165% | 1922 |
| 0.465163 | 2.149786 | 1.3736% | 1921 | 0.458859 | 2.179317 | 2.3393% | 1920 |
| 0.448371 | 2.230298 | 1.3140% | 1919 | 0.442555 | 2.259604 | 0.7676% | 1918 |
| 0.439184 | 2.276950 | 0.3870% | 1917 | 0.437491 | 2.285761 | 1.3274% | 1916 |
| 0.431760 | 2.316103 | 1.4083% | 1915 | 0.425764 | 2.348721 | 1.4458% | 1914 |
| 0.419696 | 2.382679 | 1.9424% | 1913 | 0.411699 | 2.428959 | 1.9857% | 1912 |
| 0.403683 | 2.477190 | 1.5634% | 1911 | 0.397469 | 2.515919 | 1.8169% | 1910 |
| 0.390376 | 2.561631 | 1.8781% | 1909 | 0.383180 | 2.609740 | 2.0082% | 1908 |
| 0.375636 | 2.662150 | 1.9603% | 1907 | 0.368414 | 2.714335 | 1.8264% | 1906 |
| 0.361807 | 2.763908 | 1.9357% | 1905 | 0.354936 | 2.817409 | 2.0148% | 1904 |
| 0.347926 | 2.874175 | 2.1335% | 1903 | 0.340658 | 2.935496 | 1.8151% | 1902 |
| 0.334585 | 2.988780 | 1.8943% | 1901 | 0.328364 | 3.045398 | 3.0255% | 1900 |
| 0.318721 | 3.137536 | 0.6278% | 1899 | 0.316733 | 3.157235 | 1.7757% | 1898 |
| 0.311207 | 3.213296 | 1.8078% | 1897 | 0.305681 | 3.271385 | 1.8396% | 1896 |
| 0.300159 | 3.331565 | 1.8755% | 1895 | 0.294633 | 3.394050 | 1.9114% | 1894 |
| 0.289107 | 3.458923 | 1.9486% | 1893 | 0.283581 | 3.526325 | 1.9858% | 1892 |
| 0.278060 | 3.596351 | 2.0276% | 1891 | 0.272534 | 3.669272 | 2.6465% | 1890 |
| 0.265507 | 3.766380 | 1.5328% | 1889 | 0.261499 | 3.824111 | 2.0811% | 1888 |
| 0.256167 | 3.903696 | 2.1599% | 1887 | 0.250752 | 3.988010 | 2.2075% | 1886 |
| 0.245336 | 4.076047 | 2.2592% | 1885 | 0.239916 | 4.168132 | 2.3095% | 1884 |
| 0.234500 | 4.264396 | 2.3641% | 1883 | 0.229084 | 4.365213 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.223668 | 4.470911 | 2.4815% | 1881 | 0.218252 | 4.581856 | 3.7644% | 1880 |
| 0.210334 | 4.754335 | 0.9432% | 1879 | 0.208369 | 4.799179 | 2.1464% | 1878 |
| 0.203991 | 4.902188 | 2.1913% | 1877 | 0.199616 | 5.009609 | 2.2426% | 1876 |
| 0.195238 | 5.121955 | 2.2941% | 1875 | 0.190860 | 5.239456 | 2.3456% | 1874 |
| 0.186485 | 5.362352 | 2.4043% | 1873 | 0.182107 | 5.491280 | 2.4635% | 1872 |
| 0.177728 | 5.626561 | 2.5258% | 1871 | 0.173350 | 5.768675 | 5.9947% | 1870 |
| 0.163546 | 6.114488 | -1.0968% | 1869 | 0.165360 | 6.047425 | 2.1930% | 1868 |
| 0.161811 | 6.180043 | 2.2394% | 1867 | 0.158267 | 6.318440 | 2.2935% | 1866 |
| 0.154718 | 6.463353 | 2.3445% | 1865 | 0.151174 | 6.614885 | 2.4037% | 1864 |
| 0.147626 | 6.773886 | 2.4599% | 1863 | 0.144082 | 6.940516 | 2.5250% | 1862 |
| 0.140533 | 7.115765 | 2.5872% | 1861 | 0.136989 | 7.299867 | 2.9504% | 1860 |
| 0.133063 | 7.515243 | 2.4012% | 1859 | 0.129943 | 7.695702 | 2.7627% | 1858 |
| 0.126449 | 7.908312 | 2.8412% | 1857 | 0.122956 | 8.133003 | 2.9243% | 1856 |
| 0.119462 | 8.370835 | 3.0161% | 1855 | 0.115965 | 8.623311 | 3.1061% | 1854 |
| 0.112471 | 8.891156 | 3.2056% | 1853 | 0.108978 | 9.176173 | 3.3118% | 1852 |
| 0.105484 | 9.480069 | 3.4252% | 1851 | 0.101991 | 9.804783 | 4.0106% | 1850 |
| 0.098058 | 10.198014 | 2.3254% | 1849 | 0.095830 | 10.435155 | 2.7841% | 1848 |
| 0.093234 | 10.725679 | 2.8590% | 1847 | 0.090643 | 11.032327 | 2.9432% | 1846 |
| 0.088051 | 11.357026 | 3.0324% | 1845 | 0.085460 | 11.701417 | 3.1325% | 1844 |
| 0.082864 | 12.067965 | 3.2284% | 1843 | 0.080273 | 12.457562 | 3.3361% | 1842 |
| 0.077681 | 12.873153 | 3.4512% | 1841 | 0.075090 | 13.317431 | 3.8105% | 1840 |
| 0.072333 | 13.824890 | 2.3861% | 1839 | 0.070648 | 14.154759 | 2.5824% | 1838 |
| 0.068869 | 14.520290 | 2.6573% | 1837 | 0.067086 | 14.906142 | 2.7232% | 1836 |
| 0.065308 | 15.312066 | 2.7994% | 1835 | 0.063530 | 15.740719 | 2.8871% | 1834 |
| 0.061747 | 16.195172 | 2.9657% | 1833 | 0.059968 | 16.675470 | 3.0563% | 1832 |
| 0.058190 | 17.185126 | 3.1604% | 1831 | 0.056407 | 17.728249 | 3.4660% | 1830 |
| 0.054518 | 18.342704 | 2.4653% | 1829 | 0.053206 | 18.794906 | 2.6804% | 1828 |
| 0.051817 | 19.298684 | 10.3427% | 1827 | 0.046960 | 21.294680 | -4.2314% | 1826 |
| 0.049035 | 20.393610 | 2.9150% | 1825 | 0.047646 | 20.988091 | 3.0026% | 1824 |
| 0.046257 | 21.618272 | 3.0955% | 1823 | 0.044868 | 22.287467 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.043479 | 22.999416 | 3.3102% | 1821 | 0.042086 | 23.760741 | 3.2277% | 1820 |
| 0.040770 | 24.527675 | 2.6573% | 1819 | 0.039715 | 25.179443 | 2.6261% | 1818 |
| 0.038699 | 25.840683 | 2.6969% | 1817 | 0.037682 | 26.537588 | 2.7717% | 1816 |
| 0.036666 | 27.273126 | 2.8507% | 1815 | 0.035650 | 28.050600 | 2.9343% | 1814 |
| 0.034634 | 28.873701 | 3.0231% | 1813 | 0.033617 | 29.746568 | 3.1039% | 1812 |
| 0.032605 | 30.669870 | 3.2172% | 1811 | 0.031589 | 31.656568 | 3.0969% | 1810 |
| 0.030640 | 32.636945 | 2.9144% | 1809 | 0.029772 | 33.588110 | 2.8225% | 1808 |
| 0.028955 | 34.536122 | 2.9199% | 1807 | 0.028134 | 35.544551 | 2.9918% | 1806 |
| 0.027316 | 36.607968 | 3.0841% | 1805 | 0.026499 | 37.736977 | 3.1822% | 1804 |
| 0.025682 | 38.937840 | 3.2868% | 1803 | 0.024865 | 40.217643 | 3.3985% | 1802 |
| 0.024047 | 41.584434 | 3.5180% | 1801 | 0.023230 | 43.047393 | 3.3999% | 1800 |
| 0.022466 | 44.510982 | 2.8419% | 1799 | 0.021846 | 45.775926 | 2.7485% | 1798 |
| 0.021261 | 47.034057 | 2.8261% | 1797 | 0.020677 | 48.363301 | 3.7832% | 1796 |
| 0.019923 | 50.192986 | 2.1272% | 1795 | 0.019508 | 51.260690 | 3.0879% | 1794 |
| 0.018924 | 52.843589 | 3.1625% | 1793 | 0.018344 | 54.514774 | 3.2904% | 1792 |
| 0.017759 | 56.308536 | 3.4024% | 1791 | 0.017175 | 58.224359 | 3.2296% | 1790 |
| 0.016638 | 60.104752 | 41.3145% | 1780 | 0.011773 | 84.936700 | 29.4353% | 1770 |
| 0.009096 | 109.938085 | 83.4728% | 1750 | 0.004958 | 201.706525 | 29.2845% | 1740 |
| 0.003835 | 260.775177 | 94.2514% | 1720 | 0.001974 | 506.559417 | 85.8111% | 1700 |
| 0.001062 | 941.243523 | 19.2490% | 1690 | 0.000891 | 1122.423954 | 88.0250% | 1670 |
| 0.000474 | 2110.437891 | | | | | | |

BASE YEAR: 1983

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.286795 | 0.777125 | 8.2857% | 2001 | 1.188333 | 0.841515 | 1.0000% |
| 2000 | 1.176568 | 0.849930 | 1.0000% | 1999 | 1.164918 | 0.858429 | 1.0000% |
| 1998 | 1.153385 | 0.867014 | 1.0000% | 1997 | 1.141965 | 0.875684 | 1.0000% |
| 1996 | 1.130658 | 0.884441 | 1.0000% | 1995 | 1.119464 | 0.893285 | 0.9992% |
| 1994 | 1.108388 | 0.902211 | 1.0008% | 1993 | 1.097406 | 0.911240 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.086540 | 0.920352 | 0.9295% | 1991 | 1.076534 | 0.928907 | 1.2505% | 1990 |
| 1.063238 | 0.940523 | 0.7224% | 1989 | 1.055612 | 0.947318 | 1.1077% | 1988 |
| 1.044047 | 0.957811 | 0.8834% | 1987 | 1.034905 | 0.966272 | 0.5594% | 1986 |
| 1.029148 | 0.971677 | 1.3056% | 1985 | 1.015885 | 0.984364 | 0.7673% | 1984 |
| 1.008149 | 0.991916 | 0.8149% | 1983 | 1.000000 | 1.000000 | 0.9737% | 1982 |
| 0.990356 | 1.009737 | 0.9508% | 1981 | 0.981029 | 1.019338 | 0.9031% | 1980 |
| 0.972249 | 1.028543 | 2.2701% | 1979 | 0.950668 | 1.051892 | 1.0042% | 1978 |
| 0.941216 | 1.062455 | 0.9896% | 1977 | 0.931993 | 1.072969 | 0.9103% | 1976 |
| 0.923586 | 1.082737 | 0.8394% | 1975 | 0.915897 | 1.091826 | 0.9042% | 1974 |
| 0.907690 | 1.101698 | 1.1568% | 1973 | 0.897310 | 1.114442 | 0.9427% | 1972 |
| 0.888930 | 1.124948 | 0.7426% | 1971 | 0.882377 | 1.133302 | 1.4697% | 1970 |
| 0.869597 | 1.149959 | 0.6968% | 1969 | 0.863579 | 1.157972 | 0.8565% | 1968 |
| 0.856245 | 1.167890 | 1.5090% | 1967 | 0.843516 | 1.185514 | 0.9949% | 1966 |
| 0.835206 | 1.197309 | 1.0575% | 1965 | 0.826467 | 1.209970 | 1.1300% | 1964 |
| 0.817232 | 1.223643 | 1.5537% | 1963 | 0.804729 | 1.242654 | 1.4658% | 1962 |
| 0.793104 | 1.260869 | 1.5364% | 1961 | 0.781103 | 1.280242 | 2.1586% | 1960 |
| 0.764598 | 1.307877 | -1.6655% | 1959 | 0.777548 | 1.286095 | 4.3080% | 1958 |
| 0.745434 | 1.341500 | 2.1130% | 1957 | 0.730010 | 1.369845 | 1.9895% | 1956 |
| 0.715769 | 1.397098 | 2.1231% | 1955 | 0.700889 | 1.426760 | 1.4496% | 1954 |
| 0.690874 | 1.447442 | 2.1573% | 1953 | 0.676285 | 1.478667 | 1.2298% | 1952 |
| 0.668069 | 1.496851 | 1.6814% | 1951 | 0.657022 | 1.522019 | 1.6233% | 1950 |
| 0.646527 | 1.546726 | 1.4265% | 1949 | 0.637434 | 1.568790 | 1.7790% | 1948 |
| 0.626292 | 1.596700 | 1.8242% | 1947 | 0.615072 | 1.625826 | -2.6320% | 1946 |
| 0.631699 | 1.583034 | 3.1768% | 1945 | 0.612249 | 1.633323 | 6.4754% | 1944 |
| 0.575014 | 1.739088 | -0.3437% | 1943 | 0.576997 | 1.733111 | 0.6562% | 1942 |
| 0.573235 | 1.744484 | 0.6633% | 1941 | 0.569458 | 1.756055 | -5.6614% | 1940 |
| 0.603632 | 1.656638 | 8.0381% | 1939 | 0.558722 | 1.789800 | 0.8126% | 1938 |
| 0.554218 | 1.804344 | 0.7762% | 1937 | 0.549949 | 1.818350 | 0.6029% | 1936 |
| 0.546653 | 1.829313 | 0.5244% | 1935 | 0.543802 | 1.838906 | -3.0364% | 1934 |
| 0.560831 | 1.783070 | 4.6271% | 1933 | 0.536028 | 1.865575 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.528668 | 1.891546 | -0.2051% | 1931 | 0.529755 | 1.887666 | 0.8886% | 1930 |
| 0.525089 | 1.904440 | 1.0126% | 1929 | 0.519825 | 1.923724 | 1.1526% | 1928 |
| 0.513902 | 1.945897 | 1.2160% | 1927 | 0.507728 | 1.969559 | 1.4086% | 1926 |
| 0.500675 | 1.997302 | 1.7667% | 1925 | 0.491984 | 2.032588 | 1.4465% | 1924 |
| 0.484969 | 2.061989 | 1.7700% | 1923 | 0.476534 | 2.098486 | 1.6165% | 1922 |
| 0.468953 | 2.132408 | 1.3736% | 1921 | 0.462599 | 2.161700 | 2.3393% | 1920 |
| 0.452025 | 2.212269 | 1.3140% | 1919 | 0.446162 | 2.241338 | 0.7676% | 1918 |
| 0.442763 | 2.258544 | 0.3870% | 1917 | 0.441056 | 2.267284 | 1.3274% | 1916 |
| 0.435278 | 2.297381 | 1.4083% | 1915 | 0.429233 | 2.329735 | 1.4458% | 1914 |
| 0.423116 | 2.363418 | 1.9424% | 1913 | 0.415054 | 2.409325 | 1.9857% | 1912 |
| 0.406973 | 2.457166 | 1.5634% | 1911 | 0.400708 | 2.495581 | 1.8169% | 1910 |
| 0.393558 | 2.540924 | 1.8781% | 1909 | 0.386303 | 2.588644 | 2.0082% | 1908 |
| 0.378697 | 2.640630 | 1.9603% | 1907 | 0.371417 | 2.692393 | 1.8264% | 1906 |
| 0.364755 | 2.741566 | 1.9357% | 1905 | 0.357829 | 2.794634 | 2.0148% | 1904 |
| 0.350761 | 2.850941 | 2.1335% | 1903 | 0.343434 | 2.911767 | 1.8151% | 1902 |
| 0.337311 | 2.964620 | 1.8943% | 1901 | 0.331040 | 3.020780 | 3.0255% | 1900 |
| 0.321319 | 3.112174 | 0.6278% | 1899 | 0.319314 | 3.131713 | 1.7757% | 1898 |
| 0.313743 | 3.187321 | 1.8078% | 1897 | 0.308172 | 3.244940 | 1.8396% | 1896 |
| 0.302605 | 3.304634 | 1.8755% | 1895 | 0.297034 | 3.366614 | 1.9114% | 1894 |
| 0.291463 | 3.430963 | 1.9486% | 1893 | 0.285892 | 3.497820 | 1.9858% | 1892 |
| 0.280326 | 3.567280 | 2.0276% | 1891 | 0.274755 | 3.639611 | 2.6465% | 1890 |
| 0.267671 | 3.735934 | 1.5328% | 1889 | 0.263630 | 3.793199 | 2.0811% | 1888 |
| 0.258255 | 3.872140 | 2.1599% | 1887 | 0.252795 | 3.955773 | 2.2075% | 1886 |
| 0.247335 | 4.043098 | 2.2592% | 1885 | 0.241871 | 4.134438 | 2.3095% | 1884 |
| 0.236411 | 4.229925 | 2.3641% | 1883 | 0.230951 | 4.329926 | 2.4214% | 1882 |
| 0.225491 | 4.434770 | 2.4815% | 1881 | 0.220031 | 4.544818 | 3.7644% | 1880 |
| 0.212048 | 4.715903 | 0.9432% | 1879 | 0.210067 | 4.760384 | 2.1464% | 1878 |
| 0.205653 | 4.862561 | 2.1913% | 1877 | 0.201243 | 4.969114 | 2.2426% | 1876 |
| 0.196829 | 5.080552 | 2.2941% | 1875 | 0.192415 | 5.197102 | 2.3456% | 1874 |
| 0.188005 | 5.319005 | 2.4043% | 1873 | 0.183591 | 5.446891 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.179177 | 5.581078 | 2.5258% | 1871 | 0.174763 | 5.722043 | 5.9947% | 1870 |
| 0.164879 | 6.065061 | -1.0968% | 1869 | 0.166707 | 5.998540 | 2.1930% | 1868 |
| 0.163130 | 6.130087 | 2.2394% | 1867 | 0.159557 | 6.267364 | 2.2935% | 1866 |
| 0.155979 | 6.411106 | 2.3445% | 1865 | 0.152406 | 6.561413 | 2.4037% | 1864 |
| 0.148829 | 6.719129 | 2.4599% | 1863 | 0.145256 | 6.884412 | 2.5250% | 1862 |
| 0.141678 | 7.058244 | 2.5872% | 1861 | 0.138105 | 7.240858 | 2.9504% | 1860 |
| 0.134147 | 7.454493 | 2.4012% | 1859 | 0.131002 | 7.633493 | 2.7627% | 1858 |
| 0.127480 | 7.844384 | 2.8412% | 1857 | 0.123958 | 8.067259 | 2.9243% | 1856 |
| 0.120436 | 8.303169 | 3.0161% | 1855 | 0.116910 | 8.553604 | 3.1061% | 1854 |
| 0.113388 | 8.819284 | 3.2056% | 1853 | 0.109866 | 9.101997 | 3.3118% | 1852 |
| 0.106344 | 9.403436 | 3.4252% | 1851 | 0.102822 | 9.725525 | 4.0106% | 1850 |
| 0.098857 | 10.115578 | 2.3254% | 1849 | 0.096611 | 10.350802 | 2.7841% | 1848 |
| 0.093994 | 10.638977 | 2.8590% | 1847 | 0.091381 | 10.943147 | 2.9432% | 1846 |
| 0.088769 | 11.265221 | 3.0324% | 1845 | 0.086156 | 11.606828 | 3.1325% | 1844 |
| 0.083539 | 11.970412 | 3.2284% | 1843 | 0.080927 | 12.356860 | 3.3361% | 1842 |
| 0.078314 | 12.769092 | 3.4512% | 1841 | 0.075701 | 13.209778 | 3.8105% | 1840 |
| 0.072923 | 13.713135 | 2.3861% | 1839 | 0.071223 | 14.040338 | 2.5824% | 1838 |
| 0.069430 | 14.402914 | 2.6573% | 1837 | 0.067633 | 14.785647 | 2.7232% | 1836 |
| 0.065840 | 15.188290 | 2.7994% | 1835 | 0.064047 | 15.613477 | 2.8871% | 1834 |
| 0.062250 | 16.064257 | 2.9657% | 1833 | 0.060457 | 16.540672 | 3.0563% | 1832 |
| 0.058664 | 17.046209 | 3.1604% | 1831 | 0.056867 | 17.584941 | 3.4660% | 1830 |
| 0.054962 | 18.194429 | 2.4653% | 1829 | 0.053640 | 18.642977 | 2.6804% | 1828 |
| 0.052239 | 19.142682 | 10.3427% | 1827 | 0.047343 | 21.122543 | -4.2314% | 1826 |
| 0.049435 | 20.228756 | 2.9150% | 1825 | 0.048034 | 20.818432 | 3.0026% | 1824 |
| 0.046634 | 21.443519 | 3.0955% | 1823 | 0.045234 | 22.107305 | 3.1944% | 1822 |
| 0.043834 | 22.813498 | 3.3102% | 1821 | 0.042429 | 23.568669 | 3.2277% | 1820 |
| 0.041103 | 24.329404 | 2.6573% | 1819 | 0.040039 | 24.975904 | 2.6261% | 1818 |
| 0.039014 | 25.631798 | 2.6969% | 1817 | 0.037989 | 26.323070 | 2.7717% | 1816 |
| 0.036965 | 27.052662 | 2.8507% | 1815 | 0.035940 | 27.823851 | 2.9343% | 1814 |
| 0.034916 | 28.640298 | 3.0231% | 1813 | 0.033891 | 29.506109 | 3.1039% | 1812 |

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|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.032871 | 30.421948 | 3.2172% | 1811 | 0.031846 | 31.400670 | 3.0969% | 1810 |
| 0.030890 | 32.373122 | 2.9144% | 1809 | 0.030015 | 33.316598 | 2.8225% | 1808 |
| 0.029191 | 34.256946 | 2.9199% | 1807 | 0.028363 | 35.257225 | 2.9918% | 1806 |
| 0.027539 | 36.312045 | 3.0841% | 1805 | 0.026715 | 37.431927 | 3.1822% | 1804 |
| 0.025891 | 38.623083 | 3.2868% | 1803 | 0.025067 | 39.892541 | 3.3985% | 1802 |
| 0.024243 | 41.248283 | 3.5180% | 1801 | 0.023420 | 42.699417 | 3.3999% | 1800 |
| 0.022649 | 44.151174 | 2.8419% | 1799 | 0.022024 | 45.405893 | 2.7485% | 1798 |
| 0.021434 | 46.653854 | 2.8261% | 1797 | 0.020845 | 47.972353 | 3.7832% | 1796 |
| 0.020085 | 49.787248 | 2.1272% | 1795 | 0.019667 | 50.846321 | 3.0879% | 1794 |
| 0.019078 | 52.416424 | 3.1625% | 1793 | 0.018493 | 54.074100 | 3.2904% | 1792 |
| 0.017904 | 55.853362 | 3.4024% | 1791 | 0.017315 | 57.753698 | 3.2296% | 1790 |
| 0.016773 | 59.618891 | 41.3145% | 1780 | 0.011869 | 84.250108 | 29.4353% | 1770 |
| 0.009170 | 109.049392 | 83.4728% | 1750 | 0.004998 | 200.076016 | 29.2845% | 1740 |
| 0.003866 | 258.667182 | 94.2514% | 1720 | 0.001990 | 502.464607 | 85.8111% | 1700 |
| 0.001071 | 933.634914 | 19.2490% | 1690 | 0.000898 | 1113.350760 | 88.0250% | 1670 |
| 0.000478 | 2093.378016 | | | | | | |

BASE YEAR: 1982

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.299325 | 0.769631 | 8.2857% | 2001 | 1.199905 | 0.833399 | 1.0000% |
| 2000 | 1.188024 | 0.841734 | 1.0000% | 1999 | 1.176262 | 0.850151 | 1.0000% |
| 1998 | 1.164616 | 0.858652 | 1.0000% | 1997 | 1.153085 | 0.867239 | 1.0000% |
| 1996 | 1.141668 | 0.875911 | 1.0000% | 1995 | 1.130364 | 0.884670 | 0.9992% |
| 1994 | 1.119181 | 0.893510 | 1.0008% | 1993 | 1.108092 | 0.902452 | 1.0000% |
| 1992 | 1.097121 | 0.911477 | 0.9295% | 1991 | 1.087017 | 0.919949 | 1.2505% |
| 1990 | 1.073591 | 0.931453 | 0.7224% | 1989 | 1.065891 | 0.938182 | 1.1077% |
| 1988 | 1.054214 | 0.948574 | 0.8834% | 1987 | 1.044983 | 0.956954 | 0.5594% |
| 1986 | 1.039170 | 0.962307 | 1.3056% | 1985 | 1.025777 | 0.974871 | 0.7673% |
| 1984 | 1.017966 | 0.982351 | 0.8149% | 1983 | 1.009737 | 0.990356 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.000000 | 1.000000 | 0.9508% | 1981 | 0.990581 | 1.009508 | 0.9031% | 1980 |
| 0.981716 | 1.018625 | 2.2701% | 1979 | 0.959925 | 1.041748 | 1.0042% | 1978 |
| 0.950381 | 1.052209 | 0.9896% | 1977 | 0.941069 | 1.062622 | 0.9103% | 1976 |
| 0.932579 | 1.072295 | 0.8394% | 1975 | 0.924816 | 1.081296 | 0.9042% | 1974 |
| 0.916529 | 1.091073 | 1.1568% | 1973 | 0.906048 | 1.103695 | 0.9427% | 1972 |
| 0.897586 | 1.114099 | 0.7426% | 1971 | 0.890969 | 1.122373 | 1.4697% | 1970 |
| 0.878064 | 1.138869 | 0.6968% | 1969 | 0.871988 | 1.146805 | 0.8565% | 1968 |
| 0.864583 | 1.156628 | 1.5090% | 1967 | 0.851730 | 1.174082 | 0.9949% | 1966 |
| 0.843339 | 1.185763 | 1.0575% | 1965 | 0.834514 | 1.198302 | 1.1300% | 1964 |
| 0.825190 | 1.211843 | 1.5537% | 1963 | 0.812565 | 1.230670 | 1.4658% | 1962 |
| 0.800827 | 1.248710 | 1.5364% | 1961 | 0.788709 | 1.267895 | 2.1586% | 1960 |
| 0.772043 | 1.295265 | -1.6655% | 1959 | 0.785119 | 1.273692 | 4.3080% | 1958 |
| 0.752693 | 1.328563 | 2.1130% | 1957 | 0.737118 | 1.356635 | 1.9895% | 1956 |
| 0.722739 | 1.383625 | 2.1231% | 1955 | 0.707714 | 1.413001 | 1.4496% | 1954 |
| 0.697601 | 1.433484 | 2.1573% | 1953 | 0.682870 | 1.464408 | 1.2298% | 1952 |
| 0.674574 | 1.482416 | 1.6814% | 1951 | 0.663420 | 1.507341 | 1.6233% | 1950 |
| 0.652823 | 1.531810 | 1.4265% | 1949 | 0.643641 | 1.553661 | 1.7790% | 1948 |
| 0.632390 | 1.581302 | 1.8242% | 1947 | 0.621061 | 1.610147 | -2.6320% | 1946 |
| 0.637850 | 1.567767 | 3.1768% | 1945 | 0.618210 | 1.617572 | 6.4754% | 1944 |
| 0.580613 | 1.722317 | -0.3437% | 1943 | 0.582616 | 1.716398 | 0.6562% | 1942 |
| 0.578817 | 1.727661 | 0.6633% | 1941 | 0.575003 | 1.739121 | -5.6614% | 1940 |
| 0.609510 | 1.640662 | 8.0381% | 1939 | 0.564162 | 1.772540 | 0.8126% | 1938 |
| 0.559615 | 1.786944 | 0.7762% | 1937 | 0.555304 | 1.800815 | 0.6029% | 1936 |
| 0.551976 | 1.811672 | 0.5244% | 1935 | 0.549097 | 1.821172 | -3.0364% | 1934 |
| 0.566292 | 1.765875 | 4.6271% | 1933 | 0.541247 | 1.847584 | 1.3921% | 1932 |
| 0.533816 | 1.873304 | -0.2051% | 1931 | 0.534913 | 1.869462 | 0.8886% | 1930 |
| 0.530202 | 1.886074 | 1.0126% | 1929 | 0.524887 | 1.905173 | 1.1526% | 1928 |
| 0.518906 | 1.927131 | 1.2160% | 1927 | 0.512672 | 1.950565 | 1.4086% | 1926 |
| 0.505551 | 1.978041 | 1.7667% | 1925 | 0.496774 | 2.012986 | 1.4465% | 1924 |
| 0.489691 | 2.042104 | 1.7700% | 1923 | 0.481174 | 2.078249 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.473520 | 2.111844 | 1.3736% | 1921 | 0.467103 | 2.140854 | 2.3393% | 1920 |
| 0.456426 | 2.190935 | 1.3140% | 1919 | 0.450506 | 2.219724 | 0.7676% | 1918 |
| 0.447075 | 2.236763 | 0.3870% | 1917 | 0.445351 | 2.245419 | 1.3274% | 1916 |
| 0.439517 | 2.275226 | 1.4083% | 1915 | 0.433413 | 2.307268 | 1.4458% | 1914 |
| 0.427236 | 2.340626 | 1.9424% | 1913 | 0.419096 | 2.386090 | 1.9857% | 1912 |
| 0.410936 | 2.433470 | 1.5634% | 1911 | 0.404610 | 2.471515 | 1.8169% | 1910 |
| 0.397390 | 2.516420 | 1.8781% | 1909 | 0.390064 | 2.563680 | 2.0082% | 1908 |
| 0.382385 | 2.615165 | 1.9603% | 1907 | 0.375033 | 2.666429 | 1.8264% | 1906 |
| 0.368307 | 2.715128 | 1.9357% | 1905 | 0.361313 | 2.767684 | 2.0148% | 1904 |
| 0.354177 | 2.823448 | 2.1335% | 1903 | 0.346778 | 2.883687 | 1.8151% | 1902 |
| 0.340596 | 2.936030 | 1.8943% | 1901 | 0.334264 | 2.991649 | 3.0255% | 1900 |
| 0.324448 | 3.082161 | 0.6278% | 1899 | 0.322423 | 3.101512 | 1.7757% | 1898 |
| 0.316798 | 3.156584 | 1.8078% | 1897 | 0.311173 | 3.213648 | 1.8396% | 1896 |
| 0.305552 | 3.272766 | 1.8755% | 1895 | 0.299927 | 3.334148 | 1.9114% | 1894 |
| 0.294301 | 3.397876 | 1.9486% | 1893 | 0.288676 | 3.464088 | 1.9858% | 1892 |
| 0.283055 | 3.532879 | 2.0276% | 1891 | 0.277430 | 3.604512 | 2.6465% | 1890 |
| 0.270277 | 3.699906 | 1.5328% | 1889 | 0.266197 | 3.756619 | 2.0811% | 1888 |
| 0.260770 | 3.834799 | 2.1599% | 1887 | 0.255257 | 3.917625 | 2.2075% | 1886 |
| 0.249744 | 4.004108 | 2.2592% | 1885 | 0.244226 | 4.094567 | 2.3095% | 1884 |
| 0.238713 | 4.189133 | 2.3641% | 1883 | 0.233200 | 4.288170 | 2.4214% | 1882 |
| 0.227687 | 4.392003 | 2.4815% | 1881 | 0.222173 | 4.500989 | 3.7644% | 1880 |
| 0.214113 | 4.670425 | 0.9432% | 1879 | 0.212113 | 4.714477 | 2.1464% | 1878 |
| 0.207656 | 4.815668 | 2.1913% | 1877 | 0.203203 | 4.921194 | 2.2426% | 1876 |
| 0.198746 | 5.031557 | 2.2941% | 1875 | 0.194289 | 5.146984 | 2.3456% | 1874 |
| 0.189836 | 5.267711 | 2.4043% | 1873 | 0.185379 | 5.394364 | 2.4635% | 1872 |
| 0.180922 | 5.527256 | 2.5258% | 1871 | 0.176465 | 5.666862 | 5.9947% | 1870 |
| 0.166484 | 6.006572 | -1.0968% | 1869 | 0.168331 | 5.940693 | 2.1930% | 1868 |
| 0.164718 | 6.070971 | 2.2394% | 1867 | 0.161110 | 6.206924 | 2.2935% | 1866 |
| 0.157498 | 6.349280 | 2.3445% | 1865 | 0.153890 | 6.498137 | 2.4037% | 1864 |
| 0.150278 | 6.654333 | 2.4599% | 1863 | 0.146670 | 6.818022 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.143058 | 6.990177 | 2.5872% | 1861 | 0.139450 | 7.171030 | 2.9504% | 1860 |
| 0.135454 | 7.382605 | 2.4012% | 1859 | 0.132277 | 7.559879 | 2.7627% | 1858 |
| 0.128721 | 7.768736 | 2.8412% | 1857 | 0.125165 | 7.989462 | 2.9243% | 1856 |
| 0.121609 | 8.223097 | 3.0161% | 1855 | 0.118048 | 8.471117 | 3.1061% | 1854 |
| 0.114492 | 8.734234 | 3.2056% | 1853 | 0.110936 | 9.014221 | 3.3118% | 1852 |
| 0.107380 | 9.312753 | 3.4252% | 1851 | 0.103823 | 9.631736 | 4.0106% | 1850 |
| 0.099820 | 10.018027 | 2.3254% | 1849 | 0.097552 | 10.250983 | 2.7841% | 1848 |
| 0.094909 | 10.536379 | 2.8590% | 1847 | 0.092271 | 10.837616 | 2.9432% | 1846 |
| 0.089633 | 11.156584 | 3.0324% | 1845 | 0.086995 | 11.494896 | 3.1325% | 1844 |
| 0.084353 | 11.854975 | 3.2284% | 1843 | 0.081715 | 12.237696 | 3.3361% | 1842 |
| 0.079077 | 12.645953 | 3.4512% | 1841 | 0.076439 | 13.082389 | 3.8105% | 1840 |
| 0.073633 | 13.580892 | 2.3861% | 1839 | 0.071917 | 13.904939 | 2.5824% | 1838 |
| 0.070106 | 14.264019 | 2.6573% | 1837 | 0.068292 | 14.643060 | 2.7232% | 1836 |
| 0.066481 | 15.041821 | 2.7994% | 1835 | 0.064671 | 15.462907 | 2.8871% | 1834 |
| 0.062856 | 15.909340 | 2.9657% | 1833 | 0.061046 | 16.381161 | 3.0563% | 1832 |
| 0.059235 | 16.881822 | 3.1604% | 1831 | 0.057421 | 17.415359 | 3.4660% | 1830 |
| 0.055497 | 18.018970 | 2.4653% | 1829 | 0.054162 | 18.463191 | 2.6804% | 1828 |
| 0.052748 | 18.958078 | 10.3427% | 1827 | 0.047804 | 20.918846 | -4.2314% | 1826 |
| 0.049916 | 20.033679 | 2.9150% | 1825 | 0.048502 | 20.617668 | 3.0026% | 1824 |
| 0.047088 | 21.236726 | 3.0955% | 1823 | 0.045674 | 21.894111 | 3.1944% | 1822 |
| 0.044261 | 22.593494 | 3.3102% | 1821 | 0.042842 | 23.341382 | 3.2277% | 1820 |
| 0.041503 | 24.094781 | 2.6573% | 1819 | 0.040428 | 24.735046 | 2.6261% | 1818 |
| 0.039394 | 25.384615 | 2.6969% | 1817 | 0.038359 | 26.069221 | 2.7717% | 1816 |
| 0.037325 | 26.791777 | 2.8507% | 1815 | 0.036290 | 27.555529 | 2.9343% | 1814 |
| 0.035256 | 28.364103 | 3.0231% | 1813 | 0.034221 | 29.221564 | 3.1039% | 1812 |
| 0.033191 | 30.128571 | 3.2172% | 1811 | 0.032157 | 31.097855 | 3.0969% | 1810 |
| 0.031191 | 32.060929 | 2.9144% | 1809 | 0.030307 | 32.995306 | 2.8225% | 1808 |
| 0.029475 | 33.926587 | 2.9199% | 1807 | 0.028639 | 34.917219 | 2.9918% | 1806 |
| 0.027807 | 35.961866 | 3.0841% | 1805 | 0.026975 | 37.070949 | 3.1822% | 1804 |
| 0.026143 | 38.250618 | 3.2868% | 1803 | 0.025311 | 39.507834 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.024480 | 40.850502 | 3.5180% | 1801 | 0.023648 | 42.287641 | 3.3999% | 1800 |
| 0.022870 | 43.725399 | 2.8419% | 1799 | 0.022238 | 44.968017 | 2.7485% | 1798 |
| 0.021643 | 46.203943 | 2.8261% | 1797 | 0.021048 | 47.509728 | 3.7832% | 1796 |
| 0.020281 | 49.307120 | 2.1272% | 1795 | 0.019859 | 50.355980 | 3.0879% | 1794 |
| 0.019264 | 51.910942 | 3.1625% | 1793 | 0.018673 | 53.552632 | 3.2904% | 1792 |
| 0.018078 | 55.314735 | 3.4024% | 1791 | 0.017484 | 57.196746 | 3.2296% | 1790 |
| 0.016937 | 59.043951 | 41.3145% | 1780 | 0.011985 | 83.437635 | 29.4353% | 1770 |
| 0.009259 | 107.997765 | 83.4728% | 1750 | 0.005047 | 198.146566 | 29.2845% | 1740 |
| 0.003904 | 256.172703 | 94.2514% | 1720 | 0.002010 | 497.619048 | 85.8111% | 1700 |
| 0.001082 | 924.631327 | 19.2490% | 1690 | 0.000907 | 1102.614068 | 88.0250% | 1670 |
| 0.000482 | 2073.190349 | | | | | | |

BASE YEAR: 1981

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.311679 | 0.762382 | 8.2857% | 2001 | 1.211314 | 0.825550 | 1.0000% |
| 2000 | 1.199320 | 0.833806 | 1.0000% | 1999 | 1.187446 | 0.842144 | 1.0000% |
| 1998 | 1.175689 | 0.850565 | 1.0000% | 1997 | 1.164048 | 0.859071 | 1.0000% |
| 1996 | 1.152523 | 0.867662 | 1.0000% | 1995 | 1.141112 | 0.876338 | 0.9992% |
| 1994 | 1.129823 | 0.885095 | 1.0008% | 1993 | 1.118628 | 0.893953 | 1.0000% |
| 1992 | 1.107552 | 0.902892 | 0.9295% | 1991 | 1.097352 | 0.911285 | 1.2505% |
| 1990 | 1.083799 | 0.922680 | 0.7224% | 1989 | 1.076025 | 0.929346 | 1.1077% |
| 1988 | 1.064237 | 0.939640 | 0.8834% | 1987 | 1.054918 | 0.947941 | 0.5594% |
| 1986 | 1.049050 | 0.953243 | 1.3056% | 1985 | 1.035530 | 0.965689 | 0.7673% |
| 1984 | 1.027645 | 0.973099 | 0.8149% | 1983 | 1.019338 | 0.981029 | 0.9737% |
| 1982 | 1.009508 | 0.990581 | 0.9508% | 1981 | 1.000000 | 1.000000 | 0.9031% |
| 1980 | 0.991050 | 1.009031 | 2.2701% | 1979 | 0.969052 | 1.031936 | 1.0042% |
| 1978 | 0.959418 | 1.042299 | 0.9896% | 1977 | 0.950016 | 1.052613 | 0.9103% |
| 1976 | 0.941446 | 1.062196 | 0.8394% | 1975 | 0.933609 | 1.071112 | 0.9042% |
| 1974 | 0.925243 | 1.080797 | 1.1568% | 1973 | 0.914662 | 1.093300 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.906120 | 1.103606 | 0.7426% | 1971 | 0.899441 | 1.111802 | 1.4697% | 1970 |
| 0.886413 | 1.128142 | 0.6968% | 1969 | 0.880279 | 1.136004 | 0.8565% | 1968 |
| 0.872803 | 1.145734 | 1.5090% | 1967 | 0.859828 | 1.163023 | 0.9949% | 1966 |
| 0.851358 | 1.174594 | 1.0575% | 1965 | 0.842449 | 1.187015 | 1.1300% | 1964 |
| 0.833036 | 1.200429 | 1.5537% | 1963 | 0.820291 | 1.219079 | 1.4658% | 1962 |
| 0.808441 | 1.236949 | 1.5364% | 1961 | 0.796208 | 1.255954 | 2.1586% | 1960 |
| 0.779384 | 1.283065 | -1.6655% | 1959 | 0.792584 | 1.261696 | 4.3080% | 1958 |
| 0.759850 | 1.316050 | 2.1130% | 1957 | 0.744127 | 1.343857 | 1.9895% | 1956 |
| 0.729611 | 1.370593 | 2.1231% | 1955 | 0.714443 | 1.399692 | 1.4496% | 1954 |
| 0.704234 | 1.419983 | 2.1573% | 1953 | 0.689363 | 1.450615 | 1.2298% | 1952 |
| 0.680988 | 1.468454 | 1.6814% | 1951 | 0.669728 | 1.493144 | 1.6233% | 1950 |
| 0.659030 | 1.517382 | 1.4265% | 1949 | 0.649761 | 1.539028 | 1.7790% | 1948 |
| 0.638403 | 1.566408 | 1.8242% | 1947 | 0.626966 | 1.594982 | -2.6320% | 1946 |
| 0.643914 | 1.553001 | 3.1768% | 1945 | 0.624088 | 1.602337 | 6.4754% | 1944 |
| 0.586134 | 1.706095 | -0.3437% | 1943 | 0.588155 | 1.700232 | 0.6562% | 1942 |
| 0.584321 | 1.711389 | 0.6633% | 1941 | 0.580470 | 1.722741 | -5.6614% | 1940 |
| 0.615305 | 1.625209 | 8.0381% | 1939 | 0.569526 | 1.755845 | 0.8126% | 1938 |
| 0.564935 | 1.770114 | 0.7762% | 1937 | 0.560584 | 1.783854 | 0.6029% | 1936 |
| 0.557225 | 1.794608 | 0.5244% | 1935 | 0.554318 | 1.804019 | -3.0364% | 1934 |
| 0.571676 | 1.749243 | 4.6271% | 1933 | 0.546394 | 1.830182 | 1.3921% | 1932 |
| 0.538892 | 1.855661 | -0.2051% | 1931 | 0.539999 | 1.851855 | 0.8886% | 1930 |
| 0.535243 | 1.868310 | 1.0126% | 1929 | 0.529878 | 1.887229 | 1.1526% | 1928 |
| 0.523840 | 1.908981 | 1.2160% | 1927 | 0.517546 | 1.932194 | 1.4086% | 1926 |
| 0.510358 | 1.959410 | 1.7667% | 1925 | 0.501498 | 1.994027 | 1.4465% | 1924 |
| 0.494347 | 2.022871 | 1.7700% | 1923 | 0.485749 | 2.058675 | 1.6165% | 1922 |
| 0.478022 | 2.091954 | 1.3736% | 1921 | 0.471545 | 2.120690 | 2.3393% | 1920 |
| 0.460766 | 2.170299 | 1.3140% | 1919 | 0.454790 | 2.198817 | 0.7676% | 1918 |
| 0.451325 | 2.215696 | 0.3870% | 1917 | 0.449586 | 2.224271 | 1.3274% | 1916 |
| 0.443696 | 2.253797 | 1.4083% | 1915 | 0.437534 | 2.285537 | 1.4458% | 1914 |
| 0.431298 | 2.318581 | 1.9424% | 1913 | 0.423080 | 2.363617 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.414843 | 2.410550 | 1.5634% | 1911 | 0.408457 | 2.448237 | 1.8169% | 1910 |
| 0.401168 | 2.492720 | 1.8781% | 1909 | 0.393773 | 2.539534 | 2.0082% | 1908 |
| 0.386021 | 2.590534 | 1.9603% | 1907 | 0.378599 | 2.641315 | 1.8264% | 1906 |
| 0.371809 | 2.689555 | 1.9357% | 1905 | 0.364748 | 2.741616 | 2.0148% | 1904 |
| 0.357544 | 2.796855 | 2.1335% | 1903 | 0.350075 | 2.856527 | 1.8151% | 1902 |
| 0.343834 | 2.908377 | 1.8943% | 1901 | 0.337442 | 2.963472 | 3.0255% | 1900 |
| 0.327533 | 3.053132 | 0.6278% | 1899 | 0.325489 | 3.072300 | 1.7757% | 1898 |
| 0.319810 | 3.126854 | 1.8078% | 1897 | 0.314132 | 3.183380 | 1.8396% | 1896 |
| 0.308457 | 3.241941 | 1.8755% | 1895 | 0.302778 | 3.302745 | 1.9114% | 1894 |
| 0.297100 | 3.365873 | 1.9486% | 1893 | 0.291421 | 3.431462 | 1.9858% | 1892 |
| 0.285747 | 3.499604 | 2.0276% | 1891 | 0.280068 | 3.570563 | 2.6465% | 1890 |
| 0.272847 | 3.665058 | 1.5328% | 1889 | 0.268728 | 3.721237 | 2.0811% | 1888 |
| 0.263249 | 3.798681 | 2.1599% | 1887 | 0.257684 | 3.880727 | 2.2075% | 1886 |
| 0.252118 | 3.966395 | 2.2592% | 1885 | 0.246548 | 4.056003 | 2.3095% | 1884 |
| 0.240983 | 4.149678 | 2.3641% | 1883 | 0.235417 | 4.247782 | 2.4214% | 1882 |
| 0.229851 | 4.350637 | 2.4815% | 1881 | 0.224286 | 4.458597 | 3.7644% | 1880 |
| 0.216149 | 4.626436 | 0.9432% | 1879 | 0.214129 | 4.670074 | 2.1464% | 1878 |
| 0.209630 | 4.770312 | 2.1913% | 1877 | 0.205135 | 4.874844 | 2.2426% | 1876 |
| 0.200635 | 4.984167 | 2.2941% | 1875 | 0.196136 | 5.098507 | 2.3456% | 1874 |
| 0.191641 | 5.218097 | 2.4043% | 1873 | 0.187141 | 5.343557 | 2.4635% | 1872 |
| 0.182642 | 5.475198 | 2.5258% | 1871 | 0.178142 | 5.613489 | 5.9947% | 1870 |
| 0.168067 | 5.949999 | -1.0968% | 1869 | 0.169931 | 5.884740 | 2.1930% | 1868 |
| 0.166284 | 6.013791 | 2.2394% | 1867 | 0.162642 | 6.148464 | 2.2935% | 1866 |
| 0.158996 | 6.289479 | 2.3445% | 1865 | 0.155353 | 6.436935 | 2.4037% | 1864 |
| 0.151707 | 6.591659 | 2.4599% | 1863 | 0.148065 | 6.753806 | 2.5250% | 1862 |
| 0.144418 | 6.924340 | 2.5872% | 1861 | 0.140776 | 7.103490 | 2.9504% | 1860 |
| 0.136741 | 7.313072 | 2.4012% | 1859 | 0.133535 | 7.488676 | 2.7627% | 1858 |
| 0.129945 | 7.695566 | 2.8412% | 1857 | 0.126355 | 7.914213 | 2.9243% | 1856 |
| 0.122765 | 8.145647 | 3.0161% | 1855 | 0.119171 | 8.391331 | 3.1061% | 1854 |
| 0.115581 | 8.651971 | 3.2056% | 1853 | 0.111991 | 8.929321 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.108401 | 9.225041 | 3.4252% | 1851 | 0.104811 | 9.541020 | 4.0106% | 1850 |
| 0.100769 | 9.923672 | 2.3254% | 1849 | 0.098479 | 10.154434 | 2.7841% | 1848 |
| 0.095812 | 10.437142 | 2.8590% | 1847 | 0.093149 | 10.735541 | 2.9432% | 1846 |
| 0.090485 | 11.051505 | 3.0324% | 1845 | 0.087822 | 11.386632 | 3.1325% | 1844 |
| 0.085155 | 11.743319 | 3.2284% | 1843 | 0.082492 | 12.122435 | 3.3361% | 1842 |
| 0.079829 | 12.526847 | 3.4512% | 1841 | 0.077165 | 12.959172 | 3.8105% | 1840 |
| 0.074333 | 13.452980 | 2.3861% | 1839 | 0.072601 | 13.773975 | 2.5824% | 1838 |
| 0.070773 | 14.129673 | 2.6573% | 1837 | 0.068941 | 14.505144 | 2.7232% | 1836 |
| 0.067113 | 14.900149 | 2.7994% | 1835 | 0.065286 | 15.317270 | 2.8871% | 1834 |
| 0.063454 | 15.759498 | 2.9657% | 1833 | 0.061626 | 16.226875 | 3.0563% | 1832 |
| 0.059799 | 16.722821 | 3.1604% | 1831 | 0.057967 | 17.251332 | 3.4660% | 1830 |
| 0.056025 | 17.849258 | 2.4653% | 1829 | 0.054677 | 18.289296 | 2.6804% | 1828 |
| 0.053249 | 18.779521 | 10.3427% | 1827 | 0.048258 | 20.721821 | -4.2314% | 1826 |
| 0.050391 | 19.844991 | 2.9150% | 1825 | 0.048963 | 20.423480 | 3.0026% | 1824 |
| 0.047536 | 21.036708 | 3.0955% | 1823 | 0.046109 | 21.687901 | 3.1944% | 1822 |
| 0.044681 | 22.380697 | 3.3102% | 1821 | 0.043250 | 23.121541 | 3.2277% | 1820 |
| 0.041897 | 23.867844 | 2.6573% | 1819 | 0.040813 | 24.502079 | 2.6261% | 1818 |
| 0.039768 | 25.145530 | 2.6969% | 1817 | 0.038724 | 25.823688 | 2.7717% | 1816 |
| 0.037680 | 26.539439 | 2.8507% | 1815 | 0.036635 | 27.295997 | 2.9343% | 1814 |
| 0.035591 | 28.096956 | 3.0231% | 1813 | 0.034547 | 28.946341 | 3.1039% | 1812 |
| 0.033507 | 29.844805 | 3.2172% | 1811 | 0.032462 | 30.804960 | 3.0969% | 1810 |
| 0.031487 | 31.758963 | 2.9144% | 1809 | 0.030596 | 32.684540 | 2.8225% | 1808 |
| 0.029756 | 33.607049 | 2.9199% | 1807 | 0.028911 | 34.588350 | 2.9918% | 1806 |
| 0.028072 | 35.623159 | 3.0841% | 1805 | 0.027232 | 36.721796 | 3.1822% | 1804 |
| 0.026392 | 37.890354 | 3.2868% | 1803 | 0.025552 | 39.135729 | 3.3985% | 1802 |
| 0.024712 | 40.465751 | 3.5180% | 1801 | 0.023872 | 41.889355 | 3.3999% | 1800 |
| 0.023087 | 43.313571 | 2.8419% | 1799 | 0.022449 | 44.544485 | 2.7485% | 1798 |
| 0.021849 | 45.768771 | 2.8261% | 1797 | 0.021248 | 47.062257 | 3.7832% | 1796 |
| 0.020474 | 48.842721 | 2.1272% | 1795 | 0.020047 | 49.881702 | 3.0879% | 1794 |
| 0.019447 | 51.422018 | 3.1625% | 1793 | 0.018851 | 53.048246 | 3.2904% | 1792 |

0.018250 54.793753 3.4024% 1791 0.017650 56.658037 3.2296% 1790
0.017098 58.487845 41.3145% 1780 0.012099 82.651777 29.4353% 1770
0.009347 106.980587 83.4728% 1750 0.005095 196.280321 29.2845%
1740 0.003941 253.759938 94.2514% 1720 0.002029 492.932218
85.8111% 1700 0.001092 915.922678 19.2490% 1690 0.000916
1092.229087 88.0250% 1670 0.000487 2053.663986

BASE YEAR: 1980

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.323524 0.755559 8.2857% 2001 1.222252 0.818162 1.0000%
2000 1.210151 0.826343 1.0000% 1999 1.198169 0.834607 1.0000% 1998
1.186306 0.842953 1.0000% 1997 1.174560 0.851382 1.0000% 1996
1.162931 0.859896 1.0000% 1995 1.151417 0.868495 0.9992% 1994
1.140026 0.877173 1.0008% 1993 1.128730 0.885952 1.0000% 1992
1.117554 0.894811 0.9295% 1991 1.107262 0.903129 1.2505% 1990
1.093586 0.914422 0.7224% 1989 1.085743 0.921029 1.1077% 1988
1.073848 0.931231 0.8834% 1987 1.064445 0.939457 0.5594% 1986
1.058524 0.944712 1.3056% 1985 1.044882 0.957046 0.7673% 1984
1.036925 0.964389 0.8149% 1983 1.028543 0.972249 0.9737% 1982
1.018625 0.981716 0.9508% 1981 1.009031 0.991050 0.9031% 1980
1.000000 1.000000 2.2701% 1979 0.977803 1.022701 1.0042% 1978
0.968082 1.032970 0.9896% 1977 0.958596 1.043193 0.9103% 1976
0.949948 1.052689 0.8394% 1975 0.942040 1.061526 0.9042% 1974
0.933599 1.071124 1.1568% 1973 0.922922 1.083515 0.9427% 1972
0.914303 1.093729 0.7426% 1971 0.907563 1.101851 1.4697% 1970
0.894418 1.118046 0.6968% 1969 0.888228 1.125837 0.8565% 1968
0.880685 1.135480 1.5090% 1967 0.867593 1.152615 0.9949% 1966
0.859046 1.164082 1.0575% 1965 0.850057 1.176392 1.1300% 1964
0.840558 1.189685 1.5537% 1963 0.827699 1.208169 1.4658% 1962

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.815742 | 1.225878 | 1.5364% | 1961 | 0.803398 | 1.244713 | 2.1586% | 1960 |
| 0.786422 | 1.271582 | -1.6655% | 1959 | 0.799741 | 1.250404 | 4.3080% | 1958 |
| 0.766712 | 1.304271 | 2.1130% | 1957 | 0.750846 | 1.331830 | 1.9895% | 1956 |
| 0.736200 | 1.358327 | 2.1231% | 1955 | 0.720895 | 1.387165 | 1.4496% | 1954 |
| 0.710594 | 1.407274 | 2.1573% | 1953 | 0.695588 | 1.437632 | 1.2298% | 1952 |
| 0.687138 | 1.455312 | 1.6814% | 1951 | 0.675776 | 1.479781 | 1.6233% | 1950 |
| 0.664981 | 1.503802 | 1.4265% | 1949 | 0.655628 | 1.525254 | 1.7790% | 1948 |
| 0.644168 | 1.552389 | 1.8242% | 1947 | 0.632628 | 1.580707 | -2.6320% | 1946 |
| 0.649729 | 1.539102 | 3.1768% | 1945 | 0.629724 | 1.587997 | 6.4754% | 1944 |
| 0.591427 | 1.690826 | -0.3437% | 1943 | 0.593467 | 1.685015 | 0.6562% | 1942 |
| 0.589597 | 1.696072 | 0.6633% | 1941 | 0.585712 | 1.707322 | -5.6614% | 1940 |
| 0.620862 | 1.610664 | 8.0381% | 1939 | 0.574670 | 1.740131 | 0.8126% | 1938 |
| 0.570037 | 1.754271 | 0.7762% | 1937 | 0.565646 | 1.767889 | 0.6029% | 1936 |
| 0.562257 | 1.778547 | 0.5244% | 1935 | 0.559324 | 1.787874 | -3.0364% | 1934 |
| 0.576839 | 1.733587 | 4.6271% | 1933 | 0.551328 | 1.813802 | 1.3921% | 1932 |
| 0.543758 | 1.839053 | -0.2051% | 1931 | 0.544876 | 1.835281 | 0.8886% | 1930 |
| 0.540077 | 1.851589 | 1.0126% | 1929 | 0.534663 | 1.870338 | 1.1526% | 1928 |
| 0.528570 | 1.891896 | 1.2160% | 1927 | 0.522220 | 1.914901 | 1.4086% | 1926 |
| 0.514966 | 1.941874 | 1.7667% | 1925 | 0.506027 | 1.976181 | 1.4465% | 1924 |
| 0.498811 | 2.004766 | 1.7700% | 1923 | 0.490136 | 2.040250 | 1.6165% | 1922 |
| 0.482339 | 2.073231 | 1.3736% | 1921 | 0.475803 | 2.101710 | 2.3393% | 1920 |
| 0.464927 | 2.150876 | 1.3140% | 1919 | 0.458897 | 2.179138 | 0.7676% | 1918 |
| 0.455401 | 2.195866 | 0.3870% | 1917 | 0.453646 | 2.204364 | 1.3274% | 1916 |
| 0.447703 | 2.233626 | 1.4083% | 1915 | 0.441485 | 2.265082 | 1.4458% | 1914 |
| 0.435193 | 2.297830 | 1.9424% | 1913 | 0.426901 | 2.342463 | 1.9857% | 1912 |
| 0.418589 | 2.388976 | 1.5634% | 1911 | 0.412146 | 2.426326 | 1.8169% | 1910 |
| 0.404791 | 2.470410 | 1.8781% | 1909 | 0.397329 | 2.516806 | 2.0082% | 1908 |
| 0.389507 | 2.567349 | 1.9603% | 1907 | 0.382018 | 2.617676 | 1.8264% | 1906 |
| 0.375166 | 2.665484 | 1.9357% | 1905 | 0.368042 | 2.717079 | 2.0148% | 1904 |
| 0.360773 | 2.771824 | 2.1335% | 1903 | 0.353237 | 2.830961 | 1.8151% | 1902 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.346939 | 2.882348 | 1.8943% | 1901 | 0.340489 | 2.936949 | 3.0255% | 1900 |
| 0.330490 | 3.025807 | 0.6278% | 1899 | 0.328428 | 3.044804 | 1.7757% | 1898 |
| 0.322698 | 3.098869 | 1.8078% | 1897 | 0.316968 | 3.154889 | 1.8396% | 1896 |
| 0.311243 | 3.212926 | 1.8755% | 1895 | 0.305513 | 3.273186 | 1.9114% | 1894 |
| 0.299783 | 3.335749 | 1.9486% | 1893 | 0.294053 | 3.400751 | 1.9858% | 1892 |
| 0.288327 | 3.468283 | 2.0276% | 1891 | 0.282597 | 3.538607 | 2.6465% | 1890 |
| 0.275311 | 3.632257 | 1.5328% | 1889 | 0.271155 | 3.687933 | 2.0811% | 1888 |
| 0.265627 | 3.764683 | 2.1599% | 1887 | 0.260011 | 3.845995 | 2.2075% | 1886 |
| 0.254395 | 3.930897 | 2.2592% | 1885 | 0.248775 | 4.019702 | 2.3095% | 1884 |
| 0.243159 | 4.112539 | 2.3641% | 1883 | 0.237543 | 4.209765 | 2.4214% | 1882 |
| 0.231927 | 4.311700 | 2.4815% | 1881 | 0.226311 | 4.418693 | 3.7644% | 1880 |
| 0.218101 | 4.585030 | 0.9432% | 1879 | 0.216063 | 4.628278 | 2.1464% | 1878 |
| 0.211523 | 4.727618 | 2.1913% | 1877 | 0.206987 | 4.831215 | 2.2426% | 1876 |
| 0.202447 | 4.939560 | 2.2941% | 1875 | 0.197907 | 5.052876 | 2.3456% | 1874 |
| 0.193371 | 5.171396 | 2.4043% | 1873 | 0.188831 | 5.295733 | 2.4635% | 1872 |
| 0.184291 | 5.426196 | 2.5258% | 1871 | 0.179751 | 5.563249 | 5.9947% | 1870 |
| 0.169585 | 5.896748 | -1.0968% | 1869 | 0.171466 | 5.832073 | 2.1930% | 1868 |
| 0.167786 | 5.959969 | 2.2394% | 1867 | 0.164111 | 6.093437 | 2.2935% | 1866 |
| 0.160432 | 6.233190 | 2.3445% | 1865 | 0.156756 | 6.379325 | 2.4037% | 1864 |
| 0.153077 | 6.532665 | 2.4599% | 1863 | 0.149402 | 6.693360 | 2.5250% | 1862 |
| 0.145722 | 6.862368 | 2.5872% | 1861 | 0.142047 | 7.039915 | 2.9504% | 1860 |
| 0.137976 | 7.247621 | 2.4012% | 1859 | 0.134741 | 7.421654 | 2.7627% | 1858 |
| 0.131118 | 7.626692 | 2.8412% | 1857 | 0.127496 | 7.843382 | 2.9243% | 1856 |
| 0.123874 | 8.072745 | 3.0161% | 1855 | 0.120247 | 8.316230 | 3.1061% | 1854 |
| 0.116624 | 8.574537 | 3.2056% | 1853 | 0.113002 | 8.849405 | 3.3118% | 1852 |
| 0.109380 | 9.142479 | 3.4252% | 1851 | 0.105757 | 9.455629 | 4.0106% | 1850 |
| 0.101679 | 9.834857 | 2.3254% | 1849 | 0.099368 | 10.063554 | 2.7841% | 1848 |
| 0.096677 | 10.343732 | 2.8590% | 1847 | 0.093990 | 10.639460 | 2.9432% | 1846 |
| 0.091303 | 10.952596 | 3.0324% | 1845 | 0.088615 | 11.284723 | 3.1325% | 1844 |
| 0.085924 | 11.638218 | 3.2284% | 1843 | 0.083237 | 12.013941 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.080549 | 12.414733 | 3.4512% | 1841 | 0.077862 | 12.843190 | 3.8105% | 1840 |
| 0.075004 | 13.332578 | 2.3861% | 1839 | 0.073256 | 13.650700 | 2.5824% | 1838 |
| 0.071412 | 14.003215 | 2.6573% | 1837 | 0.069564 | 14.375326 | 2.7232% | 1836 |
| 0.067720 | 14.766795 | 2.7994% | 1835 | 0.065875 | 15.180183 | 2.8871% | 1834 |
| 0.064027 | 15.618453 | 2.9657% | 1833 | 0.062183 | 16.081647 | 3.0563% | 1832 |
| 0.060339 | 16.573154 | 3.1604% | 1831 | 0.058490 | 17.096936 | 3.4660% | 1830 |
| 0.056531 | 17.689510 | 2.4653% | 1829 | 0.055171 | 18.125609 | 2.6804% | 1828 |
| 0.053730 | 18.611447 | 10.3427% | 1827 | 0.048694 | 20.536365 | -4.2314% | 1826 |
| 0.050846 | 19.667382 | 2.9150% | 1825 | 0.049405 | 20.240693 | 3.0026% | 1824 |
| 0.047965 | 20.848433 | 3.0955% | 1823 | 0.046525 | 21.493798 | 3.1944% | 1822 |
| 0.045085 | 22.180394 | 3.3102% | 1821 | 0.043640 | 22.914607 | 3.2277% | 1820 |
| 0.042276 | 23.654231 | 2.6573% | 1819 | 0.041181 | 24.282790 | 2.6261% | 1818 |
| 0.040128 | 24.920482 | 2.6969% | 1817 | 0.039074 | 25.592570 | 2.7717% | 1816 |
| 0.038020 | 26.301915 | 2.8507% | 1815 | 0.036966 | 27.051702 | 2.9343% | 1814 |
| 0.035912 | 27.845492 | 3.0231% | 1813 | 0.034859 | 28.687276 | 3.1039% | 1812 |
| 0.033809 | 29.577699 | 3.2172% | 1811 | 0.032755 | 30.529260 | 3.0969% | 1810 |
| 0.031772 | 31.474726 | 2.9144% | 1809 | 0.030872 | 32.392019 | 2.8225% | 1808 |
| 0.030024 | 33.306271 | 2.9199% | 1807 | 0.029173 | 34.278790 | 2.9918% | 1806 |
| 0.028325 | 35.304338 | 3.0841% | 1805 | 0.027478 | 36.393142 | 3.1822% | 1804 |
| 0.026630 | 37.551242 | 3.2868% | 1803 | 0.025783 | 38.785471 | 3.3985% | 1802 |
| 0.024935 | 40.103589 | 3.5180% | 1801 | 0.024088 | 41.514452 | 3.3999% | 1800 |
| 0.023296 | 42.925921 | 2.8419% | 1799 | 0.022652 | 44.145820 | 2.7485% | 1798 |
| 0.022046 | 45.359148 | 2.8261% | 1797 | 0.021440 | 46.641057 | 3.7832% | 1796 |
| 0.020659 | 48.405586 | 2.1272% | 1795 | 0.020228 | 49.435269 | 3.0879% | 1794 |
| 0.019623 | 50.961800 | 3.1625% | 1793 | 0.019021 | 52.573473 | 3.2904% | 1792 |
| 0.018415 | 54.303358 | 3.4024% | 1791 | 0.017809 | 56.150957 | 3.2296% | 1790 |
| 0.017252 | 57.964388 | 41.3145% | 1780 | 0.012208 | 81.912057 | 29.4353% | 1770 |
| 0.009432 | 106.023129 | 83.4728% | 1750 | 0.005141 | 194.523645 | 29.2845% | 1740 |
| 0.003976 | 251.488828 | 94.2514% | 1720 | 0.002047 | 488.520556 | | |

85.8111% 1700 0.001102 907.725321 19.2490% 1690 0.000924
1082.453817 88.0250% 1670 0.000491 2035.284030

BASE YEAR: 1979

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 1.353569 | 0.738788 | 8.2857% | 2001 | 1.249998 | 0.800001 | 1.0000% |
| 2000 | 1.237622 | 0.808001 | 1.0000% | 1999 | 1.225368 | 0.816081 | 1.0000% |
| 1998 | 1.213236 | 0.824242 | 1.0000% | 1997 | 1.201224 | 0.832484 | 1.0000% |
| 1996 | 1.189330 | 0.840809 | 1.0000% | 1995 | 1.177555 | 0.849217 | 0.9992% |
| 1994 | 1.165905 | 0.857703 | 1.0008% | 1993 | 1.154352 | 0.866287 | 1.0000% |
| 1992 | 1.142923 | 0.874949 | 0.9295% | 1991 | 1.132398 | 0.883082 | 1.2505% |
| 1990 | 1.118412 | 0.894125 | 0.7224% | 1989 | 1.110390 | 0.900585 | 1.1077% |
| 1988 | 1.098225 | 0.910560 | 0.8834% | 1987 | 1.088609 | 0.918604 | 0.5594% |
| 1986 | 1.082553 | 0.923742 | 1.3056% | 1985 | 1.068601 | 0.935803 | 0.7673% |
| 1984 | 1.060464 | 0.942983 | 0.8149% | 1983 | 1.051892 | 0.950668 | 0.9737% |
| 1982 | 1.041748 | 0.959925 | 0.9508% | 1981 | 1.031936 | 0.969052 | 0.9031% |
| 1980 | 1.022701 | 0.977803 | 2.2701% | 1979 | 1.000000 | 1.000000 | 1.0042% |
| 1978 | 0.990058 | 1.010042 | 0.9896% | 1977 | 0.980356 | 1.020037 | 0.9103% |
| 1976 | 0.971512 | 1.029323 | 0.8394% | 1975 | 0.963425 | 1.037964 | 0.9042% |
| 1974 | 0.954792 | 1.047349 | 1.1568% | 1973 | 0.943873 | 1.059464 | 0.9427% |
| 1972 | 0.935059 | 1.069452 | 0.7426% | 1971 | 0.928166 | 1.077394 | 1.4697% |
| 1970 | 0.914722 | 1.093229 | 0.6968% | 1969 | 0.908392 | 1.100847 | 0.8565% |
| 1968 | 0.900677 | 1.110276 | 1.5090% | 1967 | 0.887288 | 1.127030 | 0.9949% |
| 1966 | 0.878547 | 1.138243 | 1.0575% | 1965 | 0.869354 | 1.150280 | 1.1300% |
| 1964 | 0.859640 | 1.163278 | 1.5537% | 1963 | 0.846488 | 1.181351 | 1.4658% |
| 1962 | 0.834259 | 1.198668 | 1.5364% | 1961 | 0.821636 | 1.217085 | 2.1586% |
| 1960 | 0.804274 | 1.243357 | -1.6655% | 1959 | 0.817896 | 1.222649 | 4.3080% |
| 1958 | 0.784116 | 1.275321 | 2.1130% | 1957 | 0.767891 | 1.302268 | 1.9895% |
| 1956 | 0.752912 | 1.328176 | 2.1231% | 1955 | 0.737259 | 1.356375 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.726725 | 1.376037 | 2.1573% | 1953 | 0.711378 | 1.405722 | 1.2298% | 1952 |
| 0.702737 | 1.423008 | 1.6814% | 1951 | 0.691116 | 1.446935 | 1.6233% | 1950 |
| 0.680077 | 1.470422 | 1.4265% | 1949 | 0.670512 | 1.491398 | 1.7790% | 1948 |
| 0.658791 | 1.517931 | 1.8242% | 1947 | 0.646989 | 1.545620 | -2.6320% | 1946 |
| 0.664479 | 1.504939 | 3.1768% | 1945 | 0.644019 | 1.552748 | 6.4754% | 1944 |
| 0.604853 | 1.653295 | -0.3437% | 1943 | 0.606939 | 1.647613 | 0.6562% | 1942 |
| 0.602982 | 1.658425 | 0.6633% | 1941 | 0.599009 | 1.669425 | -5.6614% | 1940 |
| 0.634956 | 1.574912 | 8.0381% | 1939 | 0.587715 | 1.701505 | 0.8126% | 1938 |
| 0.582977 | 1.715332 | 0.7762% | 1937 | 0.578487 | 1.728647 | 0.6029% | 1936 |
| 0.575020 | 1.739069 | 0.5244% | 1935 | 0.572021 | 1.748189 | -3.0364% | 1934 |
| 0.589933 | 1.695107 | 4.6271% | 1933 | 0.563843 | 1.773542 | 1.3921% | 1932 |
| 0.556102 | 1.798232 | -0.2051% | 1931 | 0.557245 | 1.794544 | 0.8886% | 1930 |
| 0.552337 | 1.810490 | 1.0126% | 1929 | 0.546800 | 1.828823 | 1.1526% | 1928 |
| 0.540569 | 1.849902 | 1.2160% | 1927 | 0.534075 | 1.872396 | 1.4086% | 1926 |
| 0.526657 | 1.898771 | 1.7667% | 1925 | 0.517514 | 1.932316 | 1.4465% | 1924 |
| 0.510135 | 1.960267 | 1.7700% | 1923 | 0.501262 | 1.994963 | 1.6165% | 1922 |
| 0.493288 | 2.027212 | 1.3736% | 1921 | 0.486604 | 2.055059 | 2.3393% | 1920 |
| 0.475481 | 2.103133 | 1.3140% | 1919 | 0.469314 | 2.130768 | 0.7676% | 1918 |
| 0.465739 | 2.147125 | 0.3870% | 1917 | 0.463944 | 2.155434 | 1.3274% | 1916 |
| 0.457866 | 2.184046 | 1.4083% | 1915 | 0.451507 | 2.214804 | 1.4458% | 1914 |
| 0.445072 | 2.246826 | 1.9424% | 1913 | 0.436592 | 2.290468 | 1.9857% | 1912 |
| 0.428092 | 2.335949 | 1.5634% | 1911 | 0.421502 | 2.372469 | 1.8169% | 1910 |
| 0.413980 | 2.415575 | 1.8781% | 1909 | 0.406349 | 2.460941 | 2.0082% | 1908 |
| 0.398349 | 2.510362 | 1.9603% | 1907 | 0.390690 | 2.559572 | 1.8264% | 1906 |
| 0.383683 | 2.606319 | 1.9357% | 1905 | 0.376397 | 2.656769 | 2.0148% | 1904 |
| 0.368963 | 2.710298 | 2.1335% | 1903 | 0.361256 | 2.768123 | 1.8151% | 1902 |
| 0.354815 | 2.818369 | 1.8943% | 1901 | 0.348219 | 2.871758 | 3.0255% | 1900 |
| 0.337993 | 2.958643 | 0.6278% | 1899 | 0.335884 | 2.977219 | 1.7757% | 1898 |
| 0.330024 | 3.030084 | 1.8078% | 1897 | 0.324164 | 3.084861 | 1.8396% | 1896 |
| 0.318308 | 3.141610 | 1.8755% | 1895 | 0.312448 | 3.200532 | 1.9114% | 1894 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.306588 | 3.261706 | 1.9486% | 1893 | 0.300728 | 3.325265 | 1.9858% | 1892 |
| 0.294872 | 3.391298 | 2.0276% | 1891 | 0.289012 | 3.460061 | 2.6465% | 1890 |
| 0.281561 | 3.551632 | 1.5328% | 1889 | 0.277310 | 3.606072 | 2.0811% | 1888 |
| 0.271656 | 3.681119 | 2.1599% | 1887 | 0.265913 | 3.760626 | 2.2075% | 1886 |
| 0.260170 | 3.843643 | 2.2592% | 1885 | 0.254422 | 3.930478 | 2.3095% | 1884 |
| 0.248679 | 4.021254 | 2.3641% | 1883 | 0.242935 | 4.116322 | 2.4214% | 1882 |
| 0.237192 | 4.215994 | 2.4815% | 1881 | 0.231449 | 4.320612 | 3.7644% | 1880 |
| 0.223052 | 4.483257 | 0.9432% | 1879 | 0.220968 | 4.525545 | 2.1464% | 1878 |
| 0.216325 | 4.622680 | 2.1913% | 1877 | 0.211686 | 4.723977 | 2.2426% | 1876 |
| 0.207043 | 4.829917 | 2.2941% | 1875 | 0.202400 | 4.940718 | 2.3456% | 1874 |
| 0.197761 | 5.056608 | 2.4043% | 1873 | 0.193118 | 5.178184 | 2.4635% | 1872 |
| 0.188475 | 5.305751 | 2.5258% | 1871 | 0.183832 | 5.439763 | 5.9947% | 1870 |
| 0.173435 | 5.765859 | -1.0968% | 1869 | 0.175358 | 5.702620 | 2.1930% | 1868 |
| 0.171595 | 5.827676 | 2.2394% | 1867 | 0.167836 | 5.958182 | 2.2935% | 1866 |
| 0.164073 | 6.094833 | 2.3445% | 1865 | 0.160315 | 6.237724 | 2.4037% | 1864 |
| 0.156552 | 6.387660 | 2.4599% | 1863 | 0.152793 | 6.544789 | 2.5250% | 1862 |
| 0.149030 | 6.710046 | 2.5872% | 1861 | 0.145272 | 6.883651 | 2.9504% | 1860 |
| 0.141108 | 7.086747 | 2.4012% | 1859 | 0.137800 | 7.256917 | 2.7627% | 1858 |
| 0.134095 | 7.457404 | 2.8412% | 1857 | 0.130390 | 7.669284 | 2.9243% | 1856 |
| 0.126686 | 7.893556 | 3.0161% | 1855 | 0.122976 | 8.131637 | 3.1061% | 1854 |
| 0.119272 | 8.384210 | 3.2056% | 1853 | 0.115567 | 8.652976 | 3.3118% | 1852 |
| 0.111863 | 8.939545 | 3.4252% | 1851 | 0.108158 | 9.245744 | 4.0106% | 1850 |
| 0.103987 | 9.616555 | 2.3254% | 1849 | 0.101624 | 9.840175 | 2.7841% | 1848 |
| 0.098872 | 10.114134 | 2.8590% | 1847 | 0.096123 | 10.403298 | 2.9432% | 1846 |
| 0.093375 | 10.709484 | 3.0324% | 1845 | 0.090627 | 11.034238 | 3.1325% | 1844 |
| 0.087874 | 11.379887 | 3.2284% | 1843 | 0.085126 | 11.747270 | 3.3361% | 1842 |
| 0.082378 | 12.139166 | 3.4512% | 1841 | 0.079630 | 12.558112 | 3.8105% | 1840 |
| 0.076707 | 13.036637 | 2.3861% | 1839 | 0.074919 | 13.347698 | 2.5824% | 1838 |
| 0.073033 | 13.692388 | 2.6573% | 1837 | 0.071143 | 14.056239 | 2.7232% | 1836 |
| 0.069257 | 14.439020 | 2.7994% | 1835 | 0.067371 | 14.843231 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.065480 | 15.271773 | 2.9657% | 1833 | 0.063594 | 15.724686 | 3.0563% | 1832 |
| 0.061708 | 16.205283 | 3.1604% | 1831 | 0.059818 | 16.717439 | 3.4660% | 1830 |
| 0.057814 | 17.296859 | 2.4653% | 1829 | 0.056423 | 17.723279 | 2.6804% | 1828 |
| 0.054950 | 18.198333 | 10.3427% | 1827 | 0.049799 | 20.080523 | -4.2314% | 1826 |
| 0.052000 | 19.230829 | 2.9150% | 1825 | 0.050527 | 19.791415 | 3.0026% | 1824 |
| 0.049054 | 20.385665 | 3.0955% | 1823 | 0.047581 | 21.016704 | 3.1944% | 1822 |
| 0.046108 | 21.688060 | 3.3102% | 1821 | 0.044631 | 22.405976 | 3.2277% | 1820 |
| 0.043235 | 23.129183 | 2.6573% | 1819 | 0.042116 | 23.743789 | 2.6261% | 1818 |
| 0.041039 | 24.367327 | 2.6969% | 1817 | 0.039961 | 25.024497 | 2.7717% | 1816 |
| 0.038883 | 25.718097 | 2.8507% | 1815 | 0.037805 | 26.451241 | 2.9343% | 1814 |
| 0.036728 | 27.227412 | 3.0231% | 1813 | 0.035650 | 28.050510 | 3.1039% | 1812 |
| 0.034577 | 28.921169 | 3.2172% | 1811 | 0.033499 | 29.851609 | 3.0969% | 1810 |
| 0.032493 | 30.776088 | 2.9144% | 1809 | 0.031573 | 31.673019 | 2.8225% | 1808 |
| 0.030706 | 32.566979 | 2.9199% | 1807 | 0.029835 | 33.517911 | 2.9918% | 1806 |
| 0.028968 | 34.520694 | 3.0841% | 1805 | 0.028101 | 35.585331 | 3.1822% | 1804 |
| 0.027235 | 36.717725 | 3.2868% | 1803 | 0.026368 | 37.924557 | 3.3985% | 1802 |
| 0.025501 | 39.213418 | 3.5180% | 1801 | 0.024635 | 40.592964 | 3.3999% | 1800 |
| 0.023825 | 41.973103 | 2.8419% | 1799 | 0.023166 | 43.165924 | 2.7485% | 1798 |
| 0.022547 | 44.352320 | 2.8261% | 1797 | 0.021927 | 45.605775 | 3.7832% | 1796 |
| 0.021128 | 47.331137 | 2.1272% | 1795 | 0.020688 | 48.337964 | 3.0879% | 1794 |
| 0.020068 | 49.830611 | 3.1625% | 1793 | 0.019453 | 51.406510 | 3.2904% | 1792 |
| 0.018833 | 53.097997 | 3.4024% | 1791 | 0.018213 | 54.904586 | 3.2296% | 1790 |
| 0.017644 | 56.677764 | 41.3145% | 1780 | 0.012485 | 80.093871 | 29.4353% | 1770 |
| 0.009646 | 103.669755 | 83.4728% | 1750 | 0.005257 | 190.205842 | 29.2845% | 1740 |
| 0.004067 | 245.906581 | 94.2514% | 1720 | 0.002093 | 477.676963 | 85.8111% | 1700 |
| 0.001127 | 887.576724 | 19.2490% | 1690 | 0.000945 | 1058.426806 | 88.0250% | 1670 |
| 0.000502 | 1990.107239 | | | | | | |

BASE YEAR: 1978

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.367161 | 0.731443 | 8.2857% | 2001 | 1.262551 | 0.792047 | 1.0000% |
| 2000 | 1.250050 | 0.799968 | 1.0000% | 1999 | 1.237673 | 0.807968 | 1.0000% |
| 1998 | 1.225419 | 0.816047 | 1.0000% | 1997 | 1.213286 | 0.824208 | 1.0000% |
| 1996 | 1.201273 | 0.832450 | 1.0000% | 1995 | 1.189380 | 0.840774 | 0.9992% |
| 1994 | 1.177613 | 0.849176 | 1.0008% | 1993 | 1.165944 | 0.857674 | 1.0000% |
| 1992 | 1.154400 | 0.866251 | 0.9295% | 1991 | 1.143769 | 0.874303 | 1.2505% |
| 1990 | 1.129642 | 0.885236 | 0.7224% | 1989 | 1.121540 | 0.891631 | 1.1077% |
| 1988 | 1.109253 | 0.901508 | 0.8834% | 1987 | 1.099540 | 0.909471 | 0.5594% |
| 1986 | 1.093424 | 0.914558 | 1.3056% | 1985 | 1.079332 | 0.926499 | 0.7673% |
| 1984 | 1.071113 | 0.933608 | 0.8149% | 1983 | 1.062455 | 0.941216 | 0.9737% |
| 1982 | 1.052209 | 0.950381 | 0.9508% | 1981 | 1.042299 | 0.959418 | 0.9031% |
| 1980 | 1.032970 | 0.968082 | 2.2701% | 1979 | 1.010042 | 0.990058 | 1.0042% |
| 1978 | 1.000000 | 1.000000 | 0.9896% | 1977 | 0.990201 | 1.009896 | 0.9103% |
| 1976 | 0.981268 | 1.019090 | 0.8394% | 1975 | 0.973099 | 1.027644 | 0.9042% |
| 1974 | 0.964380 | 1.036936 | 1.1568% | 1973 | 0.953352 | 1.048931 | 0.9427% |
| 1972 | 0.944448 | 1.058819 | 0.7426% | 1971 | 0.937486 | 1.066682 | 1.4697% |
| 1970 | 0.923907 | 1.082360 | 0.6968% | 1969 | 0.917514 | 1.089902 | 0.8565% |
| 1968 | 0.909722 | 1.099237 | 1.5090% | 1967 | 0.896198 | 1.115825 | 0.9949% |
| 1966 | 0.887369 | 1.126927 | 1.0575% | 1965 | 0.878084 | 1.138844 | 1.1300% |
| 1964 | 0.868272 | 1.151713 | 1.5537% | 1963 | 0.854988 | 1.169606 | 1.4658% |
| 1962 | 0.842637 | 1.186751 | 1.5364% | 1961 | 0.829886 | 1.204984 | 2.1586% |
| 1960 | 0.812351 | 1.230996 | -1.6655% | 1959 | 0.826109 | 1.210494 | 4.3080% |
| 1958 | 0.791990 | 1.262642 | 2.1130% | 1957 | 0.775602 | 1.289321 | 1.9895% |
| 1956 | 0.760473 | 1.314972 | 2.1231% | 1955 | 0.744663 | 1.342890 | 1.4496% |
| 1954 | 0.734022 | 1.362356 | 2.1573% | 1953 | 0.718522 | 1.391746 | 1.2298% |
| 1952 | 0.709793 | 1.408861 | 1.6814% | 1951 | 0.698056 | 1.432549 | 1.6233% |
| 1950 | 0.686906 | 1.455803 | 1.4265% | 1949 | 0.677245 | 1.476571 | 1.7790% |
| 1948 | 0.665407 | 1.502840 | 1.8242% | 1947 | 0.653486 | 1.530254 | -2.6320% |
| 1946 | 0.671151 | 1.489977 | 3.1768% | 1945 | 0.650487 | 1.537311 | 6.4754% |
| 1944 | 0.610927 | 1.636858 | -0.3437% | 1943 | 0.613033 | 1.631233 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.609037 | 1.641937 | 0.6633% | 1941 | 0.605024 | 1.652828 | -5.6614% | 1940 |
| 0.641332 | 1.559254 | 8.0381% | 1939 | 0.593617 | 1.684589 | 0.8126% | 1938 |
| 0.588832 | 1.698278 | 0.7762% | 1937 | 0.584296 | 1.711461 | 0.6029% | 1936 |
| 0.580795 | 1.721779 | 0.5244% | 1935 | 0.577765 | 1.730808 | -3.0364% | 1934 |
| 0.595857 | 1.678254 | 4.6271% | 1933 | 0.569505 | 1.755909 | 1.3921% | 1932 |
| 0.561686 | 1.780354 | -0.2051% | 1931 | 0.562840 | 1.776702 | 0.8886% | 1930 |
| 0.557883 | 1.792490 | 1.0126% | 1929 | 0.552291 | 1.810641 | 1.1526% | 1928 |
| 0.545998 | 1.831510 | 1.2160% | 1927 | 0.539438 | 1.853781 | 1.4086% | 1926 |
| 0.531945 | 1.879893 | 1.7667% | 1925 | 0.522710 | 1.913105 | 1.4465% | 1924 |
| 0.515257 | 1.940778 | 1.7700% | 1923 | 0.506296 | 1.975129 | 1.6165% | 1922 |
| 0.498242 | 2.007058 | 1.3736% | 1921 | 0.491490 | 2.034628 | 2.3393% | 1920 |
| 0.480256 | 2.082224 | 1.3140% | 1919 | 0.474027 | 2.109584 | 0.7676% | 1918 |
| 0.470416 | 2.125779 | 0.3870% | 1917 | 0.468602 | 2.134005 | 1.3274% | 1916 |
| 0.462464 | 2.162333 | 1.4083% | 1915 | 0.456041 | 2.192785 | 1.4458% | 1914 |
| 0.449542 | 2.224488 | 1.9424% | 1913 | 0.440976 | 2.267696 | 1.9857% | 1912 |
| 0.432390 | 2.312725 | 1.5634% | 1911 | 0.425734 | 2.348882 | 1.8169% | 1910 |
| 0.418137 | 2.391559 | 1.8781% | 1909 | 0.410429 | 2.436474 | 2.0082% | 1908 |
| 0.402349 | 2.485405 | 1.9603% | 1907 | 0.394614 | 2.534125 | 1.8264% | 1906 |
| 0.387536 | 2.580407 | 1.9357% | 1905 | 0.380177 | 2.630355 | 2.0148% | 1904 |
| 0.372668 | 2.683353 | 2.1335% | 1903 | 0.364883 | 2.740603 | 1.8151% | 1902 |
| 0.358378 | 2.790349 | 1.8943% | 1901 | 0.351715 | 2.843208 | 3.0255% | 1900 |
| 0.341387 | 2.929229 | 0.6278% | 1899 | 0.339257 | 2.947620 | 1.7757% | 1898 |
| 0.333338 | 2.999959 | 1.8078% | 1897 | 0.327419 | 3.054191 | 1.8396% | 1896 |
| 0.321505 | 3.110376 | 1.8755% | 1895 | 0.315586 | 3.168712 | 1.9114% | 1894 |
| 0.309667 | 3.229279 | 1.9486% | 1893 | 0.303748 | 3.292205 | 1.9858% | 1892 |
| 0.297833 | 3.357582 | 2.0276% | 1891 | 0.291914 | 3.425662 | 2.6465% | 1890 |
| 0.284388 | 3.516322 | 1.5328% | 1889 | 0.280095 | 3.570221 | 2.0811% | 1888 |
| 0.274384 | 3.644522 | 2.1599% | 1887 | 0.268583 | 3.723238 | 2.2075% | 1886 |
| 0.262782 | 3.805430 | 2.2592% | 1885 | 0.256977 | 3.891401 | 2.3095% | 1884 |
| 0.251176 | 3.981274 | 2.3641% | 1883 | 0.245375 | 4.075397 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.239574 | 4.174078 | 2.4815% | 1881 | 0.233773 | 4.277657 | 3.7644% | 1880 |
| 0.225292 | 4.438685 | 0.9432% | 1879 | 0.223187 | 4.480552 | 2.1464% | 1878 |
| 0.218497 | 4.576722 | 2.1913% | 1877 | 0.213812 | 4.677012 | 2.2426% | 1876 |
| 0.209122 | 4.781899 | 2.2941% | 1875 | 0.204432 | 4.891598 | 2.3456% | 1874 |
| 0.199747 | 5.006335 | 2.4043% | 1873 | 0.195057 | 5.126703 | 2.4635% | 1872 |
| 0.190367 | 5.253002 | 2.5258% | 1871 | 0.185678 | 5.385681 | 5.9947% | 1870 |
| 0.175176 | 5.708535 | -1.0968% | 1869 | 0.177119 | 5.645925 | 2.1930% | 1868 |
| 0.173318 | 5.769738 | 2.2394% | 1867 | 0.169522 | 5.898946 | 2.2935% | 1866 |
| 0.165721 | 6.034238 | 2.3445% | 1865 | 0.161925 | 6.175709 | 2.4037% | 1864 |
| 0.158124 | 6.324155 | 2.4599% | 1863 | 0.154328 | 6.479721 | 2.5250% | 1862 |
| 0.150527 | 6.643335 | 2.5872% | 1861 | 0.146731 | 6.815214 | 2.9504% | 1860 |
| 0.142525 | 7.016291 | 2.4012% | 1859 | 0.139183 | 7.184769 | 2.7627% | 1858 |
| 0.135441 | 7.383263 | 2.8412% | 1857 | 0.131700 | 7.593036 | 2.9243% | 1856 |
| 0.127958 | 7.815079 | 3.0161% | 1855 | 0.124211 | 8.050792 | 3.1061% | 1854 |
| 0.120470 | 8.300855 | 3.2056% | 1853 | 0.116728 | 8.566949 | 3.3118% | 1852 |
| 0.112986 | 8.850668 | 3.4252% | 1851 | 0.109244 | 9.153824 | 4.0106% | 1850 |
| 0.105032 | 9.520948 | 2.3254% | 1849 | 0.102645 | 9.742345 | 2.7841% | 1848 |
| 0.099864 | 10.013580 | 2.8590% | 1847 | 0.097089 | 10.299869 | 2.9432% | 1846 |
| 0.094313 | 10.603010 | 3.0324% | 1845 | 0.091537 | 10.924537 | 3.1325% | 1844 |
| 0.088757 | 11.266748 | 3.2284% | 1843 | 0.085981 | 11.630480 | 3.3361% | 1842 |
| 0.083205 | 12.018479 | 3.4512% | 1841 | 0.080429 | 12.433260 | 3.8105% | 1840 |
| 0.077477 | 12.907028 | 2.3861% | 1839 | 0.075672 | 13.214996 | 2.5824% | 1838 |
| 0.073767 | 13.556259 | 2.6573% | 1837 | 0.071857 | 13.916493 | 2.7232% | 1836 |
| 0.069952 | 14.295468 | 2.7994% | 1835 | 0.068047 | 14.695661 | 2.8871% | 1834 |
| 0.066138 | 15.119942 | 2.9657% | 1833 | 0.064233 | 15.568352 | 3.0563% | 1832 |
| 0.062328 | 16.044171 | 3.1604% | 1831 | 0.060418 | 16.551235 | 3.4660% | 1830 |
| 0.058395 | 17.124895 | 2.4653% | 1829 | 0.056990 | 17.547075 | 2.6804% | 1828 |
| 0.055502 | 18.017406 | 10.3427% | 1827 | 0.050300 | 19.880884 | -4.2314% | 1826 |
| 0.052522 | 19.039637 | 2.9150% | 1825 | 0.051034 | 19.594650 | 3.0026% | 1824 |
| 0.049547 | 20.182992 | 3.0955% | 1823 | 0.048059 | 20.807758 | 3.1944% | 1822 |

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|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.046571 | 21.472439 | 3.3102% | 1821 | 0.045079 | 22.183218 | 3.2277% | 1820 |
| 0.043670 | 22.899234 | 2.6573% | 1819 | 0.042539 | 23.507730 | 2.6261% | 1818 |
| 0.041451 | 24.125068 | 2.6969% | 1817 | 0.040362 | 24.775705 | 2.7717% | 1816 |
| 0.039274 | 25.462409 | 2.8507% | 1815 | 0.038185 | 26.188265 | 2.9343% | 1814 |
| 0.037097 | 26.956718 | 3.0231% | 1813 | 0.036008 | 27.771634 | 3.1039% | 1812 |
| 0.034924 | 28.633636 | 3.2172% | 1811 | 0.033835 | 29.554826 | 3.0969% | 1810 |
| 0.032819 | 30.470114 | 2.9144% | 1809 | 0.031890 | 31.358128 | 2.8225% | 1808 |
| 0.031014 | 32.243200 | 2.9199% | 1807 | 0.030134 | 33.184678 | 2.9918% | 1806 |
| 0.029259 | 34.177492 | 3.0841% | 1805 | 0.028384 | 35.231544 | 3.1822% | 1804 |
| 0.027508 | 36.352679 | 3.2868% | 1803 | 0.026633 | 37.547514 | 3.3985% | 1802 |
| 0.025758 | 38.823560 | 3.5180% | 1801 | 0.024882 | 40.189391 | 3.3999% | 1800 |
| 0.024064 | 41.555809 | 2.8419% | 1799 | 0.023399 | 42.736771 | 2.7485% | 1798 |
| 0.022773 | 43.911372 | 2.8261% | 1797 | 0.022147 | 45.152365 | 3.7832% | 1796 |
| 0.021340 | 46.860574 | 2.1272% | 1795 | 0.020895 | 47.857391 | 3.0879% | 1794 |
| 0.020270 | 49.335198 | 3.1625% | 1793 | 0.019648 | 50.895429 | 3.2904% | 1792 |
| 0.019022 | 52.570100 | 3.4024% | 1791 | 0.018396 | 54.358728 | 3.2296% | 1790 |
| 0.017821 | 56.114277 | 41.3145% | 1780 | 0.012611 | 79.297583 | 29.4353% | 1770 |
| 0.009743 | 102.639076 | 83.4728% | 1750 | 0.005310 | 188.314827 | 29.2845% | 1740 |
| 0.004107 | 243.461793 | 94.2514% | 1720 | 0.002114 | 472.927928 | 85.8111% | 1700 |
| 0.001138 | 878.752491 | 19.2490% | 1690 | 0.000954 | 1047.903992 | 88.0250% | 1670 |
| 0.000508 | 1970.321716 | | | | | | |

BASE YEAR: 1977

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.380691 | 0.724275 | 8.2857% | 2001 | 1.275045 | 0.784286 | 1.0000% |
| 2000 | 1.262421 | 0.792129 | 1.0000% | 1999 | 1.249921 | 0.800050 | 1.0000% |
| 1998 | 1.237546 | 0.808051 | 1.0000% | 1997 | 1.225293 | 0.816131 | 1.0000% |
| 1996 | 1.213161 | 0.824293 | 1.0000% | 1995 | 1.201150 | 0.832536 | 0.9992% |
| 1994 | 1.189266 | 0.840854 | 1.0008% | 1993 | 1.177482 | 0.849270 | 1.0000% |
| 1992 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.165824 | 0.857762 | 0.9295% | 1991 | 1.155088 | 0.865735 | 1.2505% | 1990 |
| 1.140821 | 0.876561 | 0.7224% | 1989 | 1.132639 | 0.882894 | 1.1077% | 1988 |
| 1.120230 | 0.892674 | 0.8834% | 1987 | 1.110421 | 0.900559 | 0.5594% | 1986 |
| 1.104244 | 0.905597 | 1.3056% | 1985 | 1.090013 | 0.917420 | 0.7673% | 1984 |
| 1.081713 | 0.924459 | 0.8149% | 1983 | 1.072969 | 0.931993 | 0.9737% | 1982 |
| 1.062622 | 0.941069 | 0.9508% | 1981 | 1.052613 | 0.950016 | 0.9031% | 1980 |
| 1.043193 | 0.958596 | 2.2701% | 1979 | 1.020037 | 0.980356 | 1.0042% | 1978 |
| 1.009896 | 0.990201 | 0.9896% | 1977 | 1.000000 | 1.000000 | 0.9103% | 1976 |
| 0.990979 | 1.009103 | 0.8394% | 1975 | 0.982729 | 1.017574 | 0.9042% | 1974 |
| 0.973923 | 1.026775 | 1.1568% | 1973 | 0.962786 | 1.038652 | 0.9427% | 1972 |
| 0.953795 | 1.048444 | 0.7426% | 1971 | 0.946764 | 1.056230 | 1.4697% | 1970 |
| 0.933050 | 1.071754 | 0.6968% | 1969 | 0.926593 | 1.079222 | 0.8565% | 1968 |
| 0.918724 | 1.088466 | 1.5090% | 1967 | 0.905066 | 1.104891 | 0.9949% | 1966 |
| 0.896151 | 1.115884 | 1.0575% | 1965 | 0.886773 | 1.127684 | 1.1300% | 1964 |
| 0.876865 | 1.140427 | 1.5537% | 1963 | 0.863450 | 1.158145 | 1.4658% | 1962 |
| 0.850976 | 1.175122 | 1.5364% | 1961 | 0.838099 | 1.193177 | 2.1586% | 1960 |
| 0.820390 | 1.218933 | -1.6655% | 1959 | 0.834285 | 1.198632 | 4.3080% | 1958 |
| 0.799828 | 1.250269 | 2.1130% | 1957 | 0.783278 | 1.276687 | 1.9895% | 1956 |
| 0.767998 | 1.302086 | 2.1231% | 1955 | 0.752032 | 1.329731 | 1.4496% | 1954 |
| 0.741286 | 1.349007 | 2.1573% | 1953 | 0.725633 | 1.378108 | 1.2298% | 1952 |
| 0.716817 | 1.395055 | 1.6814% | 1951 | 0.704964 | 1.418512 | 1.6233% | 1950 |
| 0.693704 | 1.441538 | 1.4265% | 1949 | 0.683947 | 1.462102 | 1.7790% | 1948 |
| 0.671992 | 1.488113 | 1.8242% | 1947 | 0.659953 | 1.515259 | -2.6320% | 1946 |
| 0.677793 | 1.475377 | 3.1768% | 1945 | 0.656924 | 1.522247 | 6.4754% | 1944 |
| 0.616972 | 1.620818 | -0.3437% | 1943 | 0.619100 | 1.615248 | 0.6562% | 1942 |
| 0.615064 | 1.625848 | 0.6633% | 1941 | 0.611011 | 1.636632 | -5.6614% | 1940 |
| 0.647679 | 1.543975 | 8.0381% | 1939 | 0.599491 | 1.668081 | 0.8126% | 1938 |
| 0.594659 | 1.681637 | 0.7762% | 1937 | 0.590078 | 1.694690 | 0.6029% | 1936 |
| 0.586542 | 1.704907 | 0.5244% | 1935 | 0.583482 | 1.713848 | -3.0364% | 1934 |
| 0.601754 | 1.661809 | 4.6271% | 1933 | 0.575141 | 1.738703 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.567245 | 1.762908 | -0.2051% | 1931 | 0.568410 | 1.759292 | 0.8886% | 1930 |
| 0.563404 | 1.774925 | 1.0126% | 1929 | 0.557756 | 1.792898 | 1.1526% | 1928 |
| 0.551401 | 1.813563 | 1.2160% | 1927 | 0.544776 | 1.835616 | 1.4086% | 1926 |
| 0.537209 | 1.861472 | 1.7667% | 1925 | 0.527883 | 1.894358 | 1.4465% | 1924 |
| 0.520356 | 1.921760 | 1.7700% | 1923 | 0.511306 | 1.955775 | 1.6165% | 1922 |
| 0.503172 | 1.987390 | 1.3736% | 1921 | 0.496354 | 2.014690 | 2.3393% | 1920 |
| 0.485008 | 2.061820 | 1.3140% | 1919 | 0.478718 | 2.088912 | 0.7676% | 1918 |
| 0.475071 | 2.104948 | 0.3870% | 1917 | 0.473240 | 2.113094 | 1.3274% | 1916 |
| 0.467040 | 2.141144 | 1.4083% | 1915 | 0.460554 | 2.171297 | 1.4458% | 1914 |
| 0.453990 | 2.202690 | 1.9424% | 1913 | 0.445340 | 2.245474 | 1.9857% | 1912 |
| 0.436669 | 2.290062 | 1.5634% | 1911 | 0.429948 | 2.325865 | 1.8169% | 1910 |
| 0.422275 | 2.368124 | 1.8781% | 1909 | 0.414491 | 2.412599 | 2.0082% | 1908 |
| 0.406331 | 2.461050 | 1.9603% | 1907 | 0.398519 | 2.509293 | 1.8264% | 1906 |
| 0.391371 | 2.555121 | 1.9357% | 1905 | 0.383939 | 2.604580 | 2.0148% | 1904 |
| 0.376356 | 2.657058 | 2.1335% | 1903 | 0.368494 | 2.713747 | 1.8151% | 1902 |
| 0.361925 | 2.763006 | 1.8943% | 1901 | 0.355196 | 2.815347 | 3.0255% | 1900 |
| 0.344765 | 2.900525 | 0.6278% | 1899 | 0.342614 | 2.918736 | 1.7757% | 1898 |
| 0.336637 | 2.970562 | 1.8078% | 1897 | 0.330659 | 3.024263 | 1.8396% | 1896 |
| 0.324686 | 3.079897 | 1.8755% | 1895 | 0.318709 | 3.137662 | 1.9114% | 1894 |
| 0.312731 | 3.197635 | 1.9486% | 1893 | 0.306754 | 3.259945 | 1.9858% | 1892 |
| 0.300781 | 3.324681 | 2.0276% | 1891 | 0.294803 | 3.392093 | 2.6465% | 1890 |
| 0.287202 | 3.481865 | 1.5328% | 1889 | 0.282867 | 3.535236 | 2.0811% | 1888 |
| 0.277100 | 3.608809 | 2.1599% | 1887 | 0.271241 | 3.686754 | 2.2075% | 1886 |
| 0.265383 | 3.768140 | 2.2592% | 1885 | 0.259520 | 3.853269 | 2.3095% | 1884 |
| 0.253662 | 3.942262 | 2.3641% | 1883 | 0.247803 | 4.035462 | 2.4214% | 1882 |
| 0.241945 | 4.133176 | 2.4815% | 1881 | 0.236086 | 4.235740 | 3.7644% | 1880 |
| 0.227521 | 4.395190 | 0.9432% | 1879 | 0.225395 | 4.436646 | 2.1464% | 1878 |
| 0.220659 | 4.531874 | 2.1913% | 1877 | 0.215928 | 4.631181 | 2.2426% | 1876 |
| 0.211191 | 4.735040 | 2.2941% | 1875 | 0.206455 | 4.843665 | 2.3456% | 1874 |
| 0.201724 | 4.957277 | 2.4043% | 1873 | 0.196987 | 5.076466 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.192251 | 5.201527 | 2.5258% | 1871 | 0.187515 | 5.332906 | 5.9947% | 1870 |
| 0.176910 | 5.652596 | -1.0968% | 1869 | 0.178872 | 5.590599 | 2.1930% | 1868 |
| 0.175033 | 5.713200 | 2.2394% | 1867 | 0.171199 | 5.841141 | 2.2935% | 1866 |
| 0.167361 | 5.975108 | 2.3445% | 1865 | 0.163527 | 6.115193 | 2.4037% | 1864 |
| 0.159689 | 6.262183 | 2.4599% | 1863 | 0.155855 | 6.416226 | 2.5250% | 1862 |
| 0.152016 | 6.578236 | 2.5872% | 1861 | 0.148183 | 6.748431 | 2.9504% | 1860 |
| 0.143936 | 6.947537 | 2.4012% | 1859 | 0.140561 | 7.114364 | 2.7627% | 1858 |
| 0.136782 | 7.310914 | 2.8412% | 1857 | 0.133003 | 7.518631 | 2.9243% | 1856 |
| 0.129224 | 7.738498 | 3.0161% | 1855 | 0.125441 | 7.971902 | 3.1061% | 1854 |
| 0.121662 | 8.219514 | 3.2056% | 1853 | 0.117883 | 8.483000 | 3.3118% | 1852 |
| 0.114104 | 8.763940 | 3.4252% | 1851 | 0.110325 | 9.064124 | 4.0106% | 1850 |
| 0.106071 | 9.427651 | 2.3254% | 1849 | 0.103660 | 9.646878 | 2.7841% | 1848 |
| 0.100853 | 9.915456 | 2.8590% | 1847 | 0.098049 | 10.198940 | 2.9432% | 1846 |
| 0.095246 | 10.499110 | 3.0324% | 1845 | 0.092443 | 10.817486 | 3.1325% | 1844 |
| 0.089635 | 11.156344 | 3.2284% | 1843 | 0.086832 | 11.516511 | 3.3361% | 1842 |
| 0.084029 | 11.900709 | 3.4512% | 1841 | 0.081225 | 12.311425 | 3.8105% | 1840 |
| 0.078244 | 12.780550 | 2.3861% | 1839 | 0.076420 | 13.085501 | 2.5824% | 1838 |
| 0.074497 | 13.423420 | 2.6573% | 1837 | 0.072568 | 13.780124 | 2.7232% | 1836 |
| 0.070644 | 14.155385 | 2.7994% | 1835 | 0.068721 | 14.551656 | 2.8871% | 1834 |
| 0.066792 | 14.971780 | 2.9657% | 1833 | 0.064869 | 15.415796 | 3.0563% | 1832 |
| 0.062945 | 15.886952 | 3.1604% | 1831 | 0.061016 | 16.389047 | 3.4660% | 1830 |
| 0.058972 | 16.957086 | 2.4653% | 1829 | 0.057554 | 17.375129 | 2.6804% | 1828 |
| 0.056051 | 17.840852 | 10.3427% | 1827 | 0.050797 | 19.686069 | -4.2314% | 1826 |
| 0.053042 | 18.853066 | 2.9150% | 1825 | 0.051539 | 19.402640 | 3.0026% | 1824 |
| 0.050037 | 19.985216 | 3.0955% | 1823 | 0.048535 | 20.603860 | 3.1944% | 1822 |
| 0.047032 | 21.262028 | 3.3102% | 1821 | 0.045525 | 21.965842 | 3.2277% | 1820 |
| 0.044102 | 22.674842 | 2.6573% | 1819 | 0.042960 | 23.277375 | 2.6261% | 1818 |
| 0.041861 | 23.888664 | 2.6969% | 1817 | 0.040762 | 24.532925 | 2.7717% | 1816 |
| 0.039662 | 25.212900 | 2.8507% | 1815 | 0.038563 | 25.931643 | 2.9343% | 1814 |
| 0.037464 | 26.692566 | 3.0231% | 1813 | 0.036364 | 27.499496 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.035270 | 28.353052 | 3.2172% | 1811 | 0.034170 | 29.265214 | 3.0969% | 1810 |
| 0.033144 | 30.171533 | 2.9144% | 1809 | 0.032205 | 31.050846 | 2.8225% | 1808 |
| 0.031321 | 31.927245 | 2.9199% | 1807 | 0.030433 | 32.859497 | 2.9918% | 1806 |
| 0.029549 | 33.842583 | 3.0841% | 1805 | 0.028665 | 34.886306 | 3.1822% | 1804 |
| 0.027781 | 35.996455 | 3.2868% | 1803 | 0.026896 | 37.179581 | 3.3985% | 1802 |
| 0.026012 | 38.443124 | 3.5180% | 1801 | 0.025128 | 39.795571 | 3.3999% | 1800 |
| 0.024302 | 41.148599 | 2.8419% | 1799 | 0.023631 | 42.317988 | 2.7485% | 1798 |
| 0.022999 | 43.481079 | 2.8261% | 1797 | 0.022366 | 44.709912 | 3.7832% | 1796 |
| 0.021551 | 46.401382 | 2.1272% | 1795 | 0.021102 | 47.388431 | 3.0879% | 1794 |
| 0.020470 | 48.851757 | 3.1625% | 1793 | 0.019843 | 50.396699 | 3.2904% | 1792 |
| 0.019210 | 52.054959 | 3.4024% | 1791 | 0.018578 | 53.826060 | 3.2296% | 1790 |
| 0.017997 | 55.564407 | 41.3145% | 1780 | 0.012736 | 78.520537 | 29.4353% | 1770 |
| 0.009839 | 101.633304 | 83.4728% | 1750 | 0.005363 | 186.469508 | 29.2845% | 1740 |
| 0.004148 | 241.076082 | 94.2514% | 1720 | 0.002135 | 468.293651 | 85.8111% | 1700 |
| 0.001149 | 870.141491 | 19.2490% | 1690 | 0.000964 | 1037.635456 | 88.0250% | 1670 |
| 0.000513 | 1951.014298 | | | | | | |

BASE YEAR: 1976

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.393260 | 0.717741 | 8.2857% | 2001 | 1.286652 | 0.777211 | 1.0000% |
| 2000 | 1.273913 | 0.784983 | 1.0000% | 1999 | 1.261300 | 0.792833 | 1.0000% |
| 1998 | 1.248812 | 0.800761 | 1.0000% | 1997 | 1.236447 | 0.808769 | 1.0000% |
| 1996 | 1.224205 | 0.816857 | 1.0000% | 1995 | 1.212084 | 0.825025 | 0.9992% |
| 1994 | 1.200093 | 0.833269 | 1.0008% | 1993 | 1.188202 | 0.841608 | 1.0000% |
| 1992 | 1.176437 | 0.850024 | 0.9295% | 1991 | 1.165603 | 0.857925 | 1.2505% |
| 1990 | 1.151207 | 0.868654 | 0.7224% | 1989 | 1.142950 | 0.874929 | 1.1077% |
| 1988 | 1.130428 | 0.884621 | 0.8834% | 1987 | 1.120530 | 0.892435 | 0.5594% |
| 1986 | 1.114297 | 0.897427 | 1.3056% | 1985 | 1.099936 | 0.909144 | 0.7673% |
| 1984 | 1.091560 | 0.916120 | 0.8149% | 1983 | 1.082737 | 0.923586 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.072295 | 0.932579 | 0.9508% | 1981 | 1.062196 | 0.941446 | 0.9031% | 1980 |
| 1.052689 | 0.949948 | 2.2701% | 1979 | 1.029323 | 0.971512 | 1.0042% | 1978 |
| 1.019090 | 0.981268 | 0.9896% | 1977 | 1.009103 | 0.990979 | 0.9103% | 1976 |
| 1.000000 | 1.000000 | 0.8394% | 1975 | 0.991675 | 1.008394 | 0.9042% | 1974 |
| 0.982789 | 1.017512 | 1.1568% | 1973 | 0.971551 | 1.029282 | 0.9427% | 1972 |
| 0.962477 | 1.038986 | 0.7426% | 1971 | 0.955382 | 1.046701 | 1.4697% | 1970 |
| 0.941544 | 1.062085 | 0.6968% | 1969 | 0.935029 | 1.069486 | 0.8565% | 1968 |
| 0.927088 | 1.078647 | 1.5090% | 1967 | 0.913306 | 1.094924 | 0.9949% | 1966 |
| 0.904309 | 1.105817 | 1.0575% | 1965 | 0.894846 | 1.117511 | 1.1300% | 1964 |
| 0.884847 | 1.130139 | 1.5537% | 1963 | 0.871310 | 1.147697 | 1.4658% | 1962 |
| 0.858722 | 1.164521 | 1.5364% | 1961 | 0.845728 | 1.182413 | 2.1586% | 1960 |
| 0.827858 | 1.207937 | -1.6655% | 1959 | 0.841879 | 1.187819 | 4.3080% | 1958 |
| 0.807109 | 1.238990 | 2.1130% | 1957 | 0.790408 | 1.265169 | 1.9895% | 1956 |
| 0.774990 | 1.290340 | 2.1231% | 1955 | 0.758878 | 1.317735 | 1.4496% | 1954 |
| 0.748034 | 1.336837 | 2.1573% | 1953 | 0.732238 | 1.365676 | 1.2298% | 1952 |
| 0.723343 | 1.382470 | 1.6814% | 1951 | 0.711382 | 1.405715 | 1.6233% | 1950 |
| 0.700019 | 1.428533 | 1.4265% | 1949 | 0.690173 | 1.448912 | 1.7790% | 1948 |
| 0.678109 | 1.474689 | 1.8242% | 1947 | 0.665961 | 1.501589 | -2.6320% | 1946 |
| 0.683963 | 1.462067 | 3.1768% | 1945 | 0.662904 | 1.508514 | 6.4754% | 1944 |
| 0.622589 | 1.606197 | -0.3437% | 1943 | 0.624736 | 1.600676 | 0.6562% | 1942 |
| 0.620663 | 1.611180 | 0.6633% | 1941 | 0.616573 | 1.621867 | -5.6614% | 1940 |
| 0.653575 | 1.530047 | 8.0381% | 1939 | 0.604948 | 1.653033 | 0.8126% | 1938 |
| 0.600072 | 1.666466 | 0.7762% | 1937 | 0.595450 | 1.679402 | 0.6029% | 1936 |
| 0.591882 | 1.689527 | 0.5244% | 1935 | 0.588794 | 1.698387 | -3.0364% | 1934 |
| 0.607232 | 1.646817 | 4.6271% | 1933 | 0.580377 | 1.723018 | 1.3921% | 1932 |
| 0.572408 | 1.747004 | -0.2051% | 1931 | 0.573585 | 1.743421 | 0.8886% | 1930 |
| 0.568533 | 1.758913 | 1.0126% | 1929 | 0.562834 | 1.776724 | 1.1526% | 1928 |
| 0.556420 | 1.797202 | 1.2160% | 1927 | 0.549736 | 1.819056 | 1.4086% | 1926 |
| 0.542100 | 1.844679 | 1.7667% | 1925 | 0.532689 | 1.877269 | 1.4465% | 1924 |
| 0.525093 | 1.904424 | 1.7700% | 1923 | 0.515961 | 1.938131 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.507753 | 1.969462 | 1.3736% | 1921 | 0.500873 | 1.996515 | 2.3393% | 1920 |
| 0.489424 | 2.043220 | 1.3140% | 1919 | 0.483076 | 2.070068 | 0.7676% | 1918 |
| 0.479396 | 2.085959 | 0.3870% | 1917 | 0.477548 | 2.094031 | 1.3274% | 1916 |
| 0.471292 | 2.121828 | 1.4083% | 1915 | 0.464747 | 2.151709 | 1.4458% | 1914 |
| 0.458123 | 2.182819 | 1.9424% | 1913 | 0.449394 | 2.225218 | 1.9857% | 1912 |
| 0.440645 | 2.269403 | 1.5634% | 1911 | 0.433861 | 2.304883 | 1.8169% | 1910 |
| 0.426119 | 2.346761 | 1.8781% | 1909 | 0.418264 | 2.390834 | 2.0082% | 1908 |
| 0.410030 | 2.438848 | 1.9603% | 1907 | 0.402147 | 2.486656 | 1.8264% | 1906 |
| 0.394934 | 2.532071 | 1.9357% | 1905 | 0.387434 | 2.581083 | 2.0148% | 1904 |
| 0.379782 | 2.633088 | 2.1335% | 1903 | 0.371849 | 2.689266 | 1.8151% | 1902 |
| 0.365219 | 2.738080 | 1.8943% | 1901 | 0.358430 | 2.789949 | 3.0255% | 1900 |
| 0.347904 | 2.874359 | 0.6278% | 1899 | 0.345733 | 2.892405 | 1.7757% | 1898 |
| 0.339701 | 2.943764 | 1.8078% | 1897 | 0.333669 | 2.996980 | 1.8396% | 1896 |
| 0.327642 | 3.052113 | 1.8755% | 1895 | 0.321610 | 3.109356 | 1.9114% | 1894 |
| 0.315578 | 3.168788 | 1.9486% | 1893 | 0.309546 | 3.230536 | 1.9858% | 1892 |
| 0.303519 | 3.294688 | 2.0276% | 1891 | 0.297487 | 3.361492 | 2.6465% | 1890 |
| 0.289817 | 3.450455 | 1.5328% | 1889 | 0.285442 | 3.503344 | 2.0811% | 1888 |
| 0.279622 | 3.576253 | 2.1599% | 1887 | 0.273711 | 3.653495 | 2.2075% | 1886 |
| 0.267799 | 3.734147 | 2.2592% | 1885 | 0.261882 | 3.818508 | 2.3095% | 1884 |
| 0.255971 | 3.906697 | 2.3641% | 1883 | 0.250059 | 3.999057 | 2.4214% | 1882 |
| 0.244147 | 4.095890 | 2.4815% | 1881 | 0.238235 | 4.197528 | 3.7644% | 1880 |
| 0.229593 | 4.355540 | 0.9432% | 1879 | 0.227447 | 4.396623 | 2.1464% | 1878 |
| 0.222668 | 4.490991 | 2.1913% | 1877 | 0.217893 | 4.589402 | 2.2426% | 1876 |
| 0.213114 | 4.692324 | 2.2941% | 1875 | 0.208335 | 4.799969 | 2.3456% | 1874 |
| 0.203560 | 4.912557 | 2.4043% | 1873 | 0.198781 | 5.030670 | 2.4635% | 1872 |
| 0.194001 | 5.154603 | 2.5258% | 1871 | 0.189222 | 5.284797 | 5.9947% | 1870 |
| 0.178520 | 5.601603 | -1.0968% | 1869 | 0.180500 | 5.540165 | 2.1930% | 1868 |
| 0.176627 | 5.661660 | 2.2394% | 1867 | 0.172758 | 5.788447 | 2.2935% | 1866 |
| 0.168885 | 5.921205 | 2.3445% | 1865 | 0.165016 | 6.060026 | 2.4037% | 1864 |
| 0.161142 | 6.205691 | 2.4599% | 1863 | 0.157274 | 6.358344 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.153400 | 6.518892 | 2.5872% | 1861 | 0.149532 | 6.687552 | 2.9504% | 1860 |
| 0.145246 | 6.884862 | 2.4012% | 1859 | 0.141840 | 7.050184 | 2.7627% | 1858 |
| 0.138027 | 7.244960 | 2.8412% | 1857 | 0.134214 | 7.450804 | 2.9243% | 1856 |
| 0.130400 | 7.668687 | 3.0161% | 1855 | 0.126583 | 7.899985 | 3.1061% | 1854 |
| 0.122769 | 8.145364 | 3.2056% | 1853 | 0.118956 | 8.406473 | 3.3118% | 1852 |
| 0.115143 | 8.684878 | 3.4252% | 1851 | 0.111329 | 8.982355 | 4.0106% | 1850 |
| 0.107037 | 9.342602 | 2.3254% | 1849 | 0.104604 | 9.559852 | 2.7841% | 1848 |
| 0.101771 | 9.826006 | 2.8590% | 1847 | 0.098942 | 10.106933 | 2.9432% | 1846 |
| 0.096113 | 10.404395 | 3.0324% | 1845 | 0.093284 | 10.719899 | 3.1325% | 1844 |
| 0.090451 | 11.055700 | 3.2284% | 1843 | 0.087622 | 11.412618 | 3.3361% | 1842 |
| 0.084794 | 11.793350 | 3.4512% | 1841 | 0.081965 | 12.200361 | 3.8105% | 1840 |
| 0.078956 | 12.665254 | 2.3861% | 1839 | 0.077116 | 12.967454 | 2.5824% | 1838 |
| 0.075175 | 13.302324 | 2.6573% | 1837 | 0.073229 | 13.655810 | 2.7232% | 1836 |
| 0.071288 | 14.027686 | 2.7994% | 1835 | 0.069346 | 14.420383 | 2.8871% | 1834 |
| 0.067400 | 14.836716 | 2.9657% | 1833 | 0.065459 | 15.276726 | 3.0563% | 1832 |
| 0.063518 | 15.743633 | 3.1604% | 1831 | 0.061572 | 16.241198 | 3.4660% | 1830 |
| 0.059509 | 16.804113 | 2.4653% | 1829 | 0.058077 | 17.218384 | 2.6804% | 1828 |
| 0.056561 | 17.679905 | 10.3427% | 1827 | 0.051260 | 19.508476 | -4.2314% | 1826 |
| 0.053525 | 18.682988 | 2.9150% | 1825 | 0.052009 | 19.227604 | 3.0026% | 1824 |
| 0.050492 | 19.804925 | 3.0955% | 1823 | 0.048976 | 20.417988 | 3.1944% | 1822 |
| 0.047460 | 21.070218 | 3.3102% | 1821 | 0.045940 | 21.767683 | 3.2277% | 1820 |
| 0.044503 | 22.470287 | 2.6573% | 1819 | 0.043351 | 23.067385 | 2.6261% | 1818 |
| 0.042242 | 23.673159 | 2.6969% | 1817 | 0.041133 | 24.311608 | 2.7717% | 1816 |
| 0.040023 | 24.985449 | 2.8507% | 1815 | 0.038914 | 25.697708 | 2.9343% | 1814 |
| 0.037805 | 26.451767 | 3.0231% | 1813 | 0.036695 | 27.251417 | 3.1039% | 1812 |
| 0.035591 | 28.097273 | 3.2172% | 1811 | 0.034481 | 29.001206 | 3.0969% | 1810 |
| 0.033446 | 29.899349 | 2.9144% | 1809 | 0.032498 | 30.770730 | 2.8225% | 1808 |
| 0.031606 | 31.639222 | 2.9199% | 1807 | 0.030710 | 32.563064 | 2.9918% | 1806 |
| 0.029818 | 33.537281 | 3.0841% | 1805 | 0.028925 | 34.571588 | 3.1822% | 1804 |
| 0.028033 | 35.671723 | 3.2868% | 1803 | 0.027141 | 36.844176 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|-------------|----------|------|
| 0.026249 | 38.096320 | 3.5180% | 1801 | 0.025357 | 39.436566 | 3.3999% | 1800 |
| 0.024523 | 40.777388 | 2.8419% | 1799 | 0.023846 | 41.936228 | 2.7485% | 1798 |
| 0.023208 | 43.088827 | 2.8261% | 1797 | 0.022570 | 44.306574 | 3.7832% | 1796 |
| 0.021747 | 45.982784 | 2.1272% | 1795 | 0.021294 | 46.960929 | 3.0879% | 1794 |
| 0.020656 | 48.411054 | 3.1625% | 1793 | 0.020023 | 49.942059 | 3.2904% | 1792 |
| 0.019385 | 51.585360 | 3.4024% | 1791 | 0.018747 | 53.340483 | 3.2296% | 1790 |
| 0.018161 | 55.063148 | 41.3145% | 1780 | 0.012851 | 77.812185 | 29.4353% | 1770 |
| 0.009929 | 100.716447 | 83.4728% | 1750 | 0.005412 | 184.787325 | 29.2845% | 1740 |
| 0.004186 | 238.901281 | 94.2514% | 1720 | 0.002155 | 464.069069 | 85.8111% | 1700 |
| 0.001160 | 862.291750 | 19.2490% | 1690 | 0.000973 | 1028.274715 | 88.0250% | 1670 |
| 0.000517 | 1933.413762 | | | | | | |

BASE YEAR: 1975

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.404955 | 0.711766 | 8.2857% | 2001 | 1.297453 | 0.770741 | 1.0000% |
| 2000 | 1.284607 | 0.778448 | 1.0000% | 1999 | 1.271888 | 0.786233 | 1.0000% |
| 1998 | 1.259295 | 0.794095 | 1.0000% | 1997 | 1.246826 | 0.802036 | 1.0000% |
| 1996 | 1.234482 | 0.810057 | 1.0000% | 1995 | 1.222259 | 0.818157 | 0.9992% |
| 1994 | 1.210167 | 0.826332 | 1.0008% | 1993 | 1.198176 | 0.834602 | 1.0000% |
| 1992 | 1.186313 | 0.842948 | 0.9295% | 1991 | 1.175387 | 0.850783 | 1.2505% |
| 1990 | 1.160870 | 0.861423 | 0.7224% | 1989 | 1.152544 | 0.867646 | 1.1077% |
| 1988 | 1.139917 | 0.877257 | 0.8834% | 1987 | 1.129936 | 0.885006 | 0.5594% |
| 1986 | 1.123651 | 0.889956 | 1.3056% | 1985 | 1.109169 | 0.901576 | 0.7673% |
| 1984 | 1.100723 | 0.908493 | 0.8149% | 1983 | 1.091826 | 0.915897 | 0.9737% |
| 1982 | 1.081296 | 0.924816 | 0.9508% | 1981 | 1.071112 | 0.933609 | 0.9031% |
| 1980 | 1.061526 | 0.942040 | 2.2701% | 1979 | 1.037964 | 0.963425 | 1.0042% |
| 1978 | 1.027644 | 0.973099 | 0.9896% | 1977 | 1.017574 | 0.982729 | 0.9103% |
| 1976 | 1.008394 | 0.991675 | 0.8394% | 1975 | 1.000000 | 1.000000 | 0.9042% |
| 1974 | 0.991039 | 1.009042 | 1.1568% | 1973 | 0.979706 | 1.020714 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.970557 | 1.030337 | 0.7426% | 1971 | 0.963402 | 1.037988 | 1.4697% | 1970 |
| 0.949448 | 1.053244 | 0.6968% | 1969 | 0.942878 | 1.060583 | 0.8565% | 1968 |
| 0.934870 | 1.069667 | 1.5090% | 1967 | 0.920972 | 1.085809 | 0.9949% | 1966 |
| 0.911900 | 1.096612 | 1.0575% | 1965 | 0.902358 | 1.108208 | 1.1300% | 1964 |
| 0.892275 | 1.120731 | 1.5537% | 1963 | 0.878624 | 1.138143 | 1.4658% | 1962 |
| 0.865931 | 1.154827 | 1.5364% | 1961 | 0.852828 | 1.172570 | 2.1586% | 1960 |
| 0.834807 | 1.197881 | -1.6655% | 1959 | 0.848946 | 1.177931 | 4.3080% | 1958 |
| 0.813884 | 1.228676 | 2.1130% | 1957 | 0.797043 | 1.254637 | 1.9895% | 1956 |
| 0.781495 | 1.279598 | 2.1231% | 1955 | 0.765248 | 1.306765 | 1.4496% | 1954 |
| 0.754314 | 1.325708 | 2.1573% | 1953 | 0.738385 | 1.354307 | 1.2298% | 1952 |
| 0.729415 | 1.370962 | 1.6814% | 1951 | 0.717353 | 1.394013 | 1.6233% | 1950 |
| 0.705895 | 1.416642 | 1.4265% | 1949 | 0.695967 | 1.436850 | 1.7790% | 1948 |
| 0.683802 | 1.462413 | 1.8242% | 1947 | 0.671551 | 1.489089 | -2.6320% | 1946 |
| 0.689705 | 1.449896 | 3.1768% | 1945 | 0.668469 | 1.495956 | 6.4754% | 1944 |
| 0.627815 | 1.592826 | -0.3437% | 1943 | 0.629980 | 1.587352 | 0.6562% | 1942 |
| 0.625873 | 1.597768 | 0.6633% | 1941 | 0.621749 | 1.608366 | -5.6614% | 1940 |
| 0.659061 | 1.517310 | 8.0381% | 1939 | 0.610027 | 1.639273 | 0.8126% | 1938 |
| 0.605109 | 1.652594 | 0.7762% | 1937 | 0.600448 | 1.665422 | 0.6029% | 1936 |
| 0.596850 | 1.675463 | 0.5244% | 1935 | 0.593737 | 1.684249 | -3.0364% | 1934 |
| 0.612329 | 1.633109 | 4.6271% | 1933 | 0.585249 | 1.708674 | 1.3921% | 1932 |
| 0.577213 | 1.732461 | -0.2051% | 1931 | 0.578400 | 1.728908 | 0.8886% | 1930 |
| 0.573305 | 1.744271 | 1.0126% | 1929 | 0.567558 | 1.761934 | 1.1526% | 1928 |
| 0.561091 | 1.782241 | 1.2160% | 1927 | 0.554350 | 1.803913 | 1.4086% | 1926 |
| 0.546650 | 1.829323 | 1.7667% | 1925 | 0.537160 | 1.861641 | 1.4465% | 1924 |
| 0.529501 | 1.888570 | 1.7700% | 1923 | 0.520292 | 1.921997 | 1.6165% | 1922 |
| 0.512015 | 1.953067 | 1.3736% | 1921 | 0.505077 | 1.979895 | 2.3393% | 1920 |
| 0.493532 | 2.026211 | 1.3140% | 1919 | 0.487131 | 2.052836 | 0.7676% | 1918 |
| 0.483420 | 2.068594 | 0.3870% | 1917 | 0.481557 | 2.076599 | 1.3274% | 1916 |
| 0.475248 | 2.104165 | 1.4083% | 1915 | 0.468648 | 2.133797 | 1.4458% | 1914 |
| 0.461969 | 2.164648 | 1.9424% | 1913 | 0.453167 | 2.206694 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.444343 | 2.250511 | 1.5634% | 1911 | 0.437503 | 2.285696 | 1.8169% | 1910 |
| 0.429696 | 2.327225 | 1.8781% | 1909 | 0.421775 | 2.370932 | 2.0082% | 1908 |
| 0.413472 | 2.418546 | 1.9603% | 1907 | 0.405522 | 2.465956 | 1.8264% | 1906 |
| 0.398249 | 2.510993 | 1.9357% | 1905 | 0.390686 | 2.559597 | 2.0148% | 1904 |
| 0.382970 | 2.611169 | 2.1335% | 1903 | 0.374970 | 2.666879 | 1.8151% | 1902 |
| 0.368285 | 2.715287 | 1.8943% | 1901 | 0.361438 | 2.766724 | 3.0255% | 1900 |
| 0.350824 | 2.850431 | 0.6278% | 1899 | 0.348635 | 2.868327 | 1.7757% | 1898 |
| 0.342553 | 2.919259 | 1.8078% | 1897 | 0.336470 | 2.972032 | 1.8396% | 1896 |
| 0.330392 | 3.026705 | 1.8755% | 1895 | 0.324310 | 3.083472 | 1.9114% | 1894 |
| 0.318227 | 3.142409 | 1.9486% | 1893 | 0.312145 | 3.203643 | 1.9858% | 1892 |
| 0.306067 | 3.267262 | 2.0276% | 1891 | 0.299984 | 3.333509 | 2.6465% | 1890 |
| 0.292250 | 3.421731 | 1.5328% | 1889 | 0.287838 | 3.474180 | 2.0811% | 1888 |
| 0.281970 | 3.546482 | 2.1599% | 1887 | 0.276008 | 3.623081 | 2.2075% | 1886 |
| 0.270047 | 3.703062 | 2.2592% | 1885 | 0.264081 | 3.786720 | 2.3095% | 1884 |
| 0.258119 | 3.874176 | 2.3641% | 1883 | 0.252158 | 3.965767 | 2.4214% | 1882 |
| 0.246197 | 4.061794 | 2.4815% | 1881 | 0.240235 | 4.162586 | 3.7644% | 1880 |
| 0.231520 | 4.319282 | 0.9432% | 1879 | 0.229357 | 4.360023 | 2.1464% | 1878 |
| 0.224537 | 4.453606 | 2.1913% | 1877 | 0.219722 | 4.551197 | 2.2426% | 1876 |
| 0.214903 | 4.653263 | 2.2941% | 1875 | 0.210084 | 4.760012 | 2.3456% | 1874 |
| 0.205269 | 4.871662 | 2.4043% | 1873 | 0.200449 | 4.988792 | 2.4635% | 1872 |
| 0.195630 | 5.111694 | 2.5258% | 1871 | 0.190810 | 5.240803 | 5.9947% | 1870 |
| 0.180019 | 5.554972 | -1.0968% | 1869 | 0.182015 | 5.494046 | 2.1930% | 1868 |
| 0.178109 | 5.614529 | 2.2394% | 1867 | 0.174208 | 5.740261 | 2.2935% | 1866 |
| 0.170302 | 5.871914 | 2.3445% | 1865 | 0.166401 | 6.009580 | 2.4037% | 1864 |
| 0.162495 | 6.154031 | 2.4599% | 1863 | 0.158594 | 6.305414 | 2.5250% | 1862 |
| 0.154688 | 6.464626 | 2.5872% | 1861 | 0.150787 | 6.631882 | 2.9504% | 1860 |
| 0.146465 | 6.827549 | 2.4012% | 1859 | 0.143031 | 6.991495 | 2.7627% | 1858 |
| 0.139186 | 7.184649 | 2.8412% | 1857 | 0.135340 | 7.388780 | 2.9243% | 1856 |
| 0.131495 | 7.604849 | 3.0161% | 1855 | 0.127645 | 7.834222 | 3.1061% | 1854 |
| 0.123800 | 8.077557 | 3.2056% | 1853 | 0.119955 | 8.336494 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.116109 | 8.612581 | 3.4252% | 1851 | 0.112264 | 8.907581 | 4.0106% | 1850 |
| 0.107935 | 9.264829 | 2.3254% | 1849 | 0.105482 | 9.480270 | 2.7841% | 1848 |
| 0.102625 | 9.744209 | 2.8590% | 1847 | 0.099773 | 10.022797 | 2.9432% | 1846 |
| 0.096920 | 10.317784 | 3.0324% | 1845 | 0.094068 | 10.630661 | 3.1325% | 1844 |
| 0.091210 | 10.963667 | 3.2284% | 1843 | 0.088358 | 11.317614 | 3.3361% | 1842 |
| 0.085505 | 11.695176 | 3.4512% | 1841 | 0.082653 | 12.098799 | 3.8105% | 1840 |
| 0.079619 | 12.559822 | 2.3861% | 1839 | 0.077763 | 12.859506 | 2.5824% | 1838 |
| 0.075806 | 13.191589 | 2.6573% | 1837 | 0.073844 | 13.542132 | 2.7232% | 1836 |
| 0.071886 | 13.910912 | 2.7994% | 1835 | 0.069928 | 14.300340 | 2.8871% | 1834 |
| 0.067966 | 14.713208 | 2.9657% | 1833 | 0.066009 | 15.149555 | 3.0563% | 1832 |
| 0.064051 | 15.612575 | 3.1604% | 1831 | 0.062089 | 16.105998 | 3.4660% | 1830 |
| 0.060009 | 16.664226 | 2.4653% | 1829 | 0.058565 | 17.075050 | 2.6804% | 1828 |
| 0.057036 | 17.532729 | 10.3427% | 1827 | 0.051690 | 19.346078 | -4.2314% | 1826 |
| 0.053974 | 18.527461 | 2.9150% | 1825 | 0.052445 | 19.067544 | 3.0026% | 1824 |
| 0.050916 | 19.640059 | 3.0955% | 1823 | 0.049388 | 20.248018 | 3.1944% | 1822 |
| 0.047859 | 20.894819 | 3.3102% | 1821 | 0.046325 | 21.586478 | 3.2277% | 1820 |
| 0.044877 | 22.283233 | 2.6573% | 1819 | 0.043715 | 22.875360 | 2.6261% | 1818 |
| 0.042597 | 23.476091 | 2.6969% | 1817 | 0.041478 | 24.109226 | 2.7717% | 1816 |
| 0.040359 | 24.777457 | 2.8507% | 1815 | 0.039241 | 25.483787 | 2.9343% | 1814 |
| 0.038122 | 26.231569 | 3.0231% | 1813 | 0.037003 | 27.024562 | 3.1039% | 1812 |
| 0.035889 | 27.863377 | 3.2172% | 1811 | 0.034771 | 28.759786 | 3.0969% | 1810 |
| 0.033726 | 29.650452 | 2.9144% | 1809 | 0.032771 | 30.514578 | 2.8225% | 1808 |
| 0.031872 | 31.375841 | 2.9199% | 1807 | 0.030967 | 32.291993 | 2.9918% | 1806 |
| 0.030068 | 33.258100 | 3.0841% | 1805 | 0.029168 | 34.283797 | 3.1822% | 1804 |
| 0.028269 | 35.374773 | 3.2868% | 1803 | 0.027369 | 36.537466 | 3.3985% | 1802 |
| 0.026470 | 37.779186 | 3.5180% | 1801 | 0.025570 | 39.108276 | 3.3999% | 1800 |
| 0.024729 | 40.437936 | 2.8419% | 1799 | 0.024046 | 41.587129 | 2.7485% | 1798 |
| 0.023403 | 42.730133 | 2.8261% | 1797 | 0.022759 | 43.937743 | 3.7832% | 1796 |
| 0.021930 | 45.600000 | 2.1272% | 1795 | 0.021473 | 46.570002 | 3.0879% | 1794 |
| 0.020830 | 48.008055 | 3.1625% | 1793 | 0.020191 | 49.526316 | 3.2904% | 1792 |

0.019548 51.155937 3.4024% 1791 0.018905 52.896450 3.2296% 1790
0.018313 54.604774 41.3145% 1780 0.012959 77.164437 29.4353% 1770
0.010012 99.878032 83.4728% 1750 0.005457 183.249060 29.2845% 1740
0.004221 236.912544 94.2514% 1720 0.002173 460.205920 85.8111%
1700 0.001169 855.113591 19.2490% 1690 0.000981 1019.714829
88.0250% 1670 0.000522 1917.319035

BASE YEAR: 1974

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.417659 | 0.705388 | 8.2857% | 2001 | 1.309184 | 0.763835 | 1.0000% |
| 2000 | 1.296222 | 0.771473 | 1.0000% | 1999 | 1.283388 | 0.779188 | 1.0000% |
| 1998 | 1.270681 | 0.786980 | 1.0000% | 1997 | 1.258100 | 0.794849 | 1.0000% |
| 1996 | 1.245644 | 0.802798 | 1.0000% | 1995 | 1.233310 | 0.810826 | 0.9992% |
| 1994 | 1.221109 | 0.818928 | 1.0008% | 1993 | 1.209009 | 0.827123 | 1.0000% |
| 1992 | 1.197039 | 0.835395 | 0.9295% | 1991 | 1.186015 | 0.843160 | 1.2505% |
| 1990 | 1.171367 | 0.853704 | 0.7224% | 1989 | 1.162965 | 0.859871 | 1.1077% |
| 1988 | 1.150224 | 0.869396 | 0.8834% | 1987 | 1.140153 | 0.877076 | 0.5594% |
| 1986 | 1.133810 | 0.881982 | 1.3056% | 1985 | 1.119198 | 0.893497 | 0.7673% |
| 1984 | 1.110676 | 0.900353 | 0.8149% | 1983 | 1.101698 | 0.907690 | 0.9737% |
| 1982 | 1.091073 | 0.916529 | 0.9508% | 1981 | 1.080797 | 0.925243 | 0.9031% |
| 1980 | 1.071124 | 0.933599 | 2.2701% | 1979 | 1.047349 | 0.954792 | 1.0042% |
| 1978 | 1.036936 | 0.964380 | 0.9896% | 1977 | 1.026775 | 0.973923 | 0.9103% |
| 1976 | 1.017512 | 0.982789 | 0.8394% | 1975 | 1.009042 | 0.991039 | 0.9042% |
| 1974 | 1.000000 | 1.000000 | 1.1568% | 1973 | 0.988564 | 1.011568 | 0.9427% |
| 1972 | 0.979332 | 1.021104 | 0.7426% | 1971 | 0.972113 | 1.028687 | 1.4697% |
| 1970 | 0.958032 | 1.043806 | 0.6968% | 1969 | 0.951403 | 1.051080 | 0.8565% |
| 1968 | 0.943323 | 1.060082 | 1.5090% | 1967 | 0.929299 | 1.076079 | 0.9949% |
| 1966 | 0.920145 | 1.086785 | 1.0575% | 1965 | 0.910516 | 1.098278 | 1.1300% |
| 1964 | 0.900342 | 1.110689 | 1.5537% | 1963 | 0.886568 | 1.127945 | 1.4658% |
| 1962 | 0.873760 | 1.144478 | 1.5364% | 1961 | 0.860539 | 1.162063 | 2.1586% |
| 1960 | 0.842355 | 1.187147 | -1.6655% | 1959 | 0.856622 | 1.167376 | 4.3080% |
| 1958 | 0.821243 | 1.217666 | 2.1130% | 1957 | 0.804250 | 1.243395 | 1.9895% |
| 1956 | 0.788561 | 1.268132 | 2.1231% | 1955 | 0.772167 | 1.295056 | 1.4496% |
| 1954 | 0.761134 | 1.313829 | 2.1573% | 1953 | 0.745061 | 1.342172 | 1.2298% |
| 1952 | 0.736010 | 1.358677 | 1.6814% | 1951 | 0.723840 | 1.381522 | 1.6233% |
| 1950 | 0.712277 | 1.403947 | 1.4265% | 1949 | 0.702259 | 1.423975 | 1.7790% |
| 1948 | 0.689984 | 1.449308 | 1.8242% | 1947 | 0.677623 | 1.475746 | -2.6320% |
| 1946 | 0.695941 | 1.436904 | 3.1768% | 1945 | 0.674513 | 1.482552 | 6.4754% |
| 1944 | 0.633492 | 1.578553 | -0.3437% | 1943 | 0.635676 | 1.573128 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.631532 | 1.583451 | 0.6633% | 1941 | 0.627371 | 1.593954 | -5.6614% | 1940 |
| 0.665020 | 1.503713 | 8.0381% | 1939 | 0.615542 | 1.624584 | 0.8126% | 1938 |
| 0.610581 | 1.637785 | 0.7762% | 1937 | 0.605877 | 1.650499 | 0.6029% | 1936 |
| 0.602247 | 1.660449 | 0.5244% | 1935 | 0.599105 | 1.669156 | -3.0364% | 1934 |
| 0.617866 | 1.618475 | 4.6271% | 1933 | 0.590541 | 1.693364 | 1.3921% | 1932 |
| 0.582432 | 1.716937 | -0.2051% | 1931 | 0.583629 | 1.713416 | 0.8886% | 1930 |
| 0.578489 | 1.728641 | 1.0126% | 1929 | 0.572690 | 1.746145 | 1.1526% | 1928 |
| 0.566164 | 1.766271 | 1.2160% | 1927 | 0.559363 | 1.787749 | 1.4086% | 1926 |
| 0.551593 | 1.812931 | 1.7667% | 1925 | 0.542017 | 1.844960 | 1.4465% | 1924 |
| 0.534289 | 1.871647 | 1.7700% | 1923 | 0.524996 | 1.904775 | 1.6165% | 1922 |
| 0.516645 | 1.935566 | 1.3736% | 1921 | 0.509644 | 1.962154 | 2.3393% | 1920 |
| 0.497994 | 2.008055 | 1.3140% | 1919 | 0.491536 | 2.034441 | 0.7676% | 1918 |
| 0.487791 | 2.050058 | 0.3870% | 1917 | 0.485911 | 2.057991 | 1.3274% | 1916 |
| 0.479545 | 2.085310 | 1.4083% | 1915 | 0.472885 | 2.114677 | 1.4458% | 1914 |
| 0.466146 | 2.145251 | 1.9424% | 1913 | 0.457264 | 2.186920 | 1.9857% | 1912 |
| 0.448361 | 2.230345 | 1.5634% | 1911 | 0.441459 | 2.265215 | 1.8169% | 1910 |
| 0.433581 | 2.306372 | 1.8781% | 1909 | 0.425589 | 2.349687 | 2.0082% | 1908 |
| 0.417210 | 2.396874 | 1.9603% | 1907 | 0.409189 | 2.443859 | 1.8264% | 1906 |
| 0.401850 | 2.488492 | 1.9357% | 1905 | 0.394219 | 2.536661 | 2.0148% | 1904 |
| 0.386433 | 2.587771 | 2.1335% | 1903 | 0.378361 | 2.642982 | 1.8151% | 1902 |
| 0.371615 | 2.690956 | 1.8943% | 1901 | 0.364706 | 2.741932 | 3.0255% | 1900 |
| 0.353996 | 2.824889 | 0.6278% | 1899 | 0.351788 | 2.842625 | 1.7757% | 1898 |
| 0.345650 | 2.893100 | 1.8078% | 1897 | 0.339512 | 2.945400 | 1.8396% | 1896 |
| 0.333380 | 2.999584 | 1.8755% | 1895 | 0.327242 | 3.055842 | 1.9114% | 1894 |
| 0.321104 | 3.114251 | 1.9486% | 1893 | 0.314967 | 3.174937 | 1.9858% | 1892 |
| 0.308834 | 3.237985 | 2.0276% | 1891 | 0.302697 | 3.303639 | 2.6465% | 1890 |
| 0.294892 | 3.391070 | 1.5328% | 1889 | 0.290440 | 3.443049 | 2.0811% | 1888 |
| 0.284519 | 3.514703 | 2.1599% | 1887 | 0.278504 | 3.590616 | 2.2075% | 1886 |
| 0.272488 | 3.669880 | 2.2592% | 1885 | 0.266469 | 3.752789 | 2.3095% | 1884 |
| 0.260453 | 3.839461 | 2.3641% | 1883 | 0.254438 | 3.930231 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.248423 | 4.025397 | 2.4815% | 1881 | 0.242407 | 4.125286 | 3.7644% | 1880 |
| 0.233613 | 4.280578 | 0.9432% | 1879 | 0.231430 | 4.320954 | 2.1464% | 1878 |
| 0.226567 | 4.413698 | 2.1913% | 1877 | 0.221709 | 4.510416 | 2.2426% | 1876 |
| 0.216846 | 4.611567 | 2.2941% | 1875 | 0.211983 | 4.717359 | 2.3456% | 1874 |
| 0.207125 | 4.828009 | 2.4043% | 1873 | 0.202262 | 4.944089 | 2.4635% | 1872 |
| 0.197399 | 5.065889 | 2.5258% | 1871 | 0.192536 | 5.193842 | 5.9947% | 1870 |
| 0.181647 | 5.505196 | -1.0968% | 1869 | 0.183661 | 5.444816 | 2.1930% | 1868 |
| 0.179720 | 5.564219 | 2.2394% | 1867 | 0.175783 | 5.688824 | 2.2935% | 1866 |
| 0.171842 | 5.819298 | 2.3445% | 1865 | 0.167906 | 5.955730 | 2.4037% | 1864 |
| 0.163964 | 6.098887 | 2.4599% | 1863 | 0.160028 | 6.248913 | 2.5250% | 1862 |
| 0.156087 | 6.406698 | 2.5872% | 1861 | 0.152150 | 6.572455 | 2.9504% | 1860 |
| 0.147790 | 6.766369 | 2.4012% | 1859 | 0.144324 | 6.928846 | 2.7627% | 1858 |
| 0.140444 | 7.120270 | 2.8412% | 1857 | 0.136564 | 7.322571 | 2.9243% | 1856 |
| 0.132684 | 7.536704 | 3.0161% | 1855 | 0.128799 | 7.764022 | 3.1061% | 1854 |
| 0.124919 | 8.005177 | 3.2056% | 1853 | 0.121039 | 8.261793 | 3.3118% | 1852 |
| 0.117159 | 8.535406 | 3.4252% | 1851 | 0.113279 | 8.827763 | 4.0106% | 1850 |
| 0.108911 | 9.181810 | 2.3254% | 1849 | 0.106436 | 9.395321 | 2.7841% | 1848 |
| 0.103553 | 9.656894 | 2.8590% | 1847 | 0.100675 | 9.932986 | 2.9432% | 1846 |
| 0.097796 | 10.225329 | 3.0324% | 1845 | 0.094918 | 10.535403 | 3.1325% | 1844 |
| 0.092035 | 10.865425 | 3.2284% | 1843 | 0.089157 | 11.216200 | 3.3361% | 1842 |
| 0.086278 | 11.590379 | 3.4512% | 1841 | 0.083400 | 11.990385 | 3.8105% | 1840 |
| 0.080339 | 12.447277 | 2.3861% | 1839 | 0.078467 | 12.744276 | 2.5824% | 1838 |
| 0.076491 | 13.073383 | 2.6573% | 1837 | 0.074511 | 13.420785 | 2.7232% | 1836 |
| 0.072536 | 13.786261 | 2.7994% | 1835 | 0.070561 | 14.172199 | 2.8871% | 1834 |
| 0.068581 | 14.581367 | 2.9657% | 1833 | 0.066605 | 15.013805 | 3.0563% | 1832 |
| 0.064630 | 15.472675 | 3.1604% | 1831 | 0.062650 | 15.961677 | 3.4660% | 1830 |
| 0.060551 | 16.514903 | 2.4653% | 1829 | 0.059095 | 16.922045 | 2.6804% | 1828 |
| 0.057552 | 17.375623 | 10.3427% | 1827 | 0.052157 | 19.172723 | -4.2314% | 1826 |
| 0.054462 | 18.361442 | 2.9150% | 1825 | 0.052919 | 18.896685 | 3.0026% | 1824 |
| 0.051377 | 19.464070 | 3.0955% | 1823 | 0.049834 | 20.066582 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|-------------|----------|------------|-------------|------|
| 0.048291 | 20.707587 | 3.3102% | 1821 | 0.046744 | 21.393048 | 3.2277% | 1820 |
| 0.045283 | 22.083559 | 2.6573% | 1819 | 0.044110 | 22.670381 | 2.6261% | 1818 |
| 0.042982 | 23.265729 | 2.6969% | 1817 | 0.041853 | 23.893190 | 2.7717% | 1816 |
| 0.040724 | 24.555434 | 2.8507% | 1815 | 0.039595 | 25.255434 | 2.9343% | 1814 |
| 0.038467 | 25.996515 | 3.0231% | 1813 | 0.037338 | 26.782403 | 3.1039% | 1812 |
| 0.036214 | 27.613701 | 3.2172% | 1811 | 0.035085 | 28.502078 | 3.0969% | 1810 |
| 0.034031 | 29.384763 | 2.9144% | 1809 | 0.033068 | 30.241146 | 2.8225% | 1808 |
| 0.032160 | 31.094691 | 2.9199% | 1807 | 0.031247 | 32.002634 | 2.9918% | 1806 |
| 0.030340 | 32.960084 | 3.0841% | 1805 | 0.029432 | 33.976590 | 3.1822% | 1804 |
| 0.028524 | 35.057791 | 3.2868% | 1803 | 0.027617 | 36.210065 | 3.3985% | 1802 |
| 0.026709 | 37.440659 | 3.5180% | 1801 | 0.025801 | 38.757838 | 3.3999% | 1800 |
| 0.024953 | 40.075584 | 2.8419% | 1799 | 0.024263 | 41.214480 | 2.7485% | 1798 |
| 0.023614 | 42.347242 | 2.8261% | 1797 | 0.022965 | 43.544030 | 3.7832% | 1796 |
| 0.022128 | 45.191392 | 2.1272% | 1795 | 0.021667 | 46.152702 | 3.0879% | 1794 |
| 0.021018 | 47.577870 | 3.1625% | 1793 | 0.020374 | 49.082525 | 3.2904% | 1792 |
| 0.019725 | 50.697544 | 3.4024% | 1791 | 0.019076 | 52.422461 | 3.2296% | 1790 |
| 0.018479 | 54.115477 | 41.3145% | 1780 | 0.013077 | 76.472989 | 29.4353% | 1770 |
| 0.010103 | 98.983055 | 83.4728% | 1750 | 0.005506 | 181.607021 | 29.2845% | 1740 |
| 0.004259 | 234.789642 | 94.2514% | 1720 | 0.002193 | 456.082154 | 85.8111% | |
| 1700 | 0.001180 | 847.451176 | 19.2490% | 1690 | 0.000990 | 1010.577471 | |
| 88.0250% | 1670 | 0.000526 | 1900.138517 | | | | |

BASE YEAR: 1973

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.434058 | 0.697322 | 8.2857% | 2001 | 1.324328 | 0.755100 | 1.0000% |
| 2000 | 1.311216 | 0.762651 | 1.0000% | 1999 | 1.298234 | 0.770277 | 1.0000% |
| 1998 | 1.285380 | 0.777980 | 1.0000% | 1997 | 1.272653 | 0.785760 | 1.0000% |
| 1996 | 1.260053 | 0.793617 | 1.0000% | 1995 | 1.247577 | 0.801554 | 0.9992% |
| 1994 | 1.235234 | 0.809563 | 1.0008% | 1993 | 1.222995 | 0.817665 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.210886 | 0.825841 | 0.9295% | 1991 | 1.199735 | 0.833518 | 1.2505% | 1990 |
| 1.184917 | 0.843941 | 0.7224% | 1989 | 1.176418 | 0.850038 | 1.1077% | 1988 |
| 1.163530 | 0.859454 | 0.8834% | 1987 | 1.153342 | 0.867046 | 0.5594% | 1986 |
| 1.146926 | 0.871896 | 1.3056% | 1985 | 1.132145 | 0.883279 | 0.7673% | 1984 |
| 1.123524 | 0.890057 | 0.8149% | 1983 | 1.114442 | 0.897310 | 0.9737% | 1982 |
| 1.103695 | 0.906048 | 0.9508% | 1981 | 1.093300 | 0.914662 | 0.9031% | 1980 |
| 1.083515 | 0.922922 | 2.2701% | 1979 | 1.059464 | 0.943873 | 1.0042% | 1978 |
| 1.048931 | 0.953352 | 0.9896% | 1977 | 1.038652 | 0.962786 | 0.9103% | 1976 |
| 1.029282 | 0.971551 | 0.8394% | 1975 | 1.020714 | 0.979706 | 0.9042% | 1974 |
| 1.011568 | 0.988564 | 1.1568% | 1973 | 1.000000 | 1.000000 | 0.9427% | 1972 |
| 0.990661 | 1.009427 | 0.7426% | 1971 | 0.983358 | 1.016923 | 1.4697% | 1970 |
| 0.969115 | 1.031870 | 0.6968% | 1969 | 0.962409 | 1.039060 | 0.8565% | 1968 |
| 0.954235 | 1.047960 | 1.5090% | 1967 | 0.940049 | 1.063774 | 0.9949% | 1966 |
| 0.930789 | 1.074357 | 1.0575% | 1965 | 0.921049 | 1.085718 | 1.1300% | 1964 |
| 0.910757 | 1.097987 | 1.5537% | 1963 | 0.896824 | 1.115046 | 1.4658% | 1962 |
| 0.883868 | 1.131391 | 1.5364% | 1961 | 0.870493 | 1.148774 | 2.1586% | 1960 |
| 0.852100 | 1.173572 | -1.6655% | 1959 | 0.866532 | 1.154026 | 4.3080% | 1958 |
| 0.830743 | 1.203741 | 2.1130% | 1957 | 0.813553 | 1.229176 | 1.9895% | 1956 |
| 0.797683 | 1.253630 | 2.1231% | 1955 | 0.781100 | 1.280246 | 1.4496% | 1954 |
| 0.769939 | 1.298805 | 2.1573% | 1953 | 0.753680 | 1.326823 | 1.2298% | 1952 |
| 0.744524 | 1.343140 | 1.6814% | 1951 | 0.732213 | 1.365723 | 1.6233% | 1950 |
| 0.720517 | 1.387892 | 1.4265% | 1949 | 0.710383 | 1.407691 | 1.7790% | 1948 |
| 0.697966 | 1.432735 | 1.8242% | 1947 | 0.685462 | 1.458870 | -2.6320% | 1946 |
| 0.703991 | 1.420472 | 3.1768% | 1945 | 0.682316 | 1.465598 | 6.4754% | 1944 |
| 0.640820 | 1.560501 | -0.3437% | 1943 | 0.643030 | 1.555138 | 0.6562% | 1942 |
| 0.638837 | 1.565343 | 0.6633% | 1941 | 0.634628 | 1.575726 | -5.6614% | 1940 |
| 0.672713 | 1.486518 | 8.0381% | 1939 | 0.622663 | 1.606006 | 0.8126% | 1938 |
| 0.617644 | 1.619056 | 0.7762% | 1937 | 0.612886 | 1.631624 | 0.6029% | 1936 |
| 0.609213 | 1.641461 | 0.5244% | 1935 | 0.606035 | 1.650069 | -3.0364% | 1934 |
| 0.625013 | 1.599967 | 4.6271% | 1933 | 0.597372 | 1.673999 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.589170 | 1.697303 | -0.2051% | 1931 | 0.590381 | 1.693822 | 0.8886% | 1930 |
| 0.585181 | 1.708873 | 1.0126% | 1929 | 0.579315 | 1.726177 | 1.1526% | 1928 |
| 0.572714 | 1.746073 | 1.2160% | 1927 | 0.565833 | 1.767305 | 1.4086% | 1926 |
| 0.557974 | 1.792199 | 1.7667% | 1925 | 0.548287 | 1.823862 | 1.4465% | 1924 |
| 0.540469 | 1.850244 | 1.7700% | 1923 | 0.531070 | 1.882993 | 1.6165% | 1922 |
| 0.522621 | 1.913432 | 1.3736% | 1921 | 0.515540 | 1.939715 | 2.3393% | 1920 |
| 0.503755 | 1.985091 | 1.3140% | 1919 | 0.497222 | 2.011176 | 0.7676% | 1918 |
| 0.493434 | 2.026614 | 0.3870% | 1917 | 0.491532 | 2.034457 | 1.3274% | 1916 |
| 0.485092 | 2.061463 | 1.4083% | 1915 | 0.478356 | 2.090495 | 1.4458% | 1914 |
| 0.471538 | 2.120719 | 1.9424% | 1913 | 0.462554 | 2.161911 | 1.9857% | 1912 |
| 0.453548 | 2.204840 | 1.5634% | 1911 | 0.446566 | 2.239311 | 1.8169% | 1910 |
| 0.438597 | 2.279997 | 1.8781% | 1909 | 0.430512 | 2.322817 | 2.0082% | 1908 |
| 0.422036 | 2.369464 | 1.9603% | 1907 | 0.413922 | 2.415912 | 1.8264% | 1906 |
| 0.406498 | 2.460035 | 1.9357% | 1905 | 0.398779 | 2.507653 | 2.0148% | 1904 |
| 0.390903 | 2.558178 | 2.1335% | 1903 | 0.382737 | 2.612758 | 1.8151% | 1902 |
| 0.375914 | 2.660183 | 1.8943% | 1901 | 0.368925 | 2.710576 | 3.0255% | 1900 |
| 0.358091 | 2.792585 | 0.6278% | 1899 | 0.355857 | 2.810118 | 1.7757% | 1898 |
| 0.349648 | 2.860016 | 1.8078% | 1897 | 0.343440 | 2.911718 | 1.8396% | 1896 |
| 0.337236 | 2.965282 | 1.8755% | 1895 | 0.331028 | 3.020897 | 1.9114% | 1894 |
| 0.324819 | 3.078638 | 1.9486% | 1893 | 0.318610 | 3.138629 | 1.9858% | 1892 |
| 0.312407 | 3.200956 | 2.0276% | 1891 | 0.306198 | 3.265860 | 2.6465% | 1890 |
| 0.298303 | 3.352291 | 1.5328% | 1889 | 0.293800 | 3.403676 | 2.0811% | 1888 |
| 0.287810 | 3.474511 | 2.1599% | 1887 | 0.281725 | 3.549555 | 2.2075% | 1886 |
| 0.275641 | 3.627913 | 2.2592% | 1885 | 0.269551 | 3.709873 | 2.3095% | 1884 |
| 0.263466 | 3.795554 | 2.3641% | 1883 | 0.257381 | 3.885287 | 2.4214% | 1882 |
| 0.251296 | 3.979364 | 2.4815% | 1881 | 0.245212 | 4.078111 | 3.7644% | 1880 |
| 0.236316 | 4.231627 | 0.9432% | 1879 | 0.234108 | 4.271541 | 2.1464% | 1878 |
| 0.229188 | 4.363225 | 2.1913% | 1877 | 0.224274 | 4.458836 | 2.2426% | 1876 |
| 0.219355 | 4.558831 | 2.2941% | 1875 | 0.214435 | 4.663413 | 2.3456% | 1874 |
| 0.209521 | 4.772797 | 2.4043% | 1873 | 0.204601 | 4.887551 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.199682 | 5.007958 | 2.5258% | 1871 | 0.194763 | 5.134447 | 5.9947% | 1870 |
| 0.183748 | 5.442241 | -1.0968% | 1869 | 0.185786 | 5.382551 | 2.1930% | 1868 |
| 0.181799 | 5.500589 | 2.2394% | 1867 | 0.177817 | 5.623769 | 2.2935% | 1866 |
| 0.173830 | 5.752751 | 2.3445% | 1865 | 0.169848 | 5.887622 | 2.4037% | 1864 |
| 0.165861 | 6.029143 | 2.4599% | 1863 | 0.161879 | 6.177453 | 2.5250% | 1862 |
| 0.157892 | 6.333434 | 2.5872% | 1861 | 0.153910 | 6.497295 | 2.9504% | 1860 |
| 0.149499 | 6.688992 | 2.4012% | 1859 | 0.145994 | 6.849611 | 2.7627% | 1858 |
| 0.142069 | 7.038845 | 2.8412% | 1857 | 0.138144 | 7.238833 | 2.9243% | 1856 |
| 0.134219 | 7.450518 | 3.0161% | 1855 | 0.130289 | 7.675236 | 3.1061% | 1854 |
| 0.126364 | 7.913633 | 3.2056% | 1853 | 0.122439 | 8.167314 | 3.3118% | 1852 |
| 0.118514 | 8.437799 | 3.4252% | 1851 | 0.114589 | 8.726812 | 4.0106% | 1850 |
| 0.110171 | 9.076810 | 2.3254% | 1849 | 0.107667 | 9.287879 | 2.7841% | 1848 |
| 0.104751 | 9.546462 | 2.8590% | 1847 | 0.101839 | 9.819396 | 2.9432% | 1846 |
| 0.098928 | 10.108397 | 3.0324% | 1845 | 0.096016 | 10.414924 | 3.1325% | 1844 |
| 0.093100 | 10.741172 | 3.2284% | 1843 | 0.090188 | 11.087936 | 3.3361% | 1842 |
| 0.087277 | 11.457836 | 3.4512% | 1841 | 0.084365 | 11.853268 | 3.8105% | 1840 |
| 0.081268 | 12.304935 | 2.3861% | 1839 | 0.079374 | 12.598538 | 2.5824% | 1838 |
| 0.077376 | 12.923881 | 2.6573% | 1837 | 0.075373 | 13.267310 | 2.7232% | 1836 |
| 0.073375 | 13.628607 | 2.7994% | 1835 | 0.071377 | 14.010131 | 2.8871% | 1834 |
| 0.069374 | 14.414621 | 2.9657% | 1833 | 0.067376 | 14.842113 | 3.0563% | 1832 |
| 0.065378 | 15.295736 | 3.1604% | 1831 | 0.063375 | 15.779146 | 3.4660% | 1830 |
| 0.061252 | 16.326046 | 2.4653% | 1829 | 0.059778 | 16.728532 | 2.6804% | 1828 |
| 0.058218 | 17.176922 | 10.3427% | 1827 | 0.052761 | 18.953472 | -4.2314% | 1826 |
| 0.055092 | 18.151468 | 2.9150% | 1825 | 0.053531 | 18.680590 | 3.0026% | 1824 |
| 0.051971 | 19.241487 | 3.0955% | 1823 | 0.050411 | 19.837108 | 3.1944% | 1822 |
| 0.048850 | 20.470783 | 3.3102% | 1821 | 0.047285 | 21.148405 | 3.2277% | 1820 |
| 0.045806 | 21.831021 | 2.6573% | 1819 | 0.044621 | 22.411131 | 2.6261% | 1818 |
| 0.043479 | 22.999672 | 2.6969% | 1817 | 0.042337 | 23.619957 | 2.7717% | 1816 |
| 0.041195 | 24.274628 | 2.8507% | 1815 | 0.040053 | 24.966623 | 2.9343% | 1814 |
| 0.038912 | 25.699230 | 3.0231% | 1813 | 0.037770 | 26.476130 | 3.1039% | 1812 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.036633 | 27.297922 | 3.2172% | 1811 | 0.035491 | 28.176139 | 3.0969% | 1810 |
| 0.034425 | 29.048731 | 2.9144% | 1809 | 0.033450 | 29.895321 | 2.8225% | 1808 |
| 0.032532 | 30.739105 | 2.9199% | 1807 | 0.031609 | 31.636665 | 2.9918% | 1806 |
| 0.030691 | 32.583165 | 3.0841% | 1805 | 0.029772 | 33.588047 | 3.1822% | 1804 |
| 0.028854 | 34.656884 | 3.2868% | 1803 | 0.027936 | 35.795981 | 3.3985% | 1802 |
| 0.027018 | 37.012502 | 3.5180% | 1801 | 0.026100 | 38.314619 | 3.3999% | 1800 |
| 0.025242 | 39.617296 | 2.8419% | 1799 | 0.024544 | 40.743167 | 2.7485% | 1798 |
| 0.023887 | 41.862976 | 2.8261% | 1797 | 0.023231 | 43.046078 | 3.7832% | 1796 |
| 0.022384 | 44.674601 | 2.1272% | 1795 | 0.021918 | 45.624919 | 3.0879% | 1794 |
| 0.021261 | 47.033788 | 3.1625% | 1793 | 0.020610 | 48.521237 | 3.2904% | 1792 |
| 0.019953 | 50.117787 | 3.4024% | 1791 | 0.019296 | 51.822978 | 3.2296% | 1790 |
| 0.018693 | 53.496634 | 41.3145% | 1780 | 0.013228 | 75.598475 | 29.4353% | 1770 |
| 0.010220 | 97.851124 | 83.4728% | 1750 | 0.005570 | 179.530236 | 29.2845% | 1740 |
| 0.004308 | 232.104682 | 94.2514% | 1720 | 0.002218 | 450.866581 | 85.8111% | 1700 |
| 0.001194 | 837.760064 | 19.2490% | 1690 | 0.001001 | 999.020913 | 88.0250% | 1670 |
| 0.000532 | 1878.409294 | | | | | | |

BASE YEAR: 1972

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.447577 | 0.690810 | 8.2857% | 2001 | 1.336813 | 0.748048 | 1.0000% |
| 2000 | 1.323577 | 0.755528 | 1.0000% | 1999 | 1.310472 | 0.763084 | 1.0000% |
| 1998 | 1.297497 | 0.770714 | 1.0000% | 1997 | 1.284651 | 0.778422 | 1.0000% |
| 1996 | 1.271932 | 0.786206 | 1.0000% | 1995 | 1.259338 | 0.794068 | 0.9992% |
| 1994 | 1.246879 | 0.802002 | 1.0008% | 1993 | 1.234524 | 0.810029 | 1.0000% |
| 1992 | 1.222301 | 0.818129 | 0.9295% | 1991 | 1.211044 | 0.825734 | 1.2505% |
| 1990 | 1.196087 | 0.836059 | 0.7224% | 1989 | 1.187508 | 0.842100 | 1.1077% |
| 1988 | 1.174499 | 0.851427 | 0.8834% | 1987 | 1.164214 | 0.858948 | 0.5594% |
| 1986 | 1.157738 | 0.863753 | 1.3056% | 1985 | 1.142817 | 0.875030 | 0.7673% |
| 1984 | 1.134115 | 0.881744 | 0.8149% | 1983 | 1.124948 | 0.888930 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.114099 | 0.897586 | 0.9508% | 1981 | 1.103606 | 0.906120 | 0.9031% | 1980 |
| 1.093729 | 0.914303 | 2.2701% | 1979 | 1.069452 | 0.935059 | 1.0042% | 1978 |
| 1.058819 | 0.944448 | 0.9896% | 1977 | 1.048444 | 0.953795 | 0.9103% | 1976 |
| 1.038986 | 0.962477 | 0.8394% | 1975 | 1.030337 | 0.970557 | 0.9042% | 1974 |
| 1.021104 | 0.979332 | 1.1568% | 1973 | 1.009427 | 0.990661 | 0.9427% | 1972 |
| 1.000000 | 1.000000 | 0.7426% | 1971 | 0.992628 | 1.007426 | 1.4697% | 1970 |
| 0.978251 | 1.022233 | 0.6968% | 1969 | 0.971481 | 1.029356 | 0.8565% | 1968 |
| 0.963231 | 1.038173 | 1.5090% | 1967 | 0.948911 | 1.053839 | 0.9949% | 1966 |
| 0.939564 | 1.064324 | 1.0575% | 1965 | 0.929732 | 1.075579 | 1.1300% | 1964 |
| 0.919343 | 1.087733 | 1.5537% | 1963 | 0.905278 | 1.104633 | 1.4658% | 1962 |
| 0.892200 | 1.120825 | 1.5364% | 1961 | 0.878700 | 1.138045 | 2.1586% | 1960 |
| 0.860132 | 1.162612 | -1.6655% | 1959 | 0.874700 | 1.143249 | 4.3080% | 1958 |
| 0.838575 | 1.192500 | 2.1130% | 1957 | 0.821223 | 1.217697 | 1.9895% | 1956 |
| 0.805203 | 1.241923 | 2.1231% | 1955 | 0.788463 | 1.268290 | 1.4496% | 1954 |
| 0.777197 | 1.286675 | 2.1573% | 1953 | 0.760785 | 1.314432 | 1.2298% | 1952 |
| 0.751543 | 1.330596 | 1.6814% | 1951 | 0.739115 | 1.352969 | 1.6233% | 1950 |
| 0.727309 | 1.374931 | 1.4265% | 1949 | 0.717080 | 1.394545 | 1.7790% | 1948 |
| 0.704546 | 1.419354 | 1.8242% | 1947 | 0.691924 | 1.445246 | -2.6320% | 1946 |
| 0.710628 | 1.407206 | 3.1768% | 1945 | 0.688748 | 1.451910 | 6.4754% | 1944 |
| 0.646861 | 1.545928 | -0.3437% | 1943 | 0.649092 | 1.540615 | 0.6562% | 1942 |
| 0.644860 | 1.550725 | 0.6633% | 1941 | 0.640611 | 1.561011 | -5.6614% | 1940 |
| 0.679055 | 1.472635 | 8.0381% | 1939 | 0.628533 | 1.591007 | 0.8126% | 1938 |
| 0.623466 | 1.603936 | 0.7762% | 1937 | 0.618664 | 1.616387 | 0.6029% | 1936 |
| 0.614956 | 1.626131 | 0.5244% | 1935 | 0.611748 | 1.634659 | -3.0364% | 1934 |
| 0.630905 | 1.585024 | 4.6271% | 1933 | 0.603003 | 1.658365 | 1.3921% | 1932 |
| 0.594724 | 1.681452 | -0.2051% | 1931 | 0.595946 | 1.678003 | 0.8886% | 1930 |
| 0.590697 | 1.692914 | 1.0126% | 1929 | 0.584776 | 1.710056 | 1.1526% | 1928 |
| 0.578113 | 1.729766 | 1.2160% | 1927 | 0.571167 | 1.750800 | 1.4086% | 1926 |
| 0.563234 | 1.775462 | 1.7667% | 1925 | 0.553456 | 1.806829 | 1.4465% | 1924 |
| 0.545564 | 1.832964 | 1.7700% | 1923 | 0.536076 | 1.865407 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.527548 | 1.895562 | 1.3736% | 1921 | 0.520400 | 1.921600 | 2.3393% | 1920 |
| 0.508504 | 1.966553 | 1.3140% | 1919 | 0.501909 | 1.992393 | 0.7676% | 1918 |
| 0.498085 | 2.007688 | 0.3870% | 1917 | 0.496165 | 2.015457 | 1.3274% | 1916 |
| 0.489665 | 2.042211 | 1.4083% | 1915 | 0.482865 | 2.070971 | 1.4458% | 1914 |
| 0.475983 | 2.100914 | 1.9424% | 1913 | 0.466914 | 2.141721 | 1.9857% | 1912 |
| 0.457823 | 2.184249 | 1.5634% | 1911 | 0.450776 | 2.218398 | 1.8169% | 1910 |
| 0.442732 | 2.258704 | 1.8781% | 1909 | 0.434570 | 2.301124 | 2.0082% | 1908 |
| 0.426015 | 2.347336 | 1.9603% | 1907 | 0.417824 | 2.393350 | 1.8264% | 1906 |
| 0.410330 | 2.437061 | 1.9357% | 1905 | 0.402539 | 2.484234 | 2.0148% | 1904 |
| 0.394588 | 2.534288 | 2.1335% | 1903 | 0.386345 | 2.588357 | 1.8151% | 1902 |
| 0.379458 | 2.635340 | 1.8943% | 1901 | 0.372403 | 2.685262 | 3.0255% | 1900 |
| 0.361467 | 2.766505 | 0.6278% | 1899 | 0.359212 | 2.783874 | 1.7757% | 1898 |
| 0.352945 | 2.833306 | 1.8078% | 1897 | 0.346677 | 2.884525 | 1.8396% | 1896 |
| 0.340415 | 2.937589 | 1.8755% | 1895 | 0.334148 | 2.992685 | 1.9114% | 1894 |
| 0.327881 | 3.049886 | 1.9486% | 1893 | 0.321614 | 3.109318 | 1.9858% | 1892 |
| 0.315352 | 3.171063 | 2.0276% | 1891 | 0.309085 | 3.235360 | 2.6465% | 1890 |
| 0.301116 | 3.320984 | 1.5328% | 1889 | 0.296570 | 3.371889 | 2.0811% | 1888 |
| 0.290524 | 3.442062 | 2.1599% | 1887 | 0.284381 | 3.516406 | 2.2075% | 1886 |
| 0.278239 | 3.594032 | 2.2592% | 1885 | 0.272092 | 3.675227 | 2.3095% | 1884 |
| 0.265950 | 3.760108 | 2.3641% | 1883 | 0.259808 | 3.849002 | 2.4214% | 1882 |
| 0.253665 | 3.942201 | 2.4815% | 1881 | 0.247523 | 4.040026 | 3.7644% | 1880 |
| 0.238543 | 4.192108 | 0.9432% | 1879 | 0.236314 | 4.231649 | 2.1464% | 1878 |
| 0.231349 | 4.322477 | 2.1913% | 1877 | 0.226388 | 4.417195 | 2.2426% | 1876 |
| 0.221422 | 4.516256 | 2.2941% | 1875 | 0.216457 | 4.619861 | 2.3456% | 1874 |
| 0.211496 | 4.728224 | 2.4043% | 1873 | 0.206530 | 4.841906 | 2.4635% | 1872 |
| 0.201565 | 4.961188 | 2.5258% | 1871 | 0.196599 | 5.086497 | 5.9947% | 1870 |
| 0.185480 | 5.391416 | -1.0968% | 1869 | 0.187537 | 5.332283 | 2.1930% | 1868 |
| 0.183513 | 5.449219 | 2.2394% | 1867 | 0.179493 | 5.571249 | 2.2935% | 1866 |
| 0.175469 | 5.699026 | 2.3445% | 1865 | 0.171449 | 5.832638 | 2.4037% | 1864 |
| 0.167425 | 5.972837 | 2.4599% | 1863 | 0.163405 | 6.119761 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.159381 | 6.274286 | 2.5872% | 1861 | 0.155361 | 6.436617 | 2.9504% | 1860 |
| 0.150909 | 6.626524 | 2.4012% | 1859 | 0.147370 | 6.785642 | 2.7627% | 1858 |
| 0.143408 | 6.973110 | 2.8412% | 1857 | 0.139446 | 7.171230 | 2.9243% | 1856 |
| 0.135484 | 7.380937 | 3.0161% | 1855 | 0.131517 | 7.603557 | 3.1061% | 1854 |
| 0.127555 | 7.839727 | 3.2056% | 1853 | 0.123594 | 8.091040 | 3.3118% | 1852 |
| 0.119632 | 8.358998 | 3.4252% | 1851 | 0.115670 | 8.645313 | 4.0106% | 1850 |
| 0.111209 | 8.992042 | 2.3254% | 1849 | 0.108682 | 9.201140 | 2.7841% | 1848 |
| 0.105738 | 9.457308 | 2.8590% | 1847 | 0.102799 | 9.727693 | 2.9432% | 1846 |
| 0.099860 | 10.013994 | 3.0324% | 1845 | 0.096921 | 10.317659 | 3.1325% | 1844 |
| 0.093977 | 10.640861 | 3.2284% | 1843 | 0.091038 | 10.984386 | 3.3361% | 1842 |
| 0.088099 | 11.350831 | 3.4512% | 1841 | 0.085160 | 11.742570 | 3.8105% | 1840 |
| 0.082034 | 12.190020 | 2.3861% | 1839 | 0.080123 | 12.480880 | 2.5824% | 1838 |
| 0.078106 | 12.803185 | 2.6573% | 1837 | 0.076084 | 13.143407 | 2.7232% | 1836 |
| 0.074067 | 13.501329 | 2.7994% | 1835 | 0.072050 | 13.879291 | 2.8871% | 1834 |
| 0.070028 | 14.280003 | 2.9657% | 1833 | 0.068011 | 14.703502 | 3.0563% | 1832 |
| 0.065994 | 15.152889 | 3.1604% | 1831 | 0.063972 | 15.631784 | 3.4660% | 1830 |
| 0.061829 | 16.173577 | 2.4653% | 1829 | 0.060342 | 16.572304 | 2.6804% | 1828 |
| 0.058766 | 17.016507 | 10.3427% | 1827 | 0.053258 | 18.776465 | -4.2314% | 1826 |
| 0.055611 | 17.981952 | 2.9150% | 1825 | 0.054036 | 18.506132 | 3.0026% | 1824 |
| 0.052461 | 19.061791 | 3.0955% | 1823 | 0.050886 | 19.651850 | 3.1944% | 1822 |
| 0.049311 | 20.279607 | 3.3102% | 1821 | 0.047731 | 20.950900 | 3.2277% | 1820 |
| 0.046238 | 21.627141 | 2.6573% | 1819 | 0.045041 | 22.201834 | 2.6261% | 1818 |
| 0.043889 | 22.784878 | 2.6969% | 1817 | 0.042736 | 23.399371 | 2.7717% | 1816 |
| 0.041584 | 24.047927 | 2.8507% | 1815 | 0.040431 | 24.733460 | 2.9343% | 1814 |
| 0.039278 | 25.459225 | 3.0231% | 1813 | 0.038126 | 26.228870 | 3.1039% | 1812 |
| 0.036978 | 27.042987 | 3.2172% | 1811 | 0.035826 | 27.913003 | 3.0969% | 1810 |
| 0.034749 | 28.777445 | 2.9144% | 1809 | 0.033765 | 29.616129 | 2.8225% | 1808 |
| 0.032839 | 30.452033 | 2.9199% | 1807 | 0.031907 | 31.341210 | 2.9918% | 1806 |
| 0.030980 | 32.278871 | 3.0841% | 1805 | 0.030053 | 33.274369 | 3.1822% | 1804 |
| 0.029126 | 34.333223 | 3.2868% | 1803 | 0.028199 | 35.461683 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.027273 | 36.666843 | 3.5180% | 1801 | 0.026346 | 37.956799 | 3.3999% | 1800 |
| 0.025479 | 39.247310 | 2.8419% | 1799 | 0.024775 | 40.362667 | 2.7485% | 1798 |
| 0.024113 | 41.472018 | 2.8261% | 1797 | 0.023450 | 42.644071 | 3.7832% | 1796 |
| 0.022595 | 44.257386 | 2.1272% | 1795 | 0.022124 | 45.198828 | 3.0879% | 1794 |
| 0.021462 | 46.594540 | 3.1625% | 1793 | 0.020804 | 48.068098 | 3.2904% | 1792 |
| 0.020141 | 49.649738 | 3.4024% | 1791 | 0.019478 | 51.339004 | 3.2296% | 1790 |
| 0.018869 | 52.997030 | 41.3145% | 1780 | 0.013352 | 74.892462 | 29.4353% | 1770 |
| 0.010316 | 96.937293 | 83.4728% | 1750 | 0.005623 | 177.853604 | 29.2845% | 1740 |
| 0.004349 | 229.937058 | 94.2514% | 1720 | 0.002239 | 446.655942 | 85.8111% | 1700 |
| 0.001205 | 829.936230 | 19.2490% | 1690 | 0.001010 | 989.691065 | 88.0250% | 1670 |
| 0.000537 | 1860.866845 | | | | | | |

BASE YEAR: 1971

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.458327 | 0.685717 | 8.2857% | 2001 | 1.346741 | 0.742533 | 1.0000% |
| 2000 | 1.333406 | 0.749959 | 1.0000% | 1999 | 1.320204 | 0.757458 | 1.0000% |
| 1998 | 1.307133 | 0.765033 | 1.0000% | 1997 | 1.294191 | 0.772683 | 1.0000% |
| 1996 | 1.281377 | 0.780410 | 1.0000% | 1995 | 1.268690 | 0.788214 | 0.9992% |
| 1994 | 1.256139 | 0.796090 | 1.0008% | 1993 | 1.243692 | 0.804057 | 1.0000% |
| 1992 | 1.231378 | 0.812098 | 0.9295% | 1991 | 1.220038 | 0.819647 | 1.2505% |
| 1990 | 1.204970 | 0.829896 | 0.7224% | 1989 | 1.196327 | 0.835892 | 1.1077% |
| 1988 | 1.183221 | 0.845151 | 0.8834% | 1987 | 1.172860 | 0.852617 | 0.5594% |
| 1986 | 1.166336 | 0.857386 | 1.3056% | 1985 | 1.151304 | 0.868580 | 0.7673% |
| 1984 | 1.142538 | 0.875245 | 0.8149% | 1983 | 1.133302 | 0.882377 | 0.9737% |
| 1982 | 1.122373 | 0.890969 | 0.9508% | 1981 | 1.111802 | 0.899441 | 0.9031% |
| 1980 | 1.101851 | 0.907563 | 2.2701% | 1979 | 1.077394 | 0.928166 | 1.0042% |
| 1978 | 1.066682 | 0.937486 | 0.9896% | 1977 | 1.056230 | 0.946764 | 0.9103% |
| 1976 | 1.046701 | 0.955382 | 0.8394% | 1975 | 1.037988 | 0.963402 | 0.9042% |
| 1974 | 1.028687 | 0.972113 | 1.1568% | 1973 | 1.016923 | 0.983358 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.007426 | 0.992628 | 0.7426% | 1971 | 1.000000 | 1.000000 | 1.4697% | 1970 |
| 0.985516 | 1.014697 | 0.6968% | 1969 | 0.978696 | 1.021768 | 0.8565% | 1968 |
| 0.970384 | 1.030520 | 1.5090% | 1967 | 0.955958 | 1.046071 | 0.9949% | 1966 |
| 0.946541 | 1.056478 | 1.0575% | 1965 | 0.936636 | 1.067650 | 1.1300% | 1964 |
| 0.926171 | 1.079715 | 1.5537% | 1963 | 0.912001 | 1.096490 | 1.4658% | 1962 |
| 0.898826 | 1.112562 | 1.5364% | 1961 | 0.885225 | 1.129656 | 2.1586% | 1960 |
| 0.866520 | 1.154041 | -1.6655% | 1959 | 0.881196 | 1.134821 | 4.3080% | 1958 |
| 0.844802 | 1.183709 | 2.1130% | 1957 | 0.827321 | 1.208720 | 1.9895% | 1956 |
| 0.811183 | 1.232768 | 2.1231% | 1955 | 0.794319 | 1.258941 | 1.4496% | 1954 |
| 0.782969 | 1.277190 | 2.1573% | 1953 | 0.766435 | 1.304742 | 1.2298% | 1952 |
| 0.757124 | 1.320788 | 1.6814% | 1951 | 0.744604 | 1.342995 | 1.6233% | 1950 |
| 0.732711 | 1.364796 | 1.4265% | 1949 | 0.722405 | 1.384265 | 1.7790% | 1948 |
| 0.709778 | 1.408891 | 1.8242% | 1947 | 0.697062 | 1.434592 | -2.6320% | 1946 |
| 0.715905 | 1.396833 | 3.1768% | 1945 | 0.693863 | 1.441208 | 6.4754% | 1944 |
| 0.651665 | 1.534532 | -0.3437% | 1943 | 0.653912 | 1.529258 | 0.6562% | 1942 |
| 0.649649 | 1.539293 | 0.6633% | 1941 | 0.645368 | 1.549503 | -5.6614% | 1940 |
| 0.684098 | 1.461779 | 8.0381% | 1939 | 0.633200 | 1.579279 | 0.8126% | 1938 |
| 0.628096 | 1.592112 | 0.7762% | 1937 | 0.623258 | 1.604471 | 0.6029% | 1936 |
| 0.619523 | 1.614144 | 0.5244% | 1935 | 0.616292 | 1.622609 | -3.0364% | 1934 |
| 0.635590 | 1.573340 | 4.6271% | 1933 | 0.607482 | 1.646141 | 1.3921% | 1932 |
| 0.599141 | 1.669057 | -0.2051% | 1931 | 0.600372 | 1.665634 | 0.8886% | 1930 |
| 0.595084 | 1.680435 | 1.0126% | 1929 | 0.589119 | 1.697450 | 1.1526% | 1928 |
| 0.582406 | 1.717015 | 1.2160% | 1927 | 0.575409 | 1.737894 | 1.4086% | 1926 |
| 0.567417 | 1.762374 | 1.7667% | 1925 | 0.557566 | 1.793509 | 1.4465% | 1924 |
| 0.549616 | 1.819453 | 1.7700% | 1923 | 0.540057 | 1.851656 | 1.6165% | 1922 |
| 0.531466 | 1.881589 | 1.3736% | 1921 | 0.524264 | 1.907435 | 2.3393% | 1920 |
| 0.512280 | 1.952056 | 1.3140% | 1919 | 0.505636 | 1.977706 | 0.7676% | 1918 |
| 0.501784 | 1.992888 | 0.3870% | 1917 | 0.499850 | 2.000600 | 1.3274% | 1916 |
| 0.493302 | 2.027157 | 1.4083% | 1915 | 0.486451 | 2.055705 | 1.4458% | 1914 |
| 0.479518 | 2.085426 | 1.9424% | 1913 | 0.470382 | 2.125933 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.461223 | 2.168147 | 1.5634% | 1911 | 0.454123 | 2.202044 | 1.8169% | 1910 |
| 0.446020 | 2.242054 | 1.8781% | 1909 | 0.437798 | 2.284161 | 2.0082% | 1908 |
| 0.429179 | 2.330032 | 1.9603% | 1907 | 0.420927 | 2.375707 | 1.8264% | 1906 |
| 0.413378 | 2.419096 | 1.9357% | 1905 | 0.405528 | 2.465921 | 2.0148% | 1904 |
| 0.397519 | 2.515606 | 2.1335% | 1903 | 0.389215 | 2.569277 | 1.8151% | 1902 |
| 0.382276 | 2.615913 | 1.8943% | 1901 | 0.375169 | 2.665468 | 3.0255% | 1900 |
| 0.364151 | 2.746111 | 0.6278% | 1899 | 0.361879 | 2.763352 | 1.7757% | 1898 |
| 0.355566 | 2.812420 | 1.8078% | 1897 | 0.349252 | 2.863262 | 1.8396% | 1896 |
| 0.342943 | 2.915934 | 1.8755% | 1895 | 0.336630 | 2.970624 | 1.9114% | 1894 |
| 0.330316 | 3.027404 | 1.9486% | 1893 | 0.324002 | 3.086397 | 1.9858% | 1892 |
| 0.317694 | 3.147687 | 2.0276% | 1891 | 0.311380 | 3.211510 | 2.6465% | 1890 |
| 0.303352 | 3.296503 | 1.5328% | 1889 | 0.298772 | 3.347033 | 2.0811% | 1888 |
| 0.292681 | 3.416689 | 2.1599% | 1887 | 0.286493 | 3.490484 | 2.2075% | 1886 |
| 0.280305 | 3.567538 | 2.2592% | 1885 | 0.274113 | 3.648134 | 2.3095% | 1884 |
| 0.267925 | 3.732390 | 2.3641% | 1883 | 0.261737 | 3.820628 | 2.4214% | 1882 |
| 0.255549 | 3.913141 | 2.4815% | 1881 | 0.249361 | 4.010244 | 3.7644% | 1880 |
| 0.240315 | 4.161206 | 0.9432% | 1879 | 0.238069 | 4.200455 | 2.1464% | 1878 |
| 0.233067 | 4.290613 | 2.1913% | 1877 | 0.228069 | 4.384633 | 2.2426% | 1876 |
| 0.223067 | 4.482964 | 2.2941% | 1875 | 0.218064 | 4.585805 | 2.3456% | 1874 |
| 0.213067 | 4.693370 | 2.4043% | 1873 | 0.208064 | 4.806213 | 2.4635% | 1872 |
| 0.203062 | 4.924616 | 2.5258% | 1871 | 0.198059 | 5.049001 | 5.9947% | 1870 |
| 0.186857 | 5.351672 | -1.0968% | 1869 | 0.188930 | 5.292976 | 2.1930% | 1868 |
| 0.184875 | 5.409049 | 2.2394% | 1867 | 0.180826 | 5.530180 | 2.2935% | 1866 |
| 0.176772 | 5.657015 | 2.3445% | 1865 | 0.172722 | 5.789642 | 2.4037% | 1864 |
| 0.168668 | 5.928807 | 2.4599% | 1863 | 0.164619 | 6.074649 | 2.5250% | 1862 |
| 0.160564 | 6.228034 | 2.5872% | 1861 | 0.156515 | 6.389169 | 2.9504% | 1860 |
| 0.152029 | 6.577675 | 2.4012% | 1859 | 0.148464 | 6.735621 | 2.7627% | 1858 |
| 0.144473 | 6.921707 | 2.8412% | 1857 | 0.140482 | 7.118366 | 2.9243% | 1856 |
| 0.136490 | 7.326528 | 3.0161% | 1855 | 0.132494 | 7.547506 | 3.1061% | 1854 |
| 0.128503 | 7.781936 | 3.2056% | 1853 | 0.124511 | 8.031396 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.120520 | 8.297379 | 3.4252% | 1851 | 0.116529 | 8.581583 | 4.0106% | 1850 |
| 0.112035 | 8.925756 | 2.3254% | 1849 | 0.109489 | 9.133313 | 2.7841% | 1848 |
| 0.106524 | 9.387592 | 2.8590% | 1847 | 0.103563 | 9.655984 | 2.9432% | 1846 |
| 0.100602 | 9.940175 | 3.0324% | 1845 | 0.097641 | 10.241601 | 3.1325% | 1844 |
| 0.094675 | 10.562420 | 3.2284% | 1843 | 0.091714 | 10.903413 | 3.3361% | 1842 |
| 0.088754 | 11.267157 | 3.4512% | 1841 | 0.085793 | 11.656009 | 3.8105% | 1840 |
| 0.082644 | 12.100159 | 2.3861% | 1839 | 0.080718 | 12.388876 | 2.5824% | 1838 |
| 0.078686 | 12.708805 | 2.6573% | 1837 | 0.076649 | 13.046519 | 2.7232% | 1836 |
| 0.074617 | 13.401803 | 2.7994% | 1835 | 0.072585 | 13.776978 | 2.8871% | 1834 |
| 0.070548 | 14.174736 | 2.9657% | 1833 | 0.068516 | 14.595114 | 3.0563% | 1832 |
| 0.066484 | 15.041188 | 3.1604% | 1831 | 0.064447 | 15.516553 | 3.4660% | 1830 |
| 0.062288 | 16.054351 | 2.4653% | 1829 | 0.060790 | 16.450139 | 2.6804% | 1828 |
| 0.059203 | 16.891068 | 10.3427% | 1827 | 0.053654 | 18.638052 | -4.2314% | 1826 |
| 0.056024 | 17.849396 | 2.9150% | 1825 | 0.054437 | 18.369712 | 3.0026% | 1824 |
| 0.052851 | 18.921274 | 3.0955% | 1823 | 0.051264 | 19.506984 | 3.1944% | 1822 |
| 0.049677 | 20.130113 | 3.3102% | 1821 | 0.048085 | 20.796458 | 3.2277% | 1820 |
| 0.046582 | 21.467714 | 2.6573% | 1819 | 0.045376 | 22.038170 | 2.6261% | 1818 |
| 0.044215 | 22.616917 | 2.6969% | 1817 | 0.043054 | 23.226879 | 2.7717% | 1816 |
| 0.041892 | 23.870655 | 2.8507% | 1815 | 0.040731 | 24.551134 | 2.9343% | 1814 |
| 0.039570 | 25.271549 | 3.0231% | 1813 | 0.038409 | 26.035521 | 3.1039% | 1812 |
| 0.037253 | 26.843636 | 3.2172% | 1811 | 0.036092 | 27.707239 | 3.0969% | 1810 |
| 0.035007 | 28.565308 | 2.9144% | 1809 | 0.034016 | 29.397810 | 2.8225% | 1808 |
| 0.033082 | 30.227552 | 2.9199% | 1807 | 0.032144 | 31.110175 | 2.9918% | 1806 |
| 0.031210 | 32.040924 | 3.0841% | 1805 | 0.030276 | 33.029083 | 3.1822% | 1804 |
| 0.029343 | 34.080132 | 3.2868% | 1803 | 0.028409 | 35.200272 | 3.3985% | 1802 |
| 0.027475 | 36.396549 | 3.5180% | 1801 | 0.026541 | 37.676996 | 3.3999% | 1800 |
| 0.025669 | 38.957994 | 2.8419% | 1799 | 0.024959 | 40.065129 | 2.7485% | 1798 |
| 0.024292 | 41.166302 | 2.8261% | 1797 | 0.023624 | 42.329715 | 3.7832% | 1796 |
| 0.022763 | 43.931137 | 2.1272% | 1795 | 0.022289 | 44.865639 | 3.0879% | 1794 |
| 0.021621 | 46.251063 | 3.1625% | 1793 | 0.020958 | 47.713758 | 3.2904% | 1792 |

0.020291 49.283739 3.4024% 1791 0.019623 50.960552 3.2296% 1790
0.019009 52.606356 41.3145% 1780 0.013452 74.340383 29.4353% 1770
0.010393 96.222708 83.4728% 1750 0.005664 176.542535 29.2845% 1740
0.004381 228.242049 94.2514% 1720 0.002255 443.363363 85.8111%
1700 0.001214 823.818254 19.2490% 1690 0.001018 982.395437
88.0250% 1670 0.000541 1847.149240

BASE YEAR: 1970

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.479761 0.675785 8.2857% 2001 1.366534 0.731778 1.0000%
2000 1.353004 0.739096 1.0000% 1999 1.339608 0.746487 1.0000% 1998
1.326344 0.753952 1.0000% 1997 1.313212 0.761491 1.0000% 1996
1.300210 0.769106 1.0000% 1995 1.287337 0.776797 0.9992% 1994
1.274601 0.784559 1.0008% 1993 1.261971 0.792411 1.0000% 1992
1.249476 0.800335 0.9295% 1991 1.237969 0.807774 1.2505% 1990
1.222680 0.817876 0.7224% 1989 1.213910 0.823784 1.1077% 1988
1.200611 0.832909 0.8834% 1987 1.190098 0.840267 0.5594% 1986
1.183478 0.844967 1.3056% 1985 1.168225 0.855999 0.7673% 1984
1.159330 0.862567 0.8149% 1983 1.149959 0.869597 0.9737% 1982
1.138869 0.878064 0.9508% 1981 1.128142 0.886413 0.9031% 1980
1.118046 0.894418 2.2701% 1979 1.093229 0.914722 1.0042% 1978
1.082360 0.923907 0.9896% 1977 1.071754 0.933050 0.9103% 1976
1.062085 0.941544 0.8394% 1975 1.053244 0.949448 0.9042% 1974
1.043806 0.958032 1.1568% 1973 1.031870 0.969115 0.9427% 1972
1.022233 0.978251 0.7426% 1971 1.014697 0.985516 1.4697% 1970
1.000000 1.000000 0.6968% 1969 0.993080 1.006968 0.8565% 1968
0.984646 1.015593 1.5090% 1967 0.970008 1.030919 0.9949% 1966
0.960453 1.041176 1.0575% 1965 0.950403 1.052186 1.1300% 1964
0.939783 1.064076 1.5537% 1963 0.925405 1.080608 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.912036 | 1.096447 | 1.5364% | 1961 | 0.898236 | 1.113294 | 2.1586% | 1960 |
| 0.879256 | 1.137326 | -1.6655% | 1959 | 0.894148 | 1.118384 | 4.3080% | 1958 |
| 0.857219 | 1.166564 | 2.1130% | 1957 | 0.839481 | 1.191213 | 1.9895% | 1956 |
| 0.823105 | 1.214912 | 2.1231% | 1955 | 0.805993 | 1.240705 | 1.4496% | 1954 |
| 0.794476 | 1.258691 | 2.1573% | 1953 | 0.777699 | 1.285844 | 1.2298% | 1952 |
| 0.768252 | 1.301657 | 1.6814% | 1951 | 0.755548 | 1.323542 | 1.6233% | 1950 |
| 0.743479 | 1.345027 | 1.4265% | 1949 | 0.733023 | 1.364214 | 1.7790% | 1948 |
| 0.720210 | 1.388484 | 1.8242% | 1947 | 0.707307 | 1.413813 | -2.6320% | 1946 |
| 0.726427 | 1.376600 | 3.1768% | 1945 | 0.704061 | 1.420332 | 6.4754% | 1944 |
| 0.661242 | 1.512305 | -0.3437% | 1943 | 0.663523 | 1.507107 | 0.6562% | 1942 |
| 0.659197 | 1.516997 | 0.6633% | 1941 | 0.654853 | 1.527060 | -5.6614% | 1940 |
| 0.694152 | 1.440606 | 8.0381% | 1939 | 0.642507 | 1.556404 | 0.8126% | 1938 |
| 0.637328 | 1.569052 | 0.7762% | 1937 | 0.632419 | 1.581231 | 0.6029% | 1936 |
| 0.628629 | 1.590764 | 0.5244% | 1935 | 0.625349 | 1.599106 | -3.0364% | 1934 |
| 0.644932 | 1.550551 | 4.6271% | 1933 | 0.616410 | 1.622297 | 1.3921% | 1932 |
| 0.607947 | 1.644881 | -0.2051% | 1931 | 0.609196 | 1.641508 | 0.8886% | 1930 |
| 0.603830 | 1.656094 | 1.0126% | 1929 | 0.597777 | 1.672864 | 1.1526% | 1928 |
| 0.590966 | 1.692145 | 1.2160% | 1927 | 0.583866 | 1.712722 | 1.4086% | 1926 |
| 0.575756 | 1.736847 | 1.7667% | 1925 | 0.565761 | 1.767531 | 1.4465% | 1924 |
| 0.557694 | 1.793099 | 1.7700% | 1923 | 0.547994 | 1.824836 | 1.6165% | 1922 |
| 0.539277 | 1.854335 | 1.3736% | 1921 | 0.531970 | 1.879807 | 2.3393% | 1920 |
| 0.519810 | 1.923781 | 1.3140% | 1919 | 0.513068 | 1.949060 | 0.7676% | 1918 |
| 0.509159 | 1.964022 | 0.3870% | 1917 | 0.507197 | 1.971622 | 1.3274% | 1916 |
| 0.500552 | 1.997794 | 1.4083% | 1915 | 0.493601 | 2.025929 | 1.4458% | 1914 |
| 0.486566 | 2.055220 | 1.9424% | 1913 | 0.477295 | 2.095140 | 1.9857% | 1912 |
| 0.468002 | 2.136743 | 1.5634% | 1911 | 0.460798 | 2.170149 | 1.8169% | 1910 |
| 0.452575 | 2.209579 | 1.8781% | 1909 | 0.444232 | 2.251076 | 2.0082% | 1908 |
| 0.435486 | 2.296283 | 1.9603% | 1907 | 0.427114 | 2.341296 | 1.8264% | 1906 |
| 0.419453 | 2.384056 | 1.9357% | 1905 | 0.411488 | 2.430204 | 2.0148% | 1904 |
| 0.403361 | 2.479168 | 2.1335% | 1903 | 0.394935 | 2.532062 | 1.8151% | 1902 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.387894 | 2.578023 | 1.8943% | 1901 | 0.380683 | 2.626860 | 3.0255% | 1900 |
| 0.369503 | 2.706335 | 0.6278% | 1899 | 0.367198 | 2.723327 | 1.7757% | 1898 |
| 0.360792 | 2.771684 | 1.8078% | 1897 | 0.354385 | 2.821789 | 1.8396% | 1896 |
| 0.347984 | 2.873698 | 1.8755% | 1895 | 0.341577 | 2.927596 | 1.9114% | 1894 |
| 0.335171 | 2.983553 | 1.9486% | 1893 | 0.328764 | 3.041692 | 1.9858% | 1892 |
| 0.322363 | 3.102094 | 2.0276% | 1891 | 0.315956 | 3.164993 | 2.6465% | 1890 |
| 0.307810 | 3.248755 | 1.5328% | 1889 | 0.303163 | 3.298553 | 2.0811% | 1888 |
| 0.296983 | 3.367200 | 2.1599% | 1887 | 0.290704 | 3.439926 | 2.2075% | 1886 |
| 0.284425 | 3.515864 | 2.2592% | 1885 | 0.278141 | 3.595293 | 2.3095% | 1884 |
| 0.271863 | 3.678328 | 2.3641% | 1883 | 0.265584 | 3.765289 | 2.4214% | 1882 |
| 0.259305 | 3.856461 | 2.4815% | 1881 | 0.253026 | 3.952158 | 3.7644% | 1880 |
| 0.243847 | 4.100933 | 0.9432% | 1879 | 0.241568 | 4.139614 | 2.1464% | 1878 |
| 0.236492 | 4.228466 | 2.1913% | 1877 | 0.231421 | 4.321124 | 2.2426% | 1876 |
| 0.226345 | 4.418030 | 2.2941% | 1875 | 0.221269 | 4.519382 | 2.3456% | 1874 |
| 0.216198 | 4.625389 | 2.4043% | 1873 | 0.211122 | 4.736598 | 2.4635% | 1872 |
| 0.206046 | 4.853286 | 2.5258% | 1871 | 0.200970 | 4.975869 | 5.9947% | 1870 |
| 0.189604 | 5.274156 | -1.0968% | 1869 | 0.191706 | 5.216310 | 2.1930% | 1868 |
| 0.187593 | 5.330702 | 2.2394% | 1867 | 0.183484 | 5.450078 | 2.2935% | 1866 |
| 0.179370 | 5.575076 | 2.3445% | 1865 | 0.175261 | 5.705782 | 2.4037% | 1864 |
| 0.171147 | 5.842931 | 2.4599% | 1863 | 0.167038 | 5.986661 | 2.5250% | 1862 |
| 0.162924 | 6.137824 | 2.5872% | 1861 | 0.158815 | 6.296625 | 2.9504% | 1860 |
| 0.154264 | 6.482401 | 2.4012% | 1859 | 0.150646 | 6.638059 | 2.7627% | 1858 |
| 0.146596 | 6.821449 | 2.8412% | 1857 | 0.142546 | 7.015260 | 2.9243% | 1856 |
| 0.138496 | 7.220407 | 3.0161% | 1855 | 0.134441 | 7.438184 | 3.1061% | 1854 |
| 0.130391 | 7.669219 | 3.2056% | 1853 | 0.126341 | 7.915065 | 3.3118% | 1852 |
| 0.122291 | 8.177195 | 3.4252% | 1851 | 0.118241 | 8.457283 | 4.0106% | 1850 |
| 0.113682 | 8.796471 | 2.3254% | 1849 | 0.111099 | 9.001021 | 2.7841% | 1848 |
| 0.108089 | 9.251617 | 2.8590% | 1847 | 0.105085 | 9.516122 | 2.9432% | 1846 |
| 0.102080 | 9.796197 | 3.0324% | 1845 | 0.099076 | 10.093257 | 3.1325% | 1844 |
| 0.096067 | 10.409429 | 3.2284% | 1843 | 0.093062 | 10.745483 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.090058 | 11.103958 | 3.4512% | 1841 | 0.087054 | 11.487177 | 3.8105% | 1840 |
| 0.083858 | 11.924895 | 2.3861% | 1839 | 0.081904 | 12.209429 | 2.5824% | 1838 |
| 0.079842 | 12.524724 | 2.6573% | 1837 | 0.077775 | 12.857547 | 2.7232% | 1836 |
| 0.075713 | 13.207684 | 2.7994% | 1835 | 0.073652 | 13.577425 | 2.8871% | 1834 |
| 0.071585 | 13.969422 | 2.9657% | 1833 | 0.069523 | 14.383711 | 3.0563% | 1832 |
| 0.067461 | 14.823324 | 3.1604% | 1831 | 0.065395 | 15.291803 | 3.4660% | 1830 |
| 0.063204 | 15.821812 | 2.4653% | 1829 | 0.061683 | 16.211867 | 2.6804% | 1828 |
| 0.060073 | 16.646410 | 10.3427% | 1827 | 0.054442 | 18.368090 | -4.2314% | 1826 |
| 0.056848 | 17.590856 | 2.9150% | 1825 | 0.055238 | 18.103636 | 3.0026% | 1824 |
| 0.053627 | 18.647209 | 3.0955% | 1823 | 0.052017 | 19.224435 | 3.1944% | 1822 |
| 0.050407 | 19.838539 | 3.3102% | 1821 | 0.048792 | 20.495232 | 3.2277% | 1820 |
| 0.047266 | 21.156765 | 2.6573% | 1819 | 0.046043 | 21.718959 | 2.6261% | 1818 |
| 0.044865 | 22.289322 | 2.6969% | 1817 | 0.043686 | 22.890450 | 2.7717% | 1816 |
| 0.042508 | 23.524901 | 2.8507% | 1815 | 0.041330 | 24.195524 | 2.9343% | 1814 |
| 0.040152 | 24.905504 | 3.0231% | 1813 | 0.038974 | 25.658410 | 3.1039% | 1812 |
| 0.037800 | 26.454820 | 3.2172% | 1811 | 0.036622 | 27.305913 | 3.0969% | 1810 |
| 0.035522 | 28.151554 | 2.9144% | 1809 | 0.034516 | 28.971997 | 2.8225% | 1808 |
| 0.033569 | 29.789721 | 2.9199% | 1807 | 0.032616 | 30.659560 | 2.9918% | 1806 |
| 0.031669 | 31.576827 | 3.0841% | 1805 | 0.030721 | 32.550673 | 3.1822% | 1804 |
| 0.029774 | 33.586499 | 3.2868% | 1803 | 0.028826 | 34.690415 | 3.3985% | 1802 |
| 0.027879 | 35.869363 | 3.5180% | 1801 | 0.026931 | 37.131264 | 3.3999% | 1800 |
| 0.026046 | 38.393707 | 2.8419% | 1799 | 0.025326 | 39.484806 | 2.7485% | 1798 |
| 0.024649 | 40.570029 | 2.8261% | 1797 | 0.023971 | 41.716591 | 3.7832% | 1796 |
| 0.023097 | 43.294817 | 2.1272% | 1795 | 0.022616 | 44.215783 | 3.0879% | 1794 |
| 0.021939 | 45.581140 | 3.1625% | 1793 | 0.021266 | 47.022649 | 3.2904% | 1792 |
| 0.020589 | 48.569889 | 3.4024% | 1791 | 0.019911 | 50.222415 | 3.2296% | 1790 |
| 0.019288 | 51.844379 | 41.3145% | 1780 | 0.013649 | 73.263600 | 29.4353% | 1770 |
| 0.010545 | 94.828972 | 83.4728% | 1750 | 0.005748 | 173.985407 | 29.2845% | 1740 |
| 0.004446 | 224.936080 | 94.2514% | 1720 | 0.002289 | 436.941471 | 85.8111% | |

1700 0.001232 811.885668 19.2490% 1690 0.001033 968.165941
88.0250% 1670 0.000549 1820.394227

BASE YEAR: 1969

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 1.490072 | 0.671109 | 8.2857% | 2001 | 1.376056 | 0.726714 | 1.0000% |
| 2000 | 1.362432 | 0.733982 | 1.0000% | 1999 | 1.348943 | 0.741321 | 1.0000% |
| 1998 | 1.335587 | 0.748735 | 1.0000% | 1997 | 1.322363 | 0.756222 | 1.0000% |
| 1996 | 1.309270 | 0.763784 | 1.0000% | 1995 | 1.296307 | 0.771422 | 0.9992% |
| 1994 | 1.283482 | 0.779130 | 1.0008% | 1993 | 1.270765 | 0.786928 | 1.0000% |
| 1992 | 1.258183 | 0.794797 | 0.9295% | 1991 | 1.246596 | 0.802185 | 1.2505% |
| 1990 | 1.231200 | 0.812216 | 0.7224% | 1989 | 1.222369 | 0.818084 | 1.1077% |
| 1988 | 1.208977 | 0.827146 | 0.8834% | 1987 | 1.198391 | 0.834452 | 0.5594% |
| 1986 | 1.191725 | 0.839120 | 1.3056% | 1985 | 1.176366 | 0.850076 | 0.7673% |
| 1984 | 1.167409 | 0.856598 | 0.8149% | 1983 | 1.157972 | 0.863579 | 0.9737% |
| 1982 | 1.146805 | 0.871988 | 0.9508% | 1981 | 1.136004 | 0.880279 | 0.9031% |
| 1980 | 1.125837 | 0.888228 | 2.2701% | 1979 | 1.100847 | 0.908392 | 1.0042% |
| 1978 | 1.089902 | 0.917514 | 0.9896% | 1977 | 1.079222 | 0.926593 | 0.9103% |
| 1976 | 1.069486 | 0.935029 | 0.8394% | 1975 | 1.060583 | 0.942878 | 0.9042% |
| 1974 | 1.051080 | 0.951403 | 1.1568% | 1973 | 1.039060 | 0.962409 | 0.9427% |
| 1972 | 1.029356 | 0.971481 | 0.7426% | 1971 | 1.021768 | 0.978696 | 1.4697% |
| 1970 | 1.006968 | 0.993080 | 0.6968% | 1969 | 1.000000 | 1.000000 | 0.8565% |
| 1968 | 0.991507 | 1.008565 | 1.5090% | 1967 | 0.976768 | 1.023785 | 0.9949% |
| 1966 | 0.967145 | 1.033971 | 1.0575% | 1965 | 0.957025 | 1.044905 | 1.1300% |
| 1964 | 0.946331 | 1.056712 | 1.5537% | 1963 | 0.931854 | 1.073130 | 1.4658% |
| 1962 | 0.918392 | 1.088860 | 1.5364% | 1961 | 0.904495 | 1.105590 | 2.1586% |
| 1960 | 0.885383 | 1.129455 | -1.6655% | 1959 | 0.900378 | 1.110644 | 4.3080% |
| 1958 | 0.863192 | 1.158491 | 2.1130% | 1957 | 0.845330 | 1.182969 | 1.9895% |
| 1956 | 0.828841 | 1.206505 | 2.1231% | 1955 | 0.811609 | 1.232120 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.800012 | 1.249981 | 2.1573% | 1953 | 0.783119 | 1.276946 | 1.2298% | 1952 |
| 0.773605 | 1.292649 | 1.6814% | 1951 | 0.760813 | 1.314384 | 1.6233% | 1950 |
| 0.748660 | 1.335720 | 1.4265% | 1949 | 0.738130 | 1.354774 | 1.7790% | 1948 |
| 0.725228 | 1.378876 | 1.8242% | 1947 | 0.712236 | 1.404029 | -2.6320% | 1946 |
| 0.731489 | 1.367074 | 3.1768% | 1945 | 0.708967 | 1.410504 | 6.4754% | 1944 |
| 0.665850 | 1.501840 | -0.3437% | 1943 | 0.668146 | 1.496678 | 0.6562% | 1942 |
| 0.663790 | 1.506500 | 0.6633% | 1941 | 0.659416 | 1.516492 | -5.6614% | 1940 |
| 0.698989 | 1.430637 | 8.0381% | 1939 | 0.646984 | 1.545633 | 0.8126% | 1938 |
| 0.641769 | 1.558194 | 0.7762% | 1937 | 0.636825 | 1.570289 | 0.6029% | 1936 |
| 0.633009 | 1.579756 | 0.5244% | 1935 | 0.629707 | 1.588040 | -3.0364% | 1934 |
| 0.649426 | 1.539821 | 4.6271% | 1933 | 0.620705 | 1.611071 | 1.3921% | 1932 |
| 0.612183 | 1.633499 | -0.2051% | 1931 | 0.613441 | 1.630149 | 0.8886% | 1930 |
| 0.608038 | 1.644634 | 1.0126% | 1929 | 0.601943 | 1.661288 | 1.1526% | 1928 |
| 0.595084 | 1.680435 | 1.2160% | 1927 | 0.587935 | 1.700870 | 1.4086% | 1926 |
| 0.579768 | 1.724828 | 1.7667% | 1925 | 0.569703 | 1.755300 | 1.4465% | 1924 |
| 0.561580 | 1.780691 | 1.7700% | 1923 | 0.551813 | 1.812208 | 1.6165% | 1922 |
| 0.543035 | 1.841503 | 1.3736% | 1921 | 0.535676 | 1.866799 | 2.3393% | 1920 |
| 0.523432 | 1.910469 | 1.3140% | 1919 | 0.516643 | 1.935573 | 0.7676% | 1918 |
| 0.512707 | 1.950431 | 0.3870% | 1917 | 0.510731 | 1.957979 | 1.3274% | 1916 |
| 0.504040 | 1.983970 | 1.4083% | 1915 | 0.497040 | 2.011910 | 1.4458% | 1914 |
| 0.489956 | 2.040998 | 1.9424% | 1913 | 0.480621 | 2.080642 | 1.9857% | 1912 |
| 0.471263 | 2.121957 | 1.5634% | 1911 | 0.464009 | 2.155132 | 1.8169% | 1910 |
| 0.455729 | 2.194288 | 1.8781% | 1909 | 0.447328 | 2.235499 | 2.0082% | 1908 |
| 0.438521 | 2.280393 | 1.9603% | 1907 | 0.430090 | 2.325094 | 1.8264% | 1906 |
| 0.422376 | 2.367559 | 1.9357% | 1905 | 0.414355 | 2.413387 | 2.0148% | 1904 |
| 0.406172 | 2.462013 | 2.1335% | 1903 | 0.397687 | 2.514540 | 1.8151% | 1902 |
| 0.390597 | 2.560183 | 1.8943% | 1901 | 0.383335 | 2.608682 | 3.0255% | 1900 |
| 0.372078 | 2.687607 | 0.6278% | 1899 | 0.369757 | 2.704481 | 1.7757% | 1898 |
| 0.363306 | 2.752504 | 1.8078% | 1897 | 0.356855 | 2.802262 | 1.8396% | 1896 |
| 0.350408 | 2.853813 | 1.8755% | 1895 | 0.343957 | 2.907337 | 1.9114% | 1894 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.337506 | 2.962907 | 1.9486% | 1893 | 0.331055 | 3.020644 | 1.9858% | 1892 |
| 0.324609 | 3.080628 | 2.0276% | 1891 | 0.318158 | 3.143091 | 2.6465% | 1890 |
| 0.309955 | 3.226274 | 1.5328% | 1889 | 0.305276 | 3.275727 | 2.0811% | 1888 |
| 0.299052 | 3.343899 | 2.1599% | 1887 | 0.292730 | 3.416122 | 2.2075% | 1886 |
| 0.286407 | 3.491534 | 2.2592% | 1885 | 0.280080 | 3.570414 | 2.3095% | 1884 |
| 0.273757 | 3.652874 | 2.3641% | 1883 | 0.267435 | 3.739233 | 2.4214% | 1882 |
| 0.261112 | 3.829774 | 2.4815% | 1881 | 0.254789 | 3.924809 | 3.7644% | 1880 |
| 0.245546 | 4.072554 | 0.9432% | 1879 | 0.243252 | 4.110968 | 2.1464% | 1878 |
| 0.238140 | 4.199205 | 2.1913% | 1877 | 0.233034 | 4.291222 | 2.2426% | 1876 |
| 0.227922 | 4.387457 | 2.2941% | 1875 | 0.222811 | 4.488108 | 2.3456% | 1874 |
| 0.217705 | 4.593381 | 2.4043% | 1873 | 0.212593 | 4.703820 | 2.4635% | 1872 |
| 0.207482 | 4.819701 | 2.5258% | 1871 | 0.202370 | 4.941436 | 5.9947% | 1870 |
| 0.190925 | 5.237659 | -1.0968% | 1869 | 0.193042 | 5.180213 | 2.1930% | 1868 |
| 0.188900 | 5.293814 | 2.2394% | 1867 | 0.184762 | 5.412364 | 2.2935% | 1866 |
| 0.180620 | 5.536496 | 2.3445% | 1865 | 0.176482 | 5.666298 | 2.4037% | 1864 |
| 0.172340 | 5.802498 | 2.4599% | 1863 | 0.168202 | 5.945233 | 2.5250% | 1862 |
| 0.164059 | 6.095351 | 2.5872% | 1861 | 0.159922 | 6.253052 | 2.9504% | 1860 |
| 0.155339 | 6.437543 | 2.4012% | 1859 | 0.151696 | 6.592124 | 2.7627% | 1858 |
| 0.147618 | 6.774245 | 2.8412% | 1857 | 0.143540 | 6.966715 | 2.9243% | 1856 |
| 0.139461 | 7.170442 | 3.0161% | 1855 | 0.135378 | 7.386712 | 3.1061% | 1854 |
| 0.131300 | 7.616148 | 3.2056% | 1853 | 0.127222 | 7.860293 | 3.3118% | 1852 |
| 0.123143 | 8.120609 | 3.4252% | 1851 | 0.119065 | 8.398759 | 4.0106% | 1850 |
| 0.114474 | 8.735600 | 2.3254% | 1849 | 0.111873 | 8.938734 | 2.7841% | 1848 |
| 0.108842 | 9.187597 | 2.8590% | 1847 | 0.105817 | 9.450271 | 2.9432% | 1846 |
| 0.102792 | 9.728407 | 3.0324% | 1845 | 0.099766 | 10.023412 | 3.1325% | 1844 |
| 0.096736 | 10.337396 | 3.2284% | 1843 | 0.093711 | 10.671124 | 3.3361% | 1842 |
| 0.090686 | 11.027119 | 3.4512% | 1841 | 0.087660 | 11.407686 | 3.8105% | 1840 |
| 0.084443 | 11.842375 | 2.3861% | 1839 | 0.082475 | 12.124940 | 2.5824% | 1838 |
| 0.080398 | 12.438053 | 2.6573% | 1837 | 0.078317 | 12.768573 | 2.7232% | 1836 |
| 0.076241 | 13.116287 | 2.7994% | 1835 | 0.074165 | 13.483470 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.072084 | 13.872754 | 2.9657% | 1833 | 0.070008 | 14.284176 | 3.0563% | 1832 |
| 0.067931 | 14.720747 | 3.1604% | 1831 | 0.065850 | 15.185985 | 3.4660% | 1830 |
| 0.063644 | 15.712326 | 2.4653% | 1829 | 0.062113 | 16.099682 | 2.6804% | 1828 |
| 0.060492 | 16.531217 | 10.3427% | 1827 | 0.054822 | 18.240983 | -4.2314% | 1826 |
| 0.057244 | 17.469128 | 2.9150% | 1825 | 0.055622 | 17.978359 | 3.0026% | 1824 |
| 0.054001 | 18.518171 | 3.0955% | 1823 | 0.052380 | 19.091402 | 3.1944% | 1822 |
| 0.050758 | 19.701256 | 3.3102% | 1821 | 0.049132 | 20.353406 | 3.2277% | 1820 |
| 0.047596 | 21.010361 | 2.6573% | 1819 | 0.046364 | 21.568664 | 2.6261% | 1818 |
| 0.045177 | 22.135080 | 2.6969% | 1817 | 0.043991 | 22.732049 | 2.7717% | 1816 |
| 0.042804 | 23.362109 | 2.8507% | 1815 | 0.041618 | 24.028091 | 2.9343% | 1814 |
| 0.040432 | 24.733158 | 3.0231% | 1813 | 0.039245 | 25.480854 | 3.1039% | 1812 |
| 0.038064 | 26.271753 | 3.2172% | 1811 | 0.036877 | 27.116957 | 3.0969% | 1810 |
| 0.035770 | 27.956746 | 2.9144% | 1809 | 0.034757 | 28.771512 | 2.8225% | 1808 |
| 0.033803 | 29.583577 | 2.9199% | 1807 | 0.032844 | 30.447396 | 2.9918% | 1806 |
| 0.031889 | 31.358317 | 3.0841% | 1805 | 0.030935 | 32.325423 | 3.1822% | 1804 |
| 0.029981 | 33.354081 | 3.2868% | 1803 | 0.029027 | 34.450358 | 3.3985% | 1802 |
| 0.028073 | 35.621148 | 3.5180% | 1801 | 0.027119 | 36.874316 | 3.3999% | 1800 |
| 0.026227 | 38.128024 | 2.8419% | 1799 | 0.025503 | 39.211572 | 2.7485% | 1798 |
| 0.024820 | 40.289285 | 2.8261% | 1797 | 0.024138 | 41.427913 | 3.7832% | 1796 |
| 0.023258 | 42.995218 | 2.1272% | 1795 | 0.022774 | 43.909811 | 3.0879% | 1794 |
| 0.022092 | 45.265719 | 3.1625% | 1793 | 0.021415 | 46.697253 | 3.2904% | 1792 |
| 0.020732 | 48.233786 | 3.4024% | 1791 | 0.020050 | 49.874877 | 3.2296% | 1790 |
| 0.019423 | 51.485617 | 41.3145% | 1780 | 0.013744 | 72.756618 | 29.4353% | 1770 |
| 0.010619 | 94.172757 | 83.4728% | 1750 | 0.005788 | 172.781431 | 29.2845% | 1740 |
| 0.004477 | 223.379527 | 94.2514% | 1720 | 0.002305 | 433.917846 | 85.8111% | 1700 |
| 0.001240 | 806.267437 | 19.2490% | 1690 | 0.001040 | 961.466255 | 88.0250% | 1670 |
| 0.000553 | 1807.797140 | | | | | | |

BASE YEAR: 1968

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.502835 | 0.665409 | 8.2857% | 2001 | 1.387843 | 0.720543 | 1.0000% |
| 2000 | 1.374102 | 0.727748 | 1.0000% | 1999 | 1.360497 | 0.735026 | 1.0000% |
| 1998 | 1.347027 | 0.742376 | 1.0000% | 1997 | 1.333690 | 0.749800 | 1.0000% |
| 1996 | 1.320485 | 0.757298 | 1.0000% | 1995 | 1.307411 | 0.764871 | 0.9992% |
| 1994 | 1.294476 | 0.772513 | 1.0008% | 1993 | 1.281650 | 0.780245 | 1.0000% |
| 1992 | 1.268960 | 0.788047 | 0.9295% | 1991 | 1.257273 | 0.795372 | 1.2505% |
| 1990 | 1.241745 | 0.805318 | 0.7224% | 1989 | 1.232839 | 0.811136 | 1.1077% |
| 1988 | 1.219332 | 0.820121 | 0.8834% | 1987 | 1.208656 | 0.827366 | 0.5594% |
| 1986 | 1.201932 | 0.831994 | 1.3056% | 1985 | 1.186442 | 0.842856 | 0.7673% |
| 1984 | 1.177408 | 0.849323 | 0.8149% | 1983 | 1.167890 | 0.856245 | 0.9737% |
| 1982 | 1.156628 | 0.864583 | 0.9508% | 1981 | 1.145734 | 0.872803 | 0.9031% |
| 1980 | 1.135480 | 0.880685 | 2.2701% | 1979 | 1.110276 | 0.900677 | 1.0042% |
| 1978 | 1.099237 | 0.909722 | 0.9896% | 1977 | 1.088466 | 0.918724 | 0.9103% |
| 1976 | 1.078647 | 0.927088 | 0.8394% | 1975 | 1.069667 | 0.934870 | 0.9042% |
| 1974 | 1.060082 | 0.943323 | 1.1568% | 1973 | 1.047960 | 0.954235 | 0.9427% |
| 1972 | 1.038173 | 0.963231 | 0.7426% | 1971 | 1.030520 | 0.970384 | 1.4697% |
| 1970 | 1.015593 | 0.984646 | 0.6968% | 1969 | 1.008565 | 0.991507 | 0.8565% |
| 1968 | 1.000000 | 1.000000 | 1.5090% | 1967 | 0.985134 | 1.015090 | 0.9949% |
| 1966 | 0.975429 | 1.025190 | 1.0575% | 1965 | 0.965222 | 1.036031 | 1.1300% |
| 1964 | 0.954437 | 1.047738 | 1.5537% | 1963 | 0.939835 | 1.064016 | 1.4658% |
| 1962 | 0.926258 | 1.079613 | 1.5364% | 1961 | 0.912242 | 1.096200 | 2.1586% |
| 1960 | 0.892966 | 1.119863 | -1.6655% | 1959 | 0.908090 | 1.101212 | 4.3080% |
| 1958 | 0.870585 | 1.148652 | 2.1130% | 1957 | 0.852571 | 1.172923 | 1.9895% |
| 1956 | 0.835940 | 1.196258 | 2.1231% | 1955 | 0.818561 | 1.221656 | 1.4496% |
| 1954 | 0.806865 | 1.239365 | 2.1573% | 1953 | 0.789826 | 1.266101 | 1.2298% |
| 1952 | 0.780231 | 1.281671 | 1.6814% | 1951 | 0.767330 | 1.303221 | 1.6233% |
| 1950 | 0.755073 | 1.324376 | 1.4265% | 1949 | 0.744453 | 1.343268 | 1.7790% |
| 1948 | 0.731440 | 1.367166 | 1.8242% | 1947 | 0.718337 | 1.392105 | -2.6320% |
| 1946 | 0.737755 | 1.355464 | 3.1768% | 1945 | 0.715039 | 1.398525 | 6.4754% |
| 1944 | 0.671553 | 1.489085 | -0.3437% | 1943 | 0.673869 | 1.483967 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.669476 | 1.493706 | 0.6633% | 1941 | 0.665065 | 1.503613 | -5.6614% | 1940 |
| 0.704976 | 1.418487 | 8.0381% | 1939 | 0.652526 | 1.532507 | 0.8126% | 1938 |
| 0.647266 | 1.544961 | 0.7762% | 1937 | 0.642280 | 1.556953 | 0.6029% | 1936 |
| 0.638431 | 1.566340 | 0.5244% | 1935 | 0.635101 | 1.574554 | -3.0364% | 1934 |
| 0.654989 | 1.526744 | 4.6271% | 1933 | 0.626022 | 1.597389 | 1.3921% | 1932 |
| 0.617426 | 1.619626 | -0.2051% | 1931 | 0.618695 | 1.616305 | 0.8886% | 1930 |
| 0.613246 | 1.630667 | 1.0126% | 1929 | 0.607099 | 1.647179 | 1.1526% | 1928 |
| 0.600181 | 1.666164 | 1.2160% | 1927 | 0.592970 | 1.686425 | 1.4086% | 1926 |
| 0.584734 | 1.710179 | 1.7667% | 1925 | 0.574583 | 1.740393 | 1.4465% | 1924 |
| 0.566390 | 1.765568 | 1.7700% | 1923 | 0.556539 | 1.796818 | 1.6165% | 1922 |
| 0.547686 | 1.825864 | 1.3736% | 1921 | 0.540265 | 1.850945 | 2.3393% | 1920 |
| 0.527915 | 1.894244 | 1.3140% | 1919 | 0.521068 | 1.919134 | 0.7676% | 1918 |
| 0.517099 | 1.933867 | 0.3870% | 1917 | 0.515105 | 1.941350 | 1.3274% | 1916 |
| 0.508357 | 1.967121 | 1.4083% | 1915 | 0.501298 | 1.994823 | 1.4458% | 1914 |
| 0.494153 | 2.023665 | 1.9424% | 1913 | 0.484738 | 2.062972 | 1.9857% | 1912 |
| 0.475300 | 2.103936 | 1.5634% | 1911 | 0.467983 | 2.136829 | 1.8169% | 1910 |
| 0.459632 | 2.175653 | 1.8781% | 1909 | 0.451159 | 2.216513 | 2.0082% | 1908 |
| 0.442277 | 2.261026 | 1.9603% | 1907 | 0.433774 | 2.305348 | 1.8264% | 1906 |
| 0.425994 | 2.347452 | 1.9357% | 1905 | 0.417905 | 2.392891 | 2.0148% | 1904 |
| 0.409651 | 2.441104 | 2.1335% | 1903 | 0.401093 | 2.493185 | 1.8151% | 1902 |
| 0.393943 | 2.538440 | 1.8943% | 1901 | 0.386619 | 2.586527 | 3.0255% | 1900 |
| 0.375265 | 2.664783 | 0.6278% | 1899 | 0.372924 | 2.681513 | 1.7757% | 1898 |
| 0.366417 | 2.729128 | 1.8078% | 1897 | 0.359911 | 2.778463 | 1.8396% | 1896 |
| 0.353410 | 2.829576 | 1.8755% | 1895 | 0.346904 | 2.882646 | 1.9114% | 1894 |
| 0.340397 | 2.937744 | 1.9486% | 1893 | 0.333891 | 2.994990 | 1.9858% | 1892 |
| 0.327390 | 3.054465 | 2.0276% | 1891 | 0.320883 | 3.116398 | 2.6465% | 1890 |
| 0.312610 | 3.198874 | 1.5328% | 1889 | 0.307891 | 3.247907 | 2.0811% | 1888 |
| 0.301614 | 3.315500 | 2.1599% | 1887 | 0.295237 | 3.387110 | 2.2075% | 1886 |
| 0.288860 | 3.461882 | 2.2592% | 1885 | 0.282479 | 3.540091 | 2.3095% | 1884 |
| 0.276102 | 3.621851 | 2.3641% | 1883 | 0.269725 | 3.707477 | 2.4214% | 1882 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.263349 | 3.797249 | 2.4815% | 1881 | 0.256972 | 3.891477 | 3.7644% | 1880 |
| 0.247649 | 4.037967 | 0.9432% | 1879 | 0.245335 | 4.076055 | 2.1464% | 1878 |
| 0.240180 | 4.163543 | 2.1913% | 1877 | 0.235030 | 4.254778 | 2.2426% | 1876 |
| 0.229875 | 4.350196 | 2.2941% | 1875 | 0.224719 | 4.449992 | 2.3456% | 1874 |
| 0.219569 | 4.554371 | 2.4043% | 1873 | 0.214414 | 4.663872 | 2.4635% | 1872 |
| 0.209259 | 4.778769 | 2.5258% | 1871 | 0.204104 | 4.899470 | 5.9947% | 1870 |
| 0.192560 | 5.193177 | -1.0968% | 1869 | 0.194696 | 5.136219 | 2.1930% | 1868 |
| 0.190518 | 5.248855 | 2.2394% | 1867 | 0.186345 | 5.366398 | 2.2935% | 1866 |
| 0.182167 | 5.489477 | 2.3445% | 1865 | 0.177994 | 5.618176 | 2.4037% | 1864 |
| 0.173816 | 5.753220 | 2.4599% | 1863 | 0.169643 | 5.894742 | 2.5250% | 1862 |
| 0.165465 | 6.043585 | 2.5872% | 1861 | 0.161292 | 6.199947 | 2.9504% | 1860 |
| 0.156669 | 6.382871 | 2.4012% | 1859 | 0.152996 | 6.536139 | 2.7627% | 1858 |
| 0.148882 | 6.716714 | 2.8412% | 1857 | 0.144769 | 6.907549 | 2.9243% | 1856 |
| 0.140656 | 7.109546 | 3.0161% | 1855 | 0.136538 | 7.323979 | 3.1061% | 1854 |
| 0.132425 | 7.551466 | 3.2056% | 1853 | 0.128311 | 7.793538 | 3.3118% | 1852 |
| 0.124198 | 8.051644 | 3.4252% | 1851 | 0.120085 | 8.327431 | 4.0106% | 1850 |
| 0.115455 | 8.661411 | 2.3254% | 1849 | 0.112831 | 8.862821 | 2.7841% | 1848 |
| 0.109775 | 9.109569 | 2.8590% | 1847 | 0.106723 | 9.370013 | 2.9432% | 1846 |
| 0.103672 | 9.645787 | 3.0324% | 1845 | 0.100621 | 9.938287 | 3.1325% | 1844 |
| 0.097565 | 10.249604 | 3.2284% | 1843 | 0.094514 | 10.580498 | 3.3361% | 1842 |
| 0.091462 | 10.933470 | 3.4512% | 1841 | 0.088411 | 11.310805 | 3.8105% | 1840 |
| 0.085166 | 11.741802 | 2.3861% | 1839 | 0.083181 | 12.021967 | 2.5824% | 1838 |
| 0.081087 | 12.332421 | 2.6573% | 1837 | 0.078988 | 12.660134 | 2.7232% | 1836 |
| 0.076894 | 13.004895 | 2.7994% | 1835 | 0.074800 | 13.368960 | 2.8871% | 1834 |
| 0.072701 | 13.754938 | 2.9657% | 1833 | 0.070607 | 14.162865 | 3.0563% | 1832 |
| 0.068513 | 14.595728 | 3.1604% | 1831 | 0.066414 | 15.057015 | 3.4660% | 1830 |
| 0.064189 | 15.578886 | 2.4653% | 1829 | 0.062645 | 15.962953 | 2.6804% | 1828 |
| 0.061010 | 16.390823 | 10.3427% | 1827 | 0.055291 | 18.086069 | -4.2314% | 1826 |
| 0.057734 | 17.320769 | 2.9150% | 1825 | 0.056099 | 17.825675 | 3.0026% | 1824 |
| 0.054464 | 18.360903 | 3.0955% | 1823 | 0.052828 | 18.929266 | 3.1944% | 1822 |

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|----------|------------|------------|-------------|----------|------------|------------|------|
| 0.051193 | 19.533940 | 3.3102% | 1821 | 0.049553 | 20.180551 | 3.2277% | 1820 |
| 0.048003 | 20.831927 | 2.6573% | 1819 | 0.046761 | 21.385489 | 2.6261% | 1818 |
| 0.045564 | 21.947095 | 2.6969% | 1817 | 0.044368 | 22.538993 | 2.7717% | 1816 |
| 0.043171 | 23.163703 | 2.8507% | 1815 | 0.041974 | 23.824029 | 2.9343% | 1814 |
| 0.040778 | 24.523108 | 3.0231% | 1813 | 0.039581 | 25.264454 | 3.1039% | 1812 |
| 0.038390 | 26.048636 | 3.2172% | 1811 | 0.037193 | 26.886662 | 3.0969% | 1810 |
| 0.036076 | 27.719319 | 2.9144% | 1809 | 0.035054 | 28.527165 | 2.8225% | 1808 |
| 0.034092 | 29.332334 | 2.9199% | 1807 | 0.033125 | 30.188817 | 2.9918% | 1806 |
| 0.032163 | 31.092001 | 3.0841% | 1805 | 0.031200 | 32.050895 | 3.1822% | 1804 |
| 0.030238 | 33.070816 | 3.2868% | 1803 | 0.029276 | 34.157783 | 3.3985% | 1802 |
| 0.028314 | 35.318630 | 3.5180% | 1801 | 0.027351 | 36.561156 | 3.3999% | 1800 |
| 0.026452 | 37.804216 | 2.8419% | 1799 | 0.025721 | 38.878562 | 2.7485% | 1798 |
| 0.025033 | 39.947122 | 2.8261% | 1797 | 0.024345 | 41.076080 | 3.7832% | 1796 |
| 0.023458 | 42.630074 | 2.1272% | 1795 | 0.022969 | 43.536900 | 3.0879% | 1794 |
| 0.022281 | 44.881293 | 3.1625% | 1793 | 0.021598 | 46.300669 | 3.2904% | 1792 |
| 0.020910 | 47.824154 | 3.4024% | 1791 | 0.020222 | 49.451307 | 3.2296% | 1790 |
| 0.019589 | 51.048368 | 41.3145% | 1780 | 0.013862 | 72.138721 | 29.4353% | 1770 |
| 0.010710 | 93.372981 | 83.4728% | 1750 | 0.005837 | 171.314059 | 29.2845% | 1740 |
| 0.004515 | 221.482443 | 94.2514% | 1720 | 0.002324 | 430.232733 | 85.8111% | |
| 1700 | 0.001251 | 799.420088 | 19.2490% | 1690 | 0.001049 | 953.300856 | |
| 88.0250% | 1670 | 0.000558 | 1792.444147 | | | | |

BASE YEAR: 1967

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.525513 | 0.655517 | 8.2857% | 2001 | 1.408786 | 0.709831 | 1.0000% |
| 2000 | 1.394837 | 0.716929 | 1.0000% | 1999 | 1.381027 | 0.724099 | 1.0000% |
| 1998 | 1.367354 | 0.731340 | 1.0000% | 1997 | 1.353816 | 0.738653 | 1.0000% |
| 1996 | 1.340411 | 0.746040 | 1.0000% | 1995 | 1.327140 | 0.753500 | 0.9992% |
| 1994 | 1.314010 | 0.761029 | 1.0008% | 1993 | 1.300990 | 0.768645 | 1.0000% |
| 1992 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.288109 | 0.776332 | 0.9295% | 1991 | 1.276246 | 0.783548 | 1.2505% | 1990 |
| 1.260484 | 0.793346 | 0.7224% | 1989 | 1.251443 | 0.799078 | 1.1077% | 1988 |
| 1.237733 | 0.807929 | 0.8834% | 1987 | 1.226895 | 0.815066 | 0.5594% | 1986 |
| 1.220070 | 0.819625 | 1.3056% | 1985 | 1.204346 | 0.830326 | 0.7673% | 1984 |
| 1.195175 | 0.836697 | 0.8149% | 1983 | 1.185514 | 0.843516 | 0.9737% | 1982 |
| 1.174082 | 0.851730 | 0.9508% | 1981 | 1.163023 | 0.859828 | 0.9031% | 1980 |
| 1.152615 | 0.867593 | 2.2701% | 1979 | 1.127030 | 0.887288 | 1.0042% | 1978 |
| 1.115825 | 0.896198 | 0.9896% | 1977 | 1.104891 | 0.905066 | 0.9103% | 1976 |
| 1.094924 | 0.913306 | 0.8394% | 1975 | 1.085809 | 0.920972 | 0.9042% | 1974 |
| 1.076079 | 0.929299 | 1.1568% | 1973 | 1.063774 | 0.940049 | 0.9427% | 1972 |
| 1.053839 | 0.948911 | 0.7426% | 1971 | 1.046071 | 0.955958 | 1.4697% | 1970 |
| 1.030919 | 0.970008 | 0.6968% | 1969 | 1.023785 | 0.976768 | 0.8565% | 1968 |
| 1.015090 | 0.985134 | 1.5090% | 1967 | 1.000000 | 1.000000 | 0.9949% | 1966 |
| 0.990149 | 1.009949 | 1.0575% | 1965 | 0.979788 | 1.020629 | 1.1300% | 1964 |
| 0.968840 | 1.032162 | 1.5537% | 1963 | 0.954018 | 1.048198 | 1.4658% | 1962 |
| 0.940236 | 1.063563 | 1.5364% | 1961 | 0.926008 | 1.079904 | 2.1586% | 1960 |
| 0.906441 | 1.103215 | -1.6655% | 1959 | 0.921794 | 1.084841 | 4.3080% | 1958 |
| 0.883723 | 1.131576 | 2.1130% | 1957 | 0.865437 | 1.155486 | 1.9895% | 1956 |
| 0.848555 | 1.178474 | 2.1231% | 1955 | 0.830914 | 1.203495 | 1.4496% | 1954 |
| 0.819041 | 1.220941 | 2.1573% | 1953 | 0.801745 | 1.247279 | 1.2298% | 1952 |
| 0.792005 | 1.262618 | 1.6814% | 1951 | 0.778909 | 1.283847 | 1.6233% | 1950 |
| 0.766467 | 1.304688 | 1.4265% | 1949 | 0.755687 | 1.323299 | 1.7790% | 1948 |
| 0.742478 | 1.346841 | 1.8242% | 1947 | 0.729177 | 1.371410 | -2.6320% | 1946 |
| 0.748888 | 1.335314 | 3.1768% | 1945 | 0.725829 | 1.377734 | 6.4754% | 1944 |
| 0.681687 | 1.466948 | -0.3437% | 1943 | 0.684038 | 1.461907 | 0.6562% | 1942 |
| 0.679579 | 1.471500 | 0.6633% | 1941 | 0.675101 | 1.481261 | -5.6614% | 1940 |
| 0.715615 | 1.397400 | 8.0381% | 1939 | 0.662372 | 1.509725 | 0.8126% | 1938 |
| 0.657033 | 1.521993 | 0.7762% | 1937 | 0.651972 | 1.533807 | 0.6029% | 1936 |
| 0.648065 | 1.543054 | 0.5244% | 1935 | 0.644685 | 1.551146 | -3.0364% | 1934 |
| 0.664873 | 1.504048 | 4.6271% | 1933 | 0.635469 | 1.573642 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.626744 | 1.595549 | -0.2051% | 1931 | 0.628032 | 1.592276 | 0.8886% | 1930 |
| 0.622500 | 1.606425 | 1.0126% | 1929 | 0.616260 | 1.622692 | 1.1526% | 1928 |
| 0.609238 | 1.641395 | 1.2160% | 1927 | 0.601919 | 1.661354 | 1.4086% | 1926 |
| 0.593558 | 1.684756 | 1.7667% | 1925 | 0.583254 | 1.714520 | 1.4465% | 1924 |
| 0.574937 | 1.739321 | 1.7700% | 1923 | 0.564938 | 1.770106 | 1.6165% | 1922 |
| 0.555951 | 1.798720 | 1.3736% | 1921 | 0.548417 | 1.823428 | 2.3393% | 1920 |
| 0.535882 | 1.866084 | 1.3140% | 1919 | 0.528931 | 1.890605 | 0.7676% | 1918 |
| 0.524902 | 1.905118 | 0.3870% | 1917 | 0.522878 | 1.912490 | 1.3274% | 1916 |
| 0.516029 | 1.937877 | 1.4083% | 1915 | 0.508862 | 1.965168 | 1.4458% | 1914 |
| 0.501610 | 1.993581 | 1.9424% | 1913 | 0.492052 | 2.032304 | 1.9857% | 1912 |
| 0.482472 | 2.072658 | 1.5634% | 1911 | 0.475045 | 2.105063 | 1.8169% | 1910 |
| 0.466568 | 2.143310 | 1.8781% | 1909 | 0.457967 | 2.183562 | 2.0082% | 1908 |
| 0.448951 | 2.227414 | 1.9603% | 1907 | 0.440320 | 2.271077 | 1.8264% | 1906 |
| 0.432422 | 2.312554 | 1.9357% | 1905 | 0.424211 | 2.357318 | 2.0148% | 1904 |
| 0.415833 | 2.404814 | 2.1335% | 1903 | 0.407146 | 2.456121 | 1.8151% | 1902 |
| 0.399887 | 2.500704 | 1.8943% | 1901 | 0.392453 | 2.548076 | 3.0255% | 1900 |
| 0.380928 | 2.625168 | 0.6278% | 1899 | 0.378551 | 2.641650 | 1.7757% | 1898 |
| 0.371947 | 2.688556 | 1.8078% | 1897 | 0.365342 | 2.737159 | 1.8396% | 1896 |
| 0.358743 | 2.787511 | 1.8755% | 1895 | 0.352138 | 2.839792 | 1.9114% | 1894 |
| 0.345534 | 2.894072 | 1.9486% | 1893 | 0.338929 | 2.950467 | 1.9858% | 1892 |
| 0.332330 | 3.009057 | 2.0276% | 1891 | 0.325726 | 3.070070 | 2.6465% | 1890 |
| 0.317327 | 3.151320 | 1.5328% | 1889 | 0.312537 | 3.199624 | 2.0811% | 1888 |
| 0.306165 | 3.266212 | 2.1599% | 1887 | 0.299692 | 3.336757 | 2.2075% | 1886 |
| 0.293219 | 3.410417 | 2.2592% | 1885 | 0.286741 | 3.487464 | 2.3095% | 1884 |
| 0.280268 | 3.568009 | 2.3641% | 1883 | 0.273795 | 3.652361 | 2.4214% | 1882 |
| 0.267323 | 3.740799 | 2.4815% | 1881 | 0.260850 | 3.833626 | 3.7644% | 1880 |
| 0.251386 | 3.977939 | 0.9432% | 1879 | 0.249037 | 4.015460 | 2.1464% | 1878 |
| 0.243804 | 4.101647 | 2.1913% | 1877 | 0.238577 | 4.191526 | 2.2426% | 1876 |
| 0.233344 | 4.285526 | 2.2941% | 1875 | 0.228111 | 4.383838 | 2.3456% | 1874 |
| 0.222883 | 4.486666 | 2.4043% | 1873 | 0.217650 | 4.594539 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.212417 | 4.707728 | 2.5258% | 1871 | 0.207184 | 4.826634 | 5.9947% | 1870 |
| 0.195466 | 5.115975 | -1.0968% | 1869 | 0.197634 | 5.059864 | 2.1930% | 1868 |
| 0.193393 | 5.170825 | 2.2394% | 1867 | 0.189157 | 5.286621 | 2.2935% | 1866 |
| 0.184916 | 5.407870 | 2.3445% | 1865 | 0.180680 | 5.534656 | 2.4037% | 1864 |
| 0.176439 | 5.667692 | 2.4599% | 1863 | 0.172203 | 5.807111 | 2.5250% | 1862 |
| 0.167962 | 5.953741 | 2.5872% | 1861 | 0.163726 | 6.107779 | 2.9504% | 1860 |
| 0.159034 | 6.287983 | 2.4012% | 1859 | 0.155304 | 6.438973 | 2.7627% | 1858 |
| 0.151129 | 6.616863 | 2.8412% | 1857 | 0.146954 | 6.804861 | 2.9243% | 1856 |
| 0.142779 | 7.003855 | 3.0161% | 1855 | 0.138598 | 7.215101 | 3.1061% | 1854 |
| 0.134423 | 7.439206 | 3.2056% | 1853 | 0.130248 | 7.677679 | 3.3118% | 1852 |
| 0.126072 | 7.931948 | 3.4252% | 1851 | 0.121897 | 8.203635 | 4.0106% | 1850 |
| 0.117197 | 8.532650 | 2.3254% | 1849 | 0.114534 | 8.731066 | 2.7841% | 1848 |
| 0.111431 | 8.974146 | 2.8590% | 1847 | 0.108334 | 9.230718 | 2.9432% | 1846 |
| 0.105237 | 9.502393 | 3.0324% | 1845 | 0.102139 | 9.790544 | 3.1325% | 1844 |
| 0.099037 | 10.097233 | 3.2284% | 1843 | 0.095940 | 10.423208 | 3.3361% | 1842 |
| 0.092842 | 10.770932 | 3.4512% | 1841 | 0.089745 | 11.142658 | 3.8105% | 1840 |
| 0.086451 | 11.567247 | 2.3861% | 1839 | 0.084436 | 11.843248 | 2.5824% | 1838 |
| 0.082311 | 12.149087 | 2.6573% | 1837 | 0.080180 | 12.471928 | 2.7232% | 1836 |
| 0.078054 | 12.811564 | 2.7994% | 1835 | 0.075929 | 13.170216 | 2.8871% | 1834 |
| 0.073798 | 13.550456 | 2.9657% | 1833 | 0.071673 | 13.952320 | 3.0563% | 1832 |
| 0.069547 | 14.378748 | 3.1604% | 1831 | 0.067416 | 14.833177 | 3.4660% | 1830 |
| 0.065158 | 15.347290 | 2.4653% | 1829 | 0.063590 | 15.725647 | 2.6804% | 1828 |
| 0.061930 | 16.147156 | 10.3427% | 1827 | 0.056126 | 17.817200 | -4.2314% | 1826 |
| 0.058605 | 17.063277 | 2.9150% | 1825 | 0.056945 | 17.560678 | 3.0026% | 1824 |
| 0.055285 | 18.087949 | 3.0955% | 1823 | 0.053625 | 18.647862 | 3.1944% | 1822 |
| 0.051965 | 19.243548 | 3.3102% | 1821 | 0.050300 | 19.880546 | 3.2277% | 1820 |
| 0.048728 | 20.522238 | 2.6573% | 1819 | 0.047466 | 21.067571 | 2.6261% | 1818 |
| 0.046252 | 21.620828 | 2.6969% | 1817 | 0.045037 | 22.203927 | 2.7717% | 1816 |
| 0.043822 | 22.819350 | 2.8507% | 1815 | 0.042608 | 23.469860 | 2.9343% | 1814 |
| 0.041393 | 24.158546 | 3.0231% | 1813 | 0.040179 | 24.888871 | 3.1039% | 1812 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.038969 | 25.661396 | 3.2172% | 1811 | 0.037754 | 26.486964 | 3.0969% | 1810 |
| 0.036620 | 27.307243 | 2.9144% | 1809 | 0.035583 | 28.103079 | 2.8225% | 1808 |
| 0.034607 | 28.896278 | 2.9199% | 1807 | 0.033625 | 29.740029 | 2.9918% | 1806 |
| 0.032648 | 30.629786 | 3.0841% | 1805 | 0.031671 | 31.574425 | 3.1822% | 1804 |
| 0.030694 | 32.579184 | 3.2868% | 1803 | 0.029718 | 33.649991 | 3.3985% | 1802 |
| 0.028741 | 34.793582 | 3.5180% | 1801 | 0.027764 | 36.017636 | 3.3999% | 1800 |
| 0.026851 | 37.242216 | 2.8419% | 1799 | 0.026109 | 38.300591 | 2.7485% | 1798 |
| 0.025411 | 39.353266 | 2.8261% | 1797 | 0.024712 | 40.465441 | 3.7832% | 1796 |
| 0.023812 | 41.996334 | 2.1272% | 1795 | 0.023316 | 42.889679 | 3.0879% | 1794 |
| 0.022617 | 44.214086 | 3.1625% | 1793 | 0.021924 | 45.612361 | 3.2904% | 1792 |
| 0.021225 | 47.113197 | 3.4024% | 1791 | 0.020527 | 48.716161 | 3.2296% | 1790 |
| 0.019885 | 50.289481 | 41.3145% | 1780 | 0.014071 | 71.066303 | 29.4353% | 1770 |
| 0.010871 | 91.984894 | 83.4728% | 1750 | 0.005925 | 168.767296 | 29.2845% | 1740 |
| 0.004583 | 218.189874 | 94.2514% | 1720 | 0.002359 | 423.836873 | 85.8111% | 1700 |
| 0.001270 | 787.535871 | 19.2490% | 1690 | 0.001065 | 939.129040 | 88.0250% | 1670 |
| 0.000566 | 1765.797587 | | | | | | |

BASE YEAR: 1966

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.540691 | 0.649060 | 8.2857% | 2001 | 1.422802 | 0.702838 | 1.0000% |
| 2000 | 1.408715 | 0.709867 | 1.0000% | 1999 | 1.394767 | 0.716966 | 1.0000% |
| 1998 | 1.380958 | 0.724135 | 1.0000% | 1997 | 1.367285 | 0.731377 | 1.0000% |
| 1996 | 1.353747 | 0.738690 | 1.0000% | 1995 | 1.340344 | 0.746077 | 0.9992% |
| 1994 | 1.327083 | 0.753532 | 1.0008% | 1993 | 1.313934 | 0.761073 | 1.0000% |
| 1992 | 1.300925 | 0.768684 | 0.9295% | 1991 | 1.288944 | 0.775829 | 1.2505% |
| 1990 | 1.273024 | 0.785531 | 0.7224% | 1989 | 1.263893 | 0.791206 | 1.1077% |
| 1988 | 1.250047 | 0.799970 | 0.8834% | 1987 | 1.239101 | 0.807037 | 0.5594% |
| 1986 | 1.232209 | 0.811551 | 1.3056% | 1985 | 1.216328 | 0.822147 | 0.7673% |
| 1984 | 1.207066 | 0.828455 | 0.8149% | 1983 | 1.197309 | 0.835206 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.185763 | 0.843339 | 0.9508% | 1981 | 1.174594 | 0.851358 | 0.9031% | 1980 |
| 1.164082 | 0.859046 | 2.2701% | 1979 | 1.138243 | 0.878547 | 1.0042% | 1978 |
| 1.126927 | 0.887369 | 0.9896% | 1977 | 1.115884 | 0.896151 | 0.9103% | 1976 |
| 1.105817 | 0.904309 | 0.8394% | 1975 | 1.096612 | 0.911900 | 0.9042% | 1974 |
| 1.086785 | 0.920145 | 1.1568% | 1973 | 1.074357 | 0.930789 | 0.9427% | 1972 |
| 1.064324 | 0.939564 | 0.7426% | 1971 | 1.056478 | 0.946541 | 1.4697% | 1970 |
| 1.041176 | 0.960453 | 0.6968% | 1969 | 1.033971 | 0.967145 | 0.8565% | 1968 |
| 1.025190 | 0.975429 | 1.5090% | 1967 | 1.009949 | 0.990149 | 0.9949% | 1966 |
| 1.000000 | 1.000000 | 1.0575% | 1965 | 0.989536 | 1.010575 | 1.1300% | 1964 |
| 0.978479 | 1.021994 | 1.5537% | 1963 | 0.963509 | 1.037873 | 1.4658% | 1962 |
| 0.949590 | 1.053086 | 1.5364% | 1961 | 0.935221 | 1.069266 | 2.1586% | 1960 |
| 0.915460 | 1.092347 | -1.6655% | 1959 | 0.930965 | 1.074155 | 4.3080% | 1958 |
| 0.892515 | 1.120429 | 2.1130% | 1957 | 0.874047 | 1.144103 | 1.9895% | 1956 |
| 0.856997 | 1.166865 | 2.1231% | 1955 | 0.839180 | 1.191639 | 1.4496% | 1954 |
| 0.827189 | 1.208913 | 2.1573% | 1953 | 0.809722 | 1.234992 | 1.2298% | 1952 |
| 0.799885 | 1.250180 | 1.6814% | 1951 | 0.786658 | 1.271200 | 1.6233% | 1950 |
| 0.774093 | 1.291835 | 1.4265% | 1949 | 0.763205 | 1.310263 | 1.7790% | 1948 |
| 0.749865 | 1.333574 | 1.8242% | 1947 | 0.736431 | 1.357900 | -2.6320% | 1946 |
| 0.756338 | 1.322160 | 3.1768% | 1945 | 0.733051 | 1.364162 | 6.4754% | 1944 |
| 0.688469 | 1.452497 | -0.3437% | 1943 | 0.690844 | 1.447505 | 0.6562% | 1942 |
| 0.686340 | 1.457004 | 0.6633% | 1941 | 0.681817 | 1.466669 | -5.6614% | 1940 |
| 0.722734 | 1.383634 | 8.0381% | 1939 | 0.668962 | 1.494852 | 0.8126% | 1938 |
| 0.663570 | 1.507000 | 0.7762% | 1937 | 0.658459 | 1.518698 | 0.6029% | 1936 |
| 0.654513 | 1.527854 | 0.5244% | 1935 | 0.651099 | 1.535866 | -3.0364% | 1934 |
| 0.671487 | 1.489231 | 4.6271% | 1933 | 0.641791 | 1.558140 | 1.3921% | 1932 |
| 0.632979 | 1.579831 | -0.2051% | 1931 | 0.634280 | 1.576591 | 0.8886% | 1930 |
| 0.628693 | 1.590600 | 1.0126% | 1929 | 0.622391 | 1.606707 | 1.1526% | 1928 |
| 0.615299 | 1.625225 | 1.2160% | 1927 | 0.607907 | 1.644988 | 1.4086% | 1926 |
| 0.599463 | 1.668159 | 1.7667% | 1925 | 0.589056 | 1.697630 | 1.4465% | 1924 |
| 0.580657 | 1.722187 | 1.7700% | 1923 | 0.570558 | 1.752669 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.561482 | 1.781001 | 1.3736% | 1921 | 0.553874 | 1.805466 | 2.3393% | 1920 |
| 0.541213 | 1.847701 | 1.3140% | 1919 | 0.534194 | 1.871980 | 0.7676% | 1918 |
| 0.530124 | 1.886350 | 0.3870% | 1917 | 0.528081 | 1.893650 | 1.3274% | 1916 |
| 0.521163 | 1.918787 | 1.4083% | 1915 | 0.513925 | 1.945809 | 1.4458% | 1914 |
| 0.506601 | 1.973942 | 1.9424% | 1913 | 0.496948 | 2.012283 | 1.9857% | 1912 |
| 0.487272 | 2.052241 | 1.5634% | 1911 | 0.479772 | 2.084325 | 1.8169% | 1910 |
| 0.471210 | 2.122196 | 1.8781% | 1909 | 0.462524 | 2.162052 | 2.0082% | 1908 |
| 0.453418 | 2.205471 | 1.9603% | 1907 | 0.444701 | 2.248704 | 1.8264% | 1906 |
| 0.436724 | 2.289773 | 1.9357% | 1905 | 0.428431 | 2.334096 | 2.0148% | 1904 |
| 0.419970 | 2.381124 | 2.1335% | 1903 | 0.411197 | 2.431926 | 1.8151% | 1902 |
| 0.403866 | 2.476069 | 1.8943% | 1901 | 0.396358 | 2.522974 | 3.0255% | 1900 |
| 0.384718 | 2.599307 | 0.6278% | 1899 | 0.382318 | 2.615627 | 1.7757% | 1898 |
| 0.375647 | 2.662071 | 1.8078% | 1897 | 0.368977 | 2.710195 | 1.8396% | 1896 |
| 0.362312 | 2.760051 | 1.8755% | 1895 | 0.355642 | 2.811817 | 1.9114% | 1894 |
| 0.348972 | 2.865562 | 1.9486% | 1893 | 0.342301 | 2.921401 | 1.9858% | 1892 |
| 0.335636 | 2.979415 | 2.0276% | 1891 | 0.328966 | 3.039826 | 2.6465% | 1890 |
| 0.320485 | 3.120276 | 1.5328% | 1889 | 0.315646 | 3.168104 | 2.0811% | 1888 |
| 0.309211 | 3.234036 | 2.1599% | 1887 | 0.302674 | 3.303887 | 2.2075% | 1886 |
| 0.296137 | 3.376821 | 2.2592% | 1885 | 0.289594 | 3.453109 | 2.3095% | 1884 |
| 0.283057 | 3.532860 | 2.3641% | 1883 | 0.276519 | 3.616382 | 2.4214% | 1882 |
| 0.269982 | 3.703948 | 2.4815% | 1881 | 0.263445 | 3.795861 | 3.7644% | 1880 |
| 0.253888 | 3.938752 | 0.9432% | 1879 | 0.251515 | 3.975903 | 2.1464% | 1878 |
| 0.246230 | 4.061242 | 2.1913% | 1877 | 0.240950 | 4.150235 | 2.2426% | 1876 |
| 0.235665 | 4.243309 | 2.2941% | 1875 | 0.230380 | 4.340653 | 2.3456% | 1874 |
| 0.225100 | 4.442467 | 2.4043% | 1873 | 0.219815 | 4.549278 | 2.4635% | 1872 |
| 0.214530 | 4.661352 | 2.5258% | 1871 | 0.209245 | 4.779087 | 5.9947% | 1870 |
| 0.197411 | 5.065577 | -1.0968% | 1869 | 0.199600 | 5.010019 | 2.1930% | 1868 |
| 0.195317 | 5.119887 | 2.2394% | 1867 | 0.191039 | 5.234542 | 2.2935% | 1866 |
| 0.186755 | 5.354597 | 2.3445% | 1865 | 0.182477 | 5.480134 | 2.4037% | 1864 |
| 0.178194 | 5.611859 | 2.4599% | 1863 | 0.173916 | 5.749904 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.169633 | 5.895090 | 2.5872% | 1861 | 0.165355 | 6.047611 | 2.9504% | 1860 |
| 0.160616 | 6.226040 | 2.4012% | 1859 | 0.156849 | 6.375542 | 2.7627% | 1858 |
| 0.152633 | 6.551679 | 2.8412% | 1857 | 0.148416 | 6.737826 | 2.9243% | 1856 |
| 0.144199 | 6.934859 | 3.0161% | 1855 | 0.139977 | 7.144024 | 3.1061% | 1854 |
| 0.135760 | 7.365922 | 3.2056% | 1853 | 0.131544 | 7.602046 | 3.3118% | 1852 |
| 0.127327 | 7.853810 | 3.4252% | 1851 | 0.123110 | 8.122820 | 4.0106% | 1850 |
| 0.118363 | 8.448595 | 2.3254% | 1849 | 0.115673 | 8.645055 | 2.7841% | 1848 |
| 0.112540 | 8.885741 | 2.8590% | 1847 | 0.109412 | 9.139786 | 2.9432% | 1846 |
| 0.106284 | 9.408784 | 3.0324% | 1845 | 0.103156 | 9.694096 | 3.1325% | 1844 |
| 0.100022 | 9.997764 | 3.2284% | 1843 | 0.096894 | 10.320528 | 3.3361% | 1842 |
| 0.093766 | 10.664827 | 3.4512% | 1841 | 0.090638 | 11.032891 | 3.8105% | 1840 |
| 0.087311 | 11.453298 | 2.3861% | 1839 | 0.085276 | 11.726579 | 2.5824% | 1838 |
| 0.083130 | 12.029405 | 2.6573% | 1837 | 0.080978 | 12.349066 | 2.7232% | 1836 |
| 0.078831 | 12.685356 | 2.7994% | 1835 | 0.076684 | 13.040475 | 2.8871% | 1834 |
| 0.074532 | 13.416970 | 2.9657% | 1833 | 0.072386 | 13.814874 | 3.0563% | 1832 |
| 0.070239 | 14.237102 | 3.1604% | 1831 | 0.068087 | 14.687054 | 3.4660% | 1830 |
| 0.065806 | 15.196103 | 2.4653% | 1829 | 0.064223 | 15.570732 | 2.6804% | 1828 |
| 0.062547 | 15.988089 | 10.3427% | 1827 | 0.056684 | 17.641682 | -4.2314% | 1826 |
| 0.059188 | 16.895186 | 2.9150% | 1825 | 0.057512 | 17.387687 | 3.0026% | 1824 |
| 0.055835 | 17.909763 | 3.0955% | 1823 | 0.054159 | 18.464161 | 3.1944% | 1822 |
| 0.052482 | 19.053978 | 3.3102% | 1821 | 0.050801 | 19.684702 | 3.2277% | 1820 |
| 0.049212 | 20.320072 | 2.6573% | 1819 | 0.047939 | 20.860033 | 2.6261% | 1818 |
| 0.046712 | 21.407840 | 2.6969% | 1817 | 0.045485 | 21.985195 | 2.7717% | 1816 |
| 0.044258 | 22.594555 | 2.8507% | 1815 | 0.043032 | 23.238657 | 2.9343% | 1814 |
| 0.041805 | 23.920559 | 3.0231% | 1813 | 0.040578 | 24.643689 | 3.1039% | 1812 |
| 0.039357 | 25.408604 | 3.2172% | 1811 | 0.038130 | 26.226039 | 3.0969% | 1810 |
| 0.036985 | 27.038237 | 2.9144% | 1809 | 0.035937 | 27.826234 | 2.8225% | 1808 |
| 0.034951 | 28.611619 | 2.9199% | 1807 | 0.033959 | 29.447057 | 2.9918% | 1806 |
| 0.032973 | 30.328050 | 3.0841% | 1805 | 0.031986 | 31.263383 | 3.1822% | 1804 |
| 0.031000 | 32.258244 | 3.2868% | 1803 | 0.030013 | 33.318503 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.029027 | 34.450828 | 3.5180% | 1801 | 0.028040 | 35.662824 | 3.3999% | 1800 |
| 0.027118 | 36.875341 | 2.8419% | 1799 | 0.026369 | 37.923289 | 2.7485% | 1798 |
| 0.025664 | 38.965595 | 2.8261% | 1797 | 0.024958 | 40.066813 | 3.7832% | 1796 |
| 0.024049 | 41.582625 | 2.1272% | 1795 | 0.023548 | 42.467170 | 3.0879% | 1794 |
| 0.022842 | 43.778530 | 3.1625% | 1793 | 0.022142 | 45.163031 | 3.2904% | 1792 |
| 0.021437 | 46.649082 | 3.4024% | 1791 | 0.020731 | 48.236255 | 3.2296% | 1790 |
| 0.020083 | 49.794075 | 41.3145% | 1780 | 0.014211 | 70.366224 | 29.4353% | 1770 |
| 0.010980 | 91.078744 | 83.4728% | 1750 | 0.005984 | 167.104757 | 29.2845% | 1740 |
| 0.004629 | 216.040470 | 94.2514% | 1720 | 0.002383 | 419.661626 | 85.8111% | 1700 |
| 0.001282 | 779.777800 | 19.2490% | 1690 | 0.001075 | 929.877614 | 88.0250% | 1670 |
| 0.000572 | 1748.402592 | | | | | | |

BASE YEAR: 1965

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.556983 | 0.642268 | 8.2857% | 2001 | 1.437848 | 0.695484 | 1.0000% |
| 2000 | 1.423612 | 0.702439 | 1.0000% | 1999 | 1.409516 | 0.709463 | 1.0000% |
| 1998 | 1.395561 | 0.716558 | 1.0000% | 1997 | 1.381743 | 0.723723 | 1.0000% |
| 1996 | 1.368063 | 0.730961 | 1.0000% | 1995 | 1.354518 | 0.738270 | 0.9992% |
| 1994 | 1.341117 | 0.745647 | 1.0008% | 1993 | 1.327828 | 0.753109 | 1.0000% |
| 1992 | 1.314681 | 0.760641 | 0.9295% | 1991 | 1.302574 | 0.767711 | 1.2505% |
| 1990 | 1.286486 | 0.777311 | 0.7224% | 1989 | 1.277259 | 0.782927 | 1.1077% |
| 1988 | 1.263266 | 0.791599 | 0.8834% | 1987 | 1.252204 | 0.798592 | 0.5594% |
| 1986 | 1.245239 | 0.803059 | 1.3056% | 1985 | 1.229190 | 0.813544 | 0.7673% |
| 1984 | 1.219831 | 0.819786 | 0.8149% | 1983 | 1.209970 | 0.826467 | 0.9737% |
| 1982 | 1.198302 | 0.834514 | 0.9508% | 1981 | 1.187015 | 0.842449 | 0.9031% |
| 1980 | 1.176392 | 0.850057 | 2.2701% | 1979 | 1.150280 | 0.869354 | 1.0042% |
| 1978 | 1.138844 | 0.878084 | 0.9896% | 1977 | 1.127684 | 0.886773 | 0.9103% |
| 1976 | 1.117511 | 0.894846 | 0.8394% | 1975 | 1.108208 | 0.902358 | 0.9042% |
| 1974 | 1.098278 | 0.910516 | 1.1568% | 1973 | 1.085718 | 0.921049 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.075579 | 0.929732 | 0.7426% | 1971 | 1.067650 | 0.936636 | 1.4697% | 1970 |
| 1.052186 | 0.950403 | 0.6968% | 1969 | 1.044905 | 0.957025 | 0.8565% | 1968 |
| 1.036031 | 0.965222 | 1.5090% | 1967 | 1.020629 | 0.979788 | 0.9949% | 1966 |
| 1.010575 | 0.989536 | 1.0575% | 1965 | 1.000000 | 1.000000 | 1.1300% | 1964 |
| 0.988826 | 1.011300 | 1.5537% | 1963 | 0.973698 | 1.027012 | 1.4658% | 1962 |
| 0.959632 | 1.042066 | 1.5364% | 1961 | 0.945111 | 1.058077 | 2.1586% | 1960 |
| 0.925140 | 1.080917 | -1.6655% | 1959 | 0.940809 | 1.062915 | 4.3080% | 1958 |
| 0.901953 | 1.108705 | 2.1130% | 1957 | 0.883290 | 1.132131 | 1.9895% | 1956 |
| 0.866059 | 1.154655 | 2.1231% | 1955 | 0.848054 | 1.179170 | 1.4496% | 1954 |
| 0.835937 | 1.196263 | 2.1573% | 1953 | 0.818284 | 1.222069 | 1.2298% | 1952 |
| 0.808344 | 1.237098 | 1.6814% | 1951 | 0.794977 | 1.257898 | 1.6233% | 1950 |
| 0.782278 | 1.278317 | 1.4265% | 1949 | 0.771276 | 1.296553 | 1.7790% | 1948 |
| 0.757794 | 1.319619 | 1.8242% | 1947 | 0.744219 | 1.343691 | -2.6320% | 1946 |
| 0.764336 | 1.308325 | 3.1768% | 1945 | 0.740803 | 1.349887 | 6.4754% | 1944 |
| 0.695750 | 1.437298 | -0.3437% | 1943 | 0.698149 | 1.432359 | 0.6562% | 1942 |
| 0.693598 | 1.441758 | 0.6633% | 1941 | 0.689027 | 1.451321 | -5.6614% | 1940 |
| 0.730377 | 1.369156 | 8.0381% | 1939 | 0.676037 | 1.479210 | 0.8126% | 1938 |
| 0.670587 | 1.491231 | 0.7762% | 1937 | 0.665422 | 1.502806 | 0.6029% | 1936 |
| 0.661434 | 1.511866 | 0.5244% | 1935 | 0.657984 | 1.519794 | -3.0364% | 1934 |
| 0.678588 | 1.473648 | 4.6271% | 1933 | 0.648578 | 1.541835 | 1.3921% | 1932 |
| 0.639673 | 1.563299 | -0.2051% | 1931 | 0.640987 | 1.560093 | 0.8886% | 1930 |
| 0.635342 | 1.573956 | 1.0126% | 1929 | 0.628973 | 1.589894 | 1.1526% | 1928 |
| 0.621806 | 1.608219 | 1.2160% | 1927 | 0.614336 | 1.627775 | 1.4086% | 1926 |
| 0.605802 | 1.650703 | 1.7667% | 1925 | 0.595286 | 1.679866 | 1.4465% | 1924 |
| 0.586797 | 1.704166 | 1.7700% | 1923 | 0.576592 | 1.734329 | 1.6165% | 1922 |
| 0.567420 | 1.762365 | 1.3736% | 1921 | 0.559731 | 1.786573 | 2.3393% | 1920 |
| 0.546936 | 1.828367 | 1.3140% | 1919 | 0.539843 | 1.852392 | 0.7676% | 1918 |
| 0.535730 | 1.866611 | 0.3870% | 1917 | 0.533665 | 1.873835 | 1.3274% | 1916 |
| 0.526674 | 1.898709 | 1.4083% | 1915 | 0.519360 | 1.925448 | 1.4458% | 1914 |
| 0.511958 | 1.953286 | 1.9424% | 1913 | 0.502203 | 1.991227 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.492425 | 2.030766 | 1.5634% | 1911 | 0.484845 | 2.062515 | 1.8169% | 1910 |
| 0.476193 | 2.099989 | 1.8781% | 1909 | 0.467415 | 2.139428 | 2.0082% | 1908 |
| 0.458213 | 2.182393 | 1.9603% | 1907 | 0.449403 | 2.225174 | 1.8264% | 1906 |
| 0.441343 | 2.265813 | 1.9357% | 1905 | 0.432962 | 2.309672 | 2.0148% | 1904 |
| 0.424411 | 2.356208 | 2.1335% | 1903 | 0.415545 | 2.406478 | 1.8151% | 1902 |
| 0.408137 | 2.450159 | 1.8943% | 1901 | 0.400549 | 2.496574 | 3.0255% | 1900 |
| 0.388786 | 2.572108 | 0.6278% | 1899 | 0.386360 | 2.588257 | 1.7757% | 1898 |
| 0.379620 | 2.634215 | 1.8078% | 1897 | 0.372879 | 2.681835 | 1.8396% | 1896 |
| 0.366143 | 2.731170 | 1.8755% | 1895 | 0.359403 | 2.782394 | 1.9114% | 1894 |
| 0.352662 | 2.835577 | 1.9486% | 1893 | 0.345921 | 2.890832 | 1.9858% | 1892 |
| 0.339186 | 2.948238 | 2.0276% | 1891 | 0.332445 | 3.008017 | 2.6465% | 1890 |
| 0.323874 | 3.087625 | 1.5328% | 1889 | 0.318984 | 3.134953 | 2.0811% | 1888 |
| 0.312481 | 3.200195 | 2.1599% | 1887 | 0.305875 | 3.269315 | 2.2075% | 1886 |
| 0.299268 | 3.341486 | 2.2592% | 1885 | 0.292656 | 3.416976 | 2.3095% | 1884 |
| 0.286050 | 3.495892 | 2.3641% | 1883 | 0.279444 | 3.578540 | 2.4214% | 1882 |
| 0.272837 | 3.665190 | 2.4815% | 1881 | 0.266231 | 3.756141 | 3.7644% | 1880 |
| 0.256572 | 3.897537 | 0.9432% | 1879 | 0.254175 | 3.934299 | 2.1464% | 1878 |
| 0.248834 | 4.018745 | 2.1913% | 1877 | 0.243498 | 4.106807 | 2.2426% | 1876 |
| 0.238157 | 4.198907 | 2.2941% | 1875 | 0.232816 | 4.295232 | 2.3456% | 1874 |
| 0.227481 | 4.395981 | 2.4043% | 1873 | 0.222140 | 4.501674 | 2.4635% | 1872 |
| 0.216799 | 4.612575 | 2.5258% | 1871 | 0.211458 | 4.729078 | 5.9947% | 1870 |
| 0.199498 | 5.012571 | -1.0968% | 1869 | 0.201711 | 4.957594 | 2.1930% | 1868 |
| 0.197382 | 5.066313 | 2.2394% | 1867 | 0.193059 | 5.179768 | 2.2935% | 1866 |
| 0.188730 | 5.298566 | 2.3445% | 1865 | 0.184407 | 5.422789 | 2.4037% | 1864 |
| 0.180078 | 5.553137 | 2.4599% | 1863 | 0.175755 | 5.689737 | 2.5250% | 1862 |
| 0.171427 | 5.833404 | 2.5872% | 1861 | 0.167103 | 5.984328 | 2.9504% | 1860 |
| 0.162314 | 6.160890 | 2.4012% | 1859 | 0.158508 | 6.308828 | 2.7627% | 1858 |
| 0.154247 | 6.483122 | 2.8412% | 1857 | 0.149985 | 6.667321 | 2.9243% | 1856 |
| 0.145724 | 6.862293 | 3.0161% | 1855 | 0.141457 | 7.069269 | 3.1061% | 1854 |
| 0.137196 | 7.288845 | 3.2056% | 1853 | 0.132935 | 7.522498 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.128673 | 7.771627 | 3.4252% | 1851 | 0.124412 | 8.037823 | 4.0106% | 1850 |
| 0.119615 | 8.360188 | 2.3254% | 1849 | 0.116896 | 8.554593 | 2.7841% | 1848 |
| 0.113730 | 8.792760 | 2.8590% | 1847 | 0.110569 | 9.044147 | 2.9432% | 1846 |
| 0.107408 | 9.310330 | 3.0324% | 1845 | 0.104246 | 9.592657 | 3.1325% | 1844 |
| 0.101080 | 9.893147 | 3.2284% | 1843 | 0.097919 | 10.212534 | 3.3361% | 1842 |
| 0.094758 | 10.553230 | 3.4512% | 1841 | 0.091597 | 10.917442 | 3.8105% | 1840 |
| 0.088234 | 11.333450 | 2.3861% | 1839 | 0.086178 | 11.603872 | 2.5824% | 1838 |
| 0.084009 | 11.903529 | 2.6573% | 1837 | 0.081834 | 12.219845 | 2.7232% | 1836 |
| 0.079665 | 12.552616 | 2.7994% | 1835 | 0.077495 | 12.904019 | 2.8871% | 1834 |
| 0.075321 | 13.276574 | 2.9657% | 1833 | 0.073151 | 13.670315 | 3.0563% | 1832 |
| 0.070982 | 14.088124 | 3.1604% | 1831 | 0.068807 | 14.533368 | 3.4660% | 1830 |
| 0.066502 | 15.037090 | 2.4653% | 1829 | 0.064902 | 15.407799 | 2.6804% | 1828 |
| 0.063208 | 15.820789 | 10.3427% | 1827 | 0.057283 | 17.457078 | -4.2314% | 1826 |
| 0.059814 | 16.718394 | 2.9150% | 1825 | 0.058120 | 17.205741 | 3.0026% | 1824 |
| 0.056426 | 17.722354 | 3.0955% | 1823 | 0.054732 | 18.270951 | 3.1944% | 1822 |
| 0.053037 | 18.854597 | 3.3102% | 1821 | 0.051338 | 19.478720 | 3.2277% | 1820 |
| 0.049733 | 20.107442 | 2.6573% | 1819 | 0.048445 | 20.641753 | 2.6261% | 1818 |
| 0.047206 | 21.183828 | 2.6969% | 1817 | 0.045966 | 21.755141 | 2.7717% | 1816 |
| 0.044726 | 22.358124 | 2.8507% | 1815 | 0.043487 | 22.995486 | 2.9343% | 1814 |
| 0.042247 | 23.670253 | 3.0231% | 1813 | 0.041007 | 24.385817 | 3.1039% | 1812 |
| 0.039773 | 25.142727 | 3.2172% | 1811 | 0.038533 | 25.951609 | 3.0969% | 1810 |
| 0.037376 | 26.755308 | 2.9144% | 1809 | 0.036317 | 27.535059 | 2.8225% | 1808 |
| 0.035320 | 28.312226 | 2.9199% | 1807 | 0.034318 | 29.138922 | 2.9918% | 1806 |
| 0.033321 | 30.010696 | 3.0841% | 1805 | 0.032325 | 30.936242 | 3.1822% | 1804 |
| 0.031328 | 31.920692 | 3.2868% | 1803 | 0.030331 | 32.969857 | 3.3985% | 1802 |
| 0.029334 | 34.090333 | 3.5180% | 1801 | 0.028337 | 35.289646 | 3.3999% | 1800 |
| 0.027405 | 36.489476 | 2.8419% | 1799 | 0.026648 | 37.526459 | 2.7485% | 1798 |
| 0.025935 | 38.557857 | 2.8261% | 1797 | 0.025222 | 39.647553 | 3.7832% | 1796 |
| 0.024303 | 41.147503 | 2.1272% | 1795 | 0.023797 | 42.022791 | 3.0879% | 1794 |
| 0.023084 | 43.320430 | 3.1625% | 1793 | 0.022376 | 44.690443 | 3.2904% | 1792 |

0.021663 46.160944 3.4024% 1791 0.020951 47.731509 3.2296% 1790
0.020295 49.273028 41.3145% 1780 0.014362 69.629909 29.4353% 1770
0.011096 90.125692 83.4728% 1750 0.006048 165.356167 29.2845% 1740
0.004678 213.779814 94.2514% 1720 0.002408 415.270270 85.8111%
1700 0.001296 771.618175 19.2490% 1690 0.001087 920.147338
88.0250% 1670 0.000578 1730.107239

BASE YEAR: 1964

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.574577 | 0.635091 | 8.2857% | 2001 | 1.454096 | 0.687713 | 1.0000% |
| 2000 | 1.439699 | 0.694590 | 1.0000% | 1999 | 1.425444 | 0.701536 | 1.0000% |
| 1998 | 1.411331 | 0.708551 | 1.0000% | 1997 | 1.397357 | 0.715637 | 1.0000% |
| 1996 | 1.383522 | 0.722793 | 1.0000% | 1995 | 1.369824 | 0.730021 | 0.9992% |
| 1994 | 1.356272 | 0.737315 | 1.0008% | 1993 | 1.342833 | 0.744694 | 1.0000% |
| 1992 | 1.329537 | 0.752141 | 0.9295% | 1991 | 1.317293 | 0.759132 | 1.2505% |
| 1990 | 1.301024 | 0.768626 | 0.7224% | 1989 | 1.291692 | 0.774178 | 1.1077% |
| 1988 | 1.277541 | 0.782754 | 0.8834% | 1987 | 1.266354 | 0.789668 | 0.5594% |
| 1986 | 1.259310 | 0.794085 | 1.3056% | 1985 | 1.243080 | 0.804453 | 0.7673% |
| 1984 | 1.233615 | 0.810626 | 0.8149% | 1983 | 1.223643 | 0.817232 | 0.9737% |
| 1982 | 1.211843 | 0.825190 | 0.9508% | 1981 | 1.200429 | 0.833036 | 0.9031% |
| 1980 | 1.189685 | 0.840558 | 2.2701% | 1979 | 1.163278 | 0.859640 | 1.0042% |
| 1978 | 1.151713 | 0.868272 | 0.9896% | 1977 | 1.140427 | 0.876865 | 0.9103% |
| 1976 | 1.130139 | 0.884847 | 0.8394% | 1975 | 1.120731 | 0.892275 | 0.9042% |
| 1974 | 1.110689 | 0.900342 | 1.1568% | 1973 | 1.097987 | 0.910757 | 0.9427% |
| 1972 | 1.087733 | 0.919343 | 0.7426% | 1971 | 1.079715 | 0.926171 | 1.4697% |
| 1970 | 1.064076 | 0.939783 | 0.6968% | 1969 | 1.056712 | 0.946331 | 0.8565% |
| 1968 | 1.047738 | 0.954437 | 1.5090% | 1967 | 1.032162 | 0.968840 | 0.9949% |
| 1966 | 1.021994 | 0.978479 | 1.0575% | 1965 | 1.011300 | 0.988826 | 1.1300% |
| 1964 | 1.000000 | 1.000000 | 1.5537% | 1963 | 0.984701 | 1.015537 | 1.4658% |
| 1962 | 0.970476 | 1.030422 | 1.5364% | 1961 | 0.955791 | 1.046254 | 2.1586% |
| 1960 | 0.935595 | 1.068839 | -1.6655% | 1959 | 0.951441 | 1.051038 | 4.3080% |
| 1958 | 0.912145 | 1.096316 | 2.1130% | 1957 | 0.893271 | 1.119481 | 1.9895% |
| 1956 | 0.875846 | 1.141753 | 2.1231% | 1955 | 0.857638 | 1.165994 | 1.4496% |
| 1954 | 0.845383 | 1.182896 | 2.1573% | 1953 | 0.827531 | 1.208414 | 1.2298% |
| 1952 | 0.817478 | 1.223275 | 1.6814% | 1951 | 0.803960 | 1.243842 | 1.6233% |
| 1950 | 0.791118 | 1.264033 | 1.4265% | 1949 | 0.779991 | 1.282065 | 1.7790% |
| 1948 | 0.766358 | 1.304874 | 1.8242% | 1947 | 0.752628 | 1.328677 | -2.6320% |
| 1946 | 0.772973 | 1.293706 | 3.1768% | 1945 | 0.749174 | 1.334804 | 6.4754% |
| 1944 | 0.703612 | 1.421238 | -0.3437% | 1943 | 0.706038 | 1.416354 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.701435 | 1.425648 | 0.6633% | 1941 | 0.696813 | 1.435104 | -5.6614% | 1940 |
| 0.738630 | 1.353857 | 8.0381% | 1939 | 0.683676 | 1.462681 | 0.8126% | 1938 |
| 0.678165 | 1.474568 | 0.7762% | 1937 | 0.672941 | 1.486014 | 0.6029% | 1936 |
| 0.668908 | 1.494973 | 0.5244% | 1935 | 0.665419 | 1.502812 | -3.0364% | 1934 |
| 0.686256 | 1.457181 | 4.6271% | 1933 | 0.655907 | 1.524607 | 1.3921% | 1932 |
| 0.646901 | 1.545831 | -0.2051% | 1931 | 0.648231 | 1.542661 | 0.8886% | 1930 |
| 0.642521 | 1.556369 | 1.0126% | 1929 | 0.636080 | 1.572129 | 1.1526% | 1928 |
| 0.628832 | 1.590249 | 1.2160% | 1927 | 0.621278 | 1.609586 | 1.4086% | 1926 |
| 0.612648 | 1.632259 | 1.7667% | 1925 | 0.602012 | 1.661096 | 1.4465% | 1924 |
| 0.593428 | 1.685123 | 1.7700% | 1923 | 0.583108 | 1.714950 | 1.6165% | 1922 |
| 0.573831 | 1.742672 | 1.3736% | 1921 | 0.566056 | 1.766610 | 2.3393% | 1920 |
| 0.553117 | 1.807937 | 1.3140% | 1919 | 0.545943 | 1.831693 | 0.7676% | 1918 |
| 0.541784 | 1.845754 | 0.3870% | 1917 | 0.539695 | 1.852897 | 1.3274% | 1916 |
| 0.532625 | 1.877493 | 1.4083% | 1915 | 0.525228 | 1.903933 | 1.4458% | 1914 |
| 0.517743 | 1.931461 | 1.9424% | 1913 | 0.507878 | 1.968977 | 1.9857% | 1912 |
| 0.497990 | 2.008074 | 1.5634% | 1911 | 0.490324 | 2.039469 | 1.8169% | 1910 |
| 0.481574 | 2.076524 | 1.8781% | 1909 | 0.472696 | 2.115523 | 2.0082% | 1908 |
| 0.463390 | 2.158007 | 1.9603% | 1907 | 0.454481 | 2.200310 | 1.8264% | 1906 |
| 0.446330 | 2.240495 | 1.9357% | 1905 | 0.437854 | 2.283864 | 2.0148% | 1904 |
| 0.429207 | 2.329880 | 2.1335% | 1903 | 0.420241 | 2.379589 | 1.8151% | 1902 |
| 0.412749 | 2.422782 | 1.8943% | 1901 | 0.405075 | 2.468678 | 3.0255% | 1900 |
| 0.393180 | 2.543367 | 0.6278% | 1899 | 0.390726 | 2.559336 | 1.7757% | 1898 |
| 0.383909 | 2.604781 | 1.8078% | 1897 | 0.377093 | 2.651869 | 1.8396% | 1896 |
| 0.370281 | 2.700652 | 1.8755% | 1895 | 0.363464 | 2.751304 | 1.9114% | 1894 |
| 0.356647 | 2.803892 | 1.9486% | 1893 | 0.349830 | 2.858530 | 1.9858% | 1892 |
| 0.343018 | 2.915295 | 2.0276% | 1891 | 0.336202 | 2.974406 | 2.6465% | 1890 |
| 0.327533 | 3.053124 | 1.5328% | 1889 | 0.322589 | 3.099923 | 2.0811% | 1888 |
| 0.316012 | 3.164436 | 2.1599% | 1887 | 0.309331 | 3.232784 | 2.2075% | 1886 |
| 0.302650 | 3.304148 | 2.2592% | 1885 | 0.295964 | 3.378795 | 2.3095% | 1884 |
| 0.289282 | 3.456829 | 2.3641% | 1883 | 0.282601 | 3.538554 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.275920 | 3.624236 | 2.4815% | 1881 | 0.269239 | 3.714170 | 3.7644% | 1880 |
| 0.259472 | 3.853986 | 0.9432% | 1879 | 0.257047 | 3.890338 | 2.1464% | 1878 |
| 0.251646 | 3.973840 | 2.1913% | 1877 | 0.246250 | 4.060918 | 2.2426% | 1876 |
| 0.240848 | 4.151989 | 2.2941% | 1875 | 0.235447 | 4.247238 | 2.3456% | 1874 |
| 0.230051 | 4.346861 | 2.4043% | 1873 | 0.224650 | 4.451373 | 2.4635% | 1872 |
| 0.219248 | 4.561035 | 2.5258% | 1871 | 0.213847 | 4.676236 | 5.9947% | 1870 |
| 0.201753 | 4.956561 | -1.0968% | 1869 | 0.203990 | 4.902198 | 2.1930% | 1868 |
| 0.199613 | 5.009702 | 2.2394% | 1867 | 0.195240 | 5.121890 | 2.2935% | 1866 |
| 0.190863 | 5.239360 | 2.3445% | 1865 | 0.186491 | 5.362196 | 2.4037% | 1864 |
| 0.182113 | 5.491087 | 2.4599% | 1863 | 0.177741 | 5.626161 | 2.5250% | 1862 |
| 0.173364 | 5.768222 | 2.5872% | 1861 | 0.168991 | 5.917460 | 2.9504% | 1860 |
| 0.164148 | 6.092049 | 2.4012% | 1859 | 0.160299 | 6.238334 | 2.7627% | 1858 |
| 0.155990 | 6.410681 | 2.8412% | 1857 | 0.151680 | 6.592821 | 2.9243% | 1856 |
| 0.147371 | 6.785614 | 3.0161% | 1855 | 0.143056 | 6.990278 | 3.1061% | 1854 |
| 0.138746 | 7.207400 | 3.2056% | 1853 | 0.134437 | 7.438442 | 3.3118% | 1852 |
| 0.130127 | 7.684788 | 3.4252% | 1851 | 0.125818 | 7.948009 | 4.0106% | 1850 |
| 0.120966 | 8.266772 | 2.3254% | 1849 | 0.118217 | 8.459005 | 2.7841% | 1848 |
| 0.115015 | 8.694511 | 2.8590% | 1847 | 0.111818 | 8.943088 | 2.9432% | 1846 |
| 0.108621 | 9.206297 | 3.0324% | 1845 | 0.105424 | 9.485470 | 3.1325% | 1844 |
| 0.102222 | 9.782603 | 3.2284% | 1843 | 0.099025 | 10.098420 | 3.3361% | 1842 |
| 0.095828 | 10.435309 | 3.4512% | 1841 | 0.092632 | 10.795452 | 3.8105% | 1840 |
| 0.089231 | 11.206811 | 2.3861% | 1839 | 0.087152 | 11.474212 | 2.5824% | 1838 |
| 0.084958 | 11.770521 | 2.6573% | 1837 | 0.082759 | 12.083302 | 2.7232% | 1836 |
| 0.080565 | 12.412355 | 2.7994% | 1835 | 0.078371 | 12.759831 | 2.8871% | 1834 |
| 0.076172 | 13.128223 | 2.9657% | 1833 | 0.073978 | 13.517565 | 3.0563% | 1832 |
| 0.071784 | 13.930705 | 3.1604% | 1831 | 0.069585 | 14.370974 | 3.4660% | 1830 |
| 0.067254 | 14.869068 | 2.4653% | 1829 | 0.065636 | 15.235635 | 2.6804% | 1828 |
| 0.063922 | 15.644010 | 10.3427% | 1827 | 0.057931 | 17.262015 | -4.2314% | 1826 |
| 0.060490 | 16.531585 | 2.9150% | 1825 | 0.058777 | 17.013486 | 3.0026% | 1824 |
| 0.057064 | 17.524327 | 3.0955% | 1823 | 0.055350 | 18.066794 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.053637 | 18.643918 | 3.3102% | 1821 | 0.051918 | 19.261068 | 3.2277% | 1820 |
| 0.050295 | 19.882764 | 2.6573% | 1819 | 0.048993 | 20.411105 | 2.6261% | 1818 |
| 0.047739 | 20.947122 | 2.6969% | 1817 | 0.046486 | 21.512052 | 2.7717% | 1816 |
| 0.045232 | 22.108298 | 2.8507% | 1815 | 0.043978 | 22.738538 | 2.9343% | 1814 |
| 0.042725 | 23.405765 | 3.0231% | 1813 | 0.041471 | 24.113333 | 3.1039% | 1812 |
| 0.040222 | 24.861786 | 3.2172% | 1811 | 0.038969 | 25.661629 | 3.0969% | 1810 |
| 0.037798 | 26.456348 | 2.9144% | 1809 | 0.036728 | 27.227386 | 2.8225% | 1808 |
| 0.035720 | 27.995869 | 2.9199% | 1807 | 0.034706 | 28.813328 | 2.9918% | 1806 |
| 0.033698 | 29.675360 | 3.0841% | 1805 | 0.032690 | 30.590564 | 3.1822% | 1804 |
| 0.031682 | 31.564015 | 3.2868% | 1803 | 0.030673 | 32.601456 | 3.3985% | 1802 |
| 0.029665 | 33.709412 | 3.5180% | 1801 | 0.028657 | 34.895324 | 3.3999% | 1800 |
| 0.027715 | 36.081747 | 2.8419% | 1799 | 0.026949 | 37.107143 | 2.7485% | 1798 |
| 0.026228 | 38.127017 | 2.8261% | 1797 | 0.025507 | 39.204536 | 3.7832% | 1796 |
| 0.024577 | 40.687726 | 2.1272% | 1795 | 0.024066 | 41.553234 | 3.0879% | 1794 |
| 0.023345 | 42.836373 | 3.1625% | 1793 | 0.022629 | 44.191078 | 3.2904% | 1792 |
| 0.021908 | 45.645148 | 3.4024% | 1791 | 0.021187 | 47.198163 | 3.2296% | 1790 |
| 0.020524 | 48.722458 | 41.3145% | 1780 | 0.014524 | 68.851874 | 29.4353% | 1770 |
| 0.011221 | 89.118640 | 83.4728% | 1750 | 0.006116 | 163.508498 | 29.2845% | 1740 |
| 0.004731 | 211.391067 | 94.2514% | 1720 | 0.002435 | 410.630094 | 85.8111% | 1700 |
| 0.001311 | 762.996214 | 19.2490% | 1690 | 0.001099 | 909.865732 | 88.0250% | 1670 |
| 0.000585 | 1710.775246 | | | | | | |

BASE YEAR: 1963

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.599041 | 0.625375 | 8.2857% | 2001 | 1.476687 | 0.677191 | 1.0000% |
| 2000 | 1.462067 | 0.683963 | 1.0000% | 1999 | 1.447591 | 0.690803 | 1.0000% |
| 1998 | 1.433258 | 0.697711 | 1.0000% | 1997 | 1.419067 | 0.704688 | 1.0000% |
| 1996 | 1.405017 | 0.711735 | 1.0000% | 1995 | 1.391106 | 0.718852 | 0.9992% |
| 1994 | 1.377343 | 0.726035 | 1.0008% | 1993 | 1.363696 | 0.733301 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.350194 | 0.740634 | 0.9295% | 1991 | 1.337759 | 0.747519 | 1.2505% | 1990 |
| 1.321237 | 0.756866 | 0.7224% | 1989 | 1.311760 | 0.762334 | 1.1077% | 1988 |
| 1.297389 | 0.770779 | 0.8834% | 1987 | 1.286029 | 0.777587 | 0.5594% | 1986 |
| 1.278876 | 0.781937 | 1.3056% | 1985 | 1.262393 | 0.792146 | 0.7673% | 1984 |
| 1.252781 | 0.798224 | 0.8149% | 1983 | 1.242654 | 0.804729 | 0.9737% | 1982 |
| 1.230670 | 0.812565 | 0.9508% | 1981 | 1.219079 | 0.820291 | 0.9031% | 1980 |
| 1.208169 | 0.827699 | 2.2701% | 1979 | 1.181351 | 0.846488 | 1.0042% | 1978 |
| 1.169606 | 0.854988 | 0.9896% | 1977 | 1.158145 | 0.863450 | 0.9103% | 1976 |
| 1.147697 | 0.871310 | 0.8394% | 1975 | 1.138143 | 0.878624 | 0.9042% | 1974 |
| 1.127945 | 0.886568 | 1.1568% | 1973 | 1.115046 | 0.896824 | 0.9427% | 1972 |
| 1.104633 | 0.905278 | 0.7426% | 1971 | 1.096490 | 0.912001 | 1.4697% | 1970 |
| 1.080608 | 0.925405 | 0.6968% | 1969 | 1.073130 | 0.931854 | 0.8565% | 1968 |
| 1.064016 | 0.939835 | 1.5090% | 1967 | 1.048198 | 0.954018 | 0.9949% | 1966 |
| 1.037873 | 0.963509 | 1.0575% | 1965 | 1.027012 | 0.973698 | 1.1300% | 1964 |
| 1.015537 | 0.984701 | 1.5537% | 1963 | 1.000000 | 1.000000 | 1.4658% | 1962 |
| 0.985554 | 1.014658 | 1.5364% | 1961 | 0.970640 | 1.030248 | 2.1586% | 1960 |
| 0.950130 | 1.052487 | -1.6655% | 1959 | 0.966223 | 1.034958 | 4.3080% | 1958 |
| 0.926317 | 1.079544 | 2.1130% | 1957 | 0.907149 | 1.102354 | 1.9895% | 1956 |
| 0.889454 | 1.124286 | 2.1231% | 1955 | 0.870962 | 1.148155 | 1.4496% | 1954 |
| 0.858517 | 1.164799 | 2.1573% | 1953 | 0.840388 | 1.189927 | 1.2298% | 1952 |
| 0.830179 | 1.204560 | 1.6814% | 1951 | 0.816451 | 1.224813 | 1.6233% | 1950 |
| 0.803410 | 1.244695 | 1.4265% | 1949 | 0.792110 | 1.262451 | 1.7790% | 1948 |
| 0.778264 | 1.284911 | 1.8242% | 1947 | 0.764322 | 1.308350 | -2.6320% | 1946 |
| 0.784983 | 1.273913 | 3.1768% | 1945 | 0.760813 | 1.314383 | 6.4754% | 1944 |
| 0.714544 | 1.399495 | -0.3437% | 1943 | 0.717008 | 1.394685 | 0.6562% | 1942 |
| 0.712333 | 1.403837 | 0.6633% | 1941 | 0.707640 | 1.413149 | -5.6614% | 1940 |
| 0.750106 | 1.333145 | 8.0381% | 1939 | 0.694298 | 1.440304 | 0.8126% | 1938 |
| 0.688701 | 1.452008 | 0.7762% | 1937 | 0.683396 | 1.463280 | 0.6029% | 1936 |
| 0.679301 | 1.472101 | 0.5244% | 1935 | 0.675757 | 1.479821 | -3.0364% | 1934 |
| 0.696918 | 1.434888 | 4.6271% | 1933 | 0.666097 | 1.501282 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.656952 | 1.522182 | -0.2051% | 1931 | 0.658302 | 1.519060 | 0.8886% | 1930 |
| 0.652504 | 1.532558 | 1.0126% | 1929 | 0.645963 | 1.548077 | 1.1526% | 1928 |
| 0.638602 | 1.565920 | 1.2160% | 1927 | 0.630930 | 1.584962 | 1.4086% | 1926 |
| 0.622166 | 1.607287 | 1.7667% | 1925 | 0.611366 | 1.635683 | 1.4465% | 1924 |
| 0.602648 | 1.659343 | 1.7700% | 1923 | 0.592167 | 1.688713 | 1.6165% | 1922 |
| 0.582747 | 1.716011 | 1.3736% | 1921 | 0.574850 | 1.739583 | 2.3393% | 1920 |
| 0.561710 | 1.780277 | 1.3140% | 1919 | 0.554425 | 1.803670 | 0.7676% | 1918 |
| 0.550201 | 1.817516 | 0.3870% | 1917 | 0.548080 | 1.824550 | 1.3274% | 1916 |
| 0.540900 | 1.848769 | 1.4083% | 1915 | 0.533389 | 1.874805 | 1.4458% | 1914 |
| 0.525787 | 1.901911 | 1.9424% | 1913 | 0.515769 | 1.938854 | 1.9857% | 1912 |
| 0.505727 | 1.977353 | 1.5634% | 1911 | 0.497942 | 2.008267 | 1.8169% | 1910 |
| 0.489056 | 2.044756 | 1.8781% | 1909 | 0.480041 | 2.083157 | 2.0082% | 1908 |
| 0.470590 | 2.124992 | 1.9603% | 1907 | 0.461543 | 2.166648 | 1.8264% | 1906 |
| 0.453264 | 2.206218 | 1.9357% | 1905 | 0.444657 | 2.248923 | 2.0148% | 1904 |
| 0.435875 | 2.294235 | 2.1335% | 1903 | 0.426770 | 2.343184 | 1.8151% | 1902 |
| 0.419161 | 2.385716 | 1.8943% | 1901 | 0.411369 | 2.430910 | 3.0255% | 1900 |
| 0.399288 | 2.504457 | 0.6278% | 1899 | 0.396797 | 2.520181 | 1.7757% | 1898 |
| 0.389874 | 2.564930 | 1.8078% | 1897 | 0.382951 | 2.611298 | 1.8396% | 1896 |
| 0.376034 | 2.659336 | 1.8755% | 1895 | 0.369111 | 2.709212 | 1.9114% | 1894 |
| 0.362188 | 2.760996 | 1.9486% | 1893 | 0.355265 | 2.814798 | 1.9858% | 1892 |
| 0.348348 | 2.870694 | 2.0276% | 1891 | 0.341425 | 2.928901 | 2.6465% | 1890 |
| 0.332622 | 3.006415 | 1.5328% | 1889 | 0.327601 | 3.052498 | 2.0811% | 1888 |
| 0.320922 | 3.116024 | 2.1599% | 1887 | 0.314137 | 3.183326 | 2.2075% | 1886 |
| 0.307352 | 3.253599 | 2.2592% | 1885 | 0.300562 | 3.327103 | 2.3095% | 1884 |
| 0.293777 | 3.403944 | 2.3641% | 1883 | 0.286992 | 3.484418 | 2.4214% | 1882 |
| 0.280207 | 3.568789 | 2.4815% | 1881 | 0.273422 | 3.657347 | 3.7644% | 1880 |
| 0.263503 | 3.795024 | 0.9432% | 1879 | 0.261041 | 3.830820 | 2.1464% | 1878 |
| 0.255555 | 3.913044 | 2.1913% | 1877 | 0.250076 | 3.998791 | 2.2426% | 1876 |
| 0.244590 | 4.088468 | 2.2941% | 1875 | 0.239105 | 4.182260 | 2.3456% | 1874 |
| 0.233625 | 4.280359 | 2.4043% | 1873 | 0.228140 | 4.383272 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.222655 | 4.491256 | 2.5258% | 1871 | 0.217170 | 4.604695 | 5.9947% | 1870 |
| 0.204887 | 4.880731 | -1.0968% | 1869 | 0.207159 | 4.827200 | 2.1930% | 1868 |
| 0.202714 | 4.933059 | 2.2394% | 1867 | 0.198274 | 5.043531 | 2.2935% | 1866 |
| 0.193828 | 5.159204 | 2.3445% | 1865 | 0.189388 | 5.280160 | 2.4037% | 1864 |
| 0.184943 | 5.407079 | 2.4599% | 1863 | 0.180503 | 5.540087 | 2.5250% | 1862 |
| 0.176057 | 5.679975 | 2.5872% | 1861 | 0.171617 | 5.826930 | 2.9504% | 1860 |
| 0.166699 | 5.998848 | 2.4012% | 1859 | 0.162790 | 6.142894 | 2.7627% | 1858 |
| 0.158413 | 6.312605 | 2.8412% | 1857 | 0.154037 | 6.491959 | 2.9243% | 1856 |
| 0.149660 | 6.681802 | 3.0161% | 1855 | 0.145278 | 6.883335 | 3.1061% | 1854 |
| 0.140902 | 7.097135 | 3.2056% | 1853 | 0.136525 | 7.324643 | 3.3118% | 1852 |
| 0.132149 | 7.567219 | 3.4252% | 1851 | 0.127772 | 7.826414 | 4.0106% | 1850 |
| 0.122846 | 8.140300 | 2.3254% | 1849 | 0.120054 | 8.329592 | 2.7841% | 1848 |
| 0.116802 | 8.561495 | 2.8590% | 1847 | 0.113555 | 8.806269 | 2.9432% | 1846 |
| 0.110309 | 9.065452 | 3.0324% | 1845 | 0.107062 | 9.340353 | 3.1325% | 1844 |
| 0.103810 | 9.632940 | 3.2284% | 1843 | 0.100564 | 9.943926 | 3.3361% | 1842 |
| 0.097317 | 10.275661 | 3.4512% | 1841 | 0.094071 | 10.630294 | 3.8105% | 1840 |
| 0.090618 | 11.035360 | 2.3861% | 1839 | 0.088506 | 11.298669 | 2.5824% | 1838 |
| 0.086278 | 11.590445 | 2.6573% | 1837 | 0.084045 | 11.898441 | 2.7232% | 1836 |
| 0.081817 | 12.222460 | 2.7994% | 1835 | 0.079589 | 12.564620 | 2.8871% | 1834 |
| 0.077355 | 12.927376 | 2.9657% | 1833 | 0.075127 | 13.310761 | 3.0563% | 1832 |
| 0.072899 | 13.717581 | 3.1604% | 1831 | 0.070666 | 14.151115 | 3.4660% | 1830 |
| 0.068299 | 14.641588 | 2.4653% | 1829 | 0.066655 | 15.002547 | 2.6804% | 1828 |
| 0.064915 | 15.404674 | 10.3427% | 1827 | 0.058831 | 16.997926 | -4.2314% | 1826 |
| 0.061430 | 16.278670 | 2.9150% | 1825 | 0.059690 | 16.753199 | 3.0026% | 1824 |
| 0.057950 | 17.256225 | 3.0955% | 1823 | 0.056210 | 17.790393 | 3.1944% | 1822 |
| 0.054470 | 18.358687 | 3.3102% | 1821 | 0.052725 | 18.966395 | 3.2277% | 1820 |
| 0.051076 | 19.578581 | 2.6573% | 1819 | 0.049754 | 20.098838 | 2.6261% | 1818 |
| 0.048481 | 20.626655 | 2.6969% | 1817 | 0.047208 | 21.182942 | 2.7717% | 1816 |
| 0.045935 | 21.770066 | 2.8507% | 1815 | 0.044661 | 22.390664 | 2.9343% | 1814 |
| 0.043388 | 23.047683 | 3.0231% | 1813 | 0.042115 | 23.744426 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.040847 | 24.481429 | 3.2172% | 1811 | 0.039574 | 25.269035 | 3.0969% | 1810 |
| 0.038385 | 26.051595 | 2.9144% | 1809 | 0.037298 | 26.810838 | 2.8225% | 1808 |
| 0.036275 | 27.567564 | 2.9199% | 1807 | 0.035245 | 28.372517 | 2.9918% | 1806 |
| 0.034222 | 29.221361 | 3.0841% | 1805 | 0.033198 | 30.122563 | 3.1822% | 1804 |
| 0.032174 | 31.081121 | 3.2868% | 1803 | 0.031150 | 32.102691 | 3.3985% | 1802 |
| 0.030126 | 33.193696 | 3.5180% | 1801 | 0.029102 | 34.361466 | 3.3999% | 1800 |
| 0.028145 | 35.529737 | 2.8419% | 1799 | 0.027368 | 36.539446 | 2.7485% | 1798 |
| 0.026636 | 37.543716 | 2.8261% | 1797 | 0.025904 | 38.604751 | 3.7832% | 1796 |
| 0.024959 | 40.065250 | 2.1272% | 1795 | 0.024439 | 40.917517 | 3.0879% | 1794 |
| 0.023707 | 42.181025 | 3.1625% | 1793 | 0.022981 | 43.515005 | 3.2904% | 1792 |
| 0.022249 | 44.946829 | 3.4024% | 1791 | 0.021516 | 46.476085 | 3.2296% | 1790 |
| 0.020843 | 47.977059 | 41.3145% | 1780 | 0.014750 | 67.798518 | 29.4353% | 1770 |
| 0.011395 | 87.755226 | 83.4728% | 1750 | 0.006211 | 161.007004 | 29.2845% | 1740 |
| 0.004804 | 208.157023 | 94.2514% | 1720 | 0.002473 | 404.347919 | 85.8111% | 1700 |
| 0.001331 | 751.323236 | 19.2490% | 1690 | 0.001116 | 895.945817 | 88.0250% | 1670 |
| 0.000594 | 1684.602324 | | | | | | |

BASE YEAR: 1962

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.622480 | 0.616341 | 8.2857% | 2001 | 1.498333 | 0.667408 | 1.0000% |
| 2000 | 1.483498 | 0.674083 | 1.0000% | 1999 | 1.468810 | 0.680823 | 1.0000% |
| 1998 | 1.454267 | 0.687632 | 1.0000% | 1997 | 1.439868 | 0.694508 | 1.0000% |
| 1996 | 1.425612 | 0.701453 | 1.0000% | 1995 | 1.411497 | 0.708468 | 0.9992% |
| 1994 | 1.397533 | 0.715547 | 1.0008% | 1993 | 1.383685 | 0.722708 | 1.0000% |
| 1992 | 1.369985 | 0.729935 | 0.9295% | 1991 | 1.357368 | 0.736720 | 1.2505% |
| 1990 | 1.340604 | 0.745932 | 0.7224% | 1989 | 1.330988 | 0.751321 | 1.1077% |
| 1988 | 1.316407 | 0.759644 | 0.8834% | 1987 | 1.304880 | 0.766354 | 0.5594% |
| 1986 | 1.297622 | 0.770641 | 1.3056% | 1985 | 1.280898 | 0.780702 | 0.7673% |
| 1984 | 1.271145 | 0.786693 | 0.8149% | 1983 | 1.260869 | 0.793104 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.248710 | 0.800827 | 0.9508% | 1981 | 1.236949 | 0.808441 | 0.9031% | 1980 |
| 1.225878 | 0.815742 | 2.2701% | 1979 | 1.198668 | 0.834259 | 1.0042% | 1978 |
| 1.186751 | 0.842637 | 0.9896% | 1977 | 1.175122 | 0.850976 | 0.9103% | 1976 |
| 1.164521 | 0.858722 | 0.8394% | 1975 | 1.154827 | 0.865931 | 0.9042% | 1974 |
| 1.144478 | 0.873760 | 1.1568% | 1973 | 1.131391 | 0.883868 | 0.9427% | 1972 |
| 1.120825 | 0.892200 | 0.7426% | 1971 | 1.112562 | 0.898826 | 1.4697% | 1970 |
| 1.096447 | 0.912036 | 0.6968% | 1969 | 1.088860 | 0.918392 | 0.8565% | 1968 |
| 1.079613 | 0.926258 | 1.5090% | 1967 | 1.063563 | 0.940236 | 0.9949% | 1966 |
| 1.053086 | 0.949590 | 1.0575% | 1965 | 1.042066 | 0.959632 | 1.1300% | 1964 |
| 1.030422 | 0.970476 | 1.5537% | 1963 | 1.014658 | 0.985554 | 1.4658% | 1962 |
| 1.000000 | 1.000000 | 1.5364% | 1961 | 0.984868 | 1.015364 | 2.1586% | 1960 |
| 0.964058 | 1.037282 | -1.6655% | 1959 | 0.980386 | 1.020007 | 4.3080% | 1958 |
| 0.939895 | 1.063948 | 2.1130% | 1957 | 0.920446 | 1.086429 | 1.9895% | 1956 |
| 0.902491 | 1.108044 | 2.1231% | 1955 | 0.883729 | 1.131569 | 1.4496% | 1954 |
| 0.871101 | 1.147972 | 2.1573% | 1953 | 0.852706 | 1.172737 | 1.2298% | 1952 |
| 0.842348 | 1.187158 | 1.6814% | 1951 | 0.828419 | 1.207119 | 1.6233% | 1950 |
| 0.815186 | 1.226714 | 1.4265% | 1949 | 0.803721 | 1.244213 | 1.7790% | 1948 |
| 0.789672 | 1.266348 | 1.8242% | 1947 | 0.775525 | 1.289449 | -2.6320% | 1946 |
| 0.796489 | 1.255510 | 3.1768% | 1945 | 0.771965 | 1.295395 | 6.4754% | 1944 |
| 0.725017 | 1.379277 | -0.3437% | 1943 | 0.727518 | 1.374537 | 0.6562% | 1942 |
| 0.722775 | 1.383557 | 0.6633% | 1941 | 0.718012 | 1.392734 | -5.6614% | 1940 |
| 0.761101 | 1.313885 | 8.0381% | 1939 | 0.704475 | 1.419497 | 0.8126% | 1938 |
| 0.698796 | 1.431032 | 0.7762% | 1937 | 0.693414 | 1.442141 | 0.6029% | 1936 |
| 0.689258 | 1.450835 | 0.5244% | 1935 | 0.685663 | 1.458443 | -3.0364% | 1934 |
| 0.707134 | 1.414159 | 4.6271% | 1933 | 0.675861 | 1.479594 | 1.3921% | 1932 |
| 0.666581 | 1.500192 | -0.2051% | 1931 | 0.667951 | 1.497115 | 0.8886% | 1930 |
| 0.662068 | 1.510418 | 1.0126% | 1929 | 0.655431 | 1.525713 | 1.1526% | 1928 |
| 0.647963 | 1.543298 | 1.2160% | 1927 | 0.640178 | 1.562064 | 1.4086% | 1926 |
| 0.631286 | 1.584067 | 1.7667% | 1925 | 0.620327 | 1.612053 | 1.4465% | 1924 |
| 0.611482 | 1.635371 | 1.7700% | 1923 | 0.600847 | 1.664317 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.591289 | 1.691221 | 1.3736% | 1921 | 0.583277 | 1.714452 | 2.3393% | 1920 |
| 0.569944 | 1.754559 | 1.3140% | 1919 | 0.562552 | 1.777614 | 0.7676% | 1918 |
| 0.558266 | 1.791260 | 0.3870% | 1917 | 0.556114 | 1.798191 | 1.3274% | 1916 |
| 0.548829 | 1.822061 | 1.4083% | 1915 | 0.541207 | 1.847721 | 1.4458% | 1914 |
| 0.533494 | 1.874436 | 1.9424% | 1913 | 0.523329 | 1.910844 | 1.9857% | 1912 |
| 0.513140 | 1.948787 | 1.5634% | 1911 | 0.505241 | 1.979255 | 1.8169% | 1910 |
| 0.496225 | 2.015216 | 1.8781% | 1909 | 0.487077 | 2.053063 | 2.0082% | 1908 |
| 0.477488 | 2.094294 | 1.9603% | 1907 | 0.468308 | 2.135347 | 1.8264% | 1906 |
| 0.459908 | 2.174346 | 1.9357% | 1905 | 0.451175 | 2.216434 | 2.0148% | 1904 |
| 0.442264 | 2.261092 | 2.1335% | 1903 | 0.433025 | 2.309333 | 1.8151% | 1902 |
| 0.425306 | 2.351251 | 1.8943% | 1901 | 0.417399 | 2.395792 | 3.0255% | 1900 |
| 0.405141 | 2.468276 | 0.6278% | 1899 | 0.402613 | 2.483773 | 1.7757% | 1898 |
| 0.395589 | 2.527876 | 1.8078% | 1897 | 0.388565 | 2.573574 | 1.8396% | 1896 |
| 0.381546 | 2.620918 | 1.8755% | 1895 | 0.374521 | 2.670074 | 1.9114% | 1894 |
| 0.367497 | 2.721109 | 1.9486% | 1893 | 0.360473 | 2.774134 | 1.9858% | 1892 |
| 0.353454 | 2.829223 | 2.0276% | 1891 | 0.346430 | 2.886589 | 2.6465% | 1890 |
| 0.337498 | 2.962983 | 1.5328% | 1889 | 0.332403 | 3.008400 | 2.0811% | 1888 |
| 0.325626 | 3.071009 | 2.1599% | 1887 | 0.318742 | 3.137338 | 2.2075% | 1886 |
| 0.311857 | 3.206596 | 2.2592% | 1885 | 0.304967 | 3.279038 | 2.3095% | 1884 |
| 0.298083 | 3.354769 | 2.3641% | 1883 | 0.291199 | 3.434080 | 2.4214% | 1882 |
| 0.284314 | 3.517233 | 2.4815% | 1881 | 0.277430 | 3.604512 | 3.7644% | 1880 |
| 0.267365 | 3.740200 | 0.9432% | 1879 | 0.264867 | 3.775479 | 2.1464% | 1878 |
| 0.259301 | 3.856515 | 2.1913% | 1877 | 0.253741 | 3.941023 | 2.2426% | 1876 |
| 0.248176 | 4.029404 | 2.2941% | 1875 | 0.242610 | 4.121841 | 2.3456% | 1874 |
| 0.237050 | 4.218523 | 2.4043% | 1873 | 0.231484 | 4.319950 | 2.4635% | 1872 |
| 0.225919 | 4.426374 | 2.5258% | 1871 | 0.220353 | 4.538174 | 5.9947% | 1870 |
| 0.207891 | 4.810222 | -1.0968% | 1869 | 0.210196 | 4.757465 | 2.1930% | 1868 |
| 0.205685 | 4.861794 | 2.2394% | 1867 | 0.201180 | 4.970670 | 2.2935% | 1866 |
| 0.196670 | 5.084672 | 2.3445% | 1865 | 0.192164 | 5.203881 | 2.4037% | 1864 |
| 0.187654 | 5.328966 | 2.4599% | 1863 | 0.183148 | 5.460053 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.178638 | 5.597919 | 2.5872% | 1861 | 0.174133 | 5.742751 | 2.9504% | 1860 |
| 0.169142 | 5.912186 | 2.4012% | 1859 | 0.165176 | 6.054152 | 2.7627% | 1858 |
| 0.160735 | 6.221410 | 2.8412% | 1857 | 0.156295 | 6.398173 | 2.9243% | 1856 |
| 0.151854 | 6.585274 | 3.0161% | 1855 | 0.147408 | 6.783895 | 3.1061% | 1854 |
| 0.142967 | 6.994607 | 3.2056% | 1853 | 0.138527 | 7.218828 | 3.3118% | 1852 |
| 0.134086 | 7.457900 | 3.4252% | 1851 | 0.129645 | 7.713350 | 4.0106% | 1850 |
| 0.124646 | 8.022702 | 2.3254% | 1849 | 0.121814 | 8.209259 | 2.7841% | 1848 |
| 0.118514 | 8.437812 | 2.8590% | 1847 | 0.115220 | 8.679050 | 2.9432% | 1846 |
| 0.111926 | 8.934488 | 3.0324% | 1845 | 0.108632 | 9.205418 | 3.1325% | 1844 |
| 0.105332 | 9.493778 | 3.2284% | 1843 | 0.102038 | 9.800272 | 3.3361% | 1842 |
| 0.098744 | 10.127214 | 3.4512% | 1841 | 0.095450 | 10.476724 | 3.8105% | 1840 |
| 0.091946 | 10.875939 | 2.3861% | 1839 | 0.089803 | 11.135444 | 2.5824% | 1838 |
| 0.087543 | 11.423005 | 2.6573% | 1837 | 0.085277 | 11.726551 | 2.7232% | 1836 |
| 0.083016 | 12.045889 | 2.7994% | 1835 | 0.080755 | 12.383107 | 2.8871% | 1834 |
| 0.078489 | 12.740622 | 2.9657% | 1833 | 0.076228 | 13.118468 | 3.0563% | 1832 |
| 0.073968 | 13.519411 | 3.1604% | 1831 | 0.071702 | 13.946682 | 3.4660% | 1830 |
| 0.069300 | 14.430069 | 2.4653% | 1829 | 0.067632 | 14.785814 | 2.6804% | 1828 |
| 0.065867 | 15.182132 | 10.3427% | 1827 | 0.059693 | 16.752367 | -4.2314% | 1826 |
| 0.062331 | 16.043502 | 2.9150% | 1825 | 0.060565 | 16.511176 | 3.0026% | 1824 |
| 0.058800 | 17.006934 | 3.0955% | 1823 | 0.057034 | 17.533385 | 3.1944% | 1822 |
| 0.055269 | 18.093470 | 3.3102% | 1821 | 0.053498 | 18.692399 | 3.2277% | 1820 |
| 0.051825 | 19.295740 | 2.6573% | 1819 | 0.050483 | 19.808482 | 2.6261% | 1818 |
| 0.049192 | 20.328674 | 2.6969% | 1817 | 0.047900 | 20.876924 | 2.7717% | 1816 |
| 0.046608 | 21.455566 | 2.8507% | 1815 | 0.045316 | 22.067199 | 2.9343% | 1814 |
| 0.044024 | 22.714727 | 3.0231% | 1813 | 0.042732 | 23.401404 | 3.1039% | 1812 |
| 0.041446 | 24.127760 | 3.2172% | 1811 | 0.040154 | 24.903988 | 3.0969% | 1810 |
| 0.038948 | 25.675243 | 2.9144% | 1809 | 0.037845 | 26.423517 | 2.8225% | 1808 |
| 0.036806 | 27.169311 | 2.9199% | 1807 | 0.035762 | 27.962635 | 2.9918% | 1806 |
| 0.034723 | 28.799217 | 3.0841% | 1805 | 0.033684 | 29.687400 | 3.1822% | 1804 |
| 0.032645 | 30.632110 | 3.2868% | 1803 | 0.031607 | 31.638922 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.030568 | 32.714166 | 3.5180% | 1801 | 0.029529 | 33.865066 | 3.3999% | 1800 |
| 0.028558 | 35.016460 | 2.8419% | 1799 | 0.027769 | 36.011582 | 2.7485% | 1798 |
| 0.027026 | 37.001344 | 2.8261% | 1797 | 0.026283 | 38.047051 | 3.7832% | 1796 |
| 0.025325 | 39.486451 | 2.1272% | 1795 | 0.024798 | 40.326405 | 3.0879% | 1794 |
| 0.024055 | 41.571660 | 3.1625% | 1793 | 0.023317 | 42.886369 | 3.2904% | 1792 |
| 0.022575 | 44.297508 | 3.4024% | 1791 | 0.021832 | 45.804672 | 3.2296% | 1790 |
| 0.021149 | 47.283963 | 41.3145% | 1780 | 0.014966 | 66.819073 | 29.4353% | 1770 |
| 0.011562 | 86.487477 | 83.4728% | 1750 | 0.006302 | 158.681030 | 29.2845% | 1740 |
| 0.004874 | 205.149901 | 94.2514% | 1720 | 0.002509 | 398.506542 | 85.8111% | 1700 |
| 0.001350 | 740.469310 | 19.2490% | 1690 | 0.001132 | 883.002614 | 88.0250% | 1670 |
| 0.000602 | 1660.265862 | | | | | | |

BASE YEAR: 1961

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.647408 | 0.607014 | 8.2857% | 2001 | 1.521354 | 0.657309 | 1.0000% |
| 2000 | 1.506291 | 0.663882 | 1.0000% | 1999 | 1.491377 | 0.670521 | 1.0000% |
| 1998 | 1.476611 | 0.677227 | 1.0000% | 1997 | 1.461991 | 0.683999 | 1.0000% |
| 1996 | 1.447516 | 0.690839 | 1.0000% | 1995 | 1.433184 | 0.697747 | 0.9992% |
| 1994 | 1.419005 | 0.704719 | 1.0008% | 1993 | 1.404945 | 0.711772 | 1.0000% |
| 1992 | 1.391034 | 0.718890 | 0.9295% | 1991 | 1.378224 | 0.725572 | 1.2505% |
| 1990 | 1.361201 | 0.734645 | 0.7224% | 1989 | 1.351438 | 0.739953 | 1.1077% |
| 1988 | 1.336633 | 0.748149 | 0.8834% | 1987 | 1.324929 | 0.754758 | 0.5594% |
| 1986 | 1.317559 | 0.758979 | 1.3056% | 1985 | 1.300578 | 0.768889 | 0.7673% |
| 1984 | 1.290675 | 0.774788 | 0.8149% | 1983 | 1.280242 | 0.781103 | 0.9737% |
| 1982 | 1.267895 | 0.788709 | 0.9508% | 1981 | 1.255954 | 0.796208 | 0.9031% |
| 1980 | 1.244713 | 0.803398 | 2.2701% | 1979 | 1.217085 | 0.821636 | 1.0042% |
| 1978 | 1.204984 | 0.829886 | 0.9896% | 1977 | 1.193177 | 0.838099 | 0.9103% |
| 1976 | 1.182413 | 0.845728 | 0.8394% | 1975 | 1.172570 | 0.852828 | 0.9042% |
| 1974 | 1.162063 | 0.860539 | 1.1568% | 1973 | 1.148774 | 0.870493 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.138045 | 0.878700 | 0.7426% | 1971 | 1.129656 | 0.885225 | 1.4697% | 1970 |
| 1.113294 | 0.898236 | 0.6968% | 1969 | 1.105590 | 0.904495 | 0.8565% | 1968 |
| 1.096200 | 0.912242 | 1.5090% | 1967 | 1.079904 | 0.926008 | 0.9949% | 1966 |
| 1.069266 | 0.935221 | 1.0575% | 1965 | 1.058077 | 0.945111 | 1.1300% | 1964 |
| 1.046254 | 0.955791 | 1.5537% | 1963 | 1.030248 | 0.970640 | 1.4658% | 1962 |
| 1.015364 | 0.984868 | 1.5364% | 1961 | 1.000000 | 1.000000 | 2.1586% | 1960 |
| 0.978870 | 1.021586 | -1.6655% | 1959 | 0.995449 | 1.004572 | 4.3080% | 1958 |
| 0.954336 | 1.047849 | 2.1130% | 1957 | 0.934589 | 1.069990 | 1.9895% | 1956 |
| 0.916358 | 1.091277 | 2.1231% | 1955 | 0.897307 | 1.114446 | 1.4496% | 1954 |
| 0.884485 | 1.130601 | 2.1573% | 1953 | 0.865808 | 1.154991 | 1.2298% | 1952 |
| 0.855290 | 1.169194 | 1.6814% | 1951 | 0.841147 | 1.188853 | 1.6233% | 1950 |
| 0.827711 | 1.208151 | 1.4265% | 1949 | 0.816069 | 1.225386 | 1.7790% | 1948 |
| 0.801805 | 1.247186 | 1.8242% | 1947 | 0.787441 | 1.269937 | -2.6320% | 1946 |
| 0.808727 | 1.236512 | 3.1768% | 1945 | 0.783826 | 1.275793 | 6.4754% | 1944 |
| 0.736157 | 1.358406 | -0.3437% | 1943 | 0.738696 | 1.353738 | 0.6562% | 1942 |
| 0.733880 | 1.362621 | 0.6633% | 1941 | 0.729044 | 1.371659 | -5.6614% | 1940 |
| 0.772795 | 1.294004 | 8.0381% | 1939 | 0.715299 | 1.398017 | 0.8126% | 1938 |
| 0.709533 | 1.409378 | 0.7762% | 1937 | 0.704068 | 1.420318 | 0.6029% | 1936 |
| 0.699848 | 1.428881 | 0.5244% | 1935 | 0.696198 | 1.436374 | -3.0364% | 1934 |
| 0.717999 | 1.392760 | 4.6271% | 1933 | 0.686245 | 1.457205 | 1.3921% | 1932 |
| 0.676823 | 1.477491 | -0.2051% | 1931 | 0.678214 | 1.474461 | 0.8886% | 1930 |
| 0.672240 | 1.487563 | 1.0126% | 1929 | 0.665502 | 1.502626 | 1.1526% | 1928 |
| 0.657919 | 1.519945 | 1.2160% | 1927 | 0.650014 | 1.538428 | 1.4086% | 1926 |
| 0.640986 | 1.560098 | 1.7667% | 1925 | 0.629858 | 1.587660 | 1.4465% | 1924 |
| 0.620877 | 1.610625 | 1.7700% | 1923 | 0.610079 | 1.639133 | 1.6165% | 1922 |
| 0.600374 | 1.665630 | 1.3736% | 1921 | 0.592238 | 1.688510 | 2.3393% | 1920 |
| 0.578701 | 1.728009 | 1.3140% | 1919 | 0.571195 | 1.750715 | 0.7676% | 1918 |
| 0.566844 | 1.764154 | 0.3870% | 1917 | 0.564659 | 1.770982 | 1.3274% | 1916 |
| 0.557261 | 1.794490 | 1.4083% | 1915 | 0.549522 | 1.819762 | 1.4458% | 1914 |
| 0.541691 | 1.846072 | 1.9424% | 1913 | 0.531369 | 1.881930 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.521024 | 1.919299 | 1.5634% | 1911 | 0.513003 | 1.949305 | 1.8169% | 1910 |
| 0.503849 | 1.984722 | 1.8781% | 1909 | 0.494561 | 2.021997 | 2.0082% | 1908 |
| 0.484824 | 2.062603 | 1.9603% | 1907 | 0.475503 | 2.103035 | 1.8264% | 1906 |
| 0.466975 | 2.141444 | 1.9357% | 1905 | 0.458107 | 2.182896 | 2.0148% | 1904 |
| 0.449059 | 2.226877 | 2.1335% | 1903 | 0.439679 | 2.274388 | 1.8151% | 1902 |
| 0.431840 | 2.315672 | 1.8943% | 1901 | 0.423812 | 2.359539 | 3.0255% | 1900 |
| 0.411366 | 2.430927 | 0.6278% | 1899 | 0.408799 | 2.446189 | 1.7757% | 1898 |
| 0.401667 | 2.489625 | 1.8078% | 1897 | 0.394535 | 2.534631 | 1.8396% | 1896 |
| 0.387408 | 2.581258 | 1.8755% | 1895 | 0.380276 | 2.629671 | 1.9114% | 1894 |
| 0.373144 | 2.679934 | 1.9486% | 1893 | 0.366011 | 2.732156 | 1.9858% | 1892 |
| 0.358885 | 2.786412 | 2.0276% | 1891 | 0.351752 | 2.842910 | 2.6465% | 1890 |
| 0.342683 | 2.918148 | 1.5328% | 1889 | 0.337510 | 2.962877 | 2.0811% | 1888 |
| 0.330629 | 3.024539 | 2.1599% | 1887 | 0.323639 | 3.089864 | 2.2075% | 1886 |
| 0.316649 | 3.158074 | 2.2592% | 1885 | 0.309653 | 3.229420 | 2.3095% | 1884 |
| 0.302663 | 3.304005 | 2.3641% | 1883 | 0.295673 | 3.382116 | 2.4214% | 1882 |
| 0.288683 | 3.464011 | 2.4815% | 1881 | 0.281693 | 3.549969 | 3.7644% | 1880 |
| 0.271473 | 3.683604 | 0.9432% | 1879 | 0.268937 | 3.718349 | 2.1464% | 1878 |
| 0.263285 | 3.798159 | 2.1913% | 1877 | 0.257640 | 3.881388 | 2.2426% | 1876 |
| 0.251989 | 3.968432 | 2.2941% | 1875 | 0.246338 | 4.059470 | 2.3456% | 1874 |
| 0.240692 | 4.154689 | 2.4043% | 1873 | 0.235041 | 4.254581 | 2.4635% | 1872 |
| 0.229390 | 4.359394 | 2.5258% | 1871 | 0.223739 | 4.469503 | 5.9947% | 1870 |
| 0.211085 | 4.737435 | -1.0968% | 1869 | 0.213426 | 4.685475 | 2.1930% | 1868 |
| 0.208846 | 4.788227 | 2.2394% | 1867 | 0.204271 | 4.895454 | 2.2935% | 1866 |
| 0.199691 | 5.007732 | 2.3445% | 1865 | 0.195117 | 5.125137 | 2.4037% | 1864 |
| 0.190537 | 5.248329 | 2.4599% | 1863 | 0.185962 | 5.377432 | 2.5250% | 1862 |
| 0.181382 | 5.513213 | 2.5872% | 1861 | 0.176808 | 5.655853 | 2.9504% | 1860 |
| 0.171741 | 5.822724 | 2.4012% | 1859 | 0.167714 | 5.962541 | 2.7627% | 1858 |
| 0.163205 | 6.127269 | 2.8412% | 1857 | 0.158696 | 6.301357 | 2.9243% | 1856 |
| 0.154187 | 6.485627 | 3.0161% | 1855 | 0.149673 | 6.681242 | 3.1061% | 1854 |
| 0.145164 | 6.888765 | 3.2056% | 1853 | 0.140655 | 7.109594 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.136146 | 7.345048 | 3.4252% | 1851 | 0.131637 | 7.596633 | 4.0106% | 1850 |
| 0.126561 | 7.901304 | 2.3254% | 1849 | 0.123685 | 8.085038 | 2.7841% | 1848 |
| 0.120335 | 8.310133 | 2.8590% | 1847 | 0.116990 | 8.547720 | 2.9432% | 1846 |
| 0.113645 | 8.799293 | 3.0324% | 1845 | 0.110301 | 9.066123 | 3.1325% | 1844 |
| 0.106950 | 9.350120 | 3.2284% | 1843 | 0.103606 | 9.651976 | 3.3361% | 1842 |
| 0.100261 | 9.973971 | 3.4512% | 1841 | 0.096916 | 10.318192 | 3.8105% | 1840 |
| 0.093359 | 10.711366 | 2.3861% | 1839 | 0.091183 | 10.966944 | 2.5824% | 1838 |
| 0.088888 | 11.250154 | 2.6573% | 1837 | 0.086587 | 11.549107 | 2.7232% | 1836 |
| 0.084291 | 11.863613 | 2.7994% | 1835 | 0.081996 | 12.195728 | 2.8871% | 1834 |
| 0.079695 | 12.547833 | 2.9657% | 1833 | 0.077400 | 12.919962 | 3.0563% | 1832 |
| 0.075104 | 13.314838 | 3.1604% | 1831 | 0.072803 | 13.735643 | 3.4660% | 1830 |
| 0.070364 | 14.211716 | 2.4653% | 1829 | 0.068672 | 14.562077 | 2.6804% | 1828 |
| 0.066879 | 14.952398 | 10.3427% | 1827 | 0.060610 | 16.498873 | -4.2314% | 1826 |
| 0.063288 | 15.800734 | 2.9150% | 1825 | 0.061496 | 16.261331 | 3.0026% | 1824 |
| 0.059703 | 16.749588 | 3.0955% | 1823 | 0.057910 | 17.268073 | 3.1944% | 1822 |
| 0.056118 | 17.819683 | 3.3102% | 1821 | 0.054320 | 18.409548 | 3.2277% | 1820 |
| 0.052621 | 19.003760 | 2.6573% | 1819 | 0.051259 | 19.508743 | 2.6261% | 1818 |
| 0.049947 | 20.021064 | 2.6969% | 1817 | 0.048636 | 20.561018 | 2.7717% | 1816 |
| 0.047324 | 21.130904 | 2.8507% | 1815 | 0.046012 | 21.733282 | 2.9343% | 1814 |
| 0.044701 | 22.371011 | 3.0231% | 1813 | 0.043389 | 23.047298 | 3.1039% | 1812 |
| 0.042083 | 23.762662 | 3.2172% | 1811 | 0.040771 | 24.527145 | 3.0969% | 1810 |
| 0.039546 | 25.286730 | 2.9144% | 1809 | 0.038427 | 26.023681 | 2.8225% | 1808 |
| 0.037372 | 26.758190 | 2.9199% | 1807 | 0.036311 | 27.539509 | 2.9918% | 1806 |
| 0.035257 | 28.363432 | 3.0841% | 1805 | 0.034202 | 29.238175 | 3.1822% | 1804 |
| 0.033147 | 30.168590 | 3.2868% | 1803 | 0.032092 | 31.160167 | 3.3985% | 1802 |
| 0.031037 | 32.219141 | 3.5180% | 1801 | 0.029983 | 33.352625 | 3.3999% | 1800 |
| 0.028997 | 34.486596 | 2.8419% | 1799 | 0.028195 | 35.466660 | 2.7485% | 1798 |
| 0.027441 | 36.441446 | 2.8261% | 1797 | 0.026687 | 37.471329 | 3.7832% | 1796 |
| 0.025714 | 38.888948 | 2.1272% | 1795 | 0.025179 | 39.716193 | 3.0879% | 1794 |
| 0.024424 | 40.942605 | 3.1625% | 1793 | 0.023676 | 42.237419 | 3.2904% | 1792 |

0.022921 43.627206 3.4024% 1791 0.022167 45.111563 3.2296% 1790
0.021474 46.568470 41.3145% 1780 0.015196 65.807977 29.4353% 1770
0.011740 85.178763 83.4728% 1750 0.006399 156.279894 29.2845% 1740
0.004949 202.045605 94.2514% 1720 0.002548 392.476405 85.8111%
1700 0.001371 729.264647 19.2490% 1690 0.001150 869.641160
88.0250% 1670 0.000612 1635.142985

BASE YEAR: 1960

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.682970 0.594188 8.2857% 2001 1.554194 0.643420 1.0000%
2000 1.538806 0.649854 1.0000% 1999 1.523570 0.656353 1.0000% 1998
1.508486 0.662917 1.0000% 1997 1.493550 0.669546 1.0000% 1996
1.478762 0.676241 1.0000% 1995 1.464121 0.683004 0.9992% 1994
1.449636 0.689828 1.0008% 1993 1.435272 0.696732 1.0000% 1992
1.421062 0.703699 0.9295% 1991 1.407974 0.710240 1.2505% 1990
1.390585 0.719122 0.7224% 1989 1.380611 0.724317 1.1077% 1988
1.365486 0.732340 0.8834% 1987 1.353529 0.738809 0.5594% 1986
1.346000 0.742942 1.3056% 1985 1.328653 0.752642 0.7673% 1984
1.318536 0.758417 0.8149% 1983 1.307877 0.764598 0.9737% 1982
1.295265 0.772043 0.9508% 1981 1.283065 0.779384 0.9031% 1980
1.271582 0.786422 2.2701% 1979 1.243357 0.804274 1.0042% 1978
1.230996 0.812351 0.9896% 1977 1.218933 0.820390 0.9103% 1976
1.207937 0.827858 0.8394% 1975 1.197881 0.834807 0.9042% 1974
1.187147 0.842355 1.1568% 1973 1.173572 0.852100 0.9427% 1972
1.162612 0.860132 0.7426% 1971 1.154041 0.866520 1.4697% 1970
1.137326 0.879256 0.6968% 1969 1.129455 0.885383 0.8565% 1968
1.119863 0.892966 1.5090% 1967 1.103215 0.906441 0.9949% 1966
1.092347 0.915460 1.0575% 1965 1.080917 0.925140 1.1300% 1964
1.068839 0.935595 1.5537% 1963 1.052487 0.950130 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.037282 | 0.964058 | 1.5364% | 1961 | 1.021586 | 0.978870 | 2.1586% | 1960 |
| 1.000000 | 1.000000 | -1.6655% | 1959 | 1.016937 | 0.983345 | 4.3080% | 1958 |
| 0.974937 | 1.025708 | 2.1130% | 1957 | 0.954763 | 1.047380 | 1.9895% | 1956 |
| 0.936139 | 1.068218 | 2.1231% | 1955 | 0.916677 | 1.090897 | 1.4496% | 1954 |
| 0.903578 | 1.106711 | 2.1573% | 1953 | 0.884497 | 1.130586 | 1.2298% | 1952 |
| 0.873752 | 1.144489 | 1.6814% | 1951 | 0.859304 | 1.163732 | 1.6233% | 1950 |
| 0.845578 | 1.182623 | 1.4265% | 1949 | 0.833685 | 1.199493 | 1.7790% | 1948 |
| 0.819113 | 1.220833 | 1.8242% | 1947 | 0.804439 | 1.243103 | -2.6320% | 1946 |
| 0.826184 | 1.210384 | 3.1768% | 1945 | 0.800746 | 1.248835 | 6.4754% | 1944 |
| 0.752048 | 1.329703 | -0.3437% | 1943 | 0.754641 | 1.325133 | 0.6562% | 1942 |
| 0.749722 | 1.333829 | 0.6633% | 1941 | 0.744781 | 1.342676 | -5.6614% | 1940 |
| 0.789477 | 1.266661 | 8.0381% | 1939 | 0.730739 | 1.368477 | 0.8126% | 1938 |
| 0.724849 | 1.379597 | 0.7762% | 1937 | 0.719266 | 1.390307 | 0.6029% | 1936 |
| 0.714956 | 1.398688 | 0.5244% | 1935 | 0.711226 | 1.406023 | -3.0364% | 1934 |
| 0.733498 | 1.363331 | 4.6271% | 1933 | 0.701059 | 1.426414 | 1.3921% | 1932 |
| 0.691433 | 1.446271 | -0.2051% | 1931 | 0.692854 | 1.443305 | 0.8886% | 1930 |
| 0.686752 | 1.456130 | 1.0126% | 1929 | 0.679867 | 1.470875 | 1.1526% | 1928 |
| 0.672121 | 1.487828 | 1.2160% | 1927 | 0.664046 | 1.505920 | 1.4086% | 1926 |
| 0.654822 | 1.527132 | 1.7667% | 1925 | 0.643454 | 1.554112 | 1.4465% | 1924 |
| 0.634279 | 1.576592 | 1.7700% | 1923 | 0.623248 | 1.604497 | 1.6165% | 1922 |
| 0.613333 | 1.630434 | 1.3736% | 1921 | 0.605023 | 1.652831 | 2.3393% | 1920 |
| 0.591193 | 1.691496 | 1.3140% | 1919 | 0.583525 | 1.713722 | 0.7676% | 1918 |
| 0.579080 | 1.726877 | 0.3870% | 1917 | 0.576848 | 1.733560 | 1.3274% | 1916 |
| 0.569291 | 1.756572 | 1.4083% | 1915 | 0.561385 | 1.781310 | 1.4458% | 1914 |
| 0.553384 | 1.807064 | 1.9424% | 1913 | 0.542840 | 1.842164 | 1.9857% | 1912 |
| 0.532271 | 1.878743 | 1.5634% | 1911 | 0.524077 | 1.908116 | 1.8169% | 1910 |
| 0.514725 | 1.942785 | 1.8781% | 1909 | 0.505236 | 1.979271 | 2.0082% | 1908 |
| 0.495290 | 2.019020 | 1.9603% | 1907 | 0.485768 | 2.058598 | 1.8264% | 1906 |
| 0.477055 | 2.096195 | 1.9357% | 1905 | 0.467996 | 2.136771 | 2.0148% | 1904 |
| 0.458753 | 2.179823 | 2.1335% | 1903 | 0.449170 | 2.226330 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.441162 | 2.266741 | 1.8943% | 1901 | 0.432960 | 2.309681 | 3.0255% | 1900 |
| 0.420246 | 2.379561 | 0.6278% | 1899 | 0.417624 | 2.394500 | 1.7757% | 1898 |
| 0.410337 | 2.437019 | 1.8078% | 1897 | 0.403051 | 2.481074 | 1.8396% | 1896 |
| 0.395771 | 2.526716 | 1.8755% | 1895 | 0.388485 | 2.574105 | 1.9114% | 1894 |
| 0.381198 | 2.623306 | 1.9486% | 1893 | 0.373912 | 2.674425 | 1.9858% | 1892 |
| 0.366632 | 2.727534 | 2.0276% | 1891 | 0.359345 | 2.782838 | 2.6465% | 1890 |
| 0.350080 | 2.856486 | 1.5328% | 1889 | 0.344795 | 2.900271 | 2.0811% | 1888 |
| 0.337766 | 2.960629 | 2.1599% | 1887 | 0.330625 | 3.024575 | 2.2075% | 1886 |
| 0.323484 | 3.091343 | 2.2592% | 1885 | 0.316337 | 3.161182 | 2.3095% | 1884 |
| 0.309196 | 3.234191 | 2.3641% | 1883 | 0.302055 | 3.310651 | 2.4214% | 1882 |
| 0.294914 | 3.390815 | 2.4815% | 1881 | 0.287773 | 3.474957 | 3.7644% | 1880 |
| 0.277333 | 3.605768 | 0.9432% | 1879 | 0.274742 | 3.639779 | 2.1464% | 1878 |
| 0.268969 | 3.717903 | 2.1913% | 1877 | 0.263201 | 3.799373 | 2.2426% | 1876 |
| 0.257428 | 3.884578 | 2.2941% | 1875 | 0.251655 | 3.973692 | 2.3456% | 1874 |
| 0.245888 | 4.066899 | 2.4043% | 1873 | 0.240114 | 4.164680 | 2.4635% | 1872 |
| 0.234341 | 4.267279 | 2.5258% | 1871 | 0.228568 | 4.375061 | 5.9947% | 1870 |
| 0.215641 | 4.637332 | -1.0968% | 1869 | 0.218033 | 4.586470 | 2.1930% | 1868 |
| 0.213354 | 4.687050 | 2.2394% | 1867 | 0.208681 | 4.792012 | 2.2935% | 1866 |
| 0.204002 | 4.901917 | 2.3445% | 1865 | 0.199329 | 5.016841 | 2.4037% | 1864 |
| 0.194650 | 5.137431 | 2.4599% | 1863 | 0.189977 | 5.263805 | 2.5250% | 1862 |
| 0.185298 | 5.396717 | 2.5872% | 1861 | 0.180625 | 5.536343 | 2.9504% | 1860 |
| 0.175448 | 5.699688 | 2.4012% | 1859 | 0.171334 | 5.836551 | 2.7627% | 1858 |
| 0.166728 | 5.997798 | 2.8412% | 1857 | 0.162122 | 6.168208 | 2.9243% | 1856 |
| 0.157515 | 6.348584 | 3.0161% | 1855 | 0.152904 | 6.540066 | 3.1061% | 1854 |
| 0.148297 | 6.743204 | 3.2056% | 1853 | 0.143691 | 6.959366 | 3.3118% | 1852 |
| 0.139085 | 7.189846 | 3.4252% | 1851 | 0.134479 | 7.436114 | 4.0106% | 1850 |
| 0.129293 | 7.734347 | 2.3254% | 1849 | 0.126355 | 7.914199 | 2.7841% | 1848 |
| 0.122933 | 8.134537 | 2.8590% | 1847 | 0.119516 | 8.367105 | 2.9432% | 1846 |
| 0.116099 | 8.613362 | 3.0324% | 1845 | 0.112682 | 8.874554 | 3.1325% | 1844 |
| 0.109259 | 9.152550 | 3.2284% | 1843 | 0.105842 | 9.448027 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.102425 | 9.763218 | 3.4512% | 1841 | 0.099008 | 10.100166 | 3.8105% | 1840 |
| 0.095374 | 10.485032 | 2.3861% | 1839 | 0.093151 | 10.735210 | 2.5824% | 1838 |
| 0.090806 | 11.012435 | 2.6573% | 1837 | 0.088456 | 11.305071 | 2.7232% | 1836 |
| 0.086111 | 11.612931 | 2.7994% | 1835 | 0.083766 | 11.938029 | 2.8871% | 1834 |
| 0.081415 | 12.282694 | 2.9657% | 1833 | 0.079070 | 12.646960 | 3.0563% | 1832 |
| 0.076725 | 13.033492 | 3.1604% | 1831 | 0.074375 | 13.445405 | 3.4660% | 1830 |
| 0.071883 | 13.911418 | 2.4653% | 1829 | 0.070154 | 14.254377 | 2.6804% | 1828 |
| 0.068323 | 14.636450 | 10.3427% | 1827 | 0.061919 | 16.150247 | -4.2314% | 1826 |
| 0.064654 | 15.466860 | 2.9150% | 1825 | 0.062823 | 15.917725 | 3.0026% | 1824 |
| 0.060992 | 16.395665 | 3.0955% | 1823 | 0.059160 | 16.903194 | 3.1944% | 1822 |
| 0.057329 | 17.443148 | 3.3102% | 1821 | 0.055492 | 18.020550 | 3.2277% | 1820 |
| 0.053757 | 18.602206 | 2.6573% | 1819 | 0.052366 | 19.096518 | 2.6261% | 1818 |
| 0.051026 | 19.598013 | 2.6969% | 1817 | 0.049686 | 20.126558 | 2.7717% | 1816 |
| 0.048346 | 20.684403 | 2.8507% | 1815 | 0.047006 | 21.274052 | 2.9343% | 1814 |
| 0.045666 | 21.898306 | 3.0231% | 1813 | 0.044326 | 22.560303 | 3.1039% | 1812 |
| 0.042991 | 23.260551 | 3.2172% | 1811 | 0.041651 | 24.008880 | 3.0969% | 1810 |
| 0.040400 | 24.752414 | 2.9144% | 1809 | 0.039256 | 25.473793 | 2.8225% | 1808 |
| 0.038178 | 26.192782 | 2.9199% | 1807 | 0.037095 | 26.957592 | 2.9918% | 1806 |
| 0.036018 | 27.764105 | 3.0841% | 1805 | 0.034940 | 28.620365 | 3.1822% | 1804 |
| 0.033863 | 29.531120 | 3.2868% | 1803 | 0.032785 | 30.501744 | 3.3985% | 1802 |
| 0.031707 | 31.538342 | 3.5180% | 1801 | 0.030630 | 32.647875 | 3.3999% | 1800 |
| 0.029623 | 33.757885 | 2.8419% | 1799 | 0.028804 | 34.717240 | 2.7485% | 1798 |
| 0.028034 | 35.671428 | 2.8261% | 1797 | 0.027263 | 36.679550 | 3.7832% | 1796 |
| 0.026269 | 38.067214 | 2.1272% | 1795 | 0.025722 | 38.876979 | 3.0879% | 1794 |
| 0.024952 | 40.077476 | 3.1625% | 1793 | 0.024187 | 41.344931 | 3.2904% | 1792 |
| 0.023416 | 42.705351 | 3.4024% | 1791 | 0.022646 | 44.158344 | 3.2296% | 1790 |
| 0.021937 | 45.584465 | 41.3145% | 1780 | 0.015524 | 64.417437 | 29.4353% | 1770 |
| 0.011993 | 83.378913 | 83.4728% | 1750 | 0.006537 | 152.977658 | 29.2845% | 1740 |
| 0.005056 | 197.776327 | 94.2514% | 1720 | 0.002603 | 384.183273 | 85.8111% | |

1700 0.001401 713.855090 19.2490% 1690 0.001175 851.265409
88.0250% 1670 0.000625 1600.591975

BASE YEAR: 1959

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 1.654940 | 0.604252 | 8.2857% | 2001 | 1.528309 | 0.654318 | 1.0000% |
| 2000 | 1.513178 | 0.660861 | 1.0000% | 1999 | 1.498196 | 0.667470 | 1.0000% |
| 1998 | 1.483362 | 0.674144 | 1.0000% | 1997 | 1.468675 | 0.680886 | 1.0000% |
| 1996 | 1.454134 | 0.687695 | 1.0000% | 1995 | 1.439736 | 0.694572 | 0.9992% |
| 1994 | 1.425493 | 0.701512 | 1.0008% | 1993 | 1.411368 | 0.708532 | 1.0000% |
| 1992 | 1.397394 | 0.715618 | 0.9295% | 1991 | 1.384525 | 0.722269 | 1.2505% |
| 1990 | 1.367425 | 0.731302 | 0.7224% | 1989 | 1.357617 | 0.736585 | 1.1077% |
| 1988 | 1.342744 | 0.744744 | 0.8834% | 1987 | 1.330986 | 0.751323 | 0.5594% |
| 1986 | 1.323583 | 0.755525 | 1.3056% | 1985 | 1.306524 | 0.765390 | 0.7673% |
| 1984 | 1.296576 | 0.771262 | 0.8149% | 1983 | 1.286095 | 0.777548 | 0.9737% |
| 1982 | 1.273692 | 0.785119 | 0.9508% | 1981 | 1.261696 | 0.792584 | 0.9031% |
| 1980 | 1.250404 | 0.799741 | 2.2701% | 1979 | 1.222649 | 0.817896 | 1.0042% |
| 1978 | 1.210494 | 0.826109 | 0.9896% | 1977 | 1.198632 | 0.834285 | 0.9103% |
| 1976 | 1.187819 | 0.841879 | 0.8394% | 1975 | 1.177931 | 0.848946 | 0.9042% |
| 1974 | 1.167376 | 0.856622 | 1.1568% | 1973 | 1.154026 | 0.866532 | 0.9427% |
| 1972 | 1.143249 | 0.874700 | 0.7426% | 1971 | 1.134821 | 0.881196 | 1.4697% |
| 1970 | 1.118384 | 0.894148 | 0.6968% | 1969 | 1.110644 | 0.900378 | 0.8565% |
| 1968 | 1.101212 | 0.908090 | 1.5090% | 1967 | 1.084841 | 0.921794 | 0.9949% |
| 1966 | 1.074155 | 0.930965 | 1.0575% | 1965 | 1.062915 | 0.940809 | 1.1300% |
| 1964 | 1.051038 | 0.951441 | 1.5537% | 1963 | 1.034958 | 0.966223 | 1.4658% |
| 1962 | 1.020007 | 0.980386 | 1.5364% | 1961 | 1.004572 | 0.995449 | 2.1586% |
| 1960 | 0.983345 | 1.016937 | -1.6655% | 1959 | 1.000000 | 1.000000 | 4.3080% |
| 1958 | 0.958699 | 1.043080 | 2.1130% | 1957 | 0.938862 | 1.065120 | 1.9895% |
| 1956 | 0.920547 | 1.086310 | 2.1231% | 1955 | 0.901409 | 1.109374 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.888529 | 1.125455 | 2.1573% | 1953 | 0.869766 | 1.149734 | 1.2298% | 1952 |
| 0.859200 | 1.163873 | 1.6814% | 1951 | 0.844993 | 1.183442 | 1.6233% | 1950 |
| 0.831495 | 1.202653 | 1.4265% | 1949 | 0.819800 | 1.219809 | 1.7790% | 1948 |
| 0.805471 | 1.241510 | 1.8242% | 1947 | 0.791041 | 1.264157 | -2.6320% | 1946 |
| 0.812424 | 1.230884 | 3.1768% | 1945 | 0.787410 | 1.269987 | 6.4754% | 1944 |
| 0.739523 | 1.352224 | -0.3437% | 1943 | 0.742073 | 1.347576 | 0.6562% | 1942 |
| 0.737235 | 1.356419 | 0.6633% | 1941 | 0.732377 | 1.365417 | -5.6614% | 1940 |
| 0.776328 | 1.288115 | 8.0381% | 1939 | 0.718569 | 1.391655 | 0.8126% | 1938 |
| 0.712777 | 1.402964 | 0.7762% | 1937 | 0.707287 | 1.413854 | 0.6029% | 1936 |
| 0.703048 | 1.422378 | 0.5244% | 1935 | 0.699381 | 1.429837 | -3.0364% | 1934 |
| 0.721281 | 1.386422 | 4.6271% | 1933 | 0.689383 | 1.450573 | 1.3921% | 1932 |
| 0.679917 | 1.470767 | -0.2051% | 1931 | 0.681315 | 1.467750 | 0.8886% | 1930 |
| 0.675314 | 1.480793 | 1.0126% | 1929 | 0.668544 | 1.495787 | 1.1526% | 1928 |
| 0.660927 | 1.513027 | 1.2160% | 1927 | 0.652986 | 1.531426 | 1.4086% | 1926 |
| 0.643916 | 1.552997 | 1.7667% | 1925 | 0.632738 | 1.580434 | 1.4465% | 1924 |
| 0.623716 | 1.603295 | 1.7700% | 1923 | 0.612868 | 1.631673 | 1.6165% | 1922 |
| 0.603118 | 1.658049 | 1.3736% | 1921 | 0.594946 | 1.680825 | 2.3393% | 1920 |
| 0.581347 | 1.720144 | 1.3140% | 1919 | 0.573807 | 1.742747 | 0.7676% | 1918 |
| 0.569435 | 1.756125 | 0.3870% | 1917 | 0.567240 | 1.762921 | 1.3274% | 1916 |
| 0.559809 | 1.786323 | 1.4083% | 1915 | 0.552035 | 1.811480 | 1.4458% | 1914 |
| 0.544167 | 1.837670 | 1.9424% | 1913 | 0.533799 | 1.873365 | 1.9857% | 1912 |
| 0.523406 | 1.910563 | 1.5634% | 1911 | 0.515349 | 1.940433 | 1.8169% | 1910 |
| 0.506152 | 1.975689 | 1.8781% | 1909 | 0.496822 | 2.012794 | 2.0082% | 1908 |
| 0.487041 | 2.053216 | 1.9603% | 1907 | 0.477677 | 2.093464 | 1.8264% | 1906 |
| 0.469110 | 2.131698 | 1.9357% | 1905 | 0.460202 | 2.172961 | 2.0148% | 1904 |
| 0.451112 | 2.216742 | 2.1335% | 1903 | 0.441689 | 2.264037 | 1.8151% | 1902 |
| 0.433814 | 2.305133 | 1.8943% | 1901 | 0.425749 | 2.348800 | 3.0255% | 1900 |
| 0.413247 | 2.419863 | 0.6278% | 1899 | 0.410668 | 2.435056 | 1.7757% | 1898 |
| 0.403503 | 2.478294 | 1.8078% | 1897 | 0.396339 | 2.523096 | 1.8396% | 1896 |
| 0.389179 | 2.569510 | 1.8755% | 1895 | 0.382014 | 2.617703 | 1.9114% | 1894 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|---------|------|
| 0.374850 | 2.667737 | 1.9486% | 1893 | 0.367685 | 2.719722 | 1.9858% | 1892 |
| 0.360525 | 2.773730 | 2.0276% | 1891 | 0.353361 | 2.829971 | 2.6465% | 1890 |
| 0.344250 | 2.904866 | 1.5328% | 1889 | 0.339053 | 2.949393 | 2.0811% | 1888 |
| 0.332141 | 3.010773 | 2.1599% | 1887 | 0.325118 | 3.075802 | 2.2075% | 1886 |
| 0.318096 | 3.143701 | 2.2592% | 1885 | 0.311069 | 3.214723 | 2.3095% | 1884 |
| 0.304047 | 3.288968 | 2.3641% | 1883 | 0.297025 | 3.366724 | 2.4214% | 1882 |
| 0.290003 | 3.448245 | 2.4815% | 1881 | 0.282981 | 3.533812 | 3.7644% | 1880 |
| 0.272714 | 3.666839 | 0.9432% | 1879 | 0.270166 | 3.701426 | 2.1464% | 1878 |
| 0.264489 | 3.780872 | 2.1913% | 1877 | 0.258818 | 3.863723 | 2.2426% | 1876 |
| 0.253141 | 3.950371 | 2.2941% | 1875 | 0.247464 | 4.040995 | 2.3456% | 1874 |
| 0.241792 | 4.135780 | 2.4043% | 1873 | 0.236115 | 4.235217 | 2.4635% | 1872 |
| 0.230438 | 4.339554 | 2.5258% | 1871 | 0.224761 | 4.449161 | 5.9947% | 1870 |
| 0.212050 | 4.715874 | -1.0968% | 1869 | 0.214401 | 4.664151 | 2.1930% | 1868 |
| 0.209800 | 4.766434 | 2.2394% | 1867 | 0.205205 | 4.873174 | 2.2935% | 1866 |
| 0.200604 | 4.984940 | 2.3445% | 1865 | 0.196009 | 5.101811 | 2.4037% | 1864 |
| 0.191408 | 5.224443 | 2.4599% | 1863 | 0.186813 | 5.352958 | 2.5250% | 1862 |
| 0.182212 | 5.488121 | 2.5872% | 1861 | 0.177616 | 5.630112 | 2.9504% | 1860 |
| 0.172526 | 5.796223 | 2.4012% | 1859 | 0.168481 | 5.935404 | 2.7627% | 1858 |
| 0.163951 | 6.099382 | 2.8412% | 1857 | 0.159422 | 6.272678 | 2.9243% | 1856 |
| 0.154892 | 6.456109 | 3.0161% | 1855 | 0.150357 | 6.650834 | 3.1061% | 1854 |
| 0.145828 | 6.857413 | 3.2056% | 1853 | 0.141298 | 7.077236 | 3.3118% | 1852 |
| 0.136769 | 7.311619 | 3.4252% | 1851 | 0.132239 | 7.562059 | 4.0106% | 1850 |
| 0.127140 | 7.865343 | 2.3254% | 1849 | 0.124251 | 8.048241 | 2.7841% | 1848 |
| 0.120885 | 8.272311 | 2.8590% | 1847 | 0.117525 | 8.508818 | 2.9432% | 1846 |
| 0.114165 | 8.759245 | 3.0324% | 1845 | 0.110805 | 9.024861 | 3.1325% | 1844 |
| 0.107439 | 9.307566 | 3.2284% | 1843 | 0.104079 | 9.608047 | 3.3361% | 1842 |
| 0.100719 | 9.928577 | 3.4512% | 1841 | 0.097359 | 10.271232 | 3.8105% | 1840 |
| 0.093786 | 10.662616 | 2.3861% | 1839 | 0.091600 | 10.917031 | 2.5824% | 1838 |
| 0.089294 | 11.198952 | 2.6573% | 1837 | 0.086983 | 11.496544 | 2.7232% | 1836 |
| 0.084677 | 11.809619 | 2.7994% | 1835 | 0.082371 | 12.140222 | 2.8871% | 1834 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.080059 | 12.490725 | 2.9657% | 1833 | 0.077753 | 12.861160 | 3.0563% | 1832 |
| 0.075448 | 13.254239 | 3.1604% | 1831 | 0.073136 | 13.673129 | 3.4660% | 1830 |
| 0.070686 | 14.147035 | 2.4653% | 1829 | 0.068985 | 14.495802 | 2.6804% | 1828 |
| 0.067185 | 14.884347 | 10.3427% | 1827 | 0.060887 | 16.423783 | -4.2314% | 1826 |
| 0.063578 | 15.728821 | 2.9150% | 1825 | 0.061777 | 16.187322 | 3.0026% | 1824 |
| 0.059976 | 16.673357 | 3.0955% | 1823 | 0.058175 | 17.189482 | 3.1944% | 1822 |
| 0.056374 | 17.738581 | 3.3102% | 1821 | 0.054568 | 18.325762 | 3.2277% | 1820 |
| 0.052862 | 18.917270 | 2.6573% | 1819 | 0.051493 | 19.419954 | 2.6261% | 1818 |
| 0.050176 | 19.929943 | 2.6969% | 1817 | 0.048858 | 20.467440 | 2.7717% | 1816 |
| 0.047540 | 21.034733 | 2.8507% | 1815 | 0.046223 | 21.634369 | 2.9343% | 1814 |
| 0.044905 | 22.269196 | 3.0231% | 1813 | 0.043587 | 22.942405 | 3.1039% | 1812 |
| 0.042275 | 23.654513 | 3.2172% | 1811 | 0.040958 | 24.415516 | 3.0969% | 1810 |
| 0.039727 | 25.171644 | 2.9144% | 1809 | 0.038602 | 25.905241 | 2.8225% | 1808 |
| 0.037543 | 26.636407 | 2.9199% | 1807 | 0.036477 | 27.414171 | 2.9918% | 1806 |
| 0.035418 | 28.234344 | 3.0841% | 1805 | 0.034358 | 29.105105 | 3.1822% | 1804 |
| 0.033299 | 30.031286 | 3.2868% | 1803 | 0.032239 | 31.018350 | 3.3985% | 1802 |
| 0.031179 | 32.072504 | 3.5180% | 1801 | 0.030120 | 33.200829 | 3.3999% | 1800 |
| 0.029129 | 34.329640 | 2.8419% | 1799 | 0.028324 | 35.305243 | 2.7485% | 1798 |
| 0.027567 | 36.275593 | 2.8261% | 1797 | 0.026809 | 37.300788 | 3.7832% | 1796 |
| 0.025832 | 38.711955 | 2.1272% | 1795 | 0.025294 | 39.535435 | 3.0879% | 1794 |
| 0.024536 | 40.756265 | 3.1625% | 1793 | 0.023784 | 42.045187 | 3.2904% | 1792 |
| 0.023026 | 43.428648 | 3.4024% | 1791 | 0.022269 | 44.906250 | 3.2296% | 1790 |
| 0.021572 | 46.356526 | 41.3145% | 1780 | 0.015265 | 65.508470 | 29.4353% | 1770 |
| 0.011794 | 84.791094 | 83.4728% | 1750 | 0.006428 | 155.568628 | 29.2845% | 1740 |
| 0.004972 | 201.126049 | 94.2514% | 1720 | 0.002560 | 390.690154 | 85.8111% | 1700 |
| 0.001378 | 725.945596 | 19.2490% | 1690 | 0.001155 | 865.683222 | 88.0250% | 1670 |
| 0.000614 | 1627.701072 | | | | | | |

BASE YEAR: 1958

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.726235 | 0.579296 | 8.2857% | 2001 | 1.594149 | 0.627294 | 1.0000% |
| 2000 | 1.578365 | 0.633567 | 1.0000% | 1999 | 1.562738 | 0.639903 | 1.0000% |
| 1998 | 1.547265 | 0.646302 | 1.0000% | 1997 | 1.531946 | 0.652765 | 1.0000% |
| 1996 | 1.516778 | 0.659292 | 1.0000% | 1995 | 1.501760 | 0.665885 | 0.9992% |
| 1994 | 1.486903 | 0.672539 | 1.0008% | 1993 | 1.472170 | 0.679270 | 1.0000% |
| 1992 | 1.457594 | 0.686062 | 0.9295% | 1991 | 1.444170 | 0.692439 | 1.2505% |
| 1990 | 1.426334 | 0.701098 | 0.7224% | 1989 | 1.416103 | 0.706163 | 1.1077% |
| 1988 | 1.400589 | 0.713985 | 0.8834% | 1987 | 1.388325 | 0.720292 | 0.5594% |
| 1986 | 1.380602 | 0.724321 | 1.3056% | 1985 | 1.362809 | 0.733778 | 0.7673% |
| 1984 | 1.352432 | 0.739409 | 0.8149% | 1983 | 1.341500 | 0.745434 | 0.9737% |
| 1982 | 1.328563 | 0.752693 | 0.9508% | 1981 | 1.316050 | 0.759850 | 0.9031% |
| 1980 | 1.304271 | 0.766712 | 2.2701% | 1979 | 1.275321 | 0.784116 | 1.0042% |
| 1978 | 1.262642 | 0.791990 | 0.9896% | 1977 | 1.250269 | 0.799828 | 0.9103% |
| 1976 | 1.238990 | 0.807109 | 0.8394% | 1975 | 1.228676 | 0.813884 | 0.9042% |
| 1974 | 1.217666 | 0.821243 | 1.1568% | 1973 | 1.203741 | 0.830743 | 0.9427% |
| 1972 | 1.192500 | 0.838575 | 0.7426% | 1971 | 1.183709 | 0.844802 | 1.4697% |
| 1970 | 1.166564 | 0.857219 | 0.6968% | 1969 | 1.158491 | 0.863192 | 0.8565% |
| 1968 | 1.148652 | 0.870585 | 1.5090% | 1967 | 1.131576 | 0.883723 | 0.9949% |
| 1966 | 1.120429 | 0.892515 | 1.0575% | 1965 | 1.108705 | 0.901953 | 1.1300% |
| 1964 | 1.096316 | 0.912145 | 1.5537% | 1963 | 1.079544 | 0.926317 | 1.4658% |
| 1962 | 1.063948 | 0.939895 | 1.5364% | 1961 | 1.047849 | 0.954336 | 2.1586% |
| 1960 | 1.025708 | 0.974937 | -1.6655% | 1959 | 1.043080 | 0.958699 | 4.3080% |
| 1958 | 1.000000 | 1.000000 | 2.1130% | 1957 | 0.979308 | 1.021130 | 1.9895% |
| 1956 | 0.960204 | 1.041445 | 2.1231% | 1955 | 0.940242 | 1.063556 | 1.4496% |
| 1954 | 0.926807 | 1.078973 | 2.1573% | 1953 | 0.907236 | 1.102249 | 1.2298% |
| 1952 | 0.896214 | 1.115804 | 1.6814% | 1951 | 0.881395 | 1.134565 | 1.6233% |
| 1950 | 0.867316 | 1.152982 | 1.4265% | 1949 | 0.855117 | 1.169430 | 1.7790% |
| 1948 | 0.840170 | 1.190235 | 1.8242% | 1947 | 0.825119 | 1.211946 | -2.6320% |
| 1946 | 0.847423 | 1.180048 | 3.1768% | 1945 | 0.821331 | 1.217535 | 6.4754% |
| 1944 | 0.771381 | 1.296376 | -0.3437% | 1943 | 0.774041 | 1.291921 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.768995 | 1.300398 | 0.6633% | 1941 | 0.763928 | 1.309024 | -5.6614% | 1940 |
| 0.809773 | 1.234915 | 8.0381% | 1939 | 0.749525 | 1.334178 | 0.8126% | 1938 |
| 0.743483 | 1.345020 | 0.7762% | 1937 | 0.737756 | 1.355461 | 0.6029% | 1936 |
| 0.733335 | 1.363633 | 0.5244% | 1935 | 0.729510 | 1.370783 | -3.0364% | 1934 |
| 0.752354 | 1.329161 | 4.6271% | 1933 | 0.719081 | 1.390663 | 1.3921% | 1932 |
| 0.709208 | 1.410023 | -0.2051% | 1931 | 0.710666 | 1.407131 | 0.8886% | 1930 |
| 0.704406 | 1.419635 | 1.0126% | 1929 | 0.697345 | 1.434010 | 1.1526% | 1928 |
| 0.689399 | 1.450538 | 1.2160% | 1927 | 0.681117 | 1.468177 | 1.4086% | 1926 |
| 0.671656 | 1.488857 | 1.7667% | 1925 | 0.659996 | 1.515161 | 1.4465% | 1924 |
| 0.650585 | 1.537078 | 1.7700% | 1923 | 0.639270 | 1.564283 | 1.6165% | 1922 |
| 0.629101 | 1.589570 | 1.3736% | 1921 | 0.620576 | 1.611405 | 2.3393% | 1920 |
| 0.606391 | 1.649101 | 1.3140% | 1919 | 0.598526 | 1.670771 | 0.7676% | 1918 |
| 0.593967 | 1.683596 | 0.3870% | 1917 | 0.591677 | 1.690112 | 1.3274% | 1916 |
| 0.583926 | 1.712547 | 1.4083% | 1915 | 0.575817 | 1.736664 | 1.4458% | 1914 |
| 0.567610 | 1.761773 | 1.9424% | 1913 | 0.556795 | 1.795993 | 1.9857% | 1912 |
| 0.545954 | 1.831656 | 1.5634% | 1911 | 0.537550 | 1.860292 | 1.8169% | 1910 |
| 0.527957 | 1.894092 | 1.8781% | 1909 | 0.518225 | 1.929664 | 2.0082% | 1908 |
| 0.508023 | 1.968417 | 1.9603% | 1907 | 0.498255 | 2.007003 | 1.8264% | 1906 |
| 0.489319 | 2.043658 | 1.9357% | 1905 | 0.480027 | 2.083216 | 2.0148% | 1904 |
| 0.470546 | 2.125189 | 2.1335% | 1903 | 0.460717 | 2.170531 | 1.8151% | 1902 |
| 0.452503 | 2.209929 | 1.8943% | 1901 | 0.444091 | 2.251793 | 3.0255% | 1900 |
| 0.431049 | 2.319921 | 0.6278% | 1899 | 0.428360 | 2.334486 | 1.7757% | 1898 |
| 0.420886 | 2.375939 | 1.8078% | 1897 | 0.413413 | 2.418890 | 1.8396% | 1896 |
| 0.405945 | 2.463388 | 1.8755% | 1895 | 0.398472 | 2.509590 | 1.9114% | 1894 |
| 0.390998 | 2.557558 | 1.9486% | 1893 | 0.383525 | 2.607395 | 1.9858% | 1892 |
| 0.376057 | 2.659173 | 2.0276% | 1891 | 0.368583 | 2.713091 | 2.6465% | 1890 |
| 0.359080 | 2.784893 | 1.5328% | 1889 | 0.353659 | 2.827581 | 2.0811% | 1888 |
| 0.346449 | 2.886426 | 2.1599% | 1887 | 0.339125 | 2.948769 | 2.2075% | 1886 |
| 0.331800 | 3.013864 | 2.2592% | 1885 | 0.324470 | 3.081952 | 2.3095% | 1884 |
| 0.317145 | 3.153131 | 2.3641% | 1883 | 0.309820 | 3.227676 | 2.4214% | 1882 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.302496 | 3.305830 | 2.4815% | 1881 | 0.295171 | 3.387863 | 3.7644% | 1880 |
| 0.284463 | 3.515396 | 0.9432% | 1879 | 0.281805 | 3.548554 | 2.1464% | 1878 |
| 0.275883 | 3.624720 | 2.1913% | 1877 | 0.269968 | 3.704148 | 2.2426% | 1876 |
| 0.264046 | 3.787218 | 2.2941% | 1875 | 0.258125 | 3.874099 | 2.3456% | 1874 |
| 0.252209 | 3.964969 | 2.4043% | 1873 | 0.246287 | 4.060300 | 2.4635% | 1872 |
| 0.240366 | 4.160327 | 2.5258% | 1871 | 0.234444 | 4.265407 | 5.9947% | 1870 |
| 0.221185 | 4.521105 | -1.0968% | 1869 | 0.223638 | 4.471518 | 2.1930% | 1868 |
| 0.218839 | 4.569577 | 2.2394% | 1867 | 0.214045 | 4.671908 | 2.2935% | 1866 |
| 0.209246 | 4.779059 | 2.3445% | 1865 | 0.204453 | 4.891102 | 2.4037% | 1864 |
| 0.199654 | 5.008670 | 2.4599% | 1863 | 0.194860 | 5.131877 | 2.5250% | 1862 |
| 0.190061 | 5.261457 | 2.5872% | 1861 | 0.185268 | 5.397584 | 2.9504% | 1860 |
| 0.179959 | 5.556835 | 2.4012% | 1859 | 0.175739 | 5.690268 | 2.7627% | 1858 |
| 0.171014 | 5.847473 | 2.8412% | 1857 | 0.166289 | 6.013612 | 2.9243% | 1856 |
| 0.161565 | 6.189467 | 3.0161% | 1855 | 0.156834 | 6.376150 | 3.1061% | 1854 |
| 0.152110 | 6.574197 | 3.2056% | 1853 | 0.147385 | 6.784941 | 3.3118% | 1852 |
| 0.142661 | 7.009644 | 3.4252% | 1851 | 0.137936 | 7.249741 | 4.0106% | 1850 |
| 0.132617 | 7.540499 | 2.3254% | 1849 | 0.129603 | 7.715843 | 2.7841% | 1848 |
| 0.126093 | 7.930659 | 2.8590% | 1847 | 0.122588 | 8.157397 | 2.9432% | 1846 |
| 0.119083 | 8.397482 | 3.0324% | 1845 | 0.115579 | 8.652128 | 3.1325% | 1844 |
| 0.112068 | 8.923157 | 3.2284% | 1843 | 0.108563 | 9.211228 | 3.3361% | 1842 |
| 0.105058 | 9.518520 | 3.4512% | 1841 | 0.101554 | 9.847023 | 3.8105% | 1840 |
| 0.097826 | 10.222242 | 2.3861% | 1839 | 0.095546 | 10.466150 | 2.5824% | 1838 |
| 0.093141 | 10.736427 | 2.6573% | 1837 | 0.090730 | 11.021729 | 2.7232% | 1836 |
| 0.088325 | 11.321873 | 2.7994% | 1835 | 0.085919 | 11.638822 | 2.8871% | 1834 |
| 0.083508 | 11.974849 | 2.9657% | 1833 | 0.081103 | 12.329985 | 3.0563% | 1832 |
| 0.078698 | 12.706829 | 3.1604% | 1831 | 0.076287 | 13.108419 | 3.4660% | 1830 |
| 0.073731 | 13.562752 | 2.4653% | 1829 | 0.071957 | 13.897115 | 2.6804% | 1828 |
| 0.070079 | 14.269613 | 10.3427% | 1827 | 0.063510 | 15.745469 | -4.2314% | 1826 |
| 0.066316 | 15.079210 | 2.9150% | 1825 | 0.064438 | 15.518774 | 3.0026% | 1824 |
| 0.062560 | 15.984735 | 3.0955% | 1823 | 0.060681 | 16.479544 | 3.1944% | 1822 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.058803 | 17.005965 | 3.3102% | 1821 | 0.056919 | 17.568895 | 3.2277% | 1820 |
| 0.055139 | 18.135973 | 2.6573% | 1819 | 0.053712 | 18.617896 | 2.6261% | 1818 |
| 0.052337 | 19.106822 | 2.6969% | 1817 | 0.050963 | 19.622120 | 2.7717% | 1816 |
| 0.049588 | 20.165983 | 2.8507% | 1815 | 0.048214 | 20.740854 | 2.9343% | 1814 |
| 0.046840 | 21.349462 | 3.0231% | 1813 | 0.045465 | 21.994867 | 3.1039% | 1812 |
| 0.044096 | 22.677565 | 3.2172% | 1811 | 0.042722 | 23.407138 | 3.0969% | 1810 |
| 0.041439 | 24.132037 | 2.9144% | 1809 | 0.040265 | 24.835336 | 2.8225% | 1808 |
| 0.039160 | 25.536304 | 2.9199% | 1807 | 0.038049 | 26.281946 | 2.9918% | 1806 |
| 0.036944 | 27.068245 | 3.0841% | 1805 | 0.035838 | 27.903044 | 3.1822% | 1804 |
| 0.034733 | 28.790973 | 3.2868% | 1803 | 0.033628 | 29.737270 | 3.3985% | 1802 |
| 0.032523 | 30.747887 | 3.5180% | 1801 | 0.031417 | 31.829612 | 3.3999% | 1800 |
| 0.030384 | 32.911802 | 2.8419% | 1799 | 0.029545 | 33.847112 | 2.7485% | 1798 |
| 0.028754 | 34.777385 | 2.8261% | 1797 | 0.027964 | 35.760240 | 3.7832% | 1796 |
| 0.026945 | 37.113124 | 2.1272% | 1795 | 0.026383 | 37.902594 | 3.0879% | 1794 |
| 0.025593 | 39.073003 | 3.1625% | 1793 | 0.024809 | 40.308691 | 3.2904% | 1792 |
| 0.024018 | 41.635014 | 3.4024% | 1791 | 0.023228 | 43.051590 | 3.2296% | 1790 |
| 0.022501 | 44.441969 | 41.3145% | 1780 | 0.015923 | 62.802924 | 29.4353% | 1770 |
| 0.012302 | 81.289163 | 83.4728% | 1750 | 0.006705 | 149.143534 | 29.2845% | 1740 |
| 0.005186 | 192.819402 | 94.2514% | 1720 | 0.002670 | 374.554376 | 85.8111% | 1700 |
| 0.001437 | 695.963531 | 19.2490% | 1690 | 0.001205 | 829.929895 | 88.0250% | 1670 |
| 0.000641 | 1560.475871 | | | | | | |

BASE YEAR: 1957

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.762709 | 0.567309 | 8.2857% | 2001 | 1.627833 | 0.614314 | 1.0000% |
| 2000 | 1.611715 | 0.620457 | 1.0000% | 1999 | 1.595758 | 0.626662 | 1.0000% |
| 1998 | 1.579958 | 0.632928 | 1.0000% | 1997 | 1.564315 | 0.639257 | 1.0000% |
| 1996 | 1.548827 | 0.645650 | 1.0000% | 1995 | 1.533492 | 0.652106 | 0.9992% |
| 1994 | 1.518320 | 0.658622 | 1.0008% | 1993 | 1.503276 | 0.665214 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.488392 | 0.671866 | 0.9295% | 1991 | 1.474685 | 0.678111 | 1.2505% | 1990 |
| 1.456471 | 0.686591 | 0.7224% | 1989 | 1.446025 | 0.691551 | 1.1077% | 1988 |
| 1.430183 | 0.699211 | 0.8834% | 1987 | 1.417660 | 0.705388 | 0.5594% | 1986 |
| 1.409774 | 0.709334 | 1.3056% | 1985 | 1.391605 | 0.718595 | 0.7673% | 1984 |
| 1.381009 | 0.724108 | 0.8149% | 1983 | 1.369845 | 0.730010 | 0.9737% | 1982 |
| 1.356635 | 0.737118 | 0.9508% | 1981 | 1.343857 | 0.744127 | 0.9031% | 1980 |
| 1.331830 | 0.750846 | 2.2701% | 1979 | 1.302268 | 0.767891 | 1.0042% | 1978 |
| 1.289321 | 0.775602 | 0.9896% | 1977 | 1.276687 | 0.783278 | 0.9103% | 1976 |
| 1.265169 | 0.790408 | 0.8394% | 1975 | 1.254637 | 0.797043 | 0.9042% | 1974 |
| 1.243395 | 0.804250 | 1.1568% | 1973 | 1.229176 | 0.813553 | 0.9427% | 1972 |
| 1.217697 | 0.821223 | 0.7426% | 1971 | 1.208720 | 0.827321 | 1.4697% | 1970 |
| 1.191213 | 0.839481 | 0.6968% | 1969 | 1.182969 | 0.845330 | 0.8565% | 1968 |
| 1.172923 | 0.852571 | 1.5090% | 1967 | 1.155486 | 0.865437 | 0.9949% | 1966 |
| 1.144103 | 0.874047 | 1.0575% | 1965 | 1.132131 | 0.883290 | 1.1300% | 1964 |
| 1.119481 | 0.893271 | 1.5537% | 1963 | 1.102354 | 0.907149 | 1.4658% | 1962 |
| 1.086429 | 0.920446 | 1.5364% | 1961 | 1.069990 | 0.934589 | 2.1586% | 1960 |
| 1.047380 | 0.954763 | -1.6655% | 1959 | 1.065120 | 0.938862 | 4.3080% | 1958 |
| 1.021130 | 0.979308 | 2.1130% | 1957 | 1.000000 | 1.000000 | 1.9895% | 1956 |
| 0.980493 | 1.019895 | 2.1231% | 1955 | 0.960109 | 1.041548 | 1.4496% | 1954 |
| 0.946390 | 1.056647 | 2.1573% | 1953 | 0.926405 | 1.079441 | 1.2298% | 1952 |
| 0.915151 | 1.092716 | 1.6814% | 1951 | 0.900018 | 1.111088 | 1.6233% | 1950 |
| 0.885642 | 1.129124 | 1.4265% | 1949 | 0.873186 | 1.145232 | 1.7790% | 1948 |
| 0.857923 | 1.165606 | 1.8242% | 1947 | 0.842553 | 1.186868 | -2.6320% | 1946 |
| 0.865329 | 1.155630 | 3.1768% | 1945 | 0.838686 | 1.192342 | 6.4754% | 1944 |
| 0.787680 | 1.269551 | -0.3437% | 1943 | 0.790397 | 1.265188 | 0.6562% | 1942 |
| 0.785244 | 1.273490 | 0.6633% | 1941 | 0.780069 | 1.281937 | -5.6614% | 1940 |
| 0.826883 | 1.209361 | 8.0381% | 1939 | 0.765362 | 1.306571 | 0.8126% | 1938 |
| 0.759193 | 1.317189 | 0.7762% | 1937 | 0.753345 | 1.327413 | 0.6029% | 1936 |
| 0.748830 | 1.335416 | 0.5244% | 1935 | 0.744924 | 1.342419 | -3.0364% | 1934 |
| 0.768251 | 1.301658 | 4.6271% | 1933 | 0.734275 | 1.361887 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.724194 | 1.380846 | -0.2051% | 1931 | 0.725682 | 1.378014 | 0.8886% | 1930 |
| 0.719290 | 1.390259 | 1.0126% | 1929 | 0.712080 | 1.404337 | 1.1526% | 1928 |
| 0.703966 | 1.420523 | 1.2160% | 1927 | 0.695509 | 1.437797 | 1.4086% | 1926 |
| 0.685848 | 1.458049 | 1.7667% | 1925 | 0.673941 | 1.483808 | 1.4465% | 1924 |
| 0.664332 | 1.505272 | 1.7700% | 1923 | 0.652778 | 1.531915 | 1.6165% | 1922 |
| 0.642393 | 1.556678 | 1.3736% | 1921 | 0.633689 | 1.578062 | 2.3393% | 1920 |
| 0.619204 | 1.614977 | 1.3140% | 1919 | 0.611173 | 1.636198 | 0.7676% | 1918 |
| 0.606517 | 1.648759 | 0.3870% | 1917 | 0.604179 | 1.655139 | 1.3274% | 1916 |
| 0.596264 | 1.677110 | 1.4083% | 1915 | 0.587983 | 1.700729 | 1.4458% | 1914 |
| 0.579603 | 1.725318 | 1.9424% | 1913 | 0.568560 | 1.758830 | 1.9857% | 1912 |
| 0.557490 | 1.793755 | 1.5634% | 1911 | 0.548908 | 1.821798 | 1.8169% | 1910 |
| 0.539113 | 1.854899 | 1.8781% | 1909 | 0.529175 | 1.889735 | 2.0082% | 1908 |
| 0.518757 | 1.927685 | 1.9603% | 1907 | 0.508783 | 1.965473 | 1.8264% | 1906 |
| 0.499658 | 2.001369 | 1.9357% | 1905 | 0.490170 | 2.040109 | 2.0148% | 1904 |
| 0.480489 | 2.081214 | 2.1335% | 1903 | 0.470452 | 2.125617 | 1.8151% | 1902 |
| 0.462064 | 2.164201 | 1.8943% | 1901 | 0.453474 | 2.205198 | 3.0255% | 1900 |
| 0.440157 | 2.271916 | 0.6278% | 1899 | 0.437411 | 2.286180 | 1.7757% | 1898 |
| 0.429779 | 2.326775 | 1.8078% | 1897 | 0.422148 | 2.368837 | 1.8396% | 1896 |
| 0.414522 | 2.412414 | 1.8755% | 1895 | 0.406891 | 2.457660 | 1.9114% | 1894 |
| 0.399260 | 2.504636 | 1.9486% | 1893 | 0.391628 | 2.553442 | 1.9858% | 1892 |
| 0.384003 | 2.604148 | 2.0276% | 1891 | 0.376371 | 2.656951 | 2.6465% | 1890 |
| 0.366667 | 2.727267 | 1.5328% | 1889 | 0.361132 | 2.769071 | 2.0811% | 1888 |
| 0.353770 | 2.826699 | 2.1599% | 1887 | 0.346290 | 2.887752 | 2.2075% | 1886 |
| 0.338811 | 2.951500 | 2.2592% | 1885 | 0.331326 | 3.018179 | 2.3095% | 1884 |
| 0.323846 | 3.087885 | 2.3641% | 1883 | 0.316367 | 3.160887 | 2.4214% | 1882 |
| 0.308888 | 3.237425 | 2.4815% | 1881 | 0.301408 | 3.317760 | 3.7644% | 1880 |
| 0.290474 | 3.442654 | 0.9432% | 1879 | 0.287759 | 3.475126 | 2.1464% | 1878 |
| 0.281713 | 3.549716 | 2.1913% | 1877 | 0.275672 | 3.627500 | 2.2426% | 1876 |
| 0.269625 | 3.708851 | 2.2941% | 1875 | 0.263579 | 3.793934 | 2.3456% | 1874 |
| 0.257538 | 3.882925 | 2.4043% | 1873 | 0.251491 | 3.976282 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.245445 | 4.074240 | 2.5258% | 1871 | 0.239398 | 4.177146 | 5.9947% | 1870 |
| 0.225858 | 4.427552 | -1.0968% | 1869 | 0.228363 | 4.378992 | 2.1930% | 1868 |
| 0.223463 | 4.475022 | 2.2394% | 1867 | 0.218568 | 4.575235 | 2.2935% | 1866 |
| 0.213668 | 4.680169 | 2.3445% | 1865 | 0.208773 | 4.789894 | 2.4037% | 1864 |
| 0.203872 | 4.905028 | 2.4599% | 1863 | 0.198978 | 5.025686 | 2.5250% | 1862 |
| 0.194077 | 5.152585 | 2.5872% | 1861 | 0.189183 | 5.285895 | 2.9504% | 1860 |
| 0.183761 | 5.441851 | 2.4012% | 1859 | 0.179452 | 5.572523 | 2.7627% | 1858 |
| 0.174627 | 5.726475 | 2.8412% | 1857 | 0.169803 | 5.889176 | 2.9243% | 1856 |
| 0.164979 | 6.061392 | 3.0161% | 1855 | 0.160148 | 6.244212 | 3.1061% | 1854 |
| 0.155324 | 6.438161 | 3.2056% | 1853 | 0.150499 | 6.644545 | 3.3118% | 1852 |
| 0.145675 | 6.864598 | 3.4252% | 1851 | 0.140851 | 7.099726 | 4.0106% | 1850 |
| 0.135419 | 7.384468 | 2.3254% | 1849 | 0.132342 | 7.556184 | 2.7841% | 1848 |
| 0.128757 | 7.766555 | 2.8590% | 1847 | 0.125178 | 7.988601 | 2.9432% | 1846 |
| 0.121599 | 8.223718 | 3.0324% | 1845 | 0.118021 | 8.473095 | 3.1325% | 1844 |
| 0.114436 | 8.738515 | 3.2284% | 1843 | 0.110857 | 9.020626 | 3.3361% | 1842 |
| 0.107278 | 9.321559 | 3.4512% | 1841 | 0.103699 | 9.643264 | 3.8105% | 1840 |
| 0.099893 | 10.010719 | 2.3861% | 1839 | 0.097565 | 10.249580 | 2.5824% | 1838 |
| 0.095109 | 10.514265 | 2.6573% | 1837 | 0.092647 | 10.793663 | 2.7232% | 1836 |
| 0.090191 | 11.087596 | 2.7994% | 1835 | 0.087735 | 11.397987 | 2.8871% | 1834 |
| 0.085273 | 11.727061 | 2.9657% | 1833 | 0.082817 | 12.074848 | 3.0563% | 1832 |
| 0.080361 | 12.443895 | 3.1604% | 1831 | 0.077899 | 12.837174 | 3.4660% | 1830 |
| 0.075289 | 13.282107 | 2.4653% | 1829 | 0.073478 | 13.609550 | 2.6804% | 1828 |
| 0.071560 | 13.974340 | 10.3427% | 1827 | 0.064852 | 15.419657 | -4.2314% | 1826 |
| 0.067718 | 14.767185 | 2.9150% | 1825 | 0.065800 | 15.197654 | 3.0026% | 1824 |
| 0.063882 | 15.653973 | 3.0955% | 1823 | 0.061963 | 16.138543 | 3.1944% | 1822 |
| 0.060045 | 16.654071 | 3.3102% | 1821 | 0.058121 | 17.205353 | 3.2277% | 1820 |
| 0.056304 | 17.760697 | 2.6573% | 1819 | 0.054847 | 18.232647 | 2.6261% | 1818 |
| 0.053443 | 18.711456 | 2.6969% | 1817 | 0.052040 | 19.216092 | 2.7717% | 1816 |
| 0.050636 | 19.748701 | 2.8507% | 1815 | 0.049233 | 20.311676 | 2.9343% | 1814 |
| 0.047829 | 20.907690 | 3.0231% | 1813 | 0.046426 | 21.539741 | 3.1039% | 1812 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.045028 | 22.208312 | 3.2172% | 1811 | 0.043625 | 22.922788 | 3.0969% | 1810 |
| 0.042314 | 23.632688 | 2.9144% | 1809 | 0.041116 | 24.321434 | 2.8225% | 1808 |
| 0.039987 | 25.007897 | 2.9199% | 1807 | 0.038853 | 25.738110 | 2.9918% | 1806 |
| 0.037724 | 26.508138 | 3.0841% | 1805 | 0.036596 | 27.325663 | 3.1822% | 1804 |
| 0.035467 | 28.195218 | 3.2868% | 1803 | 0.034338 | 29.121935 | 3.3985% | 1802 |
| 0.033210 | 30.111639 | 3.5180% | 1801 | 0.032081 | 31.170981 | 3.3999% | 1800 |
| 0.031026 | 32.230778 | 2.8419% | 1799 | 0.030169 | 33.146734 | 2.7485% | 1798 |
| 0.029362 | 34.057757 | 2.8261% | 1797 | 0.028555 | 35.020274 | 3.7832% | 1796 |
| 0.027514 | 36.345165 | 2.1272% | 1795 | 0.026941 | 37.118298 | 3.0879% | 1794 |
| 0.026134 | 38.264489 | 3.1625% | 1793 | 0.025333 | 39.474608 | 3.2904% | 1792 |
| 0.024526 | 40.773486 | 3.4024% | 1791 | 0.023719 | 42.160750 | 3.2296% | 1790 |
| 0.022977 | 43.522358 | 41.3145% | 1780 | 0.016259 | 61.503381 | 29.4353% | 1770 |
| 0.012562 | 79.607095 | 83.4728% | 1750 | 0.006847 | 146.057397 | 29.2845% | 1740 |
| 0.005296 | 188.829505 | 94.2514% | 1720 | 0.002726 | 366.803947 | 85.8111% | 1700 |
| 0.001467 | 681.562375 | 19.2490% | 1690 | 0.001230 | 812.756654 | 88.0250% | 1670 |
| 0.000654 | 1528.185880 | | | | | | |

BASE YEAR: 1956

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.797778 | 0.556242 | 8.2857% | 2001 | 1.660218 | 0.602330 | 1.0000% |
| 2000 | 1.643780 | 0.608354 | 1.0000% | 1999 | 1.627505 | 0.614437 | 1.0000% |
| 1998 | 1.611391 | 0.620582 | 1.0000% | 1997 | 1.595437 | 0.626788 | 1.0000% |
| 1996 | 1.579641 | 0.633055 | 1.0000% | 1995 | 1.564001 | 0.639386 | 0.9992% |
| 1994 | 1.548527 | 0.645775 | 1.0008% | 1993 | 1.533184 | 0.652238 | 1.0000% |
| 1992 | 1.518004 | 0.658760 | 0.9295% | 1991 | 1.504024 | 0.664883 | 1.2505% |
| 1990 | 1.485448 | 0.673198 | 0.7224% | 1989 | 1.474793 | 0.678061 | 1.1077% |
| 1988 | 1.458636 | 0.685572 | 0.8834% | 1987 | 1.445864 | 0.691628 | 0.5594% |
| 1986 | 1.437821 | 0.695497 | 1.3056% | 1985 | 1.419291 | 0.704577 | 0.7673% |
| 1984 | 1.408484 | 0.709983 | 0.8149% | 1983 | 1.397098 | 0.715769 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.383625 | 0.722739 | 0.9508% | 1981 | 1.370593 | 0.729611 | 0.9031% | 1980 |
| 1.358327 | 0.736200 | 2.2701% | 1979 | 1.328176 | 0.752912 | 1.0042% | 1978 |
| 1.314972 | 0.760473 | 0.9896% | 1977 | 1.302086 | 0.767998 | 0.9103% | 1976 |
| 1.290340 | 0.774990 | 0.8394% | 1975 | 1.279598 | 0.781495 | 0.9042% | 1974 |
| 1.268132 | 0.788561 | 1.1568% | 1973 | 1.253630 | 0.797683 | 0.9427% | 1972 |
| 1.241923 | 0.805203 | 0.7426% | 1971 | 1.232768 | 0.811183 | 1.4697% | 1970 |
| 1.214912 | 0.823105 | 0.6968% | 1969 | 1.206505 | 0.828841 | 0.8565% | 1968 |
| 1.196258 | 0.835940 | 1.5090% | 1967 | 1.178474 | 0.848555 | 0.9949% | 1966 |
| 1.166865 | 0.856997 | 1.0575% | 1965 | 1.154655 | 0.866059 | 1.1300% | 1964 |
| 1.141753 | 0.875846 | 1.5537% | 1963 | 1.124286 | 0.889454 | 1.4658% | 1962 |
| 1.108044 | 0.902491 | 1.5364% | 1961 | 1.091277 | 0.916358 | 2.1586% | 1960 |
| 1.068218 | 0.936139 | -1.6655% | 1959 | 1.086310 | 0.920547 | 4.3080% | 1958 |
| 1.041445 | 0.960204 | 2.1130% | 1957 | 1.019895 | 0.980493 | 1.9895% | 1956 |
| 1.000000 | 1.000000 | 2.1231% | 1955 | 0.979210 | 1.021231 | 1.4496% | 1954 |
| 0.965219 | 1.036035 | 2.1573% | 1953 | 0.944836 | 1.058385 | 1.2298% | 1952 |
| 0.933358 | 1.071400 | 1.6814% | 1951 | 0.917924 | 1.089415 | 1.6233% | 1950 |
| 0.903262 | 1.107099 | 1.4265% | 1949 | 0.890558 | 1.122892 | 1.7790% | 1948 |
| 0.874991 | 1.142869 | 1.8242% | 1947 | 0.859316 | 1.163716 | -2.6320% | 1946 |
| 0.882545 | 1.133087 | 3.1768% | 1945 | 0.855371 | 1.169083 | 6.4754% | 1944 |
| 0.803351 | 1.244786 | -0.3437% | 1943 | 0.806122 | 1.240508 | 0.6562% | 1942 |
| 0.800866 | 1.248648 | 0.6633% | 1941 | 0.795589 | 1.256931 | -5.6614% | 1940 |
| 0.843334 | 1.185770 | 8.0381% | 1939 | 0.780589 | 1.281084 | 0.8126% | 1938 |
| 0.774297 | 1.291494 | 0.7762% | 1937 | 0.768333 | 1.301520 | 0.6029% | 1936 |
| 0.763728 | 1.309366 | 0.5244% | 1935 | 0.759744 | 1.316232 | -3.0364% | 1934 |
| 0.783535 | 1.276267 | 4.6271% | 1933 | 0.748884 | 1.335321 | 1.3921% | 1932 |
| 0.738601 | 1.353910 | -0.2051% | 1931 | 0.740119 | 1.351134 | 0.8886% | 1930 |
| 0.733600 | 1.363140 | 1.0126% | 1929 | 0.726247 | 1.376943 | 1.1526% | 1928 |
| 0.717971 | 1.392813 | 1.2160% | 1927 | 0.709346 | 1.409750 | 1.4086% | 1926 |
| 0.699493 | 1.429607 | 1.7667% | 1925 | 0.687349 | 1.454864 | 1.4465% | 1924 |
| 0.677549 | 1.475909 | 1.7700% | 1923 | 0.665765 | 1.502032 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.655174 | 1.526313 | 1.3736% | 1921 | 0.646296 | 1.547279 | 2.3393% | 1920 |
| 0.631523 | 1.583474 | 1.3140% | 1919 | 0.623332 | 1.604281 | 0.7676% | 1918 |
| 0.618584 | 1.616596 | 0.3870% | 1917 | 0.616199 | 1.622852 | 1.3274% | 1916 |
| 0.608126 | 1.644395 | 1.4083% | 1915 | 0.599681 | 1.667553 | 1.4458% | 1914 |
| 0.591135 | 1.691662 | 1.9424% | 1913 | 0.579871 | 1.724521 | 1.9857% | 1912 |
| 0.568581 | 1.758764 | 1.5634% | 1911 | 0.559829 | 1.786261 | 1.8169% | 1910 |
| 0.549839 | 1.818716 | 1.8781% | 1909 | 0.539703 | 1.852872 | 2.0082% | 1908 |
| 0.529078 | 1.890082 | 1.9603% | 1907 | 0.518906 | 1.927133 | 1.8264% | 1906 |
| 0.509599 | 1.962329 | 1.9357% | 1905 | 0.499922 | 2.000313 | 2.0148% | 1904 |
| 0.490048 | 2.040616 | 2.1335% | 1903 | 0.479811 | 2.084153 | 1.8151% | 1902 |
| 0.471257 | 2.121984 | 1.8943% | 1901 | 0.462496 | 2.162182 | 3.0255% | 1900 |
| 0.448914 | 2.227598 | 0.6278% | 1899 | 0.446113 | 2.241584 | 1.7757% | 1898 |
| 0.438330 | 2.281387 | 1.8078% | 1897 | 0.430547 | 2.322629 | 1.8396% | 1896 |
| 0.422769 | 2.365356 | 1.8755% | 1895 | 0.414986 | 2.409719 | 1.9114% | 1894 |
| 0.407203 | 2.455778 | 1.9486% | 1893 | 0.399420 | 2.503632 | 1.9858% | 1892 |
| 0.391642 | 2.553350 | 2.0276% | 1891 | 0.383859 | 2.605122 | 2.6465% | 1890 |
| 0.373962 | 2.674067 | 1.5328% | 1889 | 0.368317 | 2.715055 | 2.0811% | 1888 |
| 0.360808 | 2.771559 | 2.1599% | 1887 | 0.353180 | 2.831421 | 2.2075% | 1886 |
| 0.345551 | 2.893925 | 2.2592% | 1885 | 0.337917 | 2.959304 | 2.3095% | 1884 |
| 0.330289 | 3.027650 | 2.3641% | 1883 | 0.322661 | 3.099228 | 2.4214% | 1882 |
| 0.315033 | 3.174273 | 2.4815% | 1881 | 0.307405 | 3.253041 | 3.7644% | 1880 |
| 0.296253 | 3.375499 | 0.9432% | 1879 | 0.293484 | 3.407337 | 2.1464% | 1878 |
| 0.287317 | 3.480472 | 2.1913% | 1877 | 0.281156 | 3.556739 | 2.2426% | 1876 |
| 0.274989 | 3.636503 | 2.2941% | 1875 | 0.268823 | 3.719927 | 2.3456% | 1874 |
| 0.262662 | 3.807181 | 2.4043% | 1873 | 0.256495 | 3.898718 | 2.4635% | 1872 |
| 0.250328 | 3.994764 | 2.5258% | 1871 | 0.244161 | 4.095663 | 5.9947% | 1870 |
| 0.230352 | 4.341185 | -1.0968% | 1869 | 0.232906 | 4.293571 | 2.1930% | 1868 |
| 0.227908 | 4.387728 | 2.2394% | 1867 | 0.222916 | 4.485987 | 2.2935% | 1866 |
| 0.217918 | 4.588873 | 2.3445% | 1865 | 0.212926 | 4.696458 | 2.4037% | 1864 |
| 0.207928 | 4.809347 | 2.4599% | 1863 | 0.202936 | 4.927651 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.197938 | 5.052075 | 2.5872% | 1861 | 0.192946 | 5.182784 | 2.9504% | 1860 |
| 0.187417 | 5.335697 | 2.4012% | 1859 | 0.183022 | 5.463820 | 2.7627% | 1858 |
| 0.178102 | 5.614770 | 2.8412% | 1857 | 0.173181 | 5.774297 | 2.9243% | 1856 |
| 0.168261 | 5.943154 | 3.0161% | 1855 | 0.163334 | 6.122407 | 3.1061% | 1854 |
| 0.158414 | 6.312573 | 3.2056% | 1853 | 0.153494 | 6.514930 | 3.3118% | 1852 |
| 0.148573 | 6.730691 | 3.4252% | 1851 | 0.143653 | 6.961233 | 4.0106% | 1850 |
| 0.138114 | 7.240420 | 2.3254% | 1849 | 0.134975 | 7.408787 | 2.7841% | 1848 |
| 0.131319 | 7.615054 | 2.8590% | 1847 | 0.127669 | 7.832769 | 2.9432% | 1846 |
| 0.124019 | 8.063300 | 3.0324% | 1845 | 0.120369 | 8.307811 | 3.1325% | 1844 |
| 0.116713 | 8.568054 | 3.2284% | 1843 | 0.113063 | 8.844662 | 3.3361% | 1842 |
| 0.109412 | 9.139725 | 3.4512% | 1841 | 0.105762 | 9.455154 | 3.8105% | 1840 |
| 0.101880 | 9.815442 | 2.3861% | 1839 | 0.099506 | 10.049643 | 2.5824% | 1838 |
| 0.097001 | 10.309164 | 2.6573% | 1837 | 0.094490 | 10.583112 | 2.7232% | 1836 |
| 0.091985 | 10.871312 | 2.7994% | 1835 | 0.089480 | 11.175648 | 2.8871% | 1834 |
| 0.086969 | 11.498303 | 2.9657% | 1833 | 0.084464 | 11.839306 | 3.0563% | 1832 |
| 0.081959 | 12.201153 | 3.1604% | 1831 | 0.079449 | 12.586762 | 3.4660% | 1830 |
| 0.076787 | 13.023014 | 2.4653% | 1829 | 0.074940 | 13.344071 | 2.6804% | 1828 |
| 0.072983 | 13.701745 | 10.3427% | 1827 | 0.066143 | 15.118868 | -4.2314% | 1826 |
| 0.069065 | 14.479123 | 2.9150% | 1825 | 0.067109 | 14.901195 | 3.0026% | 1824 |
| 0.065152 | 15.348613 | 3.0955% | 1823 | 0.063196 | 15.823731 | 3.1944% | 1822 |
| 0.061240 | 16.329202 | 3.3102% | 1821 | 0.059278 | 16.869730 | 3.2277% | 1820 |
| 0.057424 | 17.414241 | 2.6573% | 1819 | 0.055938 | 17.876986 | 2.6261% | 1818 |
| 0.054506 | 18.346455 | 2.6969% | 1817 | 0.053075 | 18.841246 | 2.7717% | 1816 |
| 0.051644 | 19.363466 | 2.8507% | 1815 | 0.050212 | 19.915459 | 2.9343% | 1814 |
| 0.048781 | 20.499847 | 3.0231% | 1813 | 0.047349 | 21.119568 | 3.1039% | 1812 |
| 0.045924 | 21.775097 | 3.2172% | 1811 | 0.044493 | 22.475637 | 3.0969% | 1810 |
| 0.043156 | 23.171688 | 2.9144% | 1809 | 0.041934 | 23.846999 | 2.8225% | 1808 |
| 0.040783 | 24.520072 | 2.9199% | 1807 | 0.039626 | 25.236040 | 2.9918% | 1806 |
| 0.038475 | 25.991048 | 3.0841% | 1805 | 0.037324 | 26.792625 | 3.1822% | 1804 |
| 0.036173 | 27.645218 | 3.2868% | 1803 | 0.035022 | 28.553857 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.033870 | 29.524256 | 3.5180% | 1801 | 0.032719 | 30.562933 | 3.3999% | 1800 |
| 0.031644 | 31.602056 | 2.8419% | 1799 | 0.030769 | 32.500145 | 2.7485% | 1798 |
| 0.029946 | 33.393398 | 2.8261% | 1797 | 0.029123 | 34.337139 | 3.7832% | 1796 |
| 0.028061 | 35.636185 | 2.1272% | 1795 | 0.027477 | 36.394237 | 3.0879% | 1794 |
| 0.026654 | 37.518069 | 3.1625% | 1793 | 0.025837 | 38.704582 | 3.2904% | 1792 |
| 0.025014 | 39.978124 | 3.4024% | 1791 | 0.024191 | 41.338326 | 3.2296% | 1790 |
| 0.023434 | 42.673373 | 41.3145% | 1780 | 0.016583 | 60.303643 | 29.4353% | 1770 |
| 0.012812 | 78.054211 | 83.4728% | 1750 | 0.006983 | 143.208276 | 29.2845% | 1740 |
| 0.005401 | 185.146036 | 94.2514% | 1720 | 0.002780 | 359.648756 | 85.8111% | 1700 |
| 0.001496 | 668.267238 | 19.2490% | 1690 | 0.001255 | 796.902329 | 88.0250% | 1670 |
| 0.000667 | 1498.375782 | | | | | | |

BASE YEAR: 1955

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.835947 | 0.544678 | 8.2857% | 2001 | 1.695466 | 0.589808 | 1.0000% |
| 2000 | 1.678679 | 0.595706 | 1.0000% | 1999 | 1.662059 | 0.601663 | 1.0000% |
| 1998 | 1.645603 | 0.607680 | 1.0000% | 1997 | 1.629310 | 0.613757 | 1.0000% |
| 1996 | 1.613178 | 0.619894 | 1.0000% | 1995 | 1.597206 | 0.626093 | 0.9992% |
| 1994 | 1.581404 | 0.632349 | 1.0008% | 1993 | 1.565735 | 0.638678 | 1.0000% |
| 1992 | 1.550232 | 0.645065 | 0.9295% | 1991 | 1.535955 | 0.651061 | 1.2505% |
| 1990 | 1.516985 | 0.659202 | 0.7224% | 1989 | 1.506104 | 0.663965 | 1.1077% |
| 1988 | 1.489605 | 0.671319 | 0.8834% | 1987 | 1.476561 | 0.677249 | 0.5594% |
| 1986 | 1.468348 | 0.681038 | 1.3056% | 1985 | 1.449424 | 0.689929 | 0.7673% |
| 1984 | 1.438387 | 0.695223 | 0.8149% | 1983 | 1.426760 | 0.700889 | 0.9737% |
| 1982 | 1.413001 | 0.707714 | 0.9508% | 1981 | 1.399692 | 0.714443 | 0.9031% |
| 1980 | 1.387165 | 0.720895 | 2.2701% | 1979 | 1.356375 | 0.737259 | 1.0042% |
| 1978 | 1.342890 | 0.744663 | 0.9896% | 1977 | 1.329731 | 0.752032 | 0.9103% |
| 1976 | 1.317735 | 0.758878 | 0.8394% | 1975 | 1.306765 | 0.765248 | 0.9042% |
| 1974 | 1.295056 | 0.772167 | 1.1568% | 1973 | 1.280246 | 0.781100 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.268290 | 0.788463 | 0.7426% | 1971 | 1.258941 | 0.794319 | 1.4697% | 1970 |
| 1.240705 | 0.805993 | 0.6968% | 1969 | 1.232120 | 0.811609 | 0.8565% | 1968 |
| 1.221656 | 0.818561 | 1.5090% | 1967 | 1.203495 | 0.830914 | 0.9949% | 1966 |
| 1.191639 | 0.839180 | 1.0575% | 1965 | 1.179170 | 0.848054 | 1.1300% | 1964 |
| 1.165994 | 0.857638 | 1.5537% | 1963 | 1.148155 | 0.870962 | 1.4658% | 1962 |
| 1.131569 | 0.883729 | 1.5364% | 1961 | 1.114446 | 0.897307 | 2.1586% | 1960 |
| 1.090897 | 0.916677 | -1.6655% | 1959 | 1.109374 | 0.901409 | 4.3080% | 1958 |
| 1.063556 | 0.940242 | 2.1130% | 1957 | 1.041548 | 0.960109 | 1.9895% | 1956 |
| 1.021231 | 0.979210 | 2.1231% | 1955 | 1.000000 | 1.000000 | 1.4496% | 1954 |
| 0.985711 | 1.014496 | 2.1573% | 1953 | 0.964896 | 1.036381 | 1.2298% | 1952 |
| 0.953174 | 1.049126 | 1.6814% | 1951 | 0.937413 | 1.066766 | 1.6233% | 1950 |
| 0.922439 | 1.084083 | 1.4265% | 1949 | 0.909465 | 1.099547 | 1.7790% | 1948 |
| 0.893568 | 1.119109 | 1.8242% | 1947 | 0.877560 | 1.139523 | -2.6320% | 1946 |
| 0.901282 | 1.109531 | 3.1768% | 1945 | 0.873532 | 1.144778 | 6.4754% | 1944 |
| 0.820407 | 1.218907 | -0.3437% | 1943 | 0.823236 | 1.214718 | 0.6562% | 1942 |
| 0.817869 | 1.222689 | 0.6633% | 1941 | 0.812480 | 1.230800 | -5.6614% | 1940 |
| 0.861238 | 1.161119 | 8.0381% | 1939 | 0.797162 | 1.254451 | 0.8126% | 1938 |
| 0.790736 | 1.264645 | 0.7762% | 1937 | 0.784645 | 1.274461 | 0.6029% | 1936 |
| 0.779943 | 1.282145 | 0.5244% | 1935 | 0.775874 | 1.288868 | -3.0364% | 1934 |
| 0.800171 | 1.249734 | 4.6271% | 1933 | 0.764783 | 1.307560 | 1.3921% | 1932 |
| 0.754283 | 1.325763 | -0.2051% | 1931 | 0.755833 | 1.323044 | 0.8886% | 1930 |
| 0.749176 | 1.334801 | 1.0126% | 1929 | 0.741666 | 1.348317 | 1.1526% | 1928 |
| 0.733215 | 1.363857 | 1.2160% | 1927 | 0.724406 | 1.380442 | 1.4086% | 1926 |
| 0.714344 | 1.399886 | 1.7667% | 1925 | 0.701943 | 1.424618 | 1.4465% | 1924 |
| 0.691934 | 1.445225 | 1.7700% | 1923 | 0.679900 | 1.470805 | 1.6165% | 1922 |
| 0.669084 | 1.494581 | 1.3736% | 1921 | 0.660017 | 1.515111 | 2.3393% | 1920 |
| 0.644931 | 1.550555 | 1.3140% | 1919 | 0.636566 | 1.570929 | 0.7676% | 1918 |
| 0.631717 | 1.582988 | 0.3870% | 1917 | 0.629281 | 1.589114 | 1.3274% | 1916 |
| 0.621038 | 1.610209 | 1.4083% | 1915 | 0.612413 | 1.632885 | 1.4458% | 1914 |
| 0.603685 | 1.656493 | 1.9424% | 1913 | 0.592182 | 1.688669 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.580653 | 1.722200 | 1.5634% | 1911 | 0.571714 | 1.749125 | 1.8169% | 1910 |
| 0.561512 | 1.780905 | 1.8781% | 1909 | 0.551161 | 1.814352 | 2.0082% | 1908 |
| 0.540310 | 1.850788 | 1.9603% | 1907 | 0.529922 | 1.887068 | 1.8264% | 1906 |
| 0.520418 | 1.921533 | 1.9357% | 1905 | 0.510536 | 1.958728 | 2.0148% | 1904 |
| 0.500452 | 1.998193 | 2.1335% | 1903 | 0.489998 | 2.040825 | 1.8151% | 1902 |
| 0.481262 | 2.077869 | 1.8943% | 1901 | 0.472315 | 2.117231 | 3.0255% | 1900 |
| 0.458445 | 2.181288 | 0.6278% | 1899 | 0.455584 | 2.194983 | 1.7757% | 1898 |
| 0.447636 | 2.233958 | 1.8078% | 1897 | 0.439688 | 2.274342 | 1.8396% | 1896 |
| 0.431745 | 2.316181 | 1.8755% | 1895 | 0.423797 | 2.359622 | 1.9114% | 1894 |
| 0.415848 | 2.404724 | 1.9486% | 1893 | 0.407900 | 2.451583 | 1.9858% | 1892 |
| 0.399957 | 2.500267 | 2.0276% | 1891 | 0.392009 | 2.550963 | 2.6465% | 1890 |
| 0.381902 | 2.618474 | 1.5328% | 1889 | 0.376136 | 2.658611 | 2.0811% | 1888 |
| 0.368468 | 2.713940 | 2.1599% | 1887 | 0.360678 | 2.772557 | 2.2075% | 1886 |
| 0.352888 | 2.833762 | 2.2592% | 1885 | 0.345092 | 2.897781 | 2.3095% | 1884 |
| 0.337301 | 2.964707 | 2.3641% | 1883 | 0.329511 | 3.034797 | 2.4214% | 1882 |
| 0.321721 | 3.108281 | 2.4815% | 1881 | 0.313931 | 3.185412 | 3.7644% | 1880 |
| 0.302542 | 3.305323 | 0.9432% | 1879 | 0.299715 | 3.336500 | 2.1464% | 1878 |
| 0.293417 | 3.408114 | 2.1913% | 1877 | 0.287126 | 3.482796 | 2.2426% | 1876 |
| 0.280828 | 3.560902 | 2.2941% | 1875 | 0.274530 | 3.642591 | 2.3456% | 1874 |
| 0.268238 | 3.728031 | 2.4043% | 1873 | 0.261940 | 3.817665 | 2.4635% | 1872 |
| 0.255642 | 3.911715 | 2.5258% | 1871 | 0.249344 | 4.010516 | 5.9947% | 1870 |
| 0.235242 | 4.250933 | -1.0968% | 1869 | 0.237851 | 4.204310 | 2.1930% | 1868 |
| 0.232747 | 4.296509 | 2.2394% | 1867 | 0.227649 | 4.392725 | 2.2935% | 1866 |
| 0.222545 | 4.493473 | 2.3445% | 1865 | 0.217447 | 4.598821 | 2.4037% | 1864 |
| 0.212343 | 4.709362 | 2.4599% | 1863 | 0.207245 | 4.825207 | 2.5250% | 1862 |
| 0.202141 | 4.947044 | 2.5872% | 1861 | 0.197043 | 5.075036 | 2.9504% | 1860 |
| 0.191396 | 5.224771 | 2.4012% | 1859 | 0.186908 | 5.350230 | 2.7627% | 1858 |
| 0.181883 | 5.498041 | 2.8412% | 1857 | 0.176858 | 5.654251 | 2.9243% | 1856 |
| 0.171833 | 5.819598 | 3.0161% | 1855 | 0.166802 | 5.995125 | 3.1061% | 1854 |
| 0.161777 | 6.181337 | 3.2056% | 1853 | 0.156752 | 6.379488 | 3.3118% | 1852 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.151727 | 6.590763 | 3.4252% | 1851 | 0.146703 | 6.816512 | 4.0106% | 1850 |
| 0.141046 | 7.089895 | 2.3254% | 1849 | 0.137841 | 7.254761 | 2.7841% | 1848 |
| 0.134107 | 7.456740 | 2.8590% | 1847 | 0.130379 | 7.669929 | 2.9432% | 1846 |
| 0.126652 | 7.895667 | 3.0324% | 1845 | 0.122924 | 8.135096 | 3.1325% | 1844 |
| 0.119191 | 8.389928 | 3.2284% | 1843 | 0.115463 | 8.660785 | 3.3361% | 1842 |
| 0.111735 | 8.949714 | 3.4512% | 1841 | 0.108008 | 9.258586 | 3.8105% | 1840 |
| 0.104043 | 9.611383 | 2.3861% | 1839 | 0.101619 | 9.840716 | 2.5824% | 1838 |
| 0.099060 | 10.094841 | 2.6573% | 1837 | 0.096496 | 10.363094 | 2.7232% | 1836 |
| 0.093938 | 10.645302 | 2.7994% | 1835 | 0.091380 | 10.943311 | 2.8871% | 1834 |
| 0.088816 | 11.259258 | 2.9657% | 1833 | 0.086258 | 11.593172 | 3.0563% | 1832 |
| 0.083700 | 11.947497 | 3.1604% | 1831 | 0.081135 | 12.325088 | 3.4660% | 1830 |
| 0.078417 | 12.752272 | 2.4653% | 1829 | 0.076531 | 13.066653 | 2.6804% | 1828 |
| 0.074533 | 13.416891 | 10.3427% | 1827 | 0.067547 | 14.804554 | -4.2314% | 1826 |
| 0.070531 | 14.178109 | 2.9150% | 1825 | 0.068533 | 14.591406 | 3.0026% | 1824 |
| 0.066536 | 15.029522 | 3.0955% | 1823 | 0.064538 | 15.494762 | 3.1944% | 1822 |
| 0.062540 | 15.989725 | 3.3102% | 1821 | 0.060536 | 16.519016 | 3.2277% | 1820 |
| 0.058643 | 17.052207 | 2.6573% | 1819 | 0.057125 | 17.505331 | 2.6261% | 1818 |
| 0.055664 | 17.965040 | 2.6969% | 1817 | 0.054202 | 18.449545 | 2.7717% | 1816 |
| 0.052740 | 18.960908 | 2.8507% | 1815 | 0.051278 | 19.501425 | 2.9343% | 1814 |
| 0.049817 | 20.073664 | 3.0231% | 1813 | 0.048355 | 20.680501 | 3.1039% | 1812 |
| 0.046899 | 21.322403 | 3.2172% | 1811 | 0.045437 | 22.008378 | 3.0969% | 1810 |
| 0.044072 | 22.689959 | 2.9144% | 1809 | 0.042824 | 23.351230 | 2.8225% | 1808 |
| 0.041649 | 24.010310 | 2.9199% | 1807 | 0.040467 | 24.711394 | 2.9918% | 1806 |
| 0.039292 | 25.450705 | 3.0841% | 1805 | 0.038116 | 26.235618 | 3.1822% | 1804 |
| 0.036941 | 27.070486 | 3.2868% | 1803 | 0.035765 | 27.960235 | 3.3985% | 1802 |
| 0.034590 | 28.910460 | 3.5180% | 1801 | 0.033414 | 29.927543 | 3.3999% | 1800 |
| 0.032315 | 30.945063 | 2.8419% | 1799 | 0.031422 | 31.824481 | 2.7485% | 1798 |
| 0.030582 | 32.699164 | 2.8261% | 1797 | 0.029741 | 33.623285 | 3.7832% | 1796 |
| 0.028657 | 34.895324 | 2.1272% | 1795 | 0.028060 | 35.637617 | 3.0879% | 1794 |
| 0.027220 | 36.738085 | 3.1625% | 1793 | 0.026385 | 37.899931 | 3.2904% | 1792 |

0.025545 39.146996 3.4024% 1791 0.024704 40.478920 3.2296% 1790
0.023931 41.786212 41.3145% 1780 0.016935 59.049957 29.4353% 1770
0.013084 76.431498 83.4728% 1750 0.007131 140.231039 29.2845% 1740
0.005516 181.296930 94.2514% 1720 0.002840 352.171815 85.8111%
1700 0.001528 654.374253 19.2490% 1690 0.001282 780.335076
88.0250% 1670 0.000682 1467.225201

BASE YEAR: 1954

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 1.862561 | 0.536895 | 8.2857% | 2001 | 1.720044 | 0.581380 | 1.0000% |
| 2000 | 1.703014 | 0.587194 | 1.0000% | 1999 | 1.686152 | 0.593066 | 1.0000% |
| 1998 | 1.669458 | 0.598997 | 1.0000% | 1997 | 1.652928 | 0.604987 | 1.0000% |
| 1996 | 1.636563 | 0.611037 | 1.0000% | 1995 | 1.620359 | 0.617147 | 0.9992% |
| 1994 | 1.604328 | 0.623314 | 1.0008% | 1993 | 1.588432 | 0.629552 | 1.0000% |
| 1992 | 1.572705 | 0.635847 | 0.9295% | 1991 | 1.558221 | 0.641758 | 1.2505% |
| 1990 | 1.538976 | 0.649783 | 0.7224% | 1989 | 1.527937 | 0.654477 | 1.1077% |
| 1988 | 1.511198 | 0.661727 | 0.8834% | 1987 | 1.497966 | 0.667572 | 0.5594% |
| 1986 | 1.489633 | 0.671306 | 1.3056% | 1985 | 1.470435 | 0.680071 | 0.7673% |
| 1984 | 1.459238 | 0.685289 | 0.8149% | 1983 | 1.447442 | 0.690874 | 0.9737% |
| 1982 | 1.433484 | 0.697601 | 0.9508% | 1981 | 1.419983 | 0.704234 | 0.9031% |
| 1980 | 1.407274 | 0.710594 | 2.2701% | 1979 | 1.376037 | 0.726725 | 1.0042% |
| 1978 | 1.362356 | 0.734022 | 0.9896% | 1977 | 1.349007 | 0.741286 | 0.9103% |
| 1976 | 1.336837 | 0.748034 | 0.8394% | 1975 | 1.325708 | 0.754314 | 0.9042% |
| 1974 | 1.313829 | 0.761134 | 1.1568% | 1973 | 1.298805 | 0.769939 | 0.9427% |
| 1972 | 1.286675 | 0.777197 | 0.7426% | 1971 | 1.277190 | 0.782969 | 1.4697% |
| 1970 | 1.258691 | 0.794476 | 0.6968% | 1969 | 1.249981 | 0.800012 | 0.8565% |
| 1968 | 1.239365 | 0.806865 | 1.5090% | 1967 | 1.220941 | 0.819041 | 0.9949% |
| 1966 | 1.208913 | 0.827189 | 1.0575% | 1965 | 1.196263 | 0.835937 | 1.1300% |
| 1964 | 1.182896 | 0.845383 | 1.5537% | 1963 | 1.164799 | 0.858517 | 1.4658% |
| 1962 | 1.147972 | 0.871101 | 1.5364% | 1961 | 1.130601 | 0.884485 | 2.1586% |
| 1960 | 1.106711 | 0.903578 | -1.6655% | 1959 | 1.125455 | 0.888529 | 4.3080% |
| 1958 | 1.078973 | 0.926807 | 2.1130% | 1957 | 1.056647 | 0.946390 | 1.9895% |
| 1956 | 1.036035 | 0.965219 | 2.1231% | 1955 | 1.014496 | 0.985711 | 1.4496% |
| 1954 | 1.000000 | 1.000000 | 2.1573% | 1953 | 0.978883 | 1.021573 | 1.2298% |
| 1952 | 0.966991 | 1.034135 | 1.6814% | 1951 | 0.951001 | 1.051523 | 1.6233% |
| 1950 | 0.935811 | 1.068592 | 1.4265% | 1949 | 0.922649 | 1.083836 | 1.7790% |
| 1948 | 0.906521 | 1.103118 | 1.8242% | 1947 | 0.890281 | 1.123241 | -2.6320% |
| 1946 | 0.914347 | 1.093676 | 3.1768% | 1945 | 0.886195 | 1.128420 | 6.4754% |
| 1944 | 0.832300 | 1.201490 | -0.3437% | 1943 | 0.835170 | 1.197361 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.829725 | 1.205218 | 0.6633% | 1941 | 0.824258 | 1.213213 | -5.6614% | 1940 |
| 0.873723 | 1.144527 | 8.0381% | 1939 | 0.808717 | 1.236526 | 0.8126% | 1938 |
| 0.802199 | 1.246574 | 0.7762% | 1937 | 0.796019 | 1.256251 | 0.6029% | 1936 |
| 0.791249 | 1.263824 | 0.5244% | 1935 | 0.787122 | 1.270452 | -3.0364% | 1934 |
| 0.811770 | 1.231876 | 4.6271% | 1933 | 0.775869 | 1.288877 | 1.3921% | 1932 |
| 0.765217 | 1.306819 | -0.2051% | 1931 | 0.766789 | 1.304139 | 0.8886% | 1930 |
| 0.760036 | 1.315728 | 1.0126% | 1929 | 0.752417 | 1.329051 | 1.1526% | 1928 |
| 0.743843 | 1.344369 | 1.2160% | 1927 | 0.734907 | 1.360717 | 1.4086% | 1926 |
| 0.724699 | 1.379884 | 1.7667% | 1925 | 0.712118 | 1.404262 | 1.4465% | 1924 |
| 0.701964 | 1.424574 | 1.7700% | 1923 | 0.689756 | 1.449789 | 1.6165% | 1922 |
| 0.678783 | 1.473225 | 1.3736% | 1921 | 0.669585 | 1.493462 | 2.3393% | 1920 |
| 0.654280 | 1.528399 | 1.3140% | 1919 | 0.645794 | 1.548482 | 0.7676% | 1918 |
| 0.640874 | 1.560369 | 0.3870% | 1917 | 0.638404 | 1.566407 | 1.3274% | 1916 |
| 0.630040 | 1.587200 | 1.4083% | 1915 | 0.621291 | 1.609553 | 1.4458% | 1914 |
| 0.612436 | 1.632824 | 1.9424% | 1913 | 0.600767 | 1.664539 | 1.9857% | 1912 |
| 0.589070 | 1.697592 | 1.5634% | 1911 | 0.580002 | 1.724132 | 1.8169% | 1910 |
| 0.569652 | 1.755458 | 1.8781% | 1909 | 0.559151 | 1.788426 | 2.0082% | 1908 |
| 0.548143 | 1.824342 | 1.9603% | 1907 | 0.537604 | 1.860104 | 1.8264% | 1906 |
| 0.527962 | 1.894076 | 1.9357% | 1905 | 0.517936 | 1.930739 | 2.0148% | 1904 |
| 0.507707 | 1.969641 | 2.1335% | 1903 | 0.497101 | 2.011663 | 1.8151% | 1902 |
| 0.488239 | 2.048178 | 1.8943% | 1901 | 0.479162 | 2.086978 | 3.0255% | 1900 |
| 0.465090 | 2.150119 | 0.6278% | 1899 | 0.462189 | 2.163618 | 1.7757% | 1898 |
| 0.454125 | 2.202037 | 1.8078% | 1897 | 0.446061 | 2.241844 | 1.8396% | 1896 |
| 0.438004 | 2.283085 | 1.8755% | 1895 | 0.429940 | 2.325905 | 1.9114% | 1894 |
| 0.421876 | 2.370363 | 1.9486% | 1893 | 0.413813 | 2.416552 | 1.9858% | 1892 |
| 0.405755 | 2.464540 | 2.0276% | 1891 | 0.397691 | 2.514512 | 2.6465% | 1890 |
| 0.387438 | 2.581059 | 1.5328% | 1889 | 0.381589 | 2.620622 | 2.0811% | 1888 |
| 0.373809 | 2.675160 | 2.1599% | 1887 | 0.365906 | 2.732940 | 2.2075% | 1886 |
| 0.358003 | 2.793270 | 2.2592% | 1885 | 0.350094 | 2.856375 | 2.3095% | 1884 |
| 0.342191 | 2.922344 | 2.3641% | 1883 | 0.334288 | 2.991433 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.326385 | 3.063867 | 2.4815% | 1881 | 0.318482 | 3.139896 | 3.7644% | 1880 |
| 0.306928 | 3.258094 | 0.9432% | 1879 | 0.304060 | 3.288825 | 2.1464% | 1878 |
| 0.297671 | 3.359416 | 2.1913% | 1877 | 0.291288 | 3.433031 | 2.2426% | 1876 |
| 0.284899 | 3.510020 | 2.2941% | 1875 | 0.278509 | 3.590542 | 2.3456% | 1874 |
| 0.272126 | 3.674762 | 2.4043% | 1873 | 0.265737 | 3.763114 | 2.4635% | 1872 |
| 0.259348 | 3.855821 | 2.5258% | 1871 | 0.252959 | 3.953210 | 5.9947% | 1870 |
| 0.238653 | 4.190192 | -1.0968% | 1869 | 0.241299 | 4.144234 | 2.1930% | 1868 |
| 0.236121 | 4.235116 | 2.2394% | 1867 | 0.230949 | 4.329958 | 2.2935% | 1866 |
| 0.225771 | 4.429265 | 2.3445% | 1865 | 0.220599 | 4.533108 | 2.4037% | 1864 |
| 0.215421 | 4.642070 | 2.4599% | 1863 | 0.210249 | 4.756260 | 2.5250% | 1862 |
| 0.205071 | 4.876356 | 2.5872% | 1861 | 0.199899 | 5.002519 | 2.9504% | 1860 |
| 0.194170 | 5.150114 | 2.4012% | 1859 | 0.189617 | 5.273780 | 2.7627% | 1858 |
| 0.184520 | 5.419480 | 2.8412% | 1857 | 0.179422 | 5.573458 | 2.9243% | 1856 |
| 0.174324 | 5.736442 | 3.0161% | 1855 | 0.169220 | 5.909461 | 3.1061% | 1854 |
| 0.164122 | 6.093012 | 3.2056% | 1853 | 0.159025 | 6.288332 | 3.3118% | 1852 |
| 0.153927 | 6.496588 | 3.4252% | 1851 | 0.148829 | 6.719111 | 4.0106% | 1850 |
| 0.143090 | 6.988588 | 2.3254% | 1849 | 0.139839 | 7.151098 | 2.7841% | 1848 |
| 0.136051 | 7.350191 | 2.8590% | 1847 | 0.132269 | 7.560334 | 2.9432% | 1846 |
| 0.128488 | 7.782846 | 3.0324% | 1845 | 0.124706 | 8.018853 | 3.1325% | 1844 |
| 0.120918 | 8.270044 | 3.2284% | 1843 | 0.117137 | 8.537031 | 3.3361% | 1842 |
| 0.113355 | 8.821832 | 3.4512% | 1841 | 0.109574 | 9.126290 | 3.8105% | 1840 |
| 0.105552 | 9.474046 | 2.3861% | 1839 | 0.103092 | 9.700102 | 2.5824% | 1838 |
| 0.100496 | 9.950596 | 2.6573% | 1837 | 0.097895 | 10.215016 | 2.7232% | 1836 |
| 0.095300 | 10.493192 | 2.7994% | 1835 | 0.092705 | 10.786943 | 2.8871% | 1834 |
| 0.090103 | 11.098375 | 2.9657% | 1833 | 0.087508 | 11.427517 | 3.0563% | 1832 |
| 0.084913 | 11.776779 | 3.1604% | 1831 | 0.082311 | 12.148975 | 3.4660% | 1830 |
| 0.079554 | 12.570055 | 2.4653% | 1829 | 0.077640 | 12.879944 | 2.6804% | 1828 |
| 0.075613 | 13.225178 | 10.3427% | 1827 | 0.068526 | 14.593012 | -4.2314% | 1826 |
| 0.071554 | 13.975518 | 2.9150% | 1825 | 0.069527 | 14.382910 | 3.0026% | 1824 |
| 0.067500 | 14.814766 | 3.0955% | 1823 | 0.065473 | 15.273358 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.063447 | 15.761249 | 3.3102% | 1821 | 0.061414 | 16.282976 | 3.2277% | 1820 |
| 0.059494 | 16.808548 | 2.6573% | 1819 | 0.057954 | 17.255198 | 2.6261% | 1818 |
| 0.056471 | 17.708338 | 2.6969% | 1817 | 0.054988 | 18.185920 | 2.7717% | 1816 |
| 0.053505 | 18.689976 | 2.8507% | 1815 | 0.052022 | 19.222770 | 2.9343% | 1814 |
| 0.050539 | 19.786832 | 3.0231% | 1813 | 0.049056 | 20.384998 | 3.1039% | 1812 |
| 0.047579 | 21.017727 | 3.2172% | 1811 | 0.046096 | 21.693901 | 3.0969% | 1810 |
| 0.044711 | 22.365743 | 2.9144% | 1809 | 0.043445 | 23.017565 | 2.8225% | 1808 |
| 0.042253 | 23.667227 | 2.9199% | 1807 | 0.041054 | 24.358293 | 2.9918% | 1806 |
| 0.039861 | 25.087041 | 3.0841% | 1805 | 0.038669 | 25.860738 | 3.1822% | 1804 |
| 0.037476 | 26.683677 | 3.2868% | 1803 | 0.036284 | 27.560712 | 3.3985% | 1802 |
| 0.035091 | 28.497359 | 3.5180% | 1801 | 0.033898 | 29.499909 | 3.3999% | 1800 |
| 0.032784 | 30.502890 | 2.8419% | 1799 | 0.031878 | 31.369742 | 2.7485% | 1798 |
| 0.031025 | 32.231926 | 2.8261% | 1797 | 0.030172 | 33.142843 | 3.7832% | 1796 |
| 0.029073 | 34.396706 | 2.1272% | 1795 | 0.028467 | 35.128392 | 3.0879% | 1794 |
| 0.027614 | 36.213135 | 3.1625% | 1793 | 0.026768 | 37.358380 | 3.2904% | 1792 |
| 0.025915 | 38.587625 | 3.4024% | 1791 | 0.025062 | 39.900518 | 3.2296% | 1790 |
| 0.024278 | 41.189130 | 41.3145% | 1780 | 0.017180 | 58.206193 | 29.4353% | 1770 |
| 0.013273 | 75.339370 | 83.4728% | 1750 | 0.007234 | 138.227280 | 29.2845% | 1740 |
| 0.005596 | 178.706383 | 94.2514% | 1720 | 0.002881 | 347.139640 | 85.8111% | 1700 |
| 0.001550 | 645.023914 | 19.2490% | 1690 | 0.001300 | 769.184886 | 88.0250% | 1670 |
| 0.000691 | 1446.260054 | | | | | | |

BASE YEAR: 1953

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.902741 | 0.525558 | 8.2857% | 2001 | 1.757150 | 0.569103 | 1.0000% |
| 2000 | 1.739752 | 0.574795 | 1.0000% | 1999 | 1.722527 | 0.580543 | 1.0000% |
| 1998 | 1.705472 | 0.586348 | 1.0000% | 1997 | 1.688586 | 0.592211 | 1.0000% |
| 1996 | 1.671867 | 0.598134 | 1.0000% | 1995 | 1.655314 | 0.604115 | 0.9992% |
| 1994 | 1.638938 | 0.610151 | 1.0008% | 1993 | 1.622698 | 0.616258 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.606632 | 0.622420 | 0.9295% | 1991 | 1.591836 | 0.628206 | 1.2505% | 1990 |
| 1.572175 | 0.636061 | 0.7224% | 1989 | 1.560899 | 0.640657 | 1.1077% | 1988 |
| 1.543798 | 0.647753 | 0.8834% | 1987 | 1.530280 | 0.653475 | 0.5594% | 1986 |
| 1.521768 | 0.657130 | 1.3056% | 1985 | 1.502156 | 0.665710 | 0.7673% | 1984 |
| 1.490718 | 0.670818 | 0.8149% | 1983 | 1.478667 | 0.676285 | 0.9737% | 1982 |
| 1.464408 | 0.682870 | 0.9508% | 1981 | 1.450615 | 0.689363 | 0.9031% | 1980 |
| 1.437632 | 0.695588 | 2.2701% | 1979 | 1.405722 | 0.711378 | 1.0042% | 1978 |
| 1.391746 | 0.718522 | 0.9896% | 1977 | 1.378108 | 0.725633 | 0.9103% | 1976 |
| 1.365676 | 0.732238 | 0.8394% | 1975 | 1.354307 | 0.738385 | 0.9042% | 1974 |
| 1.342172 | 0.745061 | 1.1568% | 1973 | 1.326823 | 0.753680 | 0.9427% | 1972 |
| 1.314432 | 0.760785 | 0.7426% | 1971 | 1.304742 | 0.766435 | 1.4697% | 1970 |
| 1.285844 | 0.777699 | 0.6968% | 1969 | 1.276946 | 0.783119 | 0.8565% | 1968 |
| 1.266101 | 0.789826 | 1.5090% | 1967 | 1.247279 | 0.801745 | 0.9949% | 1966 |
| 1.234992 | 0.809722 | 1.0575% | 1965 | 1.222069 | 0.818284 | 1.1300% | 1964 |
| 1.208414 | 0.827531 | 1.5537% | 1963 | 1.189927 | 0.840388 | 1.4658% | 1962 |
| 1.172737 | 0.852706 | 1.5364% | 1961 | 1.154991 | 0.865808 | 2.1586% | 1960 |
| 1.130586 | 0.884497 | -1.6655% | 1959 | 1.149734 | 0.869766 | 4.3080% | 1958 |
| 1.102249 | 0.907236 | 2.1130% | 1957 | 1.079441 | 0.926405 | 1.9895% | 1956 |
| 1.058385 | 0.944836 | 2.1231% | 1955 | 1.036381 | 0.964896 | 1.4496% | 1954 |
| 1.021573 | 0.978883 | 2.1573% | 1953 | 1.000000 | 1.000000 | 1.2298% | 1952 |
| 0.987852 | 1.012298 | 1.6814% | 1951 | 0.971517 | 1.029318 | 1.6233% | 1950 |
| 0.955999 | 1.046027 | 1.4265% | 1949 | 0.942553 | 1.060949 | 1.7790% | 1948 |
| 0.926077 | 1.079823 | 1.8242% | 1947 | 0.909487 | 1.099521 | -2.6320% | 1946 |
| 0.934072 | 1.070581 | 3.1768% | 1945 | 0.905312 | 1.104592 | 6.4754% | 1944 |
| 0.850255 | 1.176118 | -0.3437% | 1943 | 0.853187 | 1.172076 | 0.6562% | 1942 |
| 0.847624 | 1.179768 | 0.6633% | 1941 | 0.842039 | 1.187593 | -5.6614% | 1940 |
| 0.892571 | 1.120359 | 8.0381% | 1939 | 0.826164 | 1.210414 | 0.8126% | 1938 |
| 0.819504 | 1.220250 | 0.7762% | 1937 | 0.813192 | 1.229722 | 0.6029% | 1936 |
| 0.808318 | 1.237136 | 0.5244% | 1935 | 0.804102 | 1.243624 | -3.0364% | 1934 |
| 0.829282 | 1.205863 | 4.6271% | 1933 | 0.792607 | 1.261659 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.781724 | 1.279223 | -0.2051% | 1931 | 0.783331 | 1.276600 | 0.8886% | 1930 |
| 0.776432 | 1.287944 | 1.0126% | 1929 | 0.768648 | 1.300985 | 1.1526% | 1928 |
| 0.759890 | 1.315980 | 1.2160% | 1927 | 0.750761 | 1.331982 | 1.4086% | 1926 |
| 0.740332 | 1.350745 | 1.7667% | 1925 | 0.727480 | 1.374608 | 1.4465% | 1924 |
| 0.717107 | 1.394492 | 1.7700% | 1923 | 0.704635 | 1.419174 | 1.6165% | 1922 |
| 0.693426 | 1.442115 | 1.3736% | 1921 | 0.684030 | 1.461925 | 2.3393% | 1920 |
| 0.668394 | 1.496124 | 1.3140% | 1919 | 0.659725 | 1.515783 | 0.7676% | 1918 |
| 0.654699 | 1.527419 | 0.3870% | 1917 | 0.652176 | 1.533329 | 1.3274% | 1916 |
| 0.643632 | 1.553683 | 1.4083% | 1915 | 0.634693 | 1.575564 | 1.4458% | 1914 |
| 0.625648 | 1.598343 | 1.9424% | 1913 | 0.613727 | 1.629389 | 1.9857% | 1912 |
| 0.601778 | 1.661744 | 1.5634% | 1911 | 0.592514 | 1.687723 | 1.8169% | 1910 |
| 0.581941 | 1.718388 | 1.8781% | 1909 | 0.571213 | 1.750660 | 2.0082% | 1908 |
| 0.559968 | 1.785818 | 1.9603% | 1907 | 0.549202 | 1.820824 | 1.8264% | 1906 |
| 0.539351 | 1.854079 | 1.9357% | 1905 | 0.529110 | 1.889968 | 2.0148% | 1904 |
| 0.518659 | 1.928048 | 2.1335% | 1903 | 0.507825 | 1.969183 | 1.8151% | 1902 |
| 0.498771 | 2.004927 | 1.8943% | 1901 | 0.489499 | 2.042907 | 3.0255% | 1900 |
| 0.475124 | 2.104715 | 0.6278% | 1899 | 0.472159 | 2.117929 | 1.7757% | 1898 |
| 0.463922 | 2.155537 | 1.8078% | 1897 | 0.455684 | 2.194503 | 1.8396% | 1896 |
| 0.447453 | 2.234873 | 1.8755% | 1895 | 0.439215 | 2.276789 | 1.9114% | 1894 |
| 0.430977 | 2.320308 | 1.9486% | 1893 | 0.422740 | 2.365522 | 1.9858% | 1892 |
| 0.414508 | 2.412497 | 2.0276% | 1891 | 0.406271 | 2.461413 | 2.6465% | 1890 |
| 0.395796 | 2.526555 | 1.5328% | 1889 | 0.389821 | 2.565282 | 2.0811% | 1888 |
| 0.381873 | 2.618669 | 2.1599% | 1887 | 0.373800 | 2.675228 | 2.2075% | 1886 |
| 0.365726 | 2.734285 | 2.2592% | 1885 | 0.357646 | 2.796057 | 2.3095% | 1884 |
| 0.349573 | 2.860633 | 2.3641% | 1883 | 0.341499 | 2.928262 | 2.4214% | 1882 |
| 0.333426 | 2.999167 | 2.4815% | 1881 | 0.325352 | 3.073590 | 3.7644% | 1880 |
| 0.313549 | 3.189293 | 0.9432% | 1879 | 0.310619 | 3.219375 | 2.1464% | 1878 |
| 0.304092 | 3.288475 | 2.1913% | 1877 | 0.297572 | 3.360535 | 2.2426% | 1876 |
| 0.291045 | 3.435899 | 2.2941% | 1875 | 0.284518 | 3.514721 | 2.3456% | 1874 |
| 0.277997 | 3.597162 | 2.4043% | 1873 | 0.271470 | 3.683649 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.264943 | 3.774397 | 2.5258% | 1871 | 0.258416 | 3.869730 | 5.9947% | 1870 |
| 0.243801 | 4.101708 | -1.0968% | 1869 | 0.246505 | 4.056721 | 2.1930% | 1868 |
| 0.241215 | 4.145683 | 2.2394% | 1867 | 0.235931 | 4.238522 | 2.2935% | 1866 |
| 0.230642 | 4.335733 | 2.3445% | 1865 | 0.225358 | 4.437383 | 2.4037% | 1864 |
| 0.220068 | 4.544044 | 2.4599% | 1863 | 0.214785 | 4.655822 | 2.5250% | 1862 |
| 0.209495 | 4.773382 | 2.5872% | 1861 | 0.204212 | 4.896881 | 2.9504% | 1860 |
| 0.198359 | 5.041359 | 2.4012% | 1859 | 0.193708 | 5.162414 | 2.7627% | 1858 |
| 0.188500 | 5.305037 | 2.8412% | 1857 | 0.183292 | 5.455763 | 2.9243% | 1856 |
| 0.178085 | 5.615306 | 3.0161% | 1855 | 0.172871 | 5.784671 | 3.1061% | 1854 |
| 0.167663 | 5.964346 | 3.2056% | 1853 | 0.162455 | 6.155541 | 3.3118% | 1852 |
| 0.157248 | 6.359399 | 3.4252% | 1851 | 0.152040 | 6.577223 | 4.0106% | 1850 |
| 0.146177 | 6.841010 | 2.3254% | 1849 | 0.142855 | 7.000088 | 2.7841% | 1848 |
| 0.138986 | 7.194977 | 2.8590% | 1847 | 0.135123 | 7.400682 | 2.9432% | 1846 |
| 0.131260 | 7.618496 | 3.0324% | 1845 | 0.127396 | 7.849519 | 3.1325% | 1844 |
| 0.123527 | 8.095406 | 3.2284% | 1843 | 0.119664 | 8.356755 | 3.3361% | 1842 |
| 0.115801 | 8.635541 | 3.4512% | 1841 | 0.111937 | 8.933570 | 3.8105% | 1840 |
| 0.107829 | 9.273983 | 2.3861% | 1839 | 0.105316 | 9.495265 | 2.5824% | 1838 |
| 0.102664 | 9.740470 | 2.6573% | 1837 | 0.100007 | 9.999306 | 2.7232% | 1836 |
| 0.097356 | 10.271607 | 2.7994% | 1835 | 0.094705 | 10.559155 | 2.8871% | 1834 |
| 0.092047 | 10.864010 | 2.9657% | 1833 | 0.089396 | 11.186203 | 3.0563% | 1832 |
| 0.086745 | 11.528089 | 3.1604% | 1831 | 0.084087 | 11.892425 | 3.4660% | 1830 |
| 0.081270 | 12.304613 | 2.4653% | 1829 | 0.079315 | 12.607959 | 2.6804% | 1828 |
| 0.077245 | 12.945902 | 10.3427% | 1827 | 0.070004 | 14.284851 | -4.2314% | 1826 |
| 0.073097 | 13.680397 | 2.9150% | 1825 | 0.071027 | 14.079186 | 3.0026% | 1824 |
| 0.068956 | 14.501922 | 3.0955% | 1823 | 0.066886 | 14.950831 | 3.1944% | 1822 |
| 0.064815 | 15.428418 | 3.3102% | 1821 | 0.062739 | 15.939129 | 3.2277% | 1820 |
| 0.060777 | 16.453602 | 2.6573% | 1819 | 0.059204 | 16.890820 | 2.6261% | 1818 |
| 0.057689 | 17.334391 | 2.6969% | 1817 | 0.056174 | 17.801888 | 2.7717% | 1816 |
| 0.054659 | 18.295300 | 2.8507% | 1815 | 0.053144 | 18.816843 | 2.9343% | 1814 |
| 0.051629 | 19.368994 | 3.0231% | 1813 | 0.050114 | 19.954528 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.048605 | 20.573896 | 3.2172% | 1811 | 0.047090 | 21.235791 | 3.0969% | 1810 |
| 0.045676 | 21.893445 | 2.9144% | 1809 | 0.044382 | 22.531503 | 2.8225% | 1808 |
| 0.043164 | 23.167447 | 2.9199% | 1807 | 0.041939 | 23.843919 | 2.9918% | 1806 |
| 0.040721 | 24.557278 | 3.0841% | 1805 | 0.039503 | 25.314637 | 3.1822% | 1804 |
| 0.038285 | 26.120198 | 3.2868% | 1803 | 0.037066 | 26.978713 | 3.3985% | 1802 |
| 0.035848 | 27.895580 | 3.5180% | 1801 | 0.034630 | 28.876960 | 3.3999% | 1800 |
| 0.033491 | 29.858761 | 2.8419% | 1799 | 0.032566 | 30.707308 | 2.7485% | 1798 |
| 0.031694 | 31.551285 | 2.8261% | 1797 | 0.030823 | 32.442965 | 3.7832% | 1796 |
| 0.029700 | 33.670351 | 2.1272% | 1795 | 0.029081 | 34.386586 | 3.0879% | 1794 |
| 0.028210 | 35.448422 | 3.1625% | 1793 | 0.027345 | 36.569483 | 3.2904% | 1792 |
| 0.026474 | 37.772771 | 3.4024% | 1791 | 0.025603 | 39.057939 | 3.2296% | 1790 |
| 0.024802 | 40.319340 | 41.3145% | 1780 | 0.017551 | 56.977054 | 29.4353% | 1770 |
| 0.013560 | 73.748429 | 83.4728% | 1750 | 0.007391 | 135.308336 | 29.2845% | 1740 |
| 0.005716 | 174.932641 | 94.2514% | 1720 | 0.002943 | 339.809095 | 85.8111% | 1700 |
| 0.001584 | 631.402949 | 19.2490% | 1690 | 0.001328 | 752.942015 | 88.0250% | 1670 |
| 0.000706 | 1415.719392 | | | | | | |

BASE YEAR: 1952

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.926140 | 0.519173 | 8.2857% | 2001 | 1.778758 | 0.562190 | 1.0000% |
| 2000 | 1.761147 | 0.567812 | 1.0000% | 1999 | 1.743710 | 0.573490 | 1.0000% |
| 1998 | 1.726445 | 0.579225 | 1.0000% | 1997 | 1.709352 | 0.585017 | 1.0000% |
| 1996 | 1.692427 | 0.590867 | 1.0000% | 1995 | 1.675671 | 0.596776 | 0.9992% |
| 1994 | 1.659093 | 0.602739 | 1.0008% | 1993 | 1.642653 | 0.608771 | 1.0000% |
| 1992 | 1.626389 | 0.614859 | 0.9295% | 1991 | 1.611411 | 0.620574 | 1.2505% |
| 1990 | 1.591509 | 0.628334 | 0.7224% | 1989 | 1.580094 | 0.632874 | 1.1077% |
| 1988 | 1.562783 | 0.639884 | 0.8834% | 1987 | 1.549099 | 0.645536 | 0.5594% |
| 1986 | 1.540482 | 0.649147 | 1.3056% | 1985 | 1.520629 | 0.657623 | 0.7673% |
| 1984 | 1.509050 | 0.662669 | 0.8149% | 1983 | 1.496851 | 0.668069 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.482416 | 0.674574 | 0.9508% | 1981 | 1.468454 | 0.680988 | 0.9031% | 1980 |
| 1.455312 | 0.687138 | 2.2701% | 1979 | 1.423008 | 0.702737 | 1.0042% | 1978 |
| 1.408861 | 0.709793 | 0.9896% | 1977 | 1.395055 | 0.716817 | 0.9103% | 1976 |
| 1.382470 | 0.723343 | 0.8394% | 1975 | 1.370962 | 0.729415 | 0.9042% | 1974 |
| 1.358677 | 0.736010 | 1.1568% | 1973 | 1.343140 | 0.744524 | 0.9427% | 1972 |
| 1.330596 | 0.751543 | 0.7426% | 1971 | 1.320788 | 0.757124 | 1.4697% | 1970 |
| 1.301657 | 0.768252 | 0.6968% | 1969 | 1.292649 | 0.773605 | 0.8565% | 1968 |
| 1.281671 | 0.780231 | 1.5090% | 1967 | 1.262618 | 0.792005 | 0.9949% | 1966 |
| 1.250180 | 0.799885 | 1.0575% | 1965 | 1.237098 | 0.808344 | 1.1300% | 1964 |
| 1.223275 | 0.817478 | 1.5537% | 1963 | 1.204560 | 0.830179 | 1.4658% | 1962 |
| 1.187158 | 0.842348 | 1.5364% | 1961 | 1.169194 | 0.855290 | 2.1586% | 1960 |
| 1.144489 | 0.873752 | -1.6655% | 1959 | 1.163873 | 0.859200 | 4.3080% | 1958 |
| 1.115804 | 0.896214 | 2.1130% | 1957 | 1.092716 | 0.915151 | 1.9895% | 1956 |
| 1.071400 | 0.933358 | 2.1231% | 1955 | 1.049126 | 0.953174 | 1.4496% | 1954 |
| 1.034135 | 0.966991 | 2.1573% | 1953 | 1.012298 | 0.987852 | 1.2298% | 1952 |
| 1.000000 | 1.000000 | 1.6814% | 1951 | 0.983464 | 1.016814 | 1.6233% | 1950 |
| 0.967755 | 1.033319 | 1.4265% | 1949 | 0.954144 | 1.048060 | 1.7790% | 1948 |
| 0.937466 | 1.066706 | 1.8242% | 1947 | 0.920671 | 1.086164 | -2.6320% | 1946 |
| 0.945559 | 1.057576 | 3.1768% | 1945 | 0.916445 | 1.091173 | 6.4754% | 1944 |
| 0.860711 | 1.161831 | -0.3437% | 1943 | 0.863679 | 1.157838 | 0.6562% | 1942 |
| 0.858048 | 1.165436 | 0.6633% | 1941 | 0.852394 | 1.173166 | -5.6614% | 1940 |
| 0.903548 | 1.106748 | 8.0381% | 1939 | 0.836323 | 1.195710 | 0.8126% | 1938 |
| 0.829582 | 1.205427 | 0.7762% | 1937 | 0.823192 | 1.214784 | 0.6029% | 1936 |
| 0.818259 | 1.222107 | 0.5244% | 1935 | 0.813990 | 1.228516 | -3.0364% | 1934 |
| 0.839480 | 1.191214 | 4.6271% | 1933 | 0.802354 | 1.246333 | 1.3921% | 1932 |
| 0.791338 | 1.263683 | -0.2051% | 1931 | 0.792964 | 1.261091 | 0.8886% | 1930 |
| 0.785980 | 1.272297 | 1.0126% | 1929 | 0.778101 | 1.285180 | 1.1526% | 1928 |
| 0.769235 | 1.299993 | 1.2160% | 1927 | 0.759993 | 1.315801 | 1.4086% | 1926 |
| 0.749437 | 1.334335 | 1.7667% | 1925 | 0.736426 | 1.357909 | 1.4465% | 1924 |
| 0.725926 | 1.377551 | 1.7700% | 1923 | 0.713301 | 1.401933 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.701953 | 1.424596 | 1.3736% | 1921 | 0.692442 | 1.444165 | 2.3393% | 1920 |
| 0.676614 | 1.477948 | 1.3140% | 1919 | 0.667838 | 1.497369 | 0.7676% | 1918 |
| 0.662751 | 1.508863 | 0.3870% | 1917 | 0.660196 | 1.514702 | 1.3274% | 1916 |
| 0.651547 | 1.534809 | 1.4083% | 1915 | 0.642499 | 1.556424 | 1.4458% | 1914 |
| 0.633342 | 1.578926 | 1.9424% | 1913 | 0.621274 | 1.609595 | 1.9857% | 1912 |
| 0.609178 | 1.641556 | 1.5634% | 1911 | 0.599801 | 1.667221 | 1.8169% | 1910 |
| 0.589097 | 1.697513 | 1.8781% | 1909 | 0.578238 | 1.729393 | 2.0082% | 1908 |
| 0.566854 | 1.764123 | 1.9603% | 1907 | 0.555956 | 1.798705 | 1.8264% | 1906 |
| 0.545984 | 1.831555 | 1.9357% | 1905 | 0.535616 | 1.867008 | 2.0148% | 1904 |
| 0.525038 | 1.904625 | 2.1335% | 1903 | 0.514070 | 1.945261 | 1.8151% | 1902 |
| 0.504905 | 1.980571 | 1.8943% | 1901 | 0.495518 | 2.018089 | 3.0255% | 1900 |
| 0.480967 | 2.079147 | 0.6278% | 1899 | 0.477966 | 2.092200 | 1.7757% | 1898 |
| 0.469627 | 2.129351 | 1.8078% | 1897 | 0.461288 | 2.167844 | 1.8396% | 1896 |
| 0.452955 | 2.207724 | 1.8755% | 1895 | 0.444616 | 2.249130 | 1.9114% | 1894 |
| 0.436277 | 2.292120 | 1.9486% | 1893 | 0.427938 | 2.336785 | 1.9858% | 1892 |
| 0.419606 | 2.383189 | 2.0276% | 1891 | 0.411267 | 2.431511 | 2.6465% | 1890 |
| 0.400663 | 2.495862 | 1.5328% | 1889 | 0.394615 | 2.534119 | 2.0811% | 1888 |
| 0.386569 | 2.586857 | 2.1599% | 1887 | 0.378397 | 2.642729 | 2.2075% | 1886 |
| 0.370224 | 2.701068 | 2.2592% | 1885 | 0.362045 | 2.762090 | 2.3095% | 1884 |
| 0.353872 | 2.825882 | 2.3641% | 1883 | 0.345699 | 2.892689 | 2.4214% | 1882 |
| 0.337526 | 2.962733 | 2.4815% | 1881 | 0.329353 | 3.036252 | 3.7644% | 1880 |
| 0.317405 | 3.150549 | 0.9432% | 1879 | 0.314439 | 3.180265 | 2.1464% | 1878 |
| 0.307832 | 3.248526 | 2.1913% | 1877 | 0.301231 | 3.319711 | 2.2426% | 1876 |
| 0.294624 | 3.394159 | 2.2941% | 1875 | 0.288017 | 3.472023 | 2.3456% | 1874 |
| 0.281416 | 3.553463 | 2.4043% | 1873 | 0.274808 | 3.638899 | 2.4635% | 1872 |
| 0.268201 | 3.728545 | 2.5258% | 1871 | 0.261594 | 3.822720 | 5.9947% | 1870 |
| 0.246799 | 4.051879 | -1.0968% | 1869 | 0.249536 | 4.007439 | 2.1930% | 1868 |
| 0.244181 | 4.095321 | 2.2394% | 1867 | 0.238833 | 4.187032 | 2.2935% | 1866 |
| 0.233478 | 4.283061 | 2.3445% | 1865 | 0.228129 | 4.383477 | 2.4037% | 1864 |
| 0.222775 | 4.488842 | 2.4599% | 1863 | 0.217426 | 4.599262 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.212071 | 4.715394 | 2.5872% | 1861 | 0.206723 | 4.837393 | 2.9504% | 1860 |
| 0.200799 | 4.980116 | 2.4012% | 1859 | 0.196090 | 5.099700 | 2.7627% | 1858 |
| 0.190818 | 5.240590 | 2.8412% | 1857 | 0.185546 | 5.389486 | 2.9243% | 1856 |
| 0.180275 | 5.547090 | 3.0161% | 1855 | 0.174997 | 5.714398 | 3.1061% | 1854 |
| 0.169725 | 5.891890 | 3.2056% | 1853 | 0.164453 | 6.080762 | 3.3118% | 1852 |
| 0.159181 | 6.282144 | 3.4252% | 1851 | 0.153910 | 6.497322 | 4.0106% | 1850 |
| 0.147975 | 6.757904 | 2.3254% | 1849 | 0.144612 | 6.915050 | 2.7841% | 1848 |
| 0.140695 | 7.107571 | 2.8590% | 1847 | 0.136784 | 7.310777 | 2.9432% | 1846 |
| 0.132874 | 7.525945 | 3.0324% | 1845 | 0.128963 | 7.754162 | 3.1325% | 1844 |
| 0.125046 | 7.997062 | 3.2284% | 1843 | 0.121135 | 8.255236 | 3.3361% | 1842 |
| 0.117225 | 8.530635 | 3.4512% | 1841 | 0.113314 | 8.825044 | 3.8105% | 1840 |
| 0.109155 | 9.161321 | 2.3861% | 1839 | 0.106611 | 9.379915 | 2.5824% | 1838 |
| 0.103927 | 9.622141 | 2.6573% | 1837 | 0.101237 | 9.877832 | 2.7232% | 1836 |
| 0.098553 | 10.146826 | 2.7994% | 1835 | 0.095869 | 10.430880 | 2.8871% | 1834 |
| 0.093179 | 10.732033 | 2.9657% | 1833 | 0.090495 | 11.050311 | 3.0563% | 1832 |
| 0.087811 | 11.388044 | 3.1604% | 1831 | 0.085121 | 11.747954 | 3.4660% | 1830 |
| 0.082270 | 12.155134 | 2.4653% | 1829 | 0.080290 | 12.454795 | 2.6804% | 1828 |
| 0.078194 | 12.788633 | 10.3427% | 1827 | 0.070865 | 14.111317 | -4.2314% | 1826 |
| 0.073996 | 13.514206 | 2.9150% | 1825 | 0.071900 | 13.908150 | 3.0026% | 1824 |
| 0.069804 | 14.325751 | 3.0955% | 1823 | 0.067708 | 14.769205 | 3.1944% | 1822 |
| 0.065613 | 15.240991 | 3.3102% | 1821 | 0.063510 | 15.745498 | 3.2277% | 1820 |
| 0.061524 | 16.253721 | 2.6573% | 1819 | 0.059932 | 16.685627 | 2.6261% | 1818 |
| 0.058398 | 17.123810 | 2.6969% | 1817 | 0.056865 | 17.585628 | 2.7717% | 1816 |
| 0.055331 | 18.073045 | 2.8507% | 1815 | 0.053797 | 18.588253 | 2.9343% | 1814 |
| 0.052264 | 19.133696 | 3.0231% | 1813 | 0.050730 | 19.712117 | 3.1039% | 1812 |
| 0.049203 | 20.323961 | 3.2172% | 1811 | 0.047669 | 20.977815 | 3.0969% | 1810 |
| 0.046237 | 21.627480 | 2.9144% | 1809 | 0.044928 | 22.257787 | 2.8225% | 1808 |
| 0.043695 | 22.886005 | 2.9199% | 1807 | 0.042455 | 23.554259 | 2.9918% | 1806 |
| 0.041222 | 24.258952 | 3.0841% | 1805 | 0.039989 | 25.007111 | 3.1822% | 1804 |
| 0.038755 | 25.802885 | 3.2868% | 1803 | 0.037522 | 26.650971 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.036289 | 27.556700 | 3.5180% | 1801 | 0.035056 | 28.526157 | 3.3999% | 1800 |
| 0.033903 | 29.496032 | 2.8419% | 1799 | 0.032966 | 30.334270 | 2.7485% | 1798 |
| 0.032084 | 31.167994 | 2.8261% | 1797 | 0.031202 | 32.048843 | 3.7832% | 1796 |
| 0.030065 | 33.261318 | 2.1272% | 1795 | 0.029439 | 33.968852 | 3.0879% | 1794 |
| 0.028557 | 35.017789 | 3.1625% | 1793 | 0.027681 | 36.125231 | 3.2904% | 1792 |
| 0.026800 | 37.313901 | 3.4024% | 1791 | 0.025918 | 38.583457 | 3.2296% | 1790 |
| 0.025107 | 39.829534 | 41.3145% | 1780 | 0.017767 | 56.284887 | 29.4353% | 1770 |
| 0.013726 | 72.852521 | 83.4728% | 1750 | 0.007481 | 133.664588 | 29.2845% | 1740 |
| 0.005787 | 172.807531 | 94.2514% | 1720 | 0.002979 | 335.681038 | 85.8111% | 1700 |
| 0.001603 | 623.732563 | 19.2490% | 1690 | 0.001344 | 743.795152 | 88.0250% | 1670 |
| 0.000715 | 1398.521001 | | | | | | |

BASE YEAR: 1951

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 1.958526 | 0.510588 | 8.2857% | 2001 | 1.808666 | 0.552894 | 1.0000% |
| 2000 | 1.790758 | 0.558423 | 1.0000% | 1999 | 1.773028 | 0.564007 | 1.0000% |
| 1998 | 1.755473 | 0.569647 | 1.0000% | 1997 | 1.738092 | 0.575343 | 1.0000% |
| 1996 | 1.720883 | 0.581097 | 1.0000% | 1995 | 1.703845 | 0.586908 | 0.9992% |
| 1994 | 1.686988 | 0.592772 | 1.0008% | 1993 | 1.670272 | 0.598705 | 1.0000% |
| 1992 | 1.653735 | 0.604692 | 0.9295% | 1991 | 1.638505 | 0.610312 | 1.2505% |
| 1990 | 1.618268 | 0.617944 | 0.7224% | 1989 | 1.606661 | 0.622409 | 1.1077% |
| 1988 | 1.589060 | 0.629303 | 0.8834% | 1987 | 1.575145 | 0.634862 | 0.5594% |
| 1986 | 1.566384 | 0.638413 | 1.3056% | 1985 | 1.546196 | 0.646749 | 0.7673% |
| 1984 | 1.534423 | 0.651711 | 0.8149% | 1983 | 1.522019 | 0.657022 | 0.9737% |
| 1982 | 1.507341 | 0.663420 | 0.9508% | 1981 | 1.493144 | 0.669728 | 0.9031% |
| 1980 | 1.479781 | 0.675776 | 2.2701% | 1979 | 1.446935 | 0.691116 | 1.0042% |
| 1978 | 1.432549 | 0.698056 | 0.9896% | 1977 | 1.418512 | 0.704964 | 0.9103% |
| 1976 | 1.405715 | 0.711382 | 0.8394% | 1975 | 1.394013 | 0.717353 | 0.9042% |
| 1974 | 1.381522 | 0.723840 | 1.1568% | 1973 | 1.365723 | 0.732213 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.352969 | 0.739115 | 0.7426% | 1971 | 1.342995 | 0.744604 | 1.4697% | 1970 |
| 1.323542 | 0.755548 | 0.6968% | 1969 | 1.314384 | 0.760813 | 0.8565% | 1968 |
| 1.303221 | 0.767330 | 1.5090% | 1967 | 1.283847 | 0.778909 | 0.9949% | 1966 |
| 1.271200 | 0.786658 | 1.0575% | 1965 | 1.257898 | 0.794977 | 1.1300% | 1964 |
| 1.243842 | 0.803960 | 1.5537% | 1963 | 1.224813 | 0.816451 | 1.4658% | 1962 |
| 1.207119 | 0.828419 | 1.5364% | 1961 | 1.188853 | 0.841147 | 2.1586% | 1960 |
| 1.163732 | 0.859304 | -1.6655% | 1959 | 1.183442 | 0.844993 | 4.3080% | 1958 |
| 1.134565 | 0.881395 | 2.1130% | 1957 | 1.111088 | 0.900018 | 1.9895% | 1956 |
| 1.089415 | 0.917924 | 2.1231% | 1955 | 1.066766 | 0.937413 | 1.4496% | 1954 |
| 1.051523 | 0.951001 | 2.1573% | 1953 | 1.029318 | 0.971517 | 1.2298% | 1952 |
| 1.016814 | 0.983464 | 1.6814% | 1951 | 1.000000 | 1.000000 | 1.6233% | 1950 |
| 0.984027 | 1.016233 | 1.4265% | 1949 | 0.970186 | 1.030730 | 1.7790% | 1948 |
| 0.953228 | 1.049067 | 1.8242% | 1947 | 0.936151 | 1.068203 | -2.6320% | 1946 |
| 0.961457 | 1.040088 | 3.1768% | 1945 | 0.931854 | 1.073129 | 6.4754% | 1944 |
| 0.875182 | 1.142619 | -0.3437% | 1943 | 0.878200 | 1.138692 | 0.6562% | 1942 |
| 0.872475 | 1.146164 | 0.6633% | 1941 | 0.866726 | 1.153767 | -5.6614% | 1940 |
| 0.918740 | 1.088447 | 8.0381% | 1939 | 0.850385 | 1.175938 | 0.8126% | 1938 |
| 0.843530 | 1.185494 | 0.7762% | 1937 | 0.837033 | 1.194696 | 0.6029% | 1936 |
| 0.832017 | 1.201899 | 0.5244% | 1935 | 0.827676 | 1.208202 | -3.0364% | 1934 |
| 0.853595 | 1.171516 | 4.6271% | 1933 | 0.815845 | 1.225724 | 1.3921% | 1932 |
| 0.804643 | 1.242787 | -0.2051% | 1931 | 0.806297 | 1.240238 | 0.8886% | 1930 |
| 0.799195 | 1.251259 | 1.0126% | 1929 | 0.791184 | 1.263929 | 1.1526% | 1928 |
| 0.782168 | 1.278497 | 1.2160% | 1927 | 0.772771 | 1.294044 | 1.4086% | 1926 |
| 0.762038 | 1.312271 | 1.7667% | 1925 | 0.748808 | 1.335455 | 1.4465% | 1924 |
| 0.738131 | 1.354772 | 1.7700% | 1923 | 0.725294 | 1.378751 | 1.6165% | 1922 |
| 0.713756 | 1.401039 | 1.3736% | 1921 | 0.704084 | 1.420285 | 2.3393% | 1920 |
| 0.687990 | 1.453509 | 1.3140% | 1919 | 0.679067 | 1.472609 | 0.7676% | 1918 |
| 0.673894 | 1.483913 | 0.3870% | 1917 | 0.671296 | 1.489656 | 1.3274% | 1916 |
| 0.662502 | 1.509430 | 1.4083% | 1915 | 0.653301 | 1.530687 | 1.4458% | 1914 |
| 0.643991 | 1.552818 | 1.9424% | 1913 | 0.631720 | 1.582979 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.619421 | 1.614412 | 1.5634% | 1911 | 0.609886 | 1.639652 | 1.8169% | 1910 |
| 0.599002 | 1.669443 | 1.8781% | 1909 | 0.587960 | 1.700796 | 2.0082% | 1908 |
| 0.576385 | 1.734952 | 1.9603% | 1907 | 0.565303 | 1.768962 | 1.8264% | 1906 |
| 0.555164 | 1.801269 | 1.9357% | 1905 | 0.544622 | 1.836136 | 2.0148% | 1904 |
| 0.533865 | 1.873131 | 2.1335% | 1903 | 0.522713 | 1.913095 | 1.8151% | 1902 |
| 0.513394 | 1.947820 | 1.8943% | 1901 | 0.503850 | 1.984719 | 3.0255% | 1900 |
| 0.489053 | 2.044767 | 0.6278% | 1899 | 0.486002 | 2.057604 | 1.7757% | 1898 |
| 0.477523 | 2.094140 | 1.8078% | 1897 | 0.469044 | 2.131997 | 1.8396% | 1896 |
| 0.460571 | 2.171217 | 1.8755% | 1895 | 0.452092 | 2.211939 | 1.9114% | 1894 |
| 0.443613 | 2.254218 | 1.9486% | 1893 | 0.435134 | 2.298145 | 1.9858% | 1892 |
| 0.426661 | 2.343781 | 2.0276% | 1891 | 0.418182 | 2.391305 | 2.6465% | 1890 |
| 0.407400 | 2.454591 | 1.5328% | 1889 | 0.401249 | 2.492215 | 2.0811% | 1888 |
| 0.393069 | 2.544081 | 2.1599% | 1887 | 0.384759 | 2.599030 | 2.2075% | 1886 |
| 0.376449 | 2.656404 | 2.2592% | 1885 | 0.368132 | 2.716417 | 2.3095% | 1884 |
| 0.359822 | 2.779154 | 2.3641% | 1883 | 0.351512 | 2.844857 | 2.4214% | 1882 |
| 0.343201 | 2.913742 | 2.4815% | 1881 | 0.334891 | 2.986045 | 3.7644% | 1880 |
| 0.322742 | 3.098452 | 0.9432% | 1879 | 0.319726 | 3.127677 | 2.1464% | 1878 |
| 0.313008 | 3.194809 | 2.1913% | 1877 | 0.306296 | 3.264817 | 2.2426% | 1876 |
| 0.299578 | 3.338034 | 2.2941% | 1875 | 0.292859 | 3.414611 | 2.3456% | 1874 |
| 0.286147 | 3.494704 | 2.4043% | 1873 | 0.279429 | 3.578727 | 2.4635% | 1872 |
| 0.272711 | 3.666891 | 2.5258% | 1871 | 0.265992 | 3.759508 | 5.9947% | 1870 |
| 0.250949 | 3.984879 | -1.0968% | 1869 | 0.253732 | 3.941173 | 2.1930% | 1868 |
| 0.248287 | 4.027602 | 2.2394% | 1867 | 0.242848 | 4.117796 | 2.2935% | 1866 |
| 0.237403 | 4.212238 | 2.3445% | 1865 | 0.231965 | 4.310993 | 2.4037% | 1864 |
| 0.226520 | 4.414616 | 2.4599% | 1863 | 0.221082 | 4.523210 | 2.5250% | 1862 |
| 0.215637 | 4.637422 | 2.5872% | 1861 | 0.210199 | 4.757403 | 2.9504% | 1860 |
| 0.204175 | 4.897766 | 2.4012% | 1859 | 0.199387 | 5.015373 | 2.7627% | 1858 |
| 0.194027 | 5.153933 | 2.8412% | 1857 | 0.188666 | 5.300367 | 2.9243% | 1856 |
| 0.183306 | 5.455365 | 3.0161% | 1855 | 0.177939 | 5.619906 | 3.1061% | 1854 |
| 0.172579 | 5.794464 | 3.2056% | 1853 | 0.167218 | 5.980213 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.161858 | 6.178265 | 3.4252% | 1851 | 0.156497 | 6.389884 | 4.0106% | 1850 |
| 0.150463 | 6.646157 | 2.3254% | 1849 | 0.147044 | 6.800705 | 2.7841% | 1848 |
| 0.143061 | 6.990042 | 2.8590% | 1847 | 0.139084 | 7.189888 | 2.9432% | 1846 |
| 0.135108 | 7.401498 | 3.0324% | 1845 | 0.131131 | 7.625941 | 3.1325% | 1844 |
| 0.127148 | 7.864824 | 3.2284% | 1843 | 0.123172 | 8.118729 | 3.3361% | 1842 |
| 0.119196 | 8.389575 | 3.4512% | 1841 | 0.115219 | 8.679115 | 3.8105% | 1840 |
| 0.110990 | 9.009832 | 2.3861% | 1839 | 0.108403 | 9.224811 | 2.5824% | 1838 |
| 0.105674 | 9.463032 | 2.6573% | 1837 | 0.102939 | 9.714495 | 2.7232% | 1836 |
| 0.100210 | 9.979041 | 2.7994% | 1835 | 0.097481 | 10.258398 | 2.8871% | 1834 |
| 0.094746 | 10.554571 | 2.9657% | 1833 | 0.092017 | 10.867586 | 3.0563% | 1832 |
| 0.089288 | 11.199734 | 3.1604% | 1831 | 0.086552 | 11.553693 | 3.4660% | 1830 |
| 0.083653 | 11.954141 | 2.4653% | 1829 | 0.081640 | 12.248846 | 2.6804% | 1828 |
| 0.079509 | 12.577164 | 10.3427% | 1827 | 0.072057 | 13.877976 | -4.2314% | 1826 |
| 0.075240 | 13.290738 | 2.9150% | 1825 | 0.073109 | 13.678168 | 3.0026% | 1824 |
| 0.070978 | 14.088864 | 3.0955% | 1823 | 0.068847 | 14.524986 | 3.1944% | 1822 |
| 0.066716 | 14.988971 | 3.3102% | 1821 | 0.064578 | 15.485134 | 3.2277% | 1820 |
| 0.062559 | 15.984954 | 2.6573% | 1819 | 0.060939 | 16.409719 | 2.6261% | 1818 |
| 0.059380 | 16.840655 | 2.6969% | 1817 | 0.057821 | 17.294836 | 2.7717% | 1816 |
| 0.056261 | 17.774194 | 2.8507% | 1815 | 0.054702 | 18.280883 | 2.9343% | 1814 |
| 0.053143 | 18.817307 | 3.0231% | 1813 | 0.051583 | 19.386163 | 3.1039% | 1812 |
| 0.050030 | 19.987890 | 3.2172% | 1811 | 0.048471 | 20.630932 | 3.0969% | 1810 |
| 0.047015 | 21.269854 | 2.9144% | 1809 | 0.045684 | 21.889738 | 2.8225% | 1808 |
| 0.044430 | 22.507568 | 2.9199% | 1807 | 0.043169 | 23.164773 | 2.9918% | 1806 |
| 0.041915 | 23.857813 | 3.0841% | 1805 | 0.040661 | 24.593600 | 3.1822% | 1804 |
| 0.039407 | 25.376216 | 3.2868% | 1803 | 0.038153 | 26.210278 | 3.3985% | 1802 |
| 0.036899 | 27.101030 | 3.5180% | 1801 | 0.035645 | 28.054457 | 3.3999% | 1800 |
| 0.034473 | 29.008293 | 2.8419% | 1799 | 0.033520 | 29.832671 | 2.7485% | 1798 |
| 0.032624 | 30.652609 | 2.8261% | 1797 | 0.031727 | 31.518892 | 3.7832% | 1796 |
| 0.030570 | 32.711318 | 2.1272% | 1795 | 0.029934 | 33.407152 | 3.0879% | 1794 |
| 0.029037 | 34.438745 | 3.1625% | 1793 | 0.028147 | 35.527874 | 3.2904% | 1792 |

0.027250 36.696888 3.4024% 1791 0.026354 37.945451 3.2296% 1790
0.025529 39.170924 41.3145% 1780 0.018065 55.354176 29.4353% 1770
0.013957 71.647852 83.4728% 1750 0.007607 131.454347 29.2845% 1740
0.005884 169.950033 94.2514% 1720 0.003029 330.130309 85.8111%
1700 0.001630 613.418693 19.2490% 1690 0.001367 731.495960
88.0250% 1670 0.000727 1375.395442

BASE YEAR: 1950

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1.990318 0.502432 8.2857% 2001 1.838026 0.544062 1.0000%
2000 1.819827 0.549503 1.0000% 1999 1.801809 0.554998 1.0000% 1998
1.783969 0.560548 1.0000% 1997 1.766306 0.566153 1.0000% 1996
1.748818 0.571815 1.0000% 1995 1.731503 0.577533 0.9992% 1994
1.714373 0.583304 1.0008% 1993 1.697386 0.589141 1.0000% 1992
1.680580 0.595033 0.9295% 1991 1.665103 0.600564 1.2505% 1990
1.644537 0.608074 0.7224% 1989 1.632742 0.612467 1.1077% 1988
1.614854 0.619251 0.8834% 1987 1.600714 0.624721 0.5594% 1986
1.591810 0.628216 1.3056% 1985 1.571295 0.636418 0.7673% 1984
1.559330 0.641301 0.8149% 1983 1.546726 0.646527 0.9737% 1982
1.531810 0.652823 0.9508% 1981 1.517382 0.659030 0.9031% 1980
1.503802 0.664981 2.2701% 1979 1.470422 0.680077 1.0042% 1978
1.455803 0.686906 0.9896% 1977 1.441538 0.693704 0.9103% 1976
1.428533 0.700019 0.8394% 1975 1.416642 0.705895 0.9042% 1974
1.403947 0.712277 1.1568% 1973 1.387892 0.720517 0.9427% 1972
1.374931 0.727309 0.7426% 1971 1.364796 0.732711 1.4697% 1970
1.345027 0.743479 0.6968% 1969 1.335720 0.748660 0.8565% 1968
1.324376 0.755073 1.5090% 1967 1.304688 0.766467 0.9949% 1966
1.291835 0.774093 1.0575% 1965 1.278317 0.782278 1.1300% 1964
1.264033 0.791118 1.5537% 1963 1.244695 0.803410 1.4658% 1962

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.226714 | 0.815186 | 1.5364% | 1961 | 1.208151 | 0.827711 | 2.1586% | 1960 |
| 1.182623 | 0.845578 | -1.6655% | 1959 | 1.202653 | 0.831495 | 4.3080% | 1958 |
| 1.152982 | 0.867316 | 2.1130% | 1957 | 1.129124 | 0.885642 | 1.9895% | 1956 |
| 1.107099 | 0.903262 | 2.1231% | 1955 | 1.084083 | 0.922439 | 1.4496% | 1954 |
| 1.068592 | 0.935811 | 2.1573% | 1953 | 1.046027 | 0.955999 | 1.2298% | 1952 |
| 1.033319 | 0.967755 | 1.6814% | 1951 | 1.016233 | 0.984027 | 1.6233% | 1950 |
| 1.000000 | 1.000000 | 1.4265% | 1949 | 0.985935 | 1.014265 | 1.7790% | 1948 |
| 0.968702 | 1.032310 | 1.8242% | 1947 | 0.951348 | 1.051141 | -2.6320% | 1946 |
| 0.977064 | 1.023474 | 3.1768% | 1945 | 0.946981 | 1.055988 | 6.4754% | 1944 |
| 0.889389 | 1.124367 | -0.3437% | 1943 | 0.892456 | 1.120503 | 0.6562% | 1942 |
| 0.886638 | 1.127856 | 0.6633% | 1941 | 0.880795 | 1.135337 | -5.6614% | 1940 |
| 0.933654 | 1.071061 | 8.0381% | 1939 | 0.864189 | 1.157154 | 0.8126% | 1938 |
| 0.857223 | 1.166558 | 0.7762% | 1937 | 0.850620 | 1.175613 | 0.6029% | 1936 |
| 0.845523 | 1.182700 | 0.5244% | 1935 | 0.841112 | 1.188902 | -3.0364% | 1934 |
| 0.867451 | 1.152803 | 4.6271% | 1933 | 0.829088 | 1.206145 | 1.3921% | 1932 |
| 0.817705 | 1.222935 | -0.2051% | 1931 | 0.819385 | 1.220427 | 0.8886% | 1930 |
| 0.812168 | 1.231272 | 1.0126% | 1929 | 0.804027 | 1.243740 | 1.1526% | 1928 |
| 0.794865 | 1.258075 | 1.2160% | 1927 | 0.785316 | 1.273373 | 1.4086% | 1926 |
| 0.774408 | 1.291310 | 1.7667% | 1925 | 0.760964 | 1.314123 | 1.4465% | 1924 |
| 0.750113 | 1.333132 | 1.7700% | 1923 | 0.737067 | 1.356728 | 1.6165% | 1922 |
| 0.725342 | 1.378660 | 1.3736% | 1921 | 0.715513 | 1.397598 | 2.3393% | 1920 |
| 0.699158 | 1.430292 | 1.3140% | 1919 | 0.690090 | 1.449086 | 0.7676% | 1918 |
| 0.684833 | 1.460210 | 0.3870% | 1917 | 0.682193 | 1.465861 | 1.3274% | 1916 |
| 0.673256 | 1.485319 | 1.4083% | 1915 | 0.663906 | 1.506237 | 1.4458% | 1914 |
| 0.654444 | 1.528014 | 1.9424% | 1913 | 0.641975 | 1.557694 | 1.9857% | 1912 |
| 0.629475 | 1.588624 | 1.5634% | 1911 | 0.619786 | 1.613461 | 1.8169% | 1910 |
| 0.608726 | 1.642776 | 1.8781% | 1909 | 0.597504 | 1.673629 | 2.0082% | 1908 |
| 0.585741 | 1.707239 | 1.9603% | 1907 | 0.574480 | 1.740705 | 1.8264% | 1906 |
| 0.564176 | 1.772497 | 1.9357% | 1905 | 0.553463 | 1.806807 | 2.0148% | 1904 |
| 0.542532 | 1.843211 | 2.1335% | 1903 | 0.531198 | 1.882536 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.521728 | 1.916707 | 1.8943% | 1901 | 0.512029 | 1.953016 | 3.0255% | 1900 |
| 0.496992 | 2.012105 | 0.6278% | 1899 | 0.493891 | 2.024737 | 1.7757% | 1898 |
| 0.485274 | 2.060690 | 1.8078% | 1897 | 0.476658 | 2.097942 | 1.8396% | 1896 |
| 0.468047 | 2.136536 | 1.8755% | 1895 | 0.459431 | 2.176607 | 1.9114% | 1894 |
| 0.450814 | 2.218211 | 1.9486% | 1893 | 0.442197 | 2.261435 | 1.9858% | 1892 |
| 0.433587 | 2.306343 | 2.0276% | 1891 | 0.424970 | 2.353107 | 2.6465% | 1890 |
| 0.414013 | 2.415383 | 1.5328% | 1889 | 0.407763 | 2.452406 | 2.0811% | 1888 |
| 0.399450 | 2.503444 | 2.1599% | 1887 | 0.391005 | 2.557514 | 2.2075% | 1886 |
| 0.382560 | 2.613972 | 2.2592% | 1885 | 0.374108 | 2.673026 | 2.3095% | 1884 |
| 0.365663 | 2.734761 | 2.3641% | 1883 | 0.357218 | 2.799415 | 2.4214% | 1882 |
| 0.348772 | 2.867199 | 2.4815% | 1881 | 0.340327 | 2.938348 | 3.7644% | 1880 |
| 0.327981 | 3.048959 | 0.9432% | 1879 | 0.324916 | 3.077718 | 2.1464% | 1878 |
| 0.318089 | 3.143777 | 2.1913% | 1877 | 0.311268 | 3.212667 | 2.2426% | 1876 |
| 0.304440 | 3.284714 | 2.2941% | 1875 | 0.297613 | 3.360068 | 2.3456% | 1874 |
| 0.290792 | 3.438881 | 2.4043% | 1873 | 0.283965 | 3.521563 | 2.4635% | 1872 |
| 0.277137 | 3.608318 | 2.5258% | 1871 | 0.270310 | 3.699456 | 5.9947% | 1870 |
| 0.255022 | 3.921226 | -1.0968% | 1869 | 0.257850 | 3.878219 | 2.1930% | 1868 |
| 0.252317 | 3.963267 | 2.2394% | 1867 | 0.246790 | 4.052021 | 2.2935% | 1866 |
| 0.241257 | 4.144954 | 2.3445% | 1865 | 0.235731 | 4.242131 | 2.4037% | 1864 |
| 0.230197 | 4.344099 | 2.4599% | 1863 | 0.224671 | 4.450959 | 2.5250% | 1862 |
| 0.219137 | 4.563346 | 2.5872% | 1861 | 0.213611 | 4.681411 | 2.9504% | 1860 |
| 0.207489 | 4.819532 | 2.4012% | 1859 | 0.202624 | 4.935260 | 2.7627% | 1858 |
| 0.197176 | 5.071607 | 2.8412% | 1857 | 0.191729 | 5.215702 | 2.9243% | 1856 |
| 0.186281 | 5.368224 | 3.0161% | 1855 | 0.180827 | 5.530137 | 3.1061% | 1854 |
| 0.175380 | 5.701906 | 3.2056% | 1853 | 0.169933 | 5.884688 | 3.3118% | 1852 |
| 0.164485 | 6.079576 | 3.4252% | 1851 | 0.159038 | 6.287816 | 4.0106% | 1850 |
| 0.152905 | 6.539995 | 2.3254% | 1849 | 0.149431 | 6.692074 | 2.7841% | 1848 |
| 0.145383 | 6.878387 | 2.8590% | 1847 | 0.141342 | 7.075041 | 2.9432% | 1846 |
| 0.137301 | 7.283271 | 3.0324% | 1845 | 0.133260 | 7.504129 | 3.1325% | 1844 |
| 0.129212 | 7.739196 | 3.2284% | 1843 | 0.125171 | 7.989045 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.121130 | 8.255564 | 3.4512% | 1841 | 0.117089 | 8.540480 | 3.8105% | 1840 |
| 0.112792 | 8.865914 | 2.3861% | 1839 | 0.110163 | 9.077459 | 2.5824% | 1838 |
| 0.107390 | 9.311875 | 2.6573% | 1837 | 0.104610 | 9.559321 | 2.7232% | 1836 |
| 0.101837 | 9.819641 | 2.7994% | 1835 | 0.099063 | 10.094536 | 2.8871% | 1834 |
| 0.096284 | 10.385978 | 2.9657% | 1833 | 0.093510 | 10.693993 | 3.0563% | 1832 |
| 0.090737 | 11.020836 | 3.1604% | 1831 | 0.087957 | 11.369141 | 3.4660% | 1830 |
| 0.085011 | 11.763192 | 2.4653% | 1829 | 0.082966 | 12.053190 | 2.6804% | 1828 |
| 0.080800 | 12.376263 | 10.3427% | 1827 | 0.073226 | 13.656297 | -4.2314% | 1826 |
| 0.076462 | 13.078440 | 2.9150% | 1825 | 0.074296 | 13.459681 | 3.0026% | 1824 |
| 0.072130 | 13.863816 | 3.0955% | 1823 | 0.069964 | 14.292972 | 3.1944% | 1822 |
| 0.067799 | 14.749545 | 3.3102% | 1821 | 0.065626 | 15.237783 | 3.2277% | 1820 |
| 0.063574 | 15.729619 | 2.6573% | 1819 | 0.061929 | 16.147599 | 2.6261% | 1818 |
| 0.060344 | 16.571652 | 2.6969% | 1817 | 0.058759 | 17.018578 | 2.7717% | 1816 |
| 0.057175 | 17.490279 | 2.8507% | 1815 | 0.055590 | 17.988874 | 2.9343% | 1814 |
| 0.054005 | 18.516729 | 3.0231% | 1813 | 0.052421 | 19.076500 | 3.1039% | 1812 |
| 0.050842 | 19.668614 | 3.2172% | 1811 | 0.049258 | 20.301385 | 3.0969% | 1810 |
| 0.047778 | 20.930101 | 2.9144% | 1809 | 0.046425 | 21.540084 | 2.8225% | 1808 |
| 0.045151 | 22.148045 | 2.9199% | 1807 | 0.043870 | 22.794752 | 2.9918% | 1806 |
| 0.042595 | 23.476721 | 3.0841% | 1805 | 0.041321 | 24.200756 | 3.1822% | 1804 |
| 0.040047 | 24.970871 | 3.2868% | 1803 | 0.038772 | 25.791609 | 3.3985% | 1802 |
| 0.037498 | 26.668133 | 3.5180% | 1801 | 0.036224 | 27.606331 | 3.3999% | 1800 |
| 0.035032 | 28.544931 | 2.8419% | 1799 | 0.034064 | 29.356141 | 2.7485% | 1798 |
| 0.033153 | 30.162981 | 2.8261% | 1797 | 0.032242 | 31.015427 | 3.7832% | 1796 |
| 0.031067 | 32.188806 | 2.1272% | 1795 | 0.030420 | 32.873525 | 3.0879% | 1794 |
| 0.029508 | 33.888640 | 3.1625% | 1793 | 0.028604 | 34.960372 | 3.2904% | 1792 |
| 0.027693 | 36.110713 | 3.4024% | 1791 | 0.026781 | 37.339332 | 3.2296% | 1790 |
| 0.025944 | 38.545229 | 41.3145% | 1780 | 0.018359 | 54.469979 | 29.4353% | 1770 |
| 0.014184 | 70.503389 | 83.4728% | 1750 | 0.007731 | 129.354570 | 29.2845% | 1740 |
| 0.005980 | 167.235347 | 94.2514% | 1720 | 0.003078 | 324.856993 | 85.8111% | |

1700 0.001657 603.620287 19.2490% 1690 0.001389 719.811454
88.0250% 1670 0.000739 1353.425648

BASE YEAR: 1949

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 2.018711 | 0.495366 | 8.2857% | 2001 | 1.864246 | 0.536410 | 1.0000% |
| 2000 | 1.845788 | 0.541774 | 1.0000% | 1999 | 1.827512 | 0.547192 | 1.0000% |
| 1998 | 1.809418 | 0.552664 | 1.0000% | 1997 | 1.791503 | 0.558190 | 1.0000% |
| 1996 | 1.773766 | 0.563772 | 1.0000% | 1995 | 1.756204 | 0.569410 | 0.9992% |
| 1994 | 1.738829 | 0.575100 | 1.0008% | 1993 | 1.721599 | 0.580855 | 1.0000% |
| 1992 | 1.704554 | 0.586664 | 0.9295% | 1991 | 1.688856 | 0.592117 | 1.2505% |
| 1990 | 1.667997 | 0.599521 | 0.7224% | 1989 | 1.656033 | 0.603853 | 1.1077% |
| 1988 | 1.637891 | 0.610541 | 0.8834% | 1987 | 1.623549 | 0.615935 | 0.5594% |
| 1986 | 1.614518 | 0.619380 | 1.3056% | 1985 | 1.593710 | 0.627467 | 0.7673% |
| 1984 | 1.581575 | 0.632281 | 0.8149% | 1983 | 1.568790 | 0.637434 | 0.9737% |
| 1982 | 1.553661 | 0.643641 | 0.9508% | 1981 | 1.539028 | 0.649761 | 0.9031% |
| 1980 | 1.525254 | 0.655628 | 2.2701% | 1979 | 1.491398 | 0.670512 | 1.0042% |
| 1978 | 1.476571 | 0.677245 | 0.9896% | 1977 | 1.462102 | 0.683947 | 0.9103% |
| 1976 | 1.448912 | 0.690173 | 0.8394% | 1975 | 1.436850 | 0.695967 | 0.9042% |
| 1974 | 1.423975 | 0.702259 | 1.1568% | 1973 | 1.407691 | 0.710383 | 0.9427% |
| 1972 | 1.394545 | 0.717080 | 0.7426% | 1971 | 1.384265 | 0.722405 | 1.4697% |
| 1970 | 1.364214 | 0.733023 | 0.6968% | 1969 | 1.354774 | 0.738130 | 0.8565% |
| 1968 | 1.343268 | 0.744453 | 1.5090% | 1967 | 1.323299 | 0.755687 | 0.9949% |
| 1966 | 1.310263 | 0.763205 | 1.0575% | 1965 | 1.296553 | 0.771276 | 1.1300% |
| 1964 | 1.282065 | 0.779991 | 1.5537% | 1963 | 1.262451 | 0.792110 | 1.4658% |
| 1962 | 1.244213 | 0.803721 | 1.5364% | 1961 | 1.225386 | 0.816069 | 2.1586% |
| 1960 | 1.199493 | 0.833685 | -1.6655% | 1959 | 1.219809 | 0.819800 | 4.3080% |
| 1958 | 1.169430 | 0.855117 | 2.1130% | 1957 | 1.145232 | 0.873186 | 1.9895% |
| 1956 | 1.122892 | 0.890558 | 2.1231% | 1955 | 1.099547 | 0.909465 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.083836 | 0.922649 | 2.1573% | 1953 | 1.060949 | 0.942553 | 1.2298% | 1952 |
| 1.048060 | 0.954144 | 1.6814% | 1951 | 1.030730 | 0.970186 | 1.6233% | 1950 |
| 1.014265 | 0.985935 | 1.4265% | 1949 | 1.000000 | 1.000000 | 1.7790% | 1948 |
| 0.982521 | 1.017790 | 1.8242% | 1947 | 0.964919 | 1.036357 | -2.6320% | 1946 |
| 0.991002 | 1.009079 | 3.1768% | 1945 | 0.960490 | 1.041136 | 6.4754% | 1944 |
| 0.902076 | 1.108554 | -0.3437% | 1943 | 0.905187 | 1.104744 | 0.6562% | 1942 |
| 0.899286 | 1.111993 | 0.6633% | 1941 | 0.893360 | 1.119369 | -5.6614% | 1940 |
| 0.946972 | 1.055997 | 8.0381% | 1939 | 0.876517 | 1.140879 | 0.8126% | 1938 |
| 0.869452 | 1.150150 | 0.7762% | 1937 | 0.862755 | 1.159078 | 0.6029% | 1936 |
| 0.857584 | 1.166066 | 0.5244% | 1935 | 0.853111 | 1.172181 | -3.0364% | 1934 |
| 0.879825 | 1.136589 | 4.6271% | 1933 | 0.840915 | 1.189180 | 1.3921% | 1932 |
| 0.829369 | 1.205735 | -0.2051% | 1931 | 0.831074 | 1.203262 | 0.8886% | 1930 |
| 0.823754 | 1.213955 | 1.0126% | 1929 | 0.815496 | 1.226247 | 1.1526% | 1928 |
| 0.806204 | 1.240381 | 1.2160% | 1927 | 0.796519 | 1.255464 | 1.4086% | 1926 |
| 0.785455 | 1.273148 | 1.7667% | 1925 | 0.771819 | 1.295640 | 1.4465% | 1924 |
| 0.760814 | 1.314382 | 1.7700% | 1923 | 0.747582 | 1.337646 | 1.6165% | 1922 |
| 0.735689 | 1.359269 | 1.3736% | 1921 | 0.725721 | 1.377941 | 2.3393% | 1920 |
| 0.709132 | 1.410175 | 1.3140% | 1919 | 0.699935 | 1.428705 | 0.7676% | 1918 |
| 0.694602 | 1.439672 | 0.3870% | 1917 | 0.691925 | 1.445244 | 1.3274% | 1916 |
| 0.682860 | 1.464428 | 1.4083% | 1915 | 0.673377 | 1.485052 | 1.4458% | 1914 |
| 0.663780 | 1.506523 | 1.9424% | 1913 | 0.651133 | 1.535785 | 1.9857% | 1912 |
| 0.638455 | 1.566281 | 1.5634% | 1911 | 0.628627 | 1.590768 | 1.8169% | 1910 |
| 0.617409 | 1.619671 | 1.8781% | 1909 | 0.606028 | 1.650090 | 2.0082% | 1908 |
| 0.594097 | 1.683227 | 1.9603% | 1907 | 0.582675 | 1.716223 | 1.8264% | 1906 |
| 0.572224 | 1.747567 | 1.9357% | 1905 | 0.561358 | 1.781394 | 2.0148% | 1904 |
| 0.550271 | 1.817286 | 2.1335% | 1903 | 0.538776 | 1.856059 | 1.8151% | 1902 |
| 0.529171 | 1.889749 | 1.8943% | 1901 | 0.519333 | 1.925547 | 3.0255% | 1900 |
| 0.504082 | 1.983805 | 0.6278% | 1899 | 0.500937 | 1.996260 | 1.7757% | 1898 |
| 0.492197 | 2.031707 | 1.8078% | 1897 | 0.483457 | 2.068435 | 1.8396% | 1896 |
| 0.474724 | 2.106486 | 1.8755% | 1895 | 0.465985 | 2.145994 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.457245 | 2.187012 | 1.9486% | 1893 | 0.448505 | 2.229629 | 1.9858% | 1892 |
| 0.439772 | 2.273905 | 2.0276% | 1891 | 0.431032 | 2.320011 | 2.6465% | 1890 |
| 0.419919 | 2.381411 | 1.5328% | 1889 | 0.413580 | 2.417914 | 2.0811% | 1888 |
| 0.405148 | 2.468233 | 2.1599% | 1887 | 0.396582 | 2.521544 | 2.2075% | 1886 |
| 0.388017 | 2.577208 | 2.2592% | 1885 | 0.379445 | 2.635431 | 2.3095% | 1884 |
| 0.370879 | 2.696297 | 2.3641% | 1883 | 0.362313 | 2.760042 | 2.4214% | 1882 |
| 0.353748 | 2.826873 | 2.4815% | 1881 | 0.345182 | 2.897021 | 3.7644% | 1880 |
| 0.332660 | 3.006076 | 0.9432% | 1879 | 0.329551 | 3.034430 | 2.1464% | 1878 |
| 0.322626 | 3.099561 | 2.1913% | 1877 | 0.315708 | 3.167482 | 2.2426% | 1876 |
| 0.308783 | 3.238516 | 2.2941% | 1875 | 0.301859 | 3.312809 | 2.3456% | 1874 |
| 0.294941 | 3.390514 | 2.4043% | 1873 | 0.288016 | 3.472033 | 2.4635% | 1872 |
| 0.281091 | 3.557568 | 2.5258% | 1871 | 0.274166 | 3.647424 | 5.9947% | 1870 |
| 0.258660 | 3.866075 | -1.0968% | 1869 | 0.261529 | 3.823673 | 2.1930% | 1868 |
| 0.255916 | 3.907525 | 2.2394% | 1867 | 0.250311 | 3.995030 | 2.2935% | 1866 |
| 0.244699 | 4.086656 | 2.3445% | 1865 | 0.239093 | 4.182467 | 2.4037% | 1864 |
| 0.233481 | 4.283001 | 2.4599% | 1863 | 0.227876 | 4.388357 | 2.5250% | 1862 |
| 0.222264 | 4.499164 | 2.5872% | 1861 | 0.216658 | 4.615568 | 2.9504% | 1860 |
| 0.210449 | 4.751746 | 2.4012% | 1859 | 0.205514 | 4.865847 | 2.7627% | 1858 |
| 0.199989 | 5.000276 | 2.8412% | 1857 | 0.194464 | 5.142344 | 2.9243% | 1856 |
| 0.188939 | 5.292721 | 3.0161% | 1855 | 0.183407 | 5.452357 | 3.1061% | 1854 |
| 0.177882 | 5.621710 | 3.2056% | 1853 | 0.172357 | 5.801921 | 3.3118% | 1852 |
| 0.166832 | 5.994069 | 3.4252% | 1851 | 0.161306 | 6.199379 | 4.0106% | 1850 |
| 0.155087 | 6.448012 | 2.3254% | 1849 | 0.151562 | 6.597952 | 2.7841% | 1848 |
| 0.147457 | 6.781645 | 2.8590% | 1847 | 0.143358 | 6.975533 | 2.9432% | 1846 |
| 0.139260 | 7.180833 | 3.0324% | 1845 | 0.135161 | 7.398585 | 3.1325% | 1844 |
| 0.131056 | 7.630346 | 3.2284% | 1843 | 0.126957 | 7.876681 | 3.3361% | 1842 |
| 0.122858 | 8.139452 | 3.4512% | 1841 | 0.118760 | 8.420360 | 3.8105% | 1840 |
| 0.114401 | 8.741217 | 2.3861% | 1839 | 0.111734 | 8.949787 | 2.5824% | 1838 |
| 0.108922 | 9.180906 | 2.6573% | 1837 | 0.106102 | 9.424872 | 2.7232% | 1836 |
| 0.103289 | 9.681531 | 2.7994% | 1835 | 0.100477 | 9.952559 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.097657 | 10.239902 | 2.9657% | 1833 | 0.094844 | 10.543585 | 3.0563% | 1832 |
| 0.092032 | 10.865831 | 3.1604% | 1831 | 0.089212 | 11.209237 | 3.4660% | 1830 |
| 0.086224 | 11.597746 | 2.4653% | 1829 | 0.084149 | 11.883665 | 2.6804% | 1828 |
| 0.081952 | 12.202194 | 10.3427% | 1827 | 0.074271 | 13.464225 | -4.2314% | 1826 |
| 0.077552 | 12.894495 | 2.9150% | 1825 | 0.075356 | 13.270374 | 3.0026% | 1824 |
| 0.073159 | 13.668826 | 3.0955% | 1823 | 0.070963 | 14.091945 | 3.1944% | 1822 |
| 0.068766 | 14.542097 | 3.3102% | 1821 | 0.066563 | 15.023468 | 3.2277% | 1820 |
| 0.064481 | 15.508386 | 2.6573% | 1819 | 0.062812 | 15.920487 | 2.6261% | 1818 |
| 0.061205 | 16.338576 | 2.6969% | 1817 | 0.059598 | 16.779217 | 2.7717% | 1816 |
| 0.057990 | 17.244283 | 2.8507% | 1815 | 0.056383 | 17.735865 | 2.9343% | 1814 |
| 0.054776 | 18.256297 | 3.0231% | 1813 | 0.053168 | 18.808194 | 3.1039% | 1812 |
| 0.051568 | 19.391981 | 3.2172% | 1811 | 0.049960 | 20.015851 | 3.0969% | 1810 |
| 0.048460 | 20.635725 | 2.9144% | 1809 | 0.047087 | 21.237128 | 2.8225% | 1808 |
| 0.045795 | 21.836538 | 2.9199% | 1807 | 0.044496 | 22.474150 | 2.9918% | 1806 |
| 0.043203 | 23.146528 | 3.0841% | 1805 | 0.041910 | 23.860379 | 3.1822% | 1804 |
| 0.040618 | 24.619662 | 3.2868% | 1803 | 0.039325 | 25.428857 | 3.3985% | 1802 |
| 0.038033 | 26.293053 | 3.5180% | 1801 | 0.036740 | 27.218055 | 3.3999% | 1800 |
| 0.035532 | 28.143455 | 2.8419% | 1799 | 0.034550 | 28.943255 | 2.7485% | 1798 |
| 0.033626 | 29.738747 | 2.8261% | 1797 | 0.032702 | 30.579203 | 3.7832% | 1796 |
| 0.031510 | 31.736079 | 2.1272% | 1795 | 0.030854 | 32.411168 | 3.0879% | 1794 |
| 0.029929 | 33.412005 | 3.1625% | 1793 | 0.029012 | 34.468663 | 3.2904% | 1792 |
| 0.028088 | 35.602825 | 3.4024% | 1791 | 0.027163 | 36.814164 | 3.2296% | 1790 |
| 0.026314 | 38.003101 | 41.3145% | 1780 | 0.018621 | 53.703874 | 29.4353% | 1770 |
| 0.014386 | 69.511778 | 83.4728% | 1750 | 0.007841 | 127.535232 | 29.2845% | 1740 |
| 0.006065 | 164.883227 | 94.2514% | 1720 | 0.003122 | 320.287967 | 85.8111% | 1700 |
| 0.001680 | 595.130530 | 19.2490% | 1690 | 0.001409 | 709.687500 | 88.0250% | 1670 |
| 0.000749 | 1334.390080 | | | | | | |

BASE YEAR: 1948

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.054624 | 0.486707 | 8.2857% | 2001 | 1.897411 | 0.527034 | 1.0000% |
| 2000 | 1.878625 | 0.532304 | 1.0000% | 1999 | 1.860025 | 0.537627 | 1.0000% |
| 1998 | 1.841609 | 0.543004 | 1.0000% | 1997 | 1.823375 | 0.548434 | 1.0000% |
| 1996 | 1.805322 | 0.553918 | 1.0000% | 1995 | 1.787447 | 0.559457 | 0.9992% |
| 1994 | 1.769763 | 0.565047 | 1.0008% | 1993 | 1.752227 | 0.570702 | 1.0000% |
| 1992 | 1.734879 | 0.576409 | 0.9295% | 1991 | 1.718901 | 0.581767 | 1.2505% |
| 1990 | 1.697672 | 0.589042 | 0.7224% | 1989 | 1.685495 | 0.593298 | 1.1077% |
| 1988 | 1.667030 | 0.599869 | 0.8834% | 1987 | 1.652433 | 0.605168 | 0.5594% |
| 1986 | 1.643241 | 0.608553 | 1.3056% | 1985 | 1.622063 | 0.616499 | 0.7673% |
| 1984 | 1.609712 | 0.621229 | 0.8149% | 1983 | 1.596700 | 0.626292 | 0.9737% |
| 1982 | 1.581302 | 0.632390 | 0.9508% | 1981 | 1.566408 | 0.638403 | 0.9031% |
| 1980 | 1.552389 | 0.644168 | 2.2701% | 1979 | 1.517931 | 0.658791 | 1.0042% |
| 1978 | 1.502840 | 0.665407 | 0.9896% | 1977 | 1.488113 | 0.671992 | 0.9103% |
| 1976 | 1.474689 | 0.678109 | 0.8394% | 1975 | 1.462413 | 0.683802 | 0.9042% |
| 1974 | 1.449308 | 0.689984 | 1.1568% | 1973 | 1.432735 | 0.697966 | 0.9427% |
| 1972 | 1.419354 | 0.704546 | 0.7426% | 1971 | 1.408891 | 0.709778 | 1.4697% |
| 1970 | 1.388484 | 0.720210 | 0.6968% | 1969 | 1.378876 | 0.725228 | 0.8565% |
| 1968 | 1.367166 | 0.731440 | 1.5090% | 1967 | 1.346841 | 0.742478 | 0.9949% |
| 1966 | 1.333574 | 0.749865 | 1.0575% | 1965 | 1.319619 | 0.757794 | 1.1300% |
| 1964 | 1.304874 | 0.766358 | 1.5537% | 1963 | 1.284911 | 0.778264 | 1.4658% |
| 1962 | 1.266348 | 0.789672 | 1.5364% | 1961 | 1.247186 | 0.801805 | 2.1586% |
| 1960 | 1.220833 | 0.819113 | -1.6655% | 1959 | 1.241510 | 0.805471 | 4.3080% |
| 1958 | 1.190235 | 0.840170 | 2.1130% | 1957 | 1.165606 | 0.857923 | 1.9895% |
| 1956 | 1.142869 | 0.874991 | 2.1231% | 1955 | 1.119109 | 0.893568 | 1.4496% |
| 1954 | 1.103118 | 0.906521 | 2.1573% | 1953 | 1.079823 | 0.926077 | 1.2298% |
| 1952 | 1.066706 | 0.937466 | 1.6814% | 1951 | 1.049067 | 0.953228 | 1.6233% |
| 1950 | 1.032310 | 0.968702 | 1.4265% | 1949 | 1.017790 | 0.982521 | 1.7790% |
| 1948 | 1.000000 | 1.000000 | 1.8242% | 1947 | 0.982085 | 1.018242 | -2.6320% |
| 1946 | 1.008633 | 0.991441 | 3.1768% | 1945 | 0.977577 | 1.022937 | 6.4754% |
| 1944 | 0.918125 | 1.089177 | -0.3437% | 1943 | 0.921291 | 1.085433 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.915285 | 1.092556 | 0.6633% | 1941 | 0.909254 | 1.099803 | -5.6614% | 1940 |
| 0.963820 | 1.037539 | 8.0381% | 1939 | 0.892111 | 1.120937 | 0.8126% | 1938 |
| 0.884920 | 1.130046 | 0.7762% | 1937 | 0.878103 | 1.138818 | 0.6029% | 1936 |
| 0.872841 | 1.145684 | 0.5244% | 1935 | 0.868288 | 1.151692 | -3.0364% | 1934 |
| 0.895478 | 1.116722 | 4.6271% | 1933 | 0.855876 | 1.168394 | 1.3921% | 1932 |
| 0.844124 | 1.184660 | -0.2051% | 1931 | 0.845859 | 1.182230 | 0.8886% | 1930 |
| 0.838409 | 1.192735 | 1.0126% | 1929 | 0.830004 | 1.204813 | 1.1526% | 1928 |
| 0.820547 | 1.218699 | 1.2160% | 1927 | 0.810689 | 1.233519 | 1.4086% | 1926 |
| 0.799428 | 1.250894 | 1.7667% | 1925 | 0.785550 | 1.272993 | 1.4465% | 1924 |
| 0.774349 | 1.291407 | 1.7700% | 1923 | 0.760882 | 1.314265 | 1.6165% | 1922 |
| 0.748778 | 1.335510 | 1.3736% | 1921 | 0.738631 | 1.353855 | 2.3393% | 1920 |
| 0.721747 | 1.385526 | 1.3140% | 1919 | 0.712387 | 1.403732 | 0.7676% | 1918 |
| 0.706960 | 1.414508 | 0.3870% | 1917 | 0.704234 | 1.419982 | 1.3274% | 1916 |
| 0.695009 | 1.438831 | 1.4083% | 1915 | 0.685357 | 1.459094 | 1.4458% | 1914 |
| 0.675589 | 1.480190 | 1.9424% | 1913 | 0.662717 | 1.508941 | 1.9857% | 1912 |
| 0.649813 | 1.538903 | 1.5634% | 1911 | 0.639811 | 1.562962 | 1.8169% | 1910 |
| 0.628393 | 1.591360 | 1.8781% | 1909 | 0.616809 | 1.621247 | 2.0082% | 1908 |
| 0.604666 | 1.653805 | 1.9603% | 1907 | 0.593041 | 1.686224 | 1.8264% | 1906 |
| 0.582404 | 1.717021 | 1.9357% | 1905 | 0.571345 | 1.750256 | 2.0148% | 1904 |
| 0.560061 | 1.785521 | 2.1335% | 1903 | 0.548361 | 1.823616 | 1.8151% | 1902 |
| 0.538585 | 1.856717 | 1.8943% | 1901 | 0.528572 | 1.891890 | 3.0255% | 1900 |
| 0.513050 | 1.949129 | 0.6278% | 1899 | 0.509849 | 1.961366 | 1.7757% | 1898 |
| 0.500953 | 1.996194 | 1.8078% | 1897 | 0.492058 | 2.032280 | 1.8396% | 1896 |
| 0.483170 | 2.069666 | 1.8755% | 1895 | 0.474275 | 2.108483 | 1.9114% | 1894 |
| 0.465379 | 2.148784 | 1.9486% | 1893 | 0.456484 | 2.190656 | 1.9858% | 1892 |
| 0.447596 | 2.234158 | 2.0276% | 1891 | 0.438701 | 2.279459 | 2.6465% | 1890 |
| 0.427390 | 2.339785 | 1.5328% | 1889 | 0.420937 | 2.375650 | 2.0811% | 1888 |
| 0.412356 | 2.425090 | 2.1599% | 1887 | 0.403638 | 2.477468 | 2.2075% | 1886 |
| 0.394920 | 2.532159 | 2.2592% | 1885 | 0.386195 | 2.589365 | 2.3095% | 1884 |
| 0.377477 | 2.649168 | 2.3641% | 1883 | 0.368759 | 2.711798 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.360041 | 2.777461 | 2.4815% | 1881 | 0.351323 | 2.846383 | 3.7644% | 1880 |
| 0.338578 | 2.953532 | 0.9432% | 1879 | 0.335414 | 2.981390 | 2.1464% | 1878 |
| 0.328366 | 3.045382 | 2.1913% | 1877 | 0.321325 | 3.112116 | 2.2426% | 1876 |
| 0.314277 | 3.181908 | 2.2941% | 1875 | 0.307229 | 3.254903 | 2.3456% | 1874 |
| 0.300188 | 3.331250 | 2.4043% | 1873 | 0.293140 | 3.411344 | 2.4635% | 1872 |
| 0.286092 | 3.495384 | 2.5258% | 1871 | 0.279044 | 3.583669 | 5.9947% | 1870 |
| 0.263262 | 3.798499 | -1.0968% | 1869 | 0.266181 | 3.756837 | 2.1930% | 1868 |
| 0.260469 | 3.839224 | 2.2394% | 1867 | 0.254764 | 3.925199 | 2.2935% | 1866 |
| 0.249052 | 4.015224 | 2.3445% | 1865 | 0.243347 | 4.109360 | 2.4037% | 1864 |
| 0.237635 | 4.208136 | 2.4599% | 1863 | 0.231930 | 4.311651 | 2.5250% | 1862 |
| 0.226218 | 4.420521 | 2.5872% | 1861 | 0.220512 | 4.534891 | 2.9504% | 1860 |
| 0.214193 | 4.668688 | 2.4012% | 1859 | 0.209170 | 4.780795 | 2.7627% | 1858 |
| 0.203547 | 4.912874 | 2.8412% | 1857 | 0.197923 | 5.052459 | 2.9243% | 1856 |
| 0.192300 | 5.200207 | 3.0161% | 1855 | 0.186670 | 5.357053 | 3.1061% | 1854 |
| 0.181046 | 5.523446 | 3.2056% | 1853 | 0.175423 | 5.700507 | 3.3118% | 1852 |
| 0.169800 | 5.889296 | 3.4252% | 1851 | 0.164176 | 6.091018 | 4.0106% | 1850 |
| 0.157846 | 6.335304 | 2.3254% | 1849 | 0.154259 | 6.482623 | 2.7841% | 1848 |
| 0.150080 | 6.663105 | 2.8590% | 1847 | 0.145909 | 6.853604 | 2.9432% | 1846 |
| 0.141737 | 7.055316 | 3.0324% | 1845 | 0.137566 | 7.269262 | 3.1325% | 1844 |
| 0.133387 | 7.496972 | 3.2284% | 1843 | 0.129216 | 7.739001 | 3.3361% | 1842 |
| 0.125044 | 7.997179 | 3.4512% | 1841 | 0.120873 | 8.273177 | 3.8105% | 1840 |
| 0.116436 | 8.588426 | 2.3861% | 1839 | 0.113722 | 8.793350 | 2.5824% | 1838 |
| 0.110859 | 9.020429 | 2.6573% | 1837 | 0.107990 | 9.260131 | 2.7232% | 1836 |
| 0.105127 | 9.512303 | 2.7994% | 1835 | 0.102264 | 9.778594 | 2.8871% | 1834 |
| 0.099395 | 10.060914 | 2.9657% | 1833 | 0.096532 | 10.359289 | 3.0563% | 1832 |
| 0.093669 | 10.675902 | 3.1604% | 1831 | 0.090799 | 11.013306 | 3.4660% | 1830 |
| 0.087758 | 11.395024 | 2.4653% | 1829 | 0.085646 | 11.675945 | 2.6804% | 1828 |
| 0.083410 | 11.988907 | 10.3427% | 1827 | 0.075592 | 13.228877 | -4.2314% | 1826 |
| 0.078932 | 12.669106 | 2.9150% | 1825 | 0.076696 | 13.038415 | 3.0026% | 1824 |
| 0.074461 | 13.429902 | 3.0955% | 1823 | 0.072225 | 13.845626 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.069989 | 14.287909 | 3.3102% | 1821 | 0.067747 | 14.760866 | 3.2277% | 1820 |
| 0.065628 | 15.237309 | 2.6573% | 1819 | 0.063930 | 15.642206 | 2.6261% | 1818 |
| 0.062294 | 16.052987 | 2.6969% | 1817 | 0.060658 | 16.485925 | 2.7717% | 1816 |
| 0.059022 | 16.942863 | 2.8507% | 1815 | 0.057386 | 17.425852 | 2.9343% | 1814 |
| 0.055750 | 17.937187 | 3.0231% | 1813 | 0.054114 | 18.479437 | 3.1039% | 1812 |
| 0.052485 | 19.053019 | 3.2172% | 1811 | 0.050849 | 19.665985 | 3.0969% | 1810 |
| 0.049322 | 20.275024 | 2.9144% | 1809 | 0.047925 | 20.865915 | 2.8225% | 1808 |
| 0.046610 | 21.454848 | 2.9199% | 1807 | 0.045287 | 22.081314 | 2.9918% | 1806 |
| 0.043972 | 22.741939 | 3.0841% | 1805 | 0.042656 | 23.443313 | 3.1822% | 1804 |
| 0.041341 | 24.189324 | 3.2868% | 1803 | 0.040025 | 24.984375 | 3.3985% | 1802 |
| 0.038709 | 25.833465 | 3.5180% | 1801 | 0.037394 | 26.742299 | 3.3999% | 1800 |
| 0.036164 | 27.651523 | 2.8419% | 1799 | 0.035165 | 28.437343 | 2.7485% | 1798 |
| 0.034224 | 29.218930 | 2.8261% | 1797 | 0.033284 | 30.044696 | 3.7832% | 1796 |
| 0.032070 | 31.181350 | 2.1272% | 1795 | 0.031402 | 31.844639 | 3.0879% | 1794 |
| 0.030462 | 32.827982 | 3.1625% | 1793 | 0.029528 | 33.866170 | 3.2904% | 1792 |
| 0.028587 | 34.980508 | 3.4024% | 1791 | 0.027647 | 36.170673 | 3.2296% | 1790 |
| 0.026782 | 37.338828 | 41.3145% | 1780 | 0.018952 | 52.765160 | 29.4353% | 1770 |
| 0.014642 | 68.296751 | 83.4728% | 1750 | 0.007980 | 125.305987 | 29.2845% | 1740 |
| 0.006173 | 162.001159 | 94.2514% | 1720 | 0.003178 | 314.689511 | 85.8111% | 1700 |
| 0.001710 | 584.727979 | 19.2490% | 1690 | 0.001434 | 697.282557 | 88.0250% | 1670 |
| 0.000763 | 1311.065684 | | | | | | |

BASE YEAR: 1947

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.092104 | 0.477988 | 8.2857% | 2001 | 1.932023 | 0.517592 | 1.0000% |
| 2000 | 1.912894 | 0.522768 | 1.0000% | 1999 | 1.893954 | 0.527996 | 1.0000% |
| 1998 | 1.875202 | 0.533276 | 1.0000% | 1997 | 1.856636 | 0.538609 | 1.0000% |
| 1996 | 1.838254 | 0.543995 | 1.0000% | 1995 | 1.820053 | 0.549435 | 0.9992% |
| 1994 | 1.802047 | 0.554925 | 1.0008% | 1993 | 1.784191 | 0.560478 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.766526 | 0.566083 | 0.9295% | 1991 | 1.750257 | 0.571345 | 1.2505% | 1990 |
| 1.728640 | 0.578489 | 0.7224% | 1989 | 1.716241 | 0.582669 | 1.1077% | 1988 |
| 1.697439 | 0.589123 | 0.8834% | 1987 | 1.682576 | 0.594327 | 0.5594% | 1986 |
| 1.673216 | 0.597651 | 1.3056% | 1985 | 1.651652 | 0.605454 | 0.7673% | 1984 |
| 1.639076 | 0.610100 | 0.8149% | 1983 | 1.625826 | 0.615072 | 0.9737% | 1982 |
| 1.610147 | 0.621061 | 0.9508% | 1981 | 1.594982 | 0.626966 | 0.9031% | 1980 |
| 1.580707 | 0.632628 | 2.2701% | 1979 | 1.545620 | 0.646989 | 1.0042% | 1978 |
| 1.530254 | 0.653486 | 0.9896% | 1977 | 1.515259 | 0.659953 | 0.9103% | 1976 |
| 1.501589 | 0.665961 | 0.8394% | 1975 | 1.489089 | 0.671551 | 0.9042% | 1974 |
| 1.475746 | 0.677623 | 1.1568% | 1973 | 1.458870 | 0.685462 | 0.9427% | 1972 |
| 1.445246 | 0.691924 | 0.7426% | 1971 | 1.434592 | 0.697062 | 1.4697% | 1970 |
| 1.413813 | 0.707307 | 0.6968% | 1969 | 1.404029 | 0.712236 | 0.8565% | 1968 |
| 1.392105 | 0.718337 | 1.5090% | 1967 | 1.371410 | 0.729177 | 0.9949% | 1966 |
| 1.357900 | 0.736431 | 1.0575% | 1965 | 1.343691 | 0.744219 | 1.1300% | 1964 |
| 1.328677 | 0.752628 | 1.5537% | 1963 | 1.308350 | 0.764322 | 1.4658% | 1962 |
| 1.289449 | 0.775525 | 1.5364% | 1961 | 1.269937 | 0.787441 | 2.1586% | 1960 |
| 1.243103 | 0.804439 | -1.6655% | 1959 | 1.264157 | 0.791041 | 4.3080% | 1958 |
| 1.211946 | 0.825119 | 2.1130% | 1957 | 1.186868 | 0.842553 | 1.9895% | 1956 |
| 1.163716 | 0.859316 | 2.1231% | 1955 | 1.139523 | 0.877560 | 1.4496% | 1954 |
| 1.123241 | 0.890281 | 2.1573% | 1953 | 1.099521 | 0.909487 | 1.2298% | 1952 |
| 1.086164 | 0.920671 | 1.6814% | 1951 | 1.068203 | 0.936151 | 1.6233% | 1950 |
| 1.051141 | 0.951348 | 1.4265% | 1949 | 1.036357 | 0.964919 | 1.7790% | 1948 |
| 1.018242 | 0.982085 | 1.8242% | 1947 | 1.000000 | 1.000000 | -2.6320% | 1946 |
| 1.027032 | 0.973680 | 3.1768% | 1945 | 0.995410 | 1.004612 | 6.4754% | 1944 |
| 0.934873 | 1.069664 | -0.3437% | 1943 | 0.938097 | 1.065988 | 0.6562% | 1942 |
| 0.931981 | 1.072983 | 0.6633% | 1941 | 0.925840 | 1.080100 | -5.6614% | 1940 |
| 0.981401 | 1.018951 | 8.0381% | 1939 | 0.908384 | 1.100856 | 0.8126% | 1938 |
| 0.901062 | 1.109802 | 0.7762% | 1937 | 0.894121 | 1.118416 | 0.6029% | 1936 |
| 0.888763 | 1.125159 | 0.5244% | 1935 | 0.884127 | 1.131059 | -3.0364% | 1934 |
| 0.911813 | 1.096716 | 4.6271% | 1933 | 0.871488 | 1.147463 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.859522 | 1.163437 | -0.2051% | 1931 | 0.861289 | 1.161051 | 0.8886% | 1930 |
| 0.853703 | 1.171368 | 1.0126% | 1929 | 0.845145 | 1.183229 | 1.1526% | 1928 |
| 0.835515 | 1.196867 | 1.2160% | 1927 | 0.825477 | 1.211421 | 1.4086% | 1926 |
| 0.814011 | 1.228484 | 1.7667% | 1925 | 0.799880 | 1.250188 | 1.4465% | 1924 |
| 0.788474 | 1.268272 | 1.7700% | 1923 | 0.774761 | 1.290720 | 1.6165% | 1922 |
| 0.762436 | 1.311585 | 1.3736% | 1921 | 0.752105 | 1.329601 | 2.3393% | 1920 |
| 0.734913 | 1.360705 | 1.3140% | 1919 | 0.725382 | 1.378584 | 0.7676% | 1918 |
| 0.719856 | 1.389167 | 0.3870% | 1917 | 0.717081 | 1.394543 | 1.3274% | 1916 |
| 0.707687 | 1.413055 | 1.4083% | 1915 | 0.697859 | 1.432955 | 1.4458% | 1914 |
| 0.687913 | 1.453672 | 1.9424% | 1913 | 0.674806 | 1.481908 | 1.9857% | 1912 |
| 0.661667 | 1.511334 | 1.5634% | 1911 | 0.651482 | 1.534962 | 1.8169% | 1910 |
| 0.639856 | 1.562851 | 1.8781% | 1909 | 0.628061 | 1.592203 | 2.0082% | 1908 |
| 0.615696 | 1.624178 | 1.9603% | 1907 | 0.603859 | 1.656016 | 1.8264% | 1906 |
| 0.593028 | 1.686261 | 1.9357% | 1905 | 0.581767 | 1.718901 | 2.0148% | 1904 |
| 0.570277 | 1.753534 | 2.1335% | 1903 | 0.558364 | 1.790946 | 1.8151% | 1902 |
| 0.548410 | 1.823454 | 1.8943% | 1901 | 0.538214 | 1.857997 | 3.0255% | 1900 |
| 0.522409 | 1.914211 | 0.6278% | 1899 | 0.519149 | 1.926229 | 1.7757% | 1898 |
| 0.510092 | 1.960432 | 1.8078% | 1897 | 0.501034 | 1.995872 | 1.8396% | 1896 |
| 0.491984 | 2.032588 | 1.8755% | 1895 | 0.482926 | 2.070710 | 1.9114% | 1894 |
| 0.473869 | 2.110289 | 1.9486% | 1893 | 0.464811 | 2.151411 | 1.9858% | 1892 |
| 0.455761 | 2.194134 | 2.0276% | 1891 | 0.446703 | 2.238623 | 2.6465% | 1890 |
| 0.435186 | 2.297868 | 1.5328% | 1889 | 0.428616 | 2.333090 | 2.0811% | 1888 |
| 0.419878 | 2.381645 | 2.1599% | 1887 | 0.411001 | 2.433085 | 2.2075% | 1886 |
| 0.402124 | 2.486796 | 2.2592% | 1885 | 0.393240 | 2.542977 | 2.3095% | 1884 |
| 0.384363 | 2.601708 | 2.3641% | 1883 | 0.375486 | 2.663216 | 2.4214% | 1882 |
| 0.366609 | 2.727703 | 2.4815% | 1881 | 0.357732 | 2.795390 | 3.7644% | 1880 |
| 0.344754 | 2.900620 | 0.9432% | 1879 | 0.341532 | 2.927979 | 2.1464% | 1878 |
| 0.334356 | 2.990825 | 2.1913% | 1877 | 0.327186 | 3.056363 | 2.2426% | 1876 |
| 0.320010 | 3.124905 | 2.2941% | 1875 | 0.312833 | 3.196592 | 2.3456% | 1874 |
| 0.305664 | 3.271571 | 2.4043% | 1873 | 0.298487 | 3.350230 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.291310 | 3.432765 | 2.5258% | 1871 | 0.284134 | 3.519468 | 5.9947% | 1870 |
| 0.268064 | 3.730449 | -1.0968% | 1869 | 0.271037 | 3.689534 | 2.1930% | 1868 |
| 0.265221 | 3.770445 | 2.2394% | 1867 | 0.259411 | 3.854880 | 2.2935% | 1866 |
| 0.253595 | 3.943292 | 2.3445% | 1865 | 0.247786 | 4.035741 | 2.4037% | 1864 |
| 0.241970 | 4.132748 | 2.4599% | 1863 | 0.236160 | 4.234409 | 2.5250% | 1862 |
| 0.230344 | 4.341328 | 2.5872% | 1861 | 0.224535 | 4.453649 | 2.9504% | 1860 |
| 0.218100 | 4.585050 | 2.4012% | 1859 | 0.212986 | 4.695148 | 2.7627% | 1858 |
| 0.207260 | 4.824861 | 2.8412% | 1857 | 0.201534 | 4.961945 | 2.9243% | 1856 |
| 0.195808 | 5.107047 | 3.0161% | 1855 | 0.190075 | 5.261082 | 3.1061% | 1854 |
| 0.184349 | 5.424495 | 3.2056% | 1853 | 0.178623 | 5.598384 | 3.3118% | 1852 |
| 0.172897 | 5.783790 | 3.4252% | 1851 | 0.167171 | 5.981898 | 4.0106% | 1850 |
| 0.160725 | 6.221809 | 2.3254% | 1849 | 0.157072 | 6.366488 | 2.7841% | 1848 |
| 0.152818 | 6.543737 | 2.8590% | 1847 | 0.148570 | 6.730823 | 2.9432% | 1846 |
| 0.144323 | 6.928922 | 3.0324% | 1845 | 0.140075 | 7.139035 | 3.1325% | 1844 |
| 0.135820 | 7.362665 | 3.2284% | 1843 | 0.131573 | 7.600359 | 3.3361% | 1842 |
| 0.127325 | 7.853911 | 3.4512% | 1841 | 0.123077 | 8.124965 | 3.8105% | 1840 |
| 0.118560 | 8.434566 | 2.3861% | 1839 | 0.115797 | 8.635819 | 2.5824% | 1838 |
| 0.112882 | 8.858829 | 2.6573% | 1837 | 0.109960 | 9.094237 | 2.7232% | 1836 |
| 0.107045 | 9.341892 | 2.7994% | 1835 | 0.104130 | 9.603413 | 2.8871% | 1834 |
| 0.101208 | 9.880675 | 2.9657% | 1833 | 0.098293 | 10.173704 | 3.0563% | 1832 |
| 0.095378 | 10.484646 | 3.1604% | 1831 | 0.092456 | 10.816005 | 3.4660% | 1830 |
| 0.089358 | 11.190884 | 2.4653% | 1829 | 0.087208 | 11.466773 | 2.6804% | 1828 |
| 0.084932 | 11.774128 | 10.3427% | 1827 | 0.076971 | 12.991885 | -4.2314% | 1826 |
| 0.080372 | 12.442142 | 2.9150% | 1825 | 0.078096 | 12.804835 | 3.0026% | 1824 |
| 0.075819 | 13.189308 | 3.0955% | 1823 | 0.073542 | 13.597584 | 3.1944% | 1822 |
| 0.071266 | 14.031944 | 3.3102% | 1821 | 0.068983 | 14.496428 | 3.2277% | 1820 |
| 0.066826 | 14.964335 | 2.6573% | 1819 | 0.065096 | 15.361979 | 2.6261% | 1818 |
| 0.063430 | 15.765401 | 2.6969% | 1817 | 0.061764 | 16.190583 | 2.7717% | 1816 |
| 0.060099 | 16.639335 | 2.8507% | 1815 | 0.058433 | 17.113671 | 2.9343% | 1814 |
| 0.056767 | 17.615845 | 3.0231% | 1813 | 0.055101 | 18.148381 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.053443 | 18.711688 | 3.2172% | 1811 | 0.051777 | 19.313673 | 3.0969% | 1810 |
| 0.050221 | 19.911801 | 2.9144% | 1809 | 0.048799 | 20.492106 | 2.8225% | 1808 |
| 0.047460 | 21.070488 | 2.9199% | 1807 | 0.046113 | 21.685731 | 2.9918% | 1806 |
| 0.044774 | 22.334522 | 3.0841% | 1805 | 0.043434 | 23.023330 | 3.1822% | 1804 |
| 0.042095 | 23.755977 | 3.2868% | 1803 | 0.040755 | 24.536785 | 3.3985% | 1802 |
| 0.039416 | 25.370664 | 3.5180% | 1801 | 0.038076 | 26.263215 | 3.3999% | 1800 |
| 0.036824 | 27.156151 | 2.8419% | 1799 | 0.035806 | 27.927893 | 2.7485% | 1798 |
| 0.034849 | 28.695479 | 2.8261% | 1797 | 0.033891 | 29.506451 | 3.7832% | 1796 |
| 0.032655 | 30.622742 | 2.1272% | 1795 | 0.031975 | 31.274148 | 3.0879% | 1794 |
| 0.031017 | 32.239875 | 3.1625% | 1793 | 0.030067 | 33.259464 | 3.2904% | 1792 |
| 0.029109 | 34.353839 | 3.4024% | 1791 | 0.028151 | 35.522682 | 3.2296% | 1790 |
| 0.027270 | 36.669910 | 41.3145% | 1780 | 0.019298 | 51.819882 | 29.4353% | 1770 |
| 0.014909 | 67.073228 | 83.4728% | 1750 | 0.008126 | 123.061155 | 29.2845% | 1740 |
| 0.006285 | 159.098940 | 94.2514% | 1720 | 0.003236 | 309.051909 | 85.8111% | 1700 |
| 0.001741 | 574.252690 | 19.2490% | 1690 | 0.001460 | 684.790875 | 88.0250% | 1670 |
| 0.000777 | 1287.578195 | | | | | | |

BASE YEAR: 1946

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.037039 | 0.490909 | 8.2857% | 2001 | 1.881172 | 0.531584 | 1.0000% |
| 2000 | 1.862546 | 0.536900 | 1.0000% | 1999 | 1.844105 | 0.542269 | 1.0000% |
| 1998 | 1.825846 | 0.547691 | 1.0000% | 1997 | 1.807769 | 0.553168 | 1.0000% |
| 1996 | 1.789870 | 0.558700 | 1.0000% | 1995 | 1.772149 | 0.564287 | 0.9992% |
| 1994 | 1.754616 | 0.569925 | 1.0008% | 1993 | 1.737230 | 0.575629 | 1.0000% |
| 1992 | 1.720030 | 0.581385 | 0.9295% | 1991 | 1.704189 | 0.586789 | 1.2505% |
| 1990 | 1.683141 | 0.594127 | 0.7224% | 1989 | 1.671069 | 0.598419 | 1.1077% |
| 1988 | 1.652762 | 0.605048 | 0.8834% | 1987 | 1.638290 | 0.610393 | 0.5594% |
| 1986 | 1.629177 | 0.613807 | 1.3056% | 1985 | 1.608180 | 0.621821 | 0.7673% |
| 1984 | 1.595934 | 0.626592 | 0.8149% | 1983 | 1.583034 | 0.631699 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.567767 | 0.637850 | 0.9508% | 1981 | 1.553001 | 0.643914 | 0.9031% | 1980 |
| 1.539102 | 0.649729 | 2.2701% | 1979 | 1.504939 | 0.664479 | 1.0042% | 1978 |
| 1.489977 | 0.671151 | 0.9896% | 1977 | 1.475377 | 0.677793 | 0.9103% | 1976 |
| 1.462067 | 0.683963 | 0.8394% | 1975 | 1.449896 | 0.689705 | 0.9042% | 1974 |
| 1.436904 | 0.695941 | 1.1568% | 1973 | 1.420472 | 0.703991 | 0.9427% | 1972 |
| 1.407206 | 0.710628 | 0.7426% | 1971 | 1.396833 | 0.715905 | 1.4697% | 1970 |
| 1.376600 | 0.726427 | 0.6968% | 1969 | 1.367074 | 0.731489 | 0.8565% | 1968 |
| 1.355464 | 0.737755 | 1.5090% | 1967 | 1.335314 | 0.748888 | 0.9949% | 1966 |
| 1.322160 | 0.756338 | 1.0575% | 1965 | 1.308325 | 0.764336 | 1.1300% | 1964 |
| 1.293706 | 0.772973 | 1.5537% | 1963 | 1.273913 | 0.784983 | 1.4658% | 1962 |
| 1.255510 | 0.796489 | 1.5364% | 1961 | 1.236512 | 0.808727 | 2.1586% | 1960 |
| 1.210384 | 0.826184 | -1.6655% | 1959 | 1.230884 | 0.812424 | 4.3080% | 1958 |
| 1.180048 | 0.847423 | 2.1130% | 1957 | 1.155630 | 0.865329 | 1.9895% | 1956 |
| 1.133087 | 0.882545 | 2.1231% | 1955 | 1.109531 | 0.901282 | 1.4496% | 1954 |
| 1.093676 | 0.914347 | 2.1573% | 1953 | 1.070581 | 0.934072 | 1.2298% | 1952 |
| 1.057576 | 0.945559 | 1.6814% | 1951 | 1.040088 | 0.961457 | 1.6233% | 1950 |
| 1.023474 | 0.977064 | 1.4265% | 1949 | 1.009079 | 0.991002 | 1.7790% | 1948 |
| 0.991441 | 1.008633 | 1.8242% | 1947 | 0.973680 | 1.027032 | -2.6320% | 1946 |
| 1.000000 | 1.000000 | 3.1768% | 1945 | 0.969210 | 1.031768 | 6.4754% | 1944 |
| 0.910267 | 1.098579 | -0.3437% | 1943 | 0.913406 | 1.094804 | 0.6562% | 1942 |
| 0.907451 | 1.101988 | 0.6633% | 1941 | 0.901471 | 1.109298 | -5.6614% | 1940 |
| 0.955570 | 1.046495 | 8.0381% | 1939 | 0.884475 | 1.130614 | 0.8126% | 1938 |
| 0.877346 | 1.139802 | 0.7762% | 1937 | 0.870588 | 1.148649 | 0.6029% | 1936 |
| 0.865371 | 1.155574 | 0.5244% | 1935 | 0.860856 | 1.161634 | -3.0364% | 1934 |
| 0.887814 | 1.126363 | 4.6271% | 1933 | 0.848550 | 1.178481 | 1.3921% | 1932 |
| 0.836900 | 1.194887 | -0.2051% | 1931 | 0.838619 | 1.192436 | 0.8886% | 1930 |
| 0.831233 | 1.203032 | 1.0126% | 1929 | 0.822901 | 1.215214 | 1.1526% | 1928 |
| 0.813524 | 1.229220 | 1.2160% | 1927 | 0.803750 | 1.244167 | 1.4086% | 1926 |
| 0.792586 | 1.261693 | 1.7667% | 1925 | 0.778827 | 1.283983 | 1.4465% | 1924 |
| 0.767722 | 1.302556 | 1.7700% | 1923 | 0.754369 | 1.325610 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.742369 | 1.347039 | 1.3736% | 1921 | 0.732310 | 1.365543 | 2.3393% | 1920 |
| 0.715570 | 1.397487 | 1.3140% | 1919 | 0.706289 | 1.415850 | 0.7676% | 1918 |
| 0.700909 | 1.426719 | 0.3870% | 1917 | 0.698207 | 1.432240 | 1.3274% | 1916 |
| 0.689060 | 1.451252 | 1.4083% | 1915 | 0.679491 | 1.471690 | 1.4458% | 1914 |
| 0.669807 | 1.492968 | 1.9424% | 1913 | 0.657045 | 1.521967 | 1.9857% | 1912 |
| 0.644252 | 1.552188 | 1.5634% | 1911 | 0.634335 | 1.576455 | 1.8169% | 1910 |
| 0.623015 | 1.605098 | 1.8781% | 1909 | 0.611530 | 1.635243 | 2.0082% | 1908 |
| 0.599491 | 1.668082 | 1.9603% | 1907 | 0.587965 | 1.700781 | 1.8264% | 1906 |
| 0.577419 | 1.731843 | 1.9357% | 1905 | 0.566455 | 1.765366 | 2.0148% | 1904 |
| 0.555267 | 1.800935 | 2.1335% | 1903 | 0.543668 | 1.839359 | 1.8151% | 1902 |
| 0.533975 | 1.872746 | 1.8943% | 1901 | 0.524048 | 1.908222 | 3.0255% | 1900 |
| 0.508659 | 1.965955 | 0.6278% | 1899 | 0.505485 | 1.978299 | 1.7757% | 1898 |
| 0.496666 | 2.013426 | 1.8078% | 1897 | 0.487847 | 2.049824 | 1.8396% | 1896 |
| 0.479034 | 2.087533 | 1.8755% | 1895 | 0.470215 | 2.126685 | 1.9114% | 1894 |
| 0.461396 | 2.167334 | 1.9486% | 1893 | 0.452577 | 2.209568 | 1.9858% | 1892 |
| 0.443765 | 2.253445 | 2.0276% | 1891 | 0.434946 | 2.299137 | 2.6465% | 1890 |
| 0.423732 | 2.359984 | 1.5328% | 1889 | 0.417335 | 2.396158 | 2.0811% | 1888 |
| 0.408827 | 2.446025 | 2.1599% | 1887 | 0.400183 | 2.498856 | 2.2075% | 1886 |
| 0.391540 | 2.554019 | 2.2592% | 1885 | 0.382890 | 2.611719 | 2.3095% | 1884 |
| 0.374246 | 2.672037 | 2.3641% | 1883 | 0.365603 | 2.735208 | 2.4214% | 1882 |
| 0.356960 | 2.801438 | 2.4815% | 1881 | 0.348316 | 2.870955 | 3.7644% | 1880 |
| 0.335680 | 2.979029 | 0.9432% | 1879 | 0.332543 | 3.007128 | 2.1464% | 1878 |
| 0.325556 | 3.071672 | 2.1913% | 1877 | 0.318575 | 3.138982 | 2.2426% | 1876 |
| 0.311587 | 3.209377 | 2.2941% | 1875 | 0.304599 | 3.283002 | 2.3456% | 1874 |
| 0.297618 | 3.360008 | 2.4043% | 1873 | 0.290631 | 3.440793 | 2.4635% | 1872 |
| 0.283643 | 3.525559 | 2.5258% | 1871 | 0.276655 | 3.614606 | 5.9947% | 1870 |
| 0.261009 | 3.831290 | -1.0968% | 1869 | 0.263903 | 3.789269 | 2.1930% | 1868 |
| 0.258240 | 3.872367 | 2.2394% | 1867 | 0.252584 | 3.959085 | 2.2935% | 1866 |
| 0.246921 | 4.049886 | 2.3445% | 1865 | 0.241264 | 4.144835 | 2.4037% | 1864 |
| 0.235601 | 4.244464 | 2.4599% | 1863 | 0.229945 | 4.348873 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.224282 | 4.458682 | 2.5872% | 1861 | 0.218625 | 4.574039 | 2.9504% | 1860 |
| 0.212360 | 4.708992 | 2.4012% | 1859 | 0.207380 | 4.822066 | 2.7627% | 1858 |
| 0.201805 | 4.955286 | 2.8412% | 1857 | 0.196229 | 5.096076 | 2.9243% | 1856 |
| 0.190654 | 5.245100 | 3.0161% | 1855 | 0.185072 | 5.403299 | 3.1061% | 1854 |
| 0.179497 | 5.571129 | 3.2056% | 1853 | 0.173922 | 5.749718 | 3.3118% | 1852 |
| 0.168346 | 5.940137 | 3.4252% | 1851 | 0.162771 | 6.143600 | 4.0106% | 1850 |
| 0.156495 | 6.389996 | 2.3254% | 1849 | 0.152938 | 6.538586 | 2.7841% | 1848 |
| 0.148796 | 6.720626 | 2.8590% | 1847 | 0.144660 | 6.912770 | 2.9432% | 1846 |
| 0.140524 | 7.116223 | 3.0324% | 1845 | 0.136388 | 7.332016 | 3.1325% | 1844 |
| 0.132246 | 7.561692 | 3.2284% | 1843 | 0.128110 | 7.805811 | 3.3361% | 1842 |
| 0.123974 | 8.066217 | 3.4512% | 1841 | 0.119838 | 8.344598 | 3.8105% | 1840 |
| 0.115439 | 8.662568 | 2.3861% | 1839 | 0.112749 | 8.869261 | 2.5824% | 1838 |
| 0.109911 | 9.098300 | 2.6573% | 1837 | 0.107066 | 9.340071 | 2.7232% | 1836 |
| 0.104227 | 9.594421 | 2.7994% | 1835 | 0.101389 | 9.863011 | 2.8871% | 1834 |
| 0.098544 | 10.147768 | 2.9657% | 1833 | 0.095706 | 10.448718 | 3.0563% | 1832 |
| 0.092867 | 10.768065 | 3.1604% | 1831 | 0.090022 | 11.108382 | 3.4660% | 1830 |
| 0.087006 | 11.493394 | 2.4653% | 1829 | 0.084913 | 11.776741 | 2.6804% | 1828 |
| 0.082697 | 12.092404 | 10.3427% | 1827 | 0.074945 | 13.343079 | -4.2314% | 1826 |
| 0.078257 | 12.778476 | 2.9150% | 1825 | 0.076040 | 13.150973 | 3.0026% | 1824 |
| 0.073823 | 13.545839 | 3.0955% | 1823 | 0.071607 | 13.965152 | 3.1944% | 1822 |
| 0.069390 | 14.411253 | 3.3102% | 1821 | 0.067167 | 14.888294 | 3.2277% | 1820 |
| 0.065067 | 15.368849 | 2.6573% | 1819 | 0.063382 | 15.777242 | 2.6261% | 1818 |
| 0.061761 | 16.191569 | 2.6969% | 1817 | 0.060139 | 16.628245 | 2.7717% | 1816 |
| 0.058517 | 17.089127 | 2.8507% | 1815 | 0.056895 | 17.576286 | 2.9343% | 1814 |
| 0.055273 | 18.092034 | 3.0231% | 1813 | 0.053651 | 18.638966 | 3.1039% | 1812 |
| 0.052036 | 19.217500 | 3.2172% | 1811 | 0.050414 | 19.835757 | 3.0969% | 1810 |
| 0.048900 | 20.450054 | 2.9144% | 1809 | 0.047515 | 21.046046 | 2.8225% | 1808 |
| 0.046211 | 21.640063 | 2.9199% | 1807 | 0.044900 | 22.271937 | 2.9918% | 1806 |
| 0.043595 | 22.938265 | 3.0841% | 1805 | 0.042291 | 23.645694 | 3.1822% | 1804 |
| 0.040987 | 24.398145 | 3.2868% | 1803 | 0.039682 | 25.200060 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.038378 | 26.056480 | 3.5180% | 1801 | 0.037074 | 26.973159 | 3.3999% | 1800 |
| 0.035855 | 27.890232 | 2.8419% | 1799 | 0.034864 | 28.682836 | 2.7485% | 1798 |
| 0.033931 | 29.471171 | 2.8261% | 1797 | 0.032999 | 30.304065 | 3.7832% | 1796 |
| 0.031796 | 31.450531 | 2.1272% | 1795 | 0.031134 | 32.119546 | 3.0879% | 1794 |
| 0.030201 | 33.111378 | 3.1625% | 1793 | 0.029275 | 34.158530 | 3.2904% | 1792 |
| 0.028343 | 35.282487 | 3.4024% | 1791 | 0.027410 | 36.482927 | 3.2296% | 1790 |
| 0.026553 | 37.661166 | 41.3145% | 1780 | 0.018790 | 53.220670 | 29.4353% | 1770 |
| 0.014517 | 68.886341 | 83.4728% | 1750 | 0.007912 | 126.387726 | 29.2845% | 1740 |
| 0.006120 | 163.399680 | 94.2514% | 1720 | 0.003151 | 317.406156 | 85.8111% | 1700 |
| 0.001696 | 589.775807 | 19.2490% | 1690 | 0.001422 | 703.302044 | 88.0250% | 1670 |
| 0.000756 | 1322.383825 | | | | | | |

BASE YEAR: 1945

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.101752 | 0.475794 | 8.2857% | 2001 | 1.940933 | 0.515216 | 1.0000% |
| 2000 | 1.921715 | 0.520368 | 1.0000% | 1999 | 1.902688 | 0.525572 | 1.0000% |
| 1998 | 1.883850 | 0.530828 | 1.0000% | 1997 | 1.865198 | 0.536136 | 1.0000% |
| 1996 | 1.846731 | 0.541497 | 1.0000% | 1995 | 1.828446 | 0.546912 | 0.9992% |
| 1994 | 1.810357 | 0.552377 | 1.0008% | 1993 | 1.792419 | 0.557905 | 1.0000% |
| 1992 | 1.774672 | 0.563484 | 0.9295% | 1991 | 1.758328 | 0.568722 | 1.2505% |
| 1990 | 1.736612 | 0.575834 | 0.7224% | 1989 | 1.724155 | 0.579994 | 1.1077% |
| 1988 | 1.705267 | 0.586419 | 0.8834% | 1987 | 1.690335 | 0.591599 | 0.5594% |
| 1986 | 1.680932 | 0.594908 | 1.3056% | 1985 | 1.659268 | 0.602675 | 0.7673% |
| 1984 | 1.646634 | 0.607299 | 0.8149% | 1983 | 1.633323 | 0.612249 | 0.9737% |
| 1982 | 1.617572 | 0.618210 | 0.9508% | 1981 | 1.602337 | 0.624088 | 0.9031% |
| 1980 | 1.587997 | 0.629724 | 2.2701% | 1979 | 1.552748 | 0.644019 | 1.0042% |
| 1978 | 1.537311 | 0.650487 | 0.9896% | 1977 | 1.522247 | 0.656924 | 0.9103% |
| 1976 | 1.508514 | 0.662904 | 0.8394% | 1975 | 1.495956 | 0.668469 | 0.9042% |
| 1974 | 1.482552 | 0.674513 | 1.1568% | 1973 | 1.465598 | 0.682316 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.451910 | 0.688748 | 0.7426% | 1971 | 1.441208 | 0.693863 | 1.4697% | 1970 |
| 1.420332 | 0.704061 | 0.6968% | 1969 | 1.410504 | 0.708967 | 0.8565% | 1968 |
| 1.398525 | 0.715039 | 1.5090% | 1967 | 1.377734 | 0.725829 | 0.9949% | 1966 |
| 1.364162 | 0.733051 | 1.0575% | 1965 | 1.349887 | 0.740803 | 1.1300% | 1964 |
| 1.334804 | 0.749174 | 1.5537% | 1963 | 1.314383 | 0.760813 | 1.4658% | 1962 |
| 1.295395 | 0.771965 | 1.5364% | 1961 | 1.275793 | 0.783826 | 2.1586% | 1960 |
| 1.248835 | 0.800746 | -1.6655% | 1959 | 1.269987 | 0.787410 | 4.3080% | 1958 |
| 1.217535 | 0.821331 | 2.1130% | 1957 | 1.192342 | 0.838686 | 1.9895% | 1956 |
| 1.169083 | 0.855371 | 2.1231% | 1955 | 1.144778 | 0.873532 | 1.4496% | 1954 |
| 1.128420 | 0.886195 | 2.1573% | 1953 | 1.104592 | 0.905312 | 1.2298% | 1952 |
| 1.091173 | 0.916445 | 1.6814% | 1951 | 1.073129 | 0.931854 | 1.6233% | 1950 |
| 1.055988 | 0.946981 | 1.4265% | 1949 | 1.041136 | 0.960490 | 1.7790% | 1948 |
| 1.022937 | 0.977577 | 1.8242% | 1947 | 1.004612 | 0.995410 | -2.6320% | 1946 |
| 1.031768 | 0.969210 | 3.1768% | 1945 | 1.000000 | 1.000000 | 6.4754% | 1944 |
| 0.939184 | 1.064754 | -0.3437% | 1943 | 0.942423 | 1.061095 | 0.6562% | 1942 |
| 0.936279 | 1.068058 | 0.6633% | 1941 | 0.930109 | 1.075142 | -5.6614% | 1940 |
| 0.985927 | 1.014274 | 8.0381% | 1939 | 0.912573 | 1.095802 | 0.8126% | 1938 |
| 0.905217 | 1.104707 | 0.7762% | 1937 | 0.898245 | 1.113283 | 0.6029% | 1936 |
| 0.892862 | 1.119994 | 0.5244% | 1935 | 0.888204 | 1.125867 | -3.0364% | 1934 |
| 0.916018 | 1.091682 | 4.6271% | 1933 | 0.875507 | 1.142195 | 1.3921% | 1932 |
| 0.863486 | 1.158096 | -0.2051% | 1931 | 0.865261 | 1.155721 | 0.8886% | 1930 |
| 0.857640 | 1.165991 | 1.0126% | 1929 | 0.849042 | 1.177797 | 1.1526% | 1928 |
| 0.839368 | 1.191373 | 1.2160% | 1927 | 0.829284 | 1.205860 | 1.4086% | 1926 |
| 0.817765 | 1.222845 | 1.7667% | 1925 | 0.803568 | 1.244449 | 1.4465% | 1924 |
| 0.792111 | 1.262450 | 1.7700% | 1923 | 0.778334 | 1.284795 | 1.6165% | 1922 |
| 0.765952 | 1.305564 | 1.3736% | 1921 | 0.755574 | 1.323498 | 2.3393% | 1920 |
| 0.738302 | 1.354459 | 1.3140% | 1919 | 0.728727 | 1.372256 | 0.7676% | 1918 |
| 0.723175 | 1.382790 | 0.3870% | 1917 | 0.720388 | 1.388142 | 1.3274% | 1916 |
| 0.710950 | 1.406568 | 1.4083% | 1915 | 0.701077 | 1.426377 | 1.4458% | 1914 |
| 0.691085 | 1.446999 | 1.9424% | 1913 | 0.677918 | 1.475106 | 1.9857% | 1912 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.664718 | 1.504396 | 1.5634% | 1911 | 0.654486 | 1.527916 | 1.8169% | 1910 |
| 0.642807 | 1.555677 | 1.8781% | 1909 | 0.630957 | 1.584894 | 2.0082% | 1908 |
| 0.618535 | 1.616722 | 1.9603% | 1907 | 0.606644 | 1.648414 | 1.8264% | 1906 |
| 0.595763 | 1.678520 | 1.9357% | 1905 | 0.584450 | 1.711011 | 2.0148% | 1904 |
| 0.572907 | 1.745485 | 2.1335% | 1903 | 0.560939 | 1.782725 | 1.8151% | 1902 |
| 0.550939 | 1.815084 | 1.8943% | 1901 | 0.540696 | 1.849468 | 3.0255% | 1900 |
| 0.524818 | 1.905424 | 0.6278% | 1899 | 0.521543 | 1.917387 | 1.7757% | 1898 |
| 0.512444 | 1.951433 | 1.8078% | 1897 | 0.503345 | 1.986710 | 1.8396% | 1896 |
| 0.494252 | 2.023258 | 1.8755% | 1895 | 0.485153 | 2.061205 | 1.9114% | 1894 |
| 0.476054 | 2.100602 | 1.9486% | 1893 | 0.466955 | 2.141535 | 1.9858% | 1892 |
| 0.457862 | 2.184062 | 2.0276% | 1891 | 0.448763 | 2.228347 | 2.6465% | 1890 |
| 0.437193 | 2.287320 | 1.5328% | 1889 | 0.430593 | 2.322381 | 2.0811% | 1888 |
| 0.421814 | 2.370713 | 2.1599% | 1887 | 0.412896 | 2.421916 | 2.2075% | 1886 |
| 0.403978 | 2.475381 | 2.2592% | 1885 | 0.395053 | 2.531304 | 2.3095% | 1884 |
| 0.386135 | 2.589766 | 2.3641% | 1883 | 0.377217 | 2.650991 | 2.4214% | 1882 |
| 0.368299 | 2.715182 | 2.4815% | 1881 | 0.359381 | 2.782558 | 3.7644% | 1880 |
| 0.346344 | 2.887305 | 0.9432% | 1879 | 0.343107 | 2.914539 | 2.1464% | 1878 |
| 0.335898 | 2.977096 | 2.1913% | 1877 | 0.328695 | 3.042333 | 2.2426% | 1876 |
| 0.321485 | 3.110561 | 2.2941% | 1875 | 0.314276 | 3.181919 | 2.3456% | 1874 |
| 0.307073 | 3.256554 | 2.4043% | 1873 | 0.299863 | 3.334852 | 2.4635% | 1872 |
| 0.292654 | 3.417007 | 2.5258% | 1871 | 0.285444 | 3.503313 | 5.9947% | 1870 |
| 0.269300 | 3.713325 | -1.0968% | 1869 | 0.272287 | 3.672598 | 2.1930% | 1868 |
| 0.266444 | 3.753137 | 2.2394% | 1867 | 0.260608 | 3.837185 | 2.2935% | 1866 |
| 0.254765 | 3.925191 | 2.3445% | 1865 | 0.248929 | 4.017216 | 2.4037% | 1864 |
| 0.243086 | 4.113778 | 2.4599% | 1863 | 0.237250 | 4.214972 | 2.5250% | 1862 |
| 0.231406 | 4.321400 | 2.5872% | 1861 | 0.225570 | 4.433205 | 2.9504% | 1860 |
| 0.219106 | 4.564003 | 2.4012% | 1859 | 0.213968 | 4.673595 | 2.7627% | 1858 |
| 0.208216 | 4.802713 | 2.8412% | 1857 | 0.202463 | 4.939168 | 2.9243% | 1856 |
| 0.196711 | 5.083604 | 3.0161% | 1855 | 0.190951 | 5.236932 | 3.1061% | 1854 |
| 0.185199 | 5.399594 | 3.2056% | 1853 | 0.179447 | 5.572685 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.173694 | 5.757241 | 3.4252% | 1851 | 0.167942 | 5.954439 | 4.0106% | 1850 |
| 0.161466 | 6.193248 | 2.3254% | 1849 | 0.157797 | 6.337264 | 2.7841% | 1848 |
| 0.153523 | 6.513699 | 2.8590% | 1847 | 0.149255 | 6.699926 | 2.9432% | 1846 |
| 0.144988 | 6.897116 | 3.0324% | 1845 | 0.140721 | 7.106264 | 3.1325% | 1844 |
| 0.136447 | 7.328868 | 3.2284% | 1843 | 0.132179 | 7.565471 | 3.3361% | 1842 |
| 0.127912 | 7.817859 | 3.4512% | 1841 | 0.123645 | 8.087668 | 3.8105% | 1840 |
| 0.119106 | 8.395848 | 2.3861% | 1839 | 0.116331 | 8.596177 | 2.5824% | 1838 |
| 0.113402 | 8.818164 | 2.6573% | 1837 | 0.110467 | 9.052492 | 2.7232% | 1836 |
| 0.107538 | 9.299010 | 2.7994% | 1835 | 0.104610 | 9.559330 | 2.8871% | 1834 |
| 0.101674 | 9.835319 | 2.9657% | 1833 | 0.098746 | 10.127004 | 3.0563% | 1832 |
| 0.095817 | 10.436518 | 3.1604% | 1831 | 0.092882 | 10.766356 | 3.4660% | 1830 |
| 0.089771 | 11.139514 | 2.4653% | 1829 | 0.087611 | 11.414136 | 2.6804% | 1828 |
| 0.085324 | 11.720080 | 10.3427% | 1827 | 0.077326 | 12.932248 | -4.2314% | 1826 |
| 0.080743 | 12.385028 | 2.9150% | 1825 | 0.078456 | 12.746056 | 3.0026% | 1824 |
| 0.076169 | 13.128765 | 3.0955% | 1823 | 0.073882 | 13.535167 | 3.1944% | 1822 |
| 0.071595 | 13.967533 | 3.3102% | 1821 | 0.069301 | 14.429885 | 3.2277% | 1820 |
| 0.067134 | 14.895644 | 2.6573% | 1819 | 0.065396 | 15.291462 | 2.6261% | 1818 |
| 0.063723 | 15.693033 | 2.6969% | 1817 | 0.062049 | 16.116263 | 2.7717% | 1816 |
| 0.060376 | 16.562955 | 2.8507% | 1815 | 0.058702 | 17.035114 | 2.9343% | 1814 |
| 0.057029 | 17.534983 | 3.0231% | 1813 | 0.055355 | 18.065074 | 3.1039% | 1812 |
| 0.053689 | 18.625795 | 3.2172% | 1811 | 0.052016 | 19.225017 | 3.0969% | 1810 |
| 0.050453 | 19.820399 | 2.9144% | 1809 | 0.049024 | 20.398041 | 2.8225% | 1808 |
| 0.047679 | 20.973768 | 2.9199% | 1807 | 0.046326 | 21.586187 | 2.9918% | 1806 |
| 0.044980 | 22.231999 | 3.0841% | 1805 | 0.043635 | 22.917645 | 3.1822% | 1804 |
| 0.042289 | 23.646929 | 3.2868% | 1803 | 0.040943 | 24.424153 | 3.3985% | 1802 |
| 0.039597 | 25.254204 | 3.5180% | 1801 | 0.038252 | 26.142659 | 3.3999% | 1800 |
| 0.036994 | 27.031495 | 2.8419% | 1799 | 0.035972 | 27.799695 | 2.7485% | 1798 |
| 0.035009 | 28.563757 | 2.8261% | 1797 | 0.034047 | 29.371007 | 3.7832% | 1796 |
| 0.032806 | 30.482173 | 2.1272% | 1795 | 0.032123 | 31.130589 | 3.0879% | 1794 |
| 0.031161 | 32.091883 | 3.1625% | 1793 | 0.030205 | 33.106792 | 3.2904% | 1792 |

0.029243 34.196143 3.4024% 1791 0.028281 35.359622 3.2296% 1790
0.027396 36.501583 41.3145% 1780 0.019387 51.582012 29.4353% 1770
0.014978 66.765339 83.4728% 1750 0.008164 122.496263 29.2845% 1740
0.006314 158.368623 94.2514% 1720 0.003251 307.633258 85.8111%
1700 0.001749 571.616680 19.2490% 1690 0.001467 681.647457
88.0250% 1670 0.000780 1281.667784

BASE YEAR: 1944

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.237849 | 0.446858 | 8.2857% | 2001 | 2.066616 | 0.483883 | 1.0000% |
| 2000 | 2.046154 | 0.488722 | 1.0000% | 1999 | 2.025895 | 0.493609 | 1.0000% |
| 1998 | 2.005837 | 0.498545 | 1.0000% | 1997 | 1.985977 | 0.503530 | 1.0000% |
| 1996 | 1.966314 | 0.508566 | 1.0000% | 1995 | 1.946846 | 0.513651 | 0.9992% |
| 1994 | 1.927585 | 0.518784 | 1.0008% | 1993 | 1.908485 | 0.523976 | 1.0000% |
| 1992 | 1.889589 | 0.529216 | 0.9295% | 1991 | 1.872187 | 0.534135 | 1.2505% |
| 1990 | 1.849064 | 0.540814 | 0.7224% | 1989 | 1.835802 | 0.544721 | 1.1077% |
| 1988 | 1.815690 | 0.550755 | 0.8834% | 1987 | 1.799791 | 0.555620 | 0.5594% |
| 1986 | 1.789780 | 0.558728 | 1.3056% | 1985 | 1.766713 | 0.566023 | 0.7673% |
| 1984 | 1.753261 | 0.570366 | 0.8149% | 1983 | 1.739088 | 0.575014 | 0.9737% |
| 1982 | 1.722317 | 0.580613 | 0.9508% | 1981 | 1.706095 | 0.586134 | 0.9031% |
| 1980 | 1.690826 | 0.591427 | 2.2701% | 1979 | 1.653295 | 0.604853 | 1.0042% |
| 1978 | 1.636858 | 0.610927 | 0.9896% | 1977 | 1.620818 | 0.616972 | 0.9103% |
| 1976 | 1.606197 | 0.622589 | 0.8394% | 1975 | 1.592826 | 0.627815 | 0.9042% |
| 1974 | 1.578553 | 0.633492 | 1.1568% | 1973 | 1.560501 | 0.640820 | 0.9427% |
| 1972 | 1.545928 | 0.646861 | 0.7426% | 1971 | 1.534532 | 0.651665 | 1.4697% |
| 1970 | 1.512305 | 0.661242 | 0.6968% | 1969 | 1.501840 | 0.665850 | 0.8565% |
| 1968 | 1.489085 | 0.671553 | 1.5090% | 1967 | 1.466948 | 0.681687 | 0.9949% |
| 1966 | 1.452497 | 0.688469 | 1.0575% | 1965 | 1.437298 | 0.695750 | 1.1300% |
| 1964 | 1.421238 | 0.703612 | 1.5537% | 1963 | 1.399495 | 0.714544 | 1.4658% |
| 1962 | 1.379277 | 0.725017 | 1.5364% | 1961 | 1.358406 | 0.736157 | 2.1586% |
| 1960 | 1.329703 | 0.752048 | -1.6655% | 1959 | 1.352224 | 0.739523 | 4.3080% |
| 1958 | 1.296376 | 0.771381 | 2.1130% | 1957 | 1.269551 | 0.787680 | 1.9895% |
| 1956 | 1.244786 | 0.803351 | 2.1231% | 1955 | 1.218907 | 0.820407 | 1.4496% |
| 1954 | 1.201490 | 0.832300 | 2.1573% | 1953 | 1.176118 | 0.850255 | 1.2298% |
| 1952 | 1.161831 | 0.860711 | 1.6814% | 1951 | 1.142619 | 0.875182 | 1.6233% |
| 1950 | 1.124367 | 0.889389 | 1.4265% | 1949 | 1.108554 | 0.902076 | 1.7790% |
| 1948 | 1.089177 | 0.918125 | 1.8242% | 1947 | 1.069664 | 0.934873 | -2.6320% |
| 1946 | 1.098579 | 0.910267 | 3.1768% | 1945 | 1.064754 | 0.939184 | 6.4754% |
| 1944 | 1.000000 | 1.000000 | -0.3437% | 1943 | 1.003449 | 0.996563 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.996907 | 1.003103 | 0.6633% | 1941 | 0.990338 | 1.009756 | -5.6614% | 1940 |
| 1.049770 | 0.952590 | 8.0381% | 1939 | 0.971666 | 1.029160 | 0.8126% | 1938 |
| 0.963834 | 1.037523 | 0.7762% | 1937 | 0.956410 | 1.045577 | 0.6029% | 1936 |
| 0.950678 | 1.051881 | 0.5244% | 1935 | 0.945719 | 1.057397 | -3.0364% | 1934 |
| 0.975334 | 1.025290 | 4.6271% | 1933 | 0.932200 | 1.072732 | 1.3921% | 1932 |
| 0.919400 | 1.087665 | -0.2051% | 1931 | 0.921290 | 1.085435 | 0.8886% | 1930 |
| 0.913175 | 1.095080 | 1.0126% | 1929 | 0.904021 | 1.106168 | 1.1526% | 1928 |
| 0.893721 | 1.118918 | 1.2160% | 1927 | 0.882983 | 1.132524 | 1.4086% | 1926 |
| 0.870719 | 1.148477 | 1.7667% | 1925 | 0.855603 | 1.168767 | 1.4465% | 1924 |
| 0.843403 | 1.185673 | 1.7700% | 1923 | 0.828735 | 1.206659 | 1.6165% | 1922 |
| 0.815551 | 1.226165 | 1.3736% | 1921 | 0.804500 | 1.243008 | 2.3393% | 1920 |
| 0.786111 | 1.272086 | 1.3140% | 1919 | 0.775915 | 1.288801 | 0.7676% | 1918 |
| 0.770004 | 1.298694 | 0.3870% | 1917 | 0.767036 | 1.303720 | 1.3274% | 1916 |
| 0.756987 | 1.321026 | 1.4083% | 1915 | 0.746475 | 1.339630 | 1.4458% | 1914 |
| 0.735836 | 1.358999 | 1.9424% | 1913 | 0.721816 | 1.385396 | 1.9857% | 1912 |
| 0.707762 | 1.412905 | 1.5634% | 1911 | 0.696867 | 1.434994 | 1.8169% | 1910 |
| 0.684431 | 1.461067 | 1.8781% | 1909 | 0.671814 | 1.488507 | 2.0082% | 1908 |
| 0.658588 | 1.518400 | 1.9603% | 1907 | 0.645926 | 1.548164 | 1.8264% | 1906 |
| 0.634341 | 1.576439 | 1.9357% | 1905 | 0.622295 | 1.606954 | 2.0148% | 1904 |
| 0.610005 | 1.639331 | 2.1335% | 1903 | 0.597262 | 1.674307 | 1.8151% | 1902 |
| 0.586614 | 1.704698 | 1.8943% | 1901 | 0.575708 | 1.736991 | 3.0255% | 1900 |
| 0.558802 | 1.789544 | 0.6278% | 1899 | 0.555315 | 1.800779 | 1.7757% | 1898 |
| 0.545627 | 1.832755 | 1.8078% | 1897 | 0.535938 | 1.865886 | 1.8396% | 1896 |
| 0.526257 | 1.900211 | 1.8755% | 1895 | 0.516569 | 1.935850 | 1.9114% | 1894 |
| 0.506880 | 1.972852 | 1.9486% | 1893 | 0.497192 | 2.011296 | 1.9858% | 1892 |
| 0.487511 | 2.051236 | 2.0276% | 1891 | 0.477822 | 2.092827 | 2.6465% | 1890 |
| 0.465503 | 2.148214 | 1.5328% | 1889 | 0.458475 | 2.181143 | 2.0811% | 1888 |
| 0.449128 | 2.226535 | 2.1599% | 1887 | 0.439633 | 2.274625 | 2.2075% | 1886 |
| 0.430137 | 2.324838 | 2.2592% | 1885 | 0.420635 | 2.377360 | 2.3095% | 1884 |
| 0.411139 | 2.432266 | 2.3641% | 1883 | 0.401644 | 2.489768 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.392148 | 2.550055 | 2.4815% | 1881 | 0.382653 | 2.613334 | 3.7644% | 1880 |
| 0.368771 | 2.711710 | 0.9432% | 1879 | 0.365325 | 2.737288 | 2.1464% | 1878 |
| 0.357649 | 2.796041 | 2.1913% | 1877 | 0.349979 | 2.857310 | 2.2426% | 1876 |
| 0.342303 | 2.921389 | 2.2941% | 1875 | 0.334626 | 2.988407 | 2.3456% | 1874 |
| 0.326957 | 3.058503 | 2.4043% | 1873 | 0.319281 | 3.132039 | 2.4635% | 1872 |
| 0.311604 | 3.209198 | 2.5258% | 1871 | 0.303928 | 3.290255 | 5.9947% | 1870 |
| 0.286739 | 3.487495 | -1.0968% | 1869 | 0.289919 | 3.449245 | 2.1930% | 1868 |
| 0.283697 | 3.524886 | 2.2394% | 1867 | 0.277483 | 3.603822 | 2.2935% | 1866 |
| 0.271262 | 3.686476 | 2.3445% | 1865 | 0.265048 | 3.772905 | 2.4037% | 1864 |
| 0.258826 | 3.863594 | 2.4599% | 1863 | 0.252612 | 3.958634 | 2.5250% | 1862 |
| 0.246391 | 4.058589 | 2.5872% | 1861 | 0.240177 | 4.163595 | 2.9504% | 1860 |
| 0.233294 | 4.286438 | 2.4012% | 1859 | 0.227823 | 4.389366 | 2.7627% | 1858 |
| 0.221698 | 4.510631 | 2.8412% | 1857 | 0.215574 | 4.638787 | 2.9243% | 1856 |
| 0.209449 | 4.774439 | 3.0161% | 1855 | 0.203316 | 4.918443 | 3.1061% | 1854 |
| 0.197192 | 5.071212 | 3.2056% | 1853 | 0.191067 | 5.233776 | 3.3118% | 1852 |
| 0.184942 | 5.407108 | 3.4252% | 1851 | 0.178817 | 5.592314 | 4.0106% | 1850 |
| 0.171922 | 5.816599 | 2.3254% | 1849 | 0.168015 | 5.951857 | 2.7841% | 1848 |
| 0.163464 | 6.117561 | 2.8590% | 1847 | 0.158920 | 6.292463 | 2.9432% | 1846 |
| 0.154377 | 6.477660 | 3.0324% | 1845 | 0.149833 | 6.674089 | 3.1325% | 1844 |
| 0.145282 | 6.883155 | 3.2284% | 1843 | 0.140739 | 7.105368 | 3.3361% | 1842 |
| 0.136195 | 7.342408 | 3.4512% | 1841 | 0.131652 | 7.595808 | 3.8105% | 1840 |
| 0.126819 | 7.885246 | 2.3861% | 1839 | 0.123864 | 8.073392 | 2.5824% | 1838 |
| 0.120746 | 8.281878 | 2.6573% | 1837 | 0.117620 | 8.501955 | 2.7232% | 1836 |
| 0.114502 | 8.733480 | 2.7994% | 1835 | 0.111384 | 8.977969 | 2.8871% | 1834 |
| 0.108258 | 9.237174 | 2.9657% | 1833 | 0.105140 | 9.511119 | 3.0563% | 1832 |
| 0.102022 | 9.801810 | 3.1604% | 1831 | 0.098896 | 10.111588 | 3.4660% | 1830 |
| 0.095584 | 10.462053 | 2.4653% | 1829 | 0.093284 | 10.719974 | 2.6804% | 1828 |
| 0.090849 | 11.007311 | 10.3427% | 1827 | 0.082333 | 12.145759 | -4.2314% | 1826 |
| 0.085971 | 11.631819 | 2.9150% | 1825 | 0.083536 | 11.970891 | 3.0026% | 1824 |
| 0.081101 | 12.330325 | 3.0955% | 1823 | 0.078666 | 12.712011 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|-------------|----------|------------|------------|------|
| 0.076231 | 13.118082 | 3.3102% | 1821 | 0.073788 | 13.552316 | 3.2277% | 1820 |
| 0.071481 | 13.989749 | 2.6573% | 1819 | 0.069631 | 14.361496 | 2.6261% | 1818 |
| 0.067849 | 14.738644 | 2.6969% | 1817 | 0.066067 | 15.136135 | 2.7717% | 1816 |
| 0.064285 | 15.555661 | 2.8507% | 1815 | 0.062503 | 15.999105 | 2.9343% | 1814 |
| 0.060722 | 16.468574 | 3.0231% | 1813 | 0.058940 | 16.966428 | 3.1039% | 1812 |
| 0.057166 | 17.493048 | 3.2172% | 1811 | 0.055384 | 18.055827 | 3.0969% | 1810 |
| 0.053720 | 18.615000 | 2.9144% | 1809 | 0.052199 | 19.157512 | 2.8225% | 1808 |
| 0.050766 | 19.698226 | 2.9199% | 1807 | 0.049326 | 20.273400 | 2.9918% | 1806 |
| 0.047893 | 20.879936 | 3.0841% | 1805 | 0.046460 | 21.523884 | 3.1822% | 1804 |
| 0.045027 | 22.208816 | 3.2868% | 1803 | 0.043594 | 22.938772 | 3.3985% | 1802 |
| 0.042161 | 23.718343 | 3.5180% | 1801 | 0.040729 | 24.552765 | 3.3999% | 1800 |
| 0.039389 | 25.387546 | 2.8419% | 1799 | 0.038301 | 26.109027 | 2.7485% | 1798 |
| 0.037276 | 26.826622 | 2.8261% | 1797 | 0.036252 | 27.584777 | 3.7832% | 1796 |
| 0.034930 | 28.628367 | 2.1272% | 1795 | 0.034203 | 29.237349 | 3.0879% | 1794 |
| 0.033178 | 30.140181 | 3.1625% | 1793 | 0.032161 | 31.093367 | 3.2904% | 1792 |
| 0.031137 | 32.116468 | 3.4024% | 1791 | 0.030112 | 33.209188 | 3.2296% | 1790 |
| 0.029170 | 34.281700 | 41.3145% | 1780 | 0.020642 | 48.444996 | 29.4353% | 1770 |
| 0.015948 | 62.704934 | 83.4728% | 1750 | 0.008692 | 115.046522 | 29.2845% | 1740 |
| 0.006723 | 148.737266 | 94.2514% | 1720 | 0.003461 | 288.924213 | 85.8111% | |
| 1700 | 0.001863 | 536.853200 | 19.2490% | 1690 | 0.001562 | 640.192338 | |
| 88.0250% | 1670 | 0.000831 | 1203.721787 | | | | |

BASE YEAR: 1943

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.230158 | 0.448399 | 8.2857% | 2001 | 2.059514 | 0.485552 | 1.0000% |
| 2000 | 2.039122 | 0.490407 | 1.0000% | 1999 | 2.018933 | 0.495311 | 1.0000% |
| 1998 | 1.998943 | 0.500264 | 1.0000% | 1997 | 1.979152 | 0.505267 | 1.0000% |
| 1996 | 1.959556 | 0.510320 | 1.0000% | 1995 | 1.940155 | 0.515423 | 0.9992% |
| 1994 | 1.920960 | 0.520573 | 1.0008% | 1993 | 1.901926 | 0.525783 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.883095 | 0.531041 | 0.9295% | 1991 | 1.865753 | 0.535977 | 1.2505% | 1990 |
| 1.842710 | 0.542679 | 0.7224% | 1989 | 1.829492 | 0.546600 | 1.1077% | 1988 |
| 1.809450 | 0.552654 | 0.8834% | 1987 | 1.793606 | 0.557536 | 0.5594% | 1986 |
| 1.783629 | 0.560655 | 1.3056% | 1985 | 1.760641 | 0.567975 | 0.7673% | 1984 |
| 1.747235 | 0.572333 | 0.8149% | 1983 | 1.733111 | 0.576997 | 0.9737% | 1982 |
| 1.716398 | 0.582616 | 0.9508% | 1981 | 1.700232 | 0.588155 | 0.9031% | 1980 |
| 1.685015 | 0.593467 | 2.2701% | 1979 | 1.647613 | 0.606939 | 1.0042% | 1978 |
| 1.631233 | 0.613033 | 0.9896% | 1977 | 1.615248 | 0.619100 | 0.9103% | 1976 |
| 1.600676 | 0.624736 | 0.8394% | 1975 | 1.587352 | 0.629980 | 0.9042% | 1974 |
| 1.573128 | 0.635676 | 1.1568% | 1973 | 1.555138 | 0.643030 | 0.9427% | 1972 |
| 1.540615 | 0.649092 | 0.7426% | 1971 | 1.529258 | 0.653912 | 1.4697% | 1970 |
| 1.507107 | 0.663523 | 0.6968% | 1969 | 1.496678 | 0.668146 | 0.8565% | 1968 |
| 1.483967 | 0.673869 | 1.5090% | 1967 | 1.461907 | 0.684038 | 0.9949% | 1966 |
| 1.447505 | 0.690844 | 1.0575% | 1965 | 1.432359 | 0.698149 | 1.1300% | 1964 |
| 1.416354 | 0.706038 | 1.5537% | 1963 | 1.394685 | 0.717008 | 1.4658% | 1962 |
| 1.374537 | 0.727518 | 1.5364% | 1961 | 1.353738 | 0.738696 | 2.1586% | 1960 |
| 1.325133 | 0.754641 | -1.6655% | 1959 | 1.347576 | 0.742073 | 4.3080% | 1958 |
| 1.291921 | 0.774041 | 2.1130% | 1957 | 1.265188 | 0.790397 | 1.9895% | 1956 |
| 1.240508 | 0.806122 | 2.1231% | 1955 | 1.214718 | 0.823236 | 1.4496% | 1954 |
| 1.197361 | 0.835170 | 2.1573% | 1953 | 1.172076 | 0.853187 | 1.2298% | 1952 |
| 1.157838 | 0.863679 | 1.6814% | 1951 | 1.138692 | 0.878200 | 1.6233% | 1950 |
| 1.120503 | 0.892456 | 1.4265% | 1949 | 1.104744 | 0.905187 | 1.7790% | 1948 |
| 1.085433 | 0.921291 | 1.8242% | 1947 | 1.065988 | 0.938097 | -2.6320% | 1946 |
| 1.094804 | 0.913406 | 3.1768% | 1945 | 1.061095 | 0.942423 | 6.4754% | 1944 |
| 0.996563 | 1.003449 | -0.3437% | 1943 | 1.000000 | 1.000000 | 0.6562% | 1942 |
| 0.993481 | 1.006562 | 0.6633% | 1941 | 0.986934 | 1.013239 | -5.6614% | 1940 |
| 1.046162 | 0.955875 | 8.0381% | 1939 | 0.968327 | 1.032709 | 0.8126% | 1938 |
| 0.960521 | 1.041101 | 0.7762% | 1937 | 0.953123 | 1.049183 | 0.6029% | 1936 |
| 0.947411 | 1.055508 | 0.5244% | 1935 | 0.942469 | 1.061043 | -3.0364% | 1934 |
| 0.971982 | 1.028826 | 4.6271% | 1933 | 0.928996 | 1.076431 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.916241 | 1.091416 | -0.2051% | 1931 | 0.918124 | 1.089178 | 0.8886% | 1930 |
| 0.910037 | 1.098856 | 1.0126% | 1929 | 0.900915 | 1.109983 | 1.1526% | 1928 |
| 0.890649 | 1.122777 | 1.2160% | 1927 | 0.879949 | 1.136430 | 1.4086% | 1926 |
| 0.867726 | 1.152437 | 1.7667% | 1925 | 0.852662 | 1.172797 | 1.4465% | 1924 |
| 0.840504 | 1.189762 | 1.7700% | 1923 | 0.825886 | 1.210820 | 1.6165% | 1922 |
| 0.812748 | 1.230393 | 1.3736% | 1921 | 0.801735 | 1.247295 | 2.3393% | 1920 |
| 0.783409 | 1.276473 | 1.3140% | 1919 | 0.773248 | 1.293246 | 0.7676% | 1918 |
| 0.767358 | 1.303173 | 0.3870% | 1917 | 0.764400 | 1.308216 | 1.3274% | 1916 |
| 0.754386 | 1.325582 | 1.4083% | 1915 | 0.743909 | 1.344250 | 1.4458% | 1914 |
| 0.733307 | 1.363685 | 1.9424% | 1913 | 0.719335 | 1.390173 | 1.9857% | 1912 |
| 0.705329 | 1.417778 | 1.5634% | 1911 | 0.694472 | 1.439943 | 1.8169% | 1910 |
| 0.682079 | 1.466106 | 1.8781% | 1909 | 0.669505 | 1.493640 | 2.0082% | 1908 |
| 0.656325 | 1.523636 | 1.9603% | 1907 | 0.643706 | 1.553503 | 1.8264% | 1906 |
| 0.632161 | 1.581876 | 1.9357% | 1905 | 0.620157 | 1.612495 | 2.0148% | 1904 |
| 0.607908 | 1.644985 | 2.1335% | 1903 | 0.595209 | 1.680081 | 1.8151% | 1902 |
| 0.584598 | 1.710577 | 1.8943% | 1901 | 0.573730 | 1.742981 | 3.0255% | 1900 |
| 0.556881 | 1.795715 | 0.6278% | 1899 | 0.553407 | 1.806989 | 1.7757% | 1898 |
| 0.543752 | 1.839075 | 1.8078% | 1897 | 0.534096 | 1.872321 | 1.8396% | 1896 |
| 0.524449 | 1.906764 | 1.8755% | 1895 | 0.514794 | 1.942526 | 1.9114% | 1894 |
| 0.505138 | 1.979656 | 1.9486% | 1893 | 0.495483 | 2.018232 | 1.9858% | 1892 |
| 0.485835 | 2.058310 | 2.0276% | 1891 | 0.476180 | 2.100045 | 2.6465% | 1890 |
| 0.463903 | 2.155623 | 1.5328% | 1889 | 0.456900 | 2.188665 | 2.0811% | 1888 |
| 0.447585 | 2.234214 | 2.1599% | 1887 | 0.438122 | 2.282469 | 2.2075% | 1886 |
| 0.428659 | 2.332856 | 2.2592% | 1885 | 0.419189 | 2.385559 | 2.3095% | 1884 |
| 0.409726 | 2.440654 | 2.3641% | 1883 | 0.400263 | 2.498355 | 2.4214% | 1882 |
| 0.390801 | 2.558849 | 2.4815% | 1881 | 0.381338 | 2.622347 | 3.7644% | 1880 |
| 0.367504 | 2.721062 | 0.9432% | 1879 | 0.364070 | 2.746728 | 2.1464% | 1878 |
| 0.356419 | 2.805683 | 2.1913% | 1877 | 0.348777 | 2.867164 | 2.2426% | 1876 |
| 0.341127 | 2.931463 | 2.2941% | 1875 | 0.333476 | 2.998713 | 2.3456% | 1874 |
| 0.325834 | 3.069050 | 2.4043% | 1873 | 0.318184 | 3.142840 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.310533 | 3.220266 | 2.5258% | 1871 | 0.302883 | 3.301602 | 5.9947% | 1870 |
| 0.285753 | 3.499522 | -1.0968% | 1869 | 0.288922 | 3.461140 | 2.1930% | 1868 |
| 0.282722 | 3.537042 | 2.2394% | 1867 | 0.276530 | 3.616251 | 2.2935% | 1866 |
| 0.270329 | 3.699189 | 2.3445% | 1865 | 0.264137 | 3.785916 | 2.4037% | 1864 |
| 0.257937 | 3.876918 | 2.4599% | 1863 | 0.251744 | 3.972285 | 2.5250% | 1862 |
| 0.245544 | 4.072586 | 2.5872% | 1861 | 0.239352 | 4.177954 | 2.9504% | 1860 |
| 0.232492 | 4.301220 | 2.4012% | 1859 | 0.227040 | 4.404503 | 2.7627% | 1858 |
| 0.220937 | 4.526187 | 2.8412% | 1857 | 0.214833 | 4.654785 | 2.9243% | 1856 |
| 0.208729 | 4.790904 | 3.0161% | 1855 | 0.202618 | 4.935404 | 3.1061% | 1854 |
| 0.196514 | 5.088701 | 3.2056% | 1853 | 0.190410 | 5.251826 | 3.3118% | 1852 |
| 0.184306 | 5.425755 | 3.4252% | 1851 | 0.178202 | 5.611599 | 4.0106% | 1850 |
| 0.171331 | 5.836659 | 2.3254% | 1849 | 0.167437 | 5.972382 | 2.7841% | 1848 |
| 0.162902 | 6.138659 | 2.8590% | 1847 | 0.158374 | 6.314164 | 2.9432% | 1846 |
| 0.153846 | 6.499999 | 3.0324% | 1845 | 0.149318 | 6.697106 | 3.1325% | 1844 |
| 0.144783 | 6.906893 | 3.2284% | 1843 | 0.140255 | 7.129872 | 3.3361% | 1842 |
| 0.135727 | 7.367729 | 3.4512% | 1841 | 0.131199 | 7.622003 | 3.8105% | 1840 |
| 0.126383 | 7.912439 | 2.3861% | 1839 | 0.123438 | 8.101234 | 2.5824% | 1838 |
| 0.120331 | 8.310439 | 2.6573% | 1837 | 0.117216 | 8.531275 | 2.7232% | 1836 |
| 0.114108 | 8.763599 | 2.7994% | 1835 | 0.111001 | 9.008930 | 2.8871% | 1834 |
| 0.107886 | 9.269029 | 2.9657% | 1833 | 0.104779 | 9.543919 | 3.0563% | 1832 |
| 0.101671 | 9.835612 | 3.1604% | 1831 | 0.098557 | 10.146459 | 3.4660% | 1830 |
| 0.095255 | 10.498132 | 2.4653% | 1829 | 0.092963 | 10.756943 | 2.6804% | 1828 |
| 0.090536 | 11.045271 | 10.3427% | 1827 | 0.082050 | 12.187645 | -4.2314% | 1826 |
| 0.085676 | 11.671933 | 2.9150% | 1825 | 0.083249 | 12.012174 | 3.0026% | 1824 |
| 0.080822 | 12.372847 | 3.0955% | 1823 | 0.078395 | 12.755850 | 3.1944% | 1822 |
| 0.075969 | 13.163321 | 3.3102% | 1821 | 0.073535 | 13.599053 | 3.2277% | 1820 |
| 0.071235 | 14.037995 | 2.6573% | 1819 | 0.069391 | 14.411023 | 2.6261% | 1818 |
| 0.067616 | 14.789472 | 2.6969% | 1817 | 0.065840 | 15.188334 | 2.7717% | 1816 |
| 0.064064 | 15.609306 | 2.8507% | 1815 | 0.062289 | 16.054280 | 2.9343% | 1814 |
| 0.060513 | 16.525368 | 3.0231% | 1813 | 0.058737 | 17.024938 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.056969 | 17.553375 | 3.2172% | 1811 | 0.055193 | 18.118094 | 3.0969% | 1810 |
| 0.053535 | 18.679196 | 2.9144% | 1809 | 0.052019 | 19.223579 | 2.8225% | 1808 |
| 0.050592 | 19.766157 | 2.9199% | 1807 | 0.049156 | 20.343315 | 2.9918% | 1806 |
| 0.047728 | 20.951943 | 3.0841% | 1805 | 0.046300 | 21.598112 | 3.1822% | 1804 |
| 0.044872 | 22.285405 | 3.2868% | 1803 | 0.043444 | 23.017879 | 3.3985% | 1802 |
| 0.042017 | 23.800138 | 3.5180% | 1801 | 0.040589 | 24.637438 | 3.3999% | 1800 |
| 0.039254 | 25.475098 | 2.8419% | 1799 | 0.038169 | 26.199066 | 2.7485% | 1798 |
| 0.037148 | 26.919136 | 2.8261% | 1797 | 0.036127 | 27.679907 | 3.7832% | 1796 |
| 0.034810 | 28.727095 | 2.1272% | 1795 | 0.034085 | 29.338178 | 3.0879% | 1794 |
| 0.033064 | 30.244123 | 3.1625% | 1793 | 0.032051 | 31.200596 | 3.2904% | 1792 |
| 0.031030 | 32.227226 | 3.4024% | 1791 | 0.030009 | 33.323714 | 3.2296% | 1790 |
| 0.029070 | 34.399924 | 41.3145% | 1780 | 0.020571 | 48.612064 | 29.4353% | 1770 |
| 0.015893 | 62.921179 | 83.4728% | 1750 | 0.008662 | 115.443273 | 29.2845% | 1740 |
| 0.006700 | 149.250203 | 94.2514% | 1720 | 0.003449 | 289.920601 | 85.8111% | 1700 |
| 0.001856 | 538.704599 | 19.2490% | 1690 | 0.001557 | 642.400114 | 88.0250% | 1670 |
| 0.000828 | 1207.872958 | | | | | | |

BASE YEAR: 1942

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.244793 | 0.445475 | 8.2857% | 2001 | 2.073029 | 0.482386 | 1.0000% |
| 2000 | 2.052503 | 0.487210 | 1.0000% | 1999 | 2.032182 | 0.492082 | 1.0000% |
| 1998 | 2.012061 | 0.497003 | 1.0000% | 1997 | 1.992140 | 0.501973 | 1.0000% |
| 1996 | 1.972415 | 0.506993 | 1.0000% | 1995 | 1.952887 | 0.512063 | 0.9992% |
| 1994 | 1.933566 | 0.517179 | 1.0008% | 1993 | 1.914407 | 0.522355 | 1.0000% |
| 1992 | 1.895453 | 0.527579 | 0.9295% | 1991 | 1.877996 | 0.532482 | 1.2505% |
| 1990 | 1.854802 | 0.539141 | 0.7224% | 1989 | 1.841498 | 0.543036 | 1.1077% |
| 1988 | 1.821324 | 0.549051 | 0.8834% | 1987 | 1.805376 | 0.553901 | 0.5594% |
| 1986 | 1.795333 | 0.557000 | 1.3056% | 1985 | 1.772195 | 0.564272 | 0.7673% |
| 1984 | 1.758701 | 0.568602 | 0.8149% | 1983 | 1.744484 | 0.573235 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.727661 | 0.578817 | 0.9508% | 1981 | 1.711389 | 0.584321 | 0.9031% | 1980 |
| 1.696072 | 0.589597 | 2.2701% | 1979 | 1.658425 | 0.602982 | 1.0042% | 1978 |
| 1.641937 | 0.609037 | 0.9896% | 1977 | 1.625848 | 0.615064 | 0.9103% | 1976 |
| 1.611180 | 0.620663 | 0.8394% | 1975 | 1.597768 | 0.625873 | 0.9042% | 1974 |
| 1.583451 | 0.631532 | 1.1568% | 1973 | 1.565343 | 0.638837 | 0.9427% | 1972 |
| 1.550725 | 0.644860 | 0.7426% | 1971 | 1.539293 | 0.649649 | 1.4697% | 1970 |
| 1.516997 | 0.659197 | 0.6968% | 1969 | 1.506500 | 0.663790 | 0.8565% | 1968 |
| 1.493706 | 0.669476 | 1.5090% | 1967 | 1.471500 | 0.679579 | 0.9949% | 1966 |
| 1.457004 | 0.686340 | 1.0575% | 1965 | 1.441758 | 0.693598 | 1.1300% | 1964 |
| 1.425648 | 0.701435 | 1.5537% | 1963 | 1.403837 | 0.712333 | 1.4658% | 1962 |
| 1.383557 | 0.722775 | 1.5364% | 1961 | 1.362621 | 0.733880 | 2.1586% | 1960 |
| 1.333829 | 0.749722 | -1.6655% | 1959 | 1.356419 | 0.737235 | 4.3080% | 1958 |
| 1.300398 | 0.768995 | 2.1130% | 1957 | 1.273490 | 0.785244 | 1.9895% | 1956 |
| 1.248648 | 0.800866 | 2.1231% | 1955 | 1.222689 | 0.817869 | 1.4496% | 1954 |
| 1.205218 | 0.829725 | 2.1573% | 1953 | 1.179768 | 0.847624 | 1.2298% | 1952 |
| 1.165436 | 0.858048 | 1.6814% | 1951 | 1.146164 | 0.872475 | 1.6233% | 1950 |
| 1.127856 | 0.886638 | 1.4265% | 1949 | 1.111993 | 0.899286 | 1.7790% | 1948 |
| 1.092556 | 0.915285 | 1.8242% | 1947 | 1.072983 | 0.931981 | -2.6320% | 1946 |
| 1.101988 | 0.907451 | 3.1768% | 1945 | 1.068058 | 0.936279 | 6.4754% | 1944 |
| 1.003103 | 0.996907 | -0.3437% | 1943 | 1.006562 | 0.993481 | 0.6562% | 1942 |
| 1.000000 | 1.000000 | 0.6633% | 1941 | 0.993411 | 1.006633 | -5.6614% | 1940 |
| 1.053027 | 0.949643 | 8.0381% | 1939 | 0.974681 | 1.025977 | 0.8126% | 1938 |
| 0.966824 | 1.034314 | 0.7762% | 1937 | 0.959377 | 1.042343 | 0.6029% | 1936 |
| 0.953628 | 1.048627 | 0.5244% | 1935 | 0.948653 | 1.054126 | -3.0364% | 1934 |
| 0.978360 | 1.022119 | 4.6271% | 1933 | 0.935092 | 1.069413 | 1.3921% | 1932 |
| 0.922253 | 1.084301 | -0.2051% | 1931 | 0.924149 | 1.082077 | 0.8886% | 1930 |
| 0.916009 | 1.091692 | 1.0126% | 1929 | 0.906827 | 1.102747 | 1.1526% | 1928 |
| 0.896494 | 1.115457 | 1.2160% | 1927 | 0.885723 | 1.129021 | 1.4086% | 1926 |
| 0.873420 | 1.144924 | 1.7667% | 1925 | 0.858258 | 1.165151 | 1.4465% | 1924 |
| 0.846020 | 1.182005 | 1.7700% | 1923 | 0.831306 | 1.202926 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.818082 | 1.222372 | 1.3736% | 1921 | 0.806996 | 1.239163 | 2.3393% | 1920 |
| 0.788550 | 1.268151 | 1.3140% | 1919 | 0.778323 | 1.284814 | 0.7676% | 1918 |
| 0.772393 | 1.294677 | 0.3870% | 1917 | 0.769416 | 1.299687 | 1.3274% | 1916 |
| 0.759336 | 1.316940 | 1.4083% | 1915 | 0.748791 | 1.335486 | 1.4458% | 1914 |
| 0.738119 | 1.354795 | 1.9424% | 1913 | 0.724055 | 1.381110 | 1.9857% | 1912 |
| 0.709958 | 1.408534 | 1.5634% | 1911 | 0.699029 | 1.430556 | 1.8169% | 1910 |
| 0.686555 | 1.456548 | 1.8781% | 1909 | 0.673899 | 1.483902 | 2.0082% | 1908 |
| 0.660632 | 1.513703 | 1.9603% | 1907 | 0.647931 | 1.543375 | 1.8264% | 1906 |
| 0.636309 | 1.571563 | 1.9357% | 1905 | 0.624226 | 1.601983 | 2.0148% | 1904 |
| 0.611898 | 1.634260 | 2.1335% | 1903 | 0.599115 | 1.669128 | 1.8151% | 1902 |
| 0.588434 | 1.699425 | 1.8943% | 1901 | 0.577495 | 1.731618 | 3.0255% | 1900 |
| 0.560536 | 1.784008 | 0.6278% | 1899 | 0.557038 | 1.795209 | 1.7757% | 1898 |
| 0.547320 | 1.827085 | 1.8078% | 1897 | 0.537601 | 1.860115 | 1.8396% | 1896 |
| 0.527890 | 1.894333 | 1.8755% | 1895 | 0.518172 | 1.929862 | 1.9114% | 1894 |
| 0.508453 | 1.966749 | 1.9486% | 1893 | 0.498735 | 2.005074 | 1.9858% | 1892 |
| 0.489024 | 2.044891 | 2.0276% | 1891 | 0.479305 | 2.086354 | 2.6465% | 1890 |
| 0.466947 | 2.141569 | 1.5328% | 1889 | 0.459898 | 2.174396 | 2.0811% | 1888 |
| 0.450522 | 2.219648 | 2.1599% | 1887 | 0.440997 | 2.267589 | 2.2075% | 1886 |
| 0.431472 | 2.317647 | 2.2592% | 1885 | 0.421940 | 2.370006 | 2.3095% | 1884 |
| 0.412415 | 2.424742 | 2.3641% | 1883 | 0.402890 | 2.482067 | 2.4214% | 1882 |
| 0.393365 | 2.542167 | 2.4815% | 1881 | 0.383840 | 2.605250 | 3.7644% | 1880 |
| 0.369915 | 2.703322 | 0.9432% | 1879 | 0.366459 | 2.728821 | 2.1464% | 1878 |
| 0.358758 | 2.787392 | 2.1913% | 1877 | 0.351065 | 2.848472 | 2.2426% | 1876 |
| 0.343365 | 2.912352 | 2.2941% | 1875 | 0.335665 | 2.979163 | 2.3456% | 1874 |
| 0.327972 | 3.049042 | 2.4043% | 1873 | 0.320272 | 3.122351 | 2.4635% | 1872 |
| 0.312571 | 3.199271 | 2.5258% | 1871 | 0.304871 | 3.280077 | 5.9947% | 1870 |
| 0.287628 | 3.476707 | -1.0968% | 1869 | 0.290818 | 3.438575 | 2.1930% | 1868 |
| 0.284577 | 3.513982 | 2.2394% | 1867 | 0.278344 | 3.592675 | 2.2935% | 1866 |
| 0.272103 | 3.675073 | 2.3445% | 1865 | 0.265870 | 3.761234 | 2.4037% | 1864 |
| 0.259630 | 3.851642 | 2.4599% | 1863 | 0.253396 | 3.946388 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.247156 | 4.046035 | 2.5872% | 1861 | 0.240922 | 4.150716 | 2.9504% | 1860 |
| 0.234018 | 4.273179 | 2.4012% | 1859 | 0.228530 | 4.375788 | 2.7627% | 1858 |
| 0.222386 | 4.496678 | 2.8412% | 1857 | 0.216242 | 4.624438 | 2.9243% | 1856 |
| 0.210099 | 4.759670 | 3.0161% | 1855 | 0.203947 | 4.903228 | 3.1061% | 1854 |
| 0.197803 | 5.055525 | 3.2056% | 1853 | 0.191659 | 5.217587 | 3.3118% | 1852 |
| 0.185516 | 5.390382 | 3.4252% | 1851 | 0.179372 | 5.575015 | 4.0106% | 1850 |
| 0.172455 | 5.798607 | 2.3254% | 1849 | 0.168536 | 5.933446 | 2.7841% | 1848 |
| 0.163971 | 6.098638 | 2.8590% | 1847 | 0.159413 | 6.272999 | 2.9432% | 1846 |
| 0.154856 | 6.457623 | 3.0324% | 1845 | 0.150298 | 6.653444 | 3.1325% | 1844 |
| 0.145733 | 6.861864 | 3.2284% | 1843 | 0.141175 | 7.083389 | 3.3361% | 1842 |
| 0.136618 | 7.319695 | 3.4512% | 1841 | 0.132060 | 7.572312 | 3.8105% | 1840 |
| 0.127213 | 7.860854 | 2.3861% | 1839 | 0.124248 | 8.048418 | 2.5824% | 1838 |
| 0.121120 | 8.256260 | 2.6573% | 1837 | 0.117985 | 8.475655 | 2.7232% | 1836 |
| 0.114857 | 8.706465 | 2.7994% | 1835 | 0.111729 | 8.950197 | 2.8871% | 1834 |
| 0.108594 | 9.208600 | 2.9657% | 1833 | 0.105466 | 9.481698 | 3.0563% | 1832 |
| 0.102339 | 9.771490 | 3.1604% | 1831 | 0.099203 | 10.080310 | 3.4660% | 1830 |
| 0.095880 | 10.429690 | 2.4653% | 1829 | 0.093573 | 10.686813 | 2.6804% | 1828 |
| 0.091131 | 10.973262 | 10.3427% | 1827 | 0.082589 | 12.108188 | -4.2314% | 1826 |
| 0.086238 | 11.595838 | 2.9150% | 1825 | 0.083795 | 11.933861 | 3.0026% | 1824 |
| 0.081353 | 12.292183 | 3.0955% | 1823 | 0.078910 | 12.672689 | 3.1944% | 1822 |
| 0.076467 | 13.077504 | 3.3102% | 1821 | 0.074017 | 13.510394 | 3.2277% | 1820 |
| 0.071703 | 13.946475 | 2.6573% | 1819 | 0.069847 | 14.317071 | 2.6261% | 1818 |
| 0.068059 | 14.693053 | 2.6969% | 1817 | 0.066272 | 15.089314 | 2.7717% | 1816 |
| 0.064485 | 15.507542 | 2.8507% | 1815 | 0.062697 | 15.949615 | 2.9343% | 1814 |
| 0.060910 | 16.417632 | 3.0231% | 1813 | 0.059123 | 16.913945 | 3.1039% | 1812 |
| 0.057343 | 17.438936 | 3.2172% | 1811 | 0.055556 | 17.999974 | 3.0969% | 1810 |
| 0.053887 | 18.557418 | 2.9144% | 1809 | 0.052361 | 19.098252 | 2.8225% | 1808 |
| 0.050924 | 19.637293 | 2.9199% | 1807 | 0.049479 | 20.210688 | 2.9918% | 1806 |
| 0.048041 | 20.815348 | 3.0841% | 1805 | 0.046604 | 21.457304 | 3.1822% | 1804 |
| 0.045167 | 22.140117 | 3.2868% | 1803 | 0.043730 | 22.867815 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.042292 | 23.644974 | 3.5180% | 1801 | 0.040855 | 24.476815 | 3.3999% | 1800 |
| 0.039512 | 25.309014 | 2.8419% | 1799 | 0.038420 | 26.028263 | 2.7485% | 1798 |
| 0.037392 | 26.743639 | 2.8261% | 1797 | 0.036364 | 27.499449 | 3.7832% | 1796 |
| 0.035039 | 28.539811 | 2.1272% | 1795 | 0.034309 | 29.146909 | 3.0879% | 1794 |
| 0.033281 | 30.046948 | 3.1625% | 1793 | 0.032261 | 30.997186 | 3.2904% | 1792 |
| 0.031233 | 32.017122 | 3.4024% | 1791 | 0.030206 | 33.106462 | 3.2296% | 1790 |
| 0.029261 | 34.175656 | 41.3145% | 1780 | 0.020706 | 48.295141 | 29.4353% | 1770 |
| 0.015997 | 62.510967 | 83.4728% | 1750 | 0.008719 | 114.690647 | 29.2845% | 1740 |
| 0.006744 | 148.277174 | 94.2514% | 1720 | 0.003472 | 288.030478 | 85.8111% | 1700 |
| 0.001868 | 535.192543 | 19.2490% | 1690 | 0.001567 | 638.212020 | 88.0250% | 1670 |
| 0.000833 | 1199.998293 | | | | | | |

BASE YEAR: 1941

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.259683 | 0.442540 | 8.2857% | 2001 | 2.086779 | 0.479207 | 1.0000% |
| 2000 | 2.066118 | 0.484000 | 1.0000% | 1999 | 2.045661 | 0.488840 | 1.0000% |
| 2025 | 2.025407 | 0.493728 | 1.0000% | 1997 | 2.005353 | 0.498665 | 1.0000% |
| 1985 | 1.985499 | 0.503652 | 1.0000% | 1995 | 1.965840 | 0.508688 | 0.9992% |
| 1946 | 1.946391 | 0.513771 | 1.0008% | 1993 | 1.927105 | 0.518913 | 1.0000% |
| 1908 | 1.908025 | 0.524102 | 0.9295% | 1991 | 1.890453 | 0.528974 | 1.2505% |
| 1867 | 1.867105 | 0.535589 | 0.7224% | 1989 | 1.853713 | 0.539458 | 1.1077% |
| 1833 | 1.833405 | 0.545433 | 0.8834% | 1987 | 1.817351 | 0.550252 | 0.5594% |
| 1807 | 1.807242 | 0.553329 | 1.3056% | 1985 | 1.783950 | 0.560554 | 0.7673% |
| 1770 | 1.770366 | 0.564855 | 0.8149% | 1983 | 1.756055 | 0.569458 | 0.9737% |
| 1739 | 1.739121 | 0.575003 | 0.9508% | 1981 | 1.722741 | 0.580470 | 0.9031% |
| 1707 | 1.707322 | 0.585712 | 2.2701% | 1979 | 1.669425 | 0.599009 | 1.0042% |
| 1652 | 1.652828 | 0.605024 | 0.9896% | 1977 | 1.636632 | 0.611011 | 0.9103% |
| 1621 | 1.621867 | 0.616573 | 0.8394% | 1975 | 1.608366 | 0.621749 | 0.9042% |
| 1593 | 1.593954 | 0.627371 | 1.1568% | 1973 | 1.575726 | 0.634628 | 0.9427% |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.561011 | 0.640611 | 0.7426% | 1971 | 1.549503 | 0.645368 | 1.4697% | 1970 |
| 1.527060 | 0.654853 | 0.6968% | 1969 | 1.516492 | 0.659416 | 0.8565% | 1968 |
| 1.503613 | 0.665065 | 1.5090% | 1967 | 1.481261 | 0.675101 | 0.9949% | 1966 |
| 1.466669 | 0.681817 | 1.0575% | 1965 | 1.451321 | 0.689027 | 1.1300% | 1964 |
| 1.435104 | 0.696813 | 1.5537% | 1963 | 1.413149 | 0.707640 | 1.4658% | 1962 |
| 1.392734 | 0.718012 | 1.5364% | 1961 | 1.371659 | 0.729044 | 2.1586% | 1960 |
| 1.342676 | 0.744781 | -1.6655% | 1959 | 1.365417 | 0.732377 | 4.3080% | 1958 |
| 1.309024 | 0.763928 | 2.1130% | 1957 | 1.281937 | 0.780069 | 1.9895% | 1956 |
| 1.256931 | 0.795589 | 2.1231% | 1955 | 1.230800 | 0.812480 | 1.4496% | 1954 |
| 1.213213 | 0.824258 | 2.1573% | 1953 | 1.187593 | 0.842039 | 1.2298% | 1952 |
| 1.173166 | 0.852394 | 1.6814% | 1951 | 1.153767 | 0.866726 | 1.6233% | 1950 |
| 1.135337 | 0.880795 | 1.4265% | 1949 | 1.119369 | 0.893360 | 1.7790% | 1948 |
| 1.099803 | 0.909254 | 1.8242% | 1947 | 1.080100 | 0.925840 | -2.6320% | 1946 |
| 1.109298 | 0.901471 | 3.1768% | 1945 | 1.075142 | 0.930109 | 6.4754% | 1944 |
| 1.009756 | 0.990338 | -0.3437% | 1943 | 1.013239 | 0.986934 | 0.6562% | 1942 |
| 1.006633 | 0.993411 | 0.6633% | 1941 | 1.000000 | 1.000000 | -5.6614% | 1940 |
| 1.060012 | 0.943386 | 8.0381% | 1939 | 0.981146 | 1.019216 | 0.8126% | 1938 |
| 0.973237 | 1.027499 | 0.7762% | 1937 | 0.965741 | 1.035474 | 0.6029% | 1936 |
| 0.959954 | 1.041717 | 0.5244% | 1935 | 0.954946 | 1.047180 | -3.0364% | 1934 |
| 0.984850 | 1.015384 | 4.6271% | 1933 | 0.941295 | 1.062367 | 1.3921% | 1932 |
| 0.928371 | 1.077156 | -0.2051% | 1931 | 0.930278 | 1.074947 | 0.8886% | 1930 |
| 0.922085 | 1.084499 | 1.0126% | 1929 | 0.912842 | 1.095480 | 1.1526% | 1928 |
| 0.902440 | 1.108107 | 1.2160% | 1927 | 0.891598 | 1.121581 | 1.4086% | 1926 |
| 0.879214 | 1.137380 | 1.7667% | 1925 | 0.863951 | 1.157474 | 1.4465% | 1924 |
| 0.851632 | 1.174217 | 1.7700% | 1923 | 0.836820 | 1.195000 | 1.6165% | 1922 |
| 0.823508 | 1.214317 | 1.3736% | 1921 | 0.812349 | 1.230998 | 2.3393% | 1920 |
| 0.793780 | 1.259795 | 1.3140% | 1919 | 0.783485 | 1.276348 | 0.7676% | 1918 |
| 0.777517 | 1.286146 | 0.3870% | 1917 | 0.774519 | 1.291123 | 1.3274% | 1916 |
| 0.764373 | 1.308262 | 1.4083% | 1915 | 0.753758 | 1.326686 | 1.4458% | 1914 |
| 0.743015 | 1.345868 | 1.9424% | 1913 | 0.728858 | 1.372010 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.714667 | 1.399253 | 1.5634% | 1911 | 0.703666 | 1.421129 | 1.8169% | 1910 |
| 0.691109 | 1.446950 | 1.8781% | 1909 | 0.678369 | 1.474124 | 2.0082% | 1908 |
| 0.665014 | 1.503728 | 1.9603% | 1907 | 0.652228 | 1.533205 | 1.8264% | 1906 |
| 0.640530 | 1.561207 | 1.9357% | 1905 | 0.628367 | 1.591427 | 2.0148% | 1904 |
| 0.615956 | 1.623492 | 2.1335% | 1903 | 0.603089 | 1.658129 | 1.8151% | 1902 |
| 0.592337 | 1.688227 | 1.8943% | 1901 | 0.581325 | 1.720208 | 3.0255% | 1900 |
| 0.564254 | 1.772253 | 0.6278% | 1899 | 0.560733 | 1.783379 | 1.7757% | 1898 |
| 0.550950 | 1.815046 | 1.8078% | 1897 | 0.541167 | 1.847858 | 1.8396% | 1896 |
| 0.531392 | 1.881851 | 1.8755% | 1895 | 0.521609 | 1.917146 | 1.9114% | 1894 |
| 0.511826 | 1.953790 | 1.9486% | 1893 | 0.502043 | 1.991862 | 1.9858% | 1892 |
| 0.492267 | 2.031417 | 2.0276% | 1891 | 0.482484 | 2.072606 | 2.6465% | 1890 |
| 0.470045 | 2.127458 | 1.5328% | 1889 | 0.462948 | 2.160068 | 2.0811% | 1888 |
| 0.453510 | 2.205022 | 2.1599% | 1887 | 0.443922 | 2.252647 | 2.2075% | 1886 |
| 0.434334 | 2.302375 | 2.2592% | 1885 | 0.424739 | 2.354389 | 2.3095% | 1884 |
| 0.415150 | 2.408765 | 2.3641% | 1883 | 0.405562 | 2.465712 | 2.4214% | 1882 |
| 0.395974 | 2.525416 | 2.4815% | 1881 | 0.386386 | 2.588084 | 3.7644% | 1880 |
| 0.372369 | 2.685509 | 0.9432% | 1879 | 0.368889 | 2.710840 | 2.1464% | 1878 |
| 0.361138 | 2.769025 | 2.1913% | 1877 | 0.353394 | 2.829702 | 2.2426% | 1876 |
| 0.345643 | 2.893162 | 2.2941% | 1875 | 0.337891 | 2.959532 | 2.3456% | 1874 |
| 0.330147 | 3.028951 | 2.4043% | 1873 | 0.322396 | 3.101776 | 2.4635% | 1872 |
| 0.314644 | 3.178190 | 2.5258% | 1871 | 0.306893 | 3.258464 | 5.9947% | 1870 |
| 0.289536 | 3.453798 | -1.0968% | 1869 | 0.292747 | 3.415918 | 2.1930% | 1868 |
| 0.286465 | 3.490828 | 2.2394% | 1867 | 0.280190 | 3.569001 | 2.2935% | 1866 |
| 0.273908 | 3.650857 | 2.3445% | 1865 | 0.267634 | 3.736450 | 2.4037% | 1864 |
| 0.261352 | 3.826263 | 2.4599% | 1863 | 0.255077 | 3.920384 | 2.5250% | 1862 |
| 0.248795 | 4.019374 | 2.5872% | 1861 | 0.242520 | 4.123366 | 2.9504% | 1860 |
| 0.235570 | 4.245022 | 2.4012% | 1859 | 0.230046 | 4.346955 | 2.7627% | 1858 |
| 0.223861 | 4.467048 | 2.8412% | 1857 | 0.217677 | 4.593966 | 2.9243% | 1856 |
| 0.211492 | 4.728307 | 3.0161% | 1855 | 0.205300 | 4.870919 | 3.1061% | 1854 |
| 0.199115 | 5.022213 | 3.2056% | 1853 | 0.192931 | 5.183206 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.186746 | 5.354863 | 3.4252% | 1851 | 0.180561 | 5.538279 | 4.0106% | 1850 |
| 0.173599 | 5.760398 | 2.3254% | 1849 | 0.169654 | 5.894348 | 2.7841% | 1848 |
| 0.165059 | 6.058452 | 2.8590% | 1847 | 0.160471 | 6.231664 | 2.9432% | 1846 |
| 0.155883 | 6.415072 | 3.0324% | 1845 | 0.151295 | 6.609603 | 3.1325% | 1844 |
| 0.146700 | 6.816649 | 3.2284% | 1843 | 0.142112 | 7.036715 | 3.3361% | 1842 |
| 0.137524 | 7.271464 | 3.4512% | 1841 | 0.132936 | 7.522416 | 3.8105% | 1840 |
| 0.128056 | 7.809057 | 2.3861% | 1839 | 0.125072 | 7.995385 | 2.5824% | 1838 |
| 0.121924 | 8.201857 | 2.6573% | 1837 | 0.118768 | 8.419807 | 2.7232% | 1836 |
| 0.115619 | 8.649096 | 2.7994% | 1835 | 0.112470 | 8.891222 | 2.8871% | 1834 |
| 0.109314 | 9.147922 | 2.9657% | 1833 | 0.106166 | 9.419220 | 3.0563% | 1832 |
| 0.103017 | 9.707102 | 3.1604% | 1831 | 0.099861 | 10.013888 | 3.4660% | 1830 |
| 0.096516 | 10.360966 | 2.4653% | 1829 | 0.094194 | 10.616395 | 2.6804% | 1828 |
| 0.091735 | 10.900956 | 10.3427% | 1827 | 0.083137 | 12.028404 | -4.2314% | 1826 |
| 0.086810 | 11.519430 | 2.9150% | 1825 | 0.084351 | 11.855226 | 3.0026% | 1824 |
| 0.081892 | 12.211186 | 3.0955% | 1823 | 0.079433 | 12.589185 | 3.1944% | 1822 |
| 0.076974 | 12.991332 | 3.3102% | 1821 | 0.074508 | 13.421370 | 3.2277% | 1820 |
| 0.072178 | 13.854577 | 2.6573% | 1819 | 0.070310 | 14.222732 | 2.6261% | 1818 |
| 0.068511 | 14.596236 | 2.6969% | 1817 | 0.066712 | 14.989887 | 2.7717% | 1816 |
| 0.064912 | 15.405359 | 2.8507% | 1815 | 0.063113 | 15.844518 | 2.9343% | 1814 |
| 0.061314 | 16.309451 | 3.0231% | 1813 | 0.059515 | 16.802494 | 3.1039% | 1812 |
| 0.057723 | 17.324026 | 3.2172% | 1811 | 0.055924 | 17.881367 | 3.0969% | 1810 |
| 0.054244 | 18.435138 | 2.9144% | 1809 | 0.052708 | 18.972408 | 2.8225% | 1808 |
| 0.051261 | 19.507897 | 2.9199% | 1807 | 0.049807 | 20.077514 | 2.9918% | 1806 |
| 0.048360 | 20.678189 | 3.0841% | 1805 | 0.046913 | 21.315916 | 3.1822% | 1804 |
| 0.045466 | 21.994229 | 3.2868% | 1803 | 0.044020 | 22.717132 | 3.3985% | 1802 |
| 0.042573 | 23.489171 | 3.5180% | 1801 | 0.041126 | 24.315530 | 3.3999% | 1800 |
| 0.039774 | 25.142246 | 2.8419% | 1799 | 0.038675 | 25.856755 | 2.7485% | 1798 |
| 0.037640 | 26.567417 | 2.8261% | 1797 | 0.036606 | 27.318247 | 3.7832% | 1796 |
| 0.035271 | 28.351753 | 2.1272% | 1795 | 0.034537 | 28.954851 | 3.0879% | 1794 |
| 0.033502 | 29.848959 | 3.1625% | 1793 | 0.032475 | 30.792936 | 3.2904% | 1792 |

0.031440 31.806152 3.4024% 1791 0.030406 32.888314 3.2296% 1790
0.029455 33.950463 41.3145% 1780 0.020843 47.976910 29.4353% 1770
0.016103 62.099064 83.4728% 1750 0.008777 113.934916 29.2845% 1740
0.006789 147.300133 94.2514% 1720 0.003495 286.132561 85.8111%
1700 0.001881 531.666002 19.2490% 1690 0.001577 634.006654
88.0250% 1670 0.000839 1192.091153

BASE YEAR: 1940

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 2.131752 0.469098 8.2857% 2001 1.968638 0.507966 1.0000%
2000 1.949146 0.513045 1.0000% 1999 1.929847 0.518176 1.0000% 1998
1.910740 0.523357 1.0000% 1997 1.891822 0.528591 1.0000% 1996
1.873091 0.533877 1.0000% 1995 1.854545 0.539216 0.9992% 1994
1.836198 0.544604 1.0008% 1993 1.818004 0.550054 1.0000% 1992
1.800004 0.555554 0.9295% 1991 1.783427 0.560718 1.2505% 1990
1.761400 0.567730 0.7224% 1989 1.748766 0.571832 1.1077% 1988
1.729608 0.578166 0.8834% 1987 1.714463 0.583273 0.5594% 1986
1.704926 0.586536 1.3056% 1985 1.682953 0.594194 0.7673% 1984
1.670138 0.598753 0.8149% 1983 1.656638 0.603632 0.9737% 1982
1.640662 0.609510 0.9508% 1981 1.625209 0.615305 0.9031% 1980
1.610664 0.620862 2.2701% 1979 1.574912 0.634956 1.0042% 1978
1.559254 0.641332 0.9896% 1977 1.543975 0.647679 0.9103% 1976
1.530047 0.653575 0.8394% 1975 1.517310 0.659061 0.9042% 1974
1.503713 0.665020 1.1568% 1973 1.486518 0.672713 0.9427% 1972
1.472635 0.679055 0.7426% 1971 1.461779 0.684098 1.4697% 1970
1.440606 0.694152 0.6968% 1969 1.430637 0.698989 0.8565% 1968
1.418487 0.704976 1.5090% 1967 1.397400 0.715615 0.9949% 1966
1.383634 0.722734 1.0575% 1965 1.369156 0.730377 1.1300% 1964
1.353857 0.738630 1.5537% 1963 1.333145 0.750106 1.4658% 1962

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.313885 | 0.761101 | 1.5364% | 1961 | 1.294004 | 0.772795 | 2.1586% | 1960 |
| 1.266661 | 0.789477 | -1.6655% | 1959 | 1.288115 | 0.776328 | 4.3080% | 1958 |
| 1.234915 | 0.809773 | 2.1130% | 1957 | 1.209361 | 0.826883 | 1.9895% | 1956 |
| 1.185770 | 0.843334 | 2.1231% | 1955 | 1.161119 | 0.861238 | 1.4496% | 1954 |
| 1.144527 | 0.873723 | 2.1573% | 1953 | 1.120359 | 0.892571 | 1.2298% | 1952 |
| 1.106748 | 0.903548 | 1.6814% | 1951 | 1.088447 | 0.918740 | 1.6233% | 1950 |
| 1.071061 | 0.933654 | 1.4265% | 1949 | 1.055997 | 0.946972 | 1.7790% | 1948 |
| 1.037539 | 0.963820 | 1.8242% | 1947 | 1.018951 | 0.981401 | -2.6320% | 1946 |
| 1.046495 | 0.955570 | 3.1768% | 1945 | 1.014274 | 0.985927 | 6.4754% | 1944 |
| 0.952590 | 1.049770 | -0.3437% | 1943 | 0.955875 | 1.046162 | 0.6562% | 1942 |
| 0.949643 | 1.053027 | 0.6633% | 1941 | 0.943386 | 1.060012 | -5.6614% | 1940 |
| 1.000000 | 1.000000 | 8.0381% | 1939 | 0.925599 | 1.080381 | 0.8126% | 1938 |
| 0.918138 | 1.089161 | 0.7762% | 1937 | 0.911066 | 1.097615 | 0.6029% | 1936 |
| 0.905606 | 1.104232 | 0.5244% | 1935 | 0.900882 | 1.110023 | -3.0364% | 1934 |
| 0.929093 | 1.076319 | 4.6271% | 1933 | 0.888004 | 1.126121 | 1.3921% | 1932 |
| 0.875812 | 1.141798 | -0.2051% | 1931 | 0.877611 | 1.139456 | 0.8886% | 1930 |
| 0.869882 | 1.149582 | 1.0126% | 1929 | 0.861162 | 1.161222 | 1.1526% | 1928 |
| 0.851349 | 1.174606 | 1.2160% | 1927 | 0.841121 | 1.188889 | 1.4086% | 1926 |
| 0.829438 | 1.205636 | 1.7667% | 1925 | 0.815039 | 1.226936 | 1.4465% | 1924 |
| 0.803417 | 1.244683 | 1.7700% | 1923 | 0.789444 | 1.266714 | 1.6165% | 1922 |
| 0.776886 | 1.287191 | 1.3736% | 1921 | 0.766359 | 1.304872 | 2.3393% | 1920 |
| 0.748841 | 1.335397 | 1.3140% | 1919 | 0.739129 | 1.352944 | 0.7676% | 1918 |
| 0.733498 | 1.363330 | 0.3870% | 1917 | 0.730670 | 1.368606 | 1.3274% | 1916 |
| 0.721098 | 1.386773 | 1.4083% | 1915 | 0.711084 | 1.406303 | 1.4458% | 1914 |
| 0.700950 | 1.426636 | 1.9424% | 1913 | 0.687594 | 1.454346 | 1.9857% | 1912 |
| 0.674207 | 1.483225 | 1.5634% | 1911 | 0.663828 | 1.506414 | 1.8169% | 1910 |
| 0.651982 | 1.533784 | 1.8781% | 1909 | 0.639963 | 1.562589 | 2.0082% | 1908 |
| 0.627364 | 1.593970 | 1.9603% | 1907 | 0.615303 | 1.625216 | 1.8264% | 1906 |
| 0.604267 | 1.654898 | 1.9357% | 1905 | 0.592792 | 1.686931 | 2.0148% | 1904 |
| 0.581084 | 1.720920 | 2.1335% | 1903 | 0.568946 | 1.757637 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.558803 | 1.789540 | 1.8943% | 1901 | 0.548414 | 1.823440 | 3.0255% | 1900 |
| 0.532309 | 1.878609 | 0.6278% | 1899 | 0.528988 | 1.890403 | 1.7757% | 1898 |
| 0.519759 | 1.923970 | 1.8078% | 1897 | 0.510529 | 1.958751 | 1.8396% | 1896 |
| 0.501307 | 1.994784 | 1.8755% | 1895 | 0.492078 | 2.032197 | 1.9114% | 1894 |
| 0.482849 | 2.071040 | 1.9486% | 1893 | 0.473620 | 2.111397 | 1.9858% | 1892 |
| 0.464398 | 2.153326 | 2.0276% | 1891 | 0.455169 | 2.196987 | 2.6465% | 1890 |
| 0.443433 | 2.255131 | 1.5328% | 1889 | 0.436739 | 2.289698 | 2.0811% | 1888 |
| 0.427835 | 2.337349 | 2.1599% | 1887 | 0.418790 | 2.387832 | 2.2075% | 1886 |
| 0.409745 | 2.440545 | 2.2592% | 1885 | 0.400692 | 2.495681 | 2.3095% | 1884 |
| 0.391647 | 2.553319 | 2.3641% | 1883 | 0.382602 | 2.613683 | 2.4214% | 1882 |
| 0.373557 | 2.676971 | 2.4815% | 1881 | 0.364511 | 2.743399 | 3.7644% | 1880 |
| 0.351287 | 2.846671 | 0.9432% | 1879 | 0.348005 | 2.873522 | 2.1464% | 1878 |
| 0.340692 | 2.935199 | 2.1913% | 1877 | 0.333387 | 2.999518 | 2.2426% | 1876 |
| 0.326074 | 3.066785 | 2.2941% | 1875 | 0.318762 | 3.137139 | 2.3456% | 1874 |
| 0.311456 | 3.210724 | 2.4043% | 1873 | 0.304144 | 3.287920 | 2.4635% | 1872 |
| 0.296831 | 3.368919 | 2.5258% | 1871 | 0.289519 | 3.454010 | 5.9947% | 1870 |
| 0.273144 | 3.661067 | -1.0968% | 1869 | 0.276173 | 3.620913 | 2.1930% | 1868 |
| 0.270247 | 3.700319 | 2.2394% | 1867 | 0.264328 | 3.783184 | 2.2935% | 1866 |
| 0.258401 | 3.869951 | 2.3445% | 1865 | 0.252482 | 3.960681 | 2.4037% | 1864 |
| 0.246555 | 4.055884 | 2.4599% | 1863 | 0.240636 | 4.155654 | 2.5250% | 1862 |
| 0.234710 | 4.260584 | 2.5872% | 1861 | 0.228790 | 4.370816 | 2.9504% | 1860 |
| 0.222233 | 4.499773 | 2.4012% | 1859 | 0.217022 | 4.607823 | 2.7627% | 1858 |
| 0.211188 | 4.735124 | 2.8412% | 1857 | 0.205353 | 4.869659 | 2.9243% | 1856 |
| 0.199519 | 5.012061 | 3.0161% | 1855 | 0.193677 | 5.163232 | 3.1061% | 1854 |
| 0.187843 | 5.323605 | 3.2056% | 1853 | 0.182008 | 5.494260 | 3.3118% | 1852 |
| 0.176174 | 5.676218 | 3.4252% | 1851 | 0.170339 | 5.870642 | 4.0106% | 1850 |
| 0.163771 | 6.106090 | 2.3254% | 1849 | 0.160049 | 6.248079 | 2.7841% | 1848 |
| 0.155714 | 6.422031 | 2.8590% | 1847 | 0.151386 | 6.605637 | 2.9432% | 1846 |
| 0.147058 | 6.800052 | 3.0324% | 1845 | 0.142730 | 7.006257 | 3.1325% | 1844 |
| 0.138394 | 7.225728 | 3.2284% | 1843 | 0.134066 | 7.459001 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.129738 | 7.707837 | 3.4512% | 1841 | 0.125410 | 7.973850 | 3.8105% | 1840 |
| 0.120807 | 8.277692 | 2.3861% | 1839 | 0.117991 | 8.475202 | 2.5824% | 1838 |
| 0.115021 | 8.694065 | 2.6573% | 1837 | 0.112044 | 8.925095 | 2.7232% | 1836 |
| 0.109073 | 9.168143 | 2.7994% | 1835 | 0.106103 | 9.424800 | 2.8871% | 1834 |
| 0.103126 | 9.696905 | 2.9657% | 1833 | 0.100155 | 9.984485 | 3.0563% | 1832 |
| 0.097185 | 10.289643 | 3.1604% | 1831 | 0.094208 | 10.614839 | 3.4660% | 1830 |
| 0.091052 | 10.982746 | 2.4653% | 1829 | 0.088861 | 11.253504 | 2.6804% | 1828 |
| 0.086542 | 11.555142 | 10.3427% | 1827 | 0.078430 | 12.750250 | -4.2314% | 1826 |
| 0.081895 | 12.210732 | 2.9150% | 1825 | 0.079576 | 12.566679 | 3.0026% | 1824 |
| 0.077256 | 12.944002 | 3.0955% | 1823 | 0.074936 | 13.344684 | 3.1944% | 1822 |
| 0.072617 | 13.770966 | 3.3102% | 1821 | 0.070290 | 14.226811 | 3.2277% | 1820 |
| 0.068092 | 14.686015 | 2.6573% | 1819 | 0.066329 | 15.076263 | 2.6261% | 1818 |
| 0.064632 | 15.472182 | 2.6969% | 1817 | 0.062935 | 15.889457 | 2.7717% | 1816 |
| 0.061238 | 16.329862 | 2.8507% | 1815 | 0.059540 | 16.795376 | 2.9343% | 1814 |
| 0.057843 | 17.288211 | 3.0231% | 1813 | 0.056146 | 17.810842 | 3.1039% | 1812 |
| 0.054455 | 18.363672 | 3.2172% | 1811 | 0.052758 | 18.954460 | 3.0969% | 1810 |
| 0.051173 | 19.541464 | 2.9144% | 1809 | 0.049724 | 20.110976 | 2.8225% | 1808 |
| 0.048359 | 20.678601 | 2.9199% | 1807 | 0.046987 | 21.282401 | 2.9918% | 1806 |
| 0.045622 | 21.919125 | 3.0841% | 1805 | 0.044257 | 22.595122 | 3.1822% | 1804 |
| 0.042892 | 23.314142 | 3.2868% | 1803 | 0.041528 | 24.080428 | 3.3985% | 1802 |
| 0.040163 | 24.898798 | 3.5180% | 1801 | 0.038798 | 25.774749 | 3.3999% | 1800 |
| 0.037522 | 26.651077 | 2.8419% | 1799 | 0.036485 | 27.408466 | 2.7485% | 1798 |
| 0.035509 | 28.161775 | 2.8261% | 1797 | 0.034533 | 28.957664 | 3.7832% | 1796 |
| 0.033274 | 30.053193 | 2.1272% | 1795 | 0.032581 | 30.692484 | 3.0879% | 1794 |
| 0.031605 | 31.640249 | 3.1625% | 1793 | 0.030636 | 32.640876 | 3.2904% | 1792 |
| 0.029660 | 33.714896 | 3.4024% | 1791 | 0.028685 | 34.862000 | 3.2296% | 1790 |
| 0.027787 | 35.987891 | 41.3145% | 1780 | 0.019663 | 50.856090 | 29.4353% | 1770 |
| 0.015192 | 65.825741 | 83.4728% | 1750 | 0.008280 | 120.772356 | 29.2845% | 1740 |
| 0.006405 | 156.139879 | 94.2514% | 1720 | 0.003297 | 303.303891 | 85.8111% | |

1700 0.001774 563.572236 19.2490% 1690 0.001488 672.054534
88.0250% 1670 0.000791 1263.630688

BASE YEAR: 1939

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 2.303105 | 0.434196 | 8.2857% | 2001 | 2.126879 | 0.470173 | 1.0000% |
| 2000 | 2.105820 | 0.474874 | 1.0000% | 1999 | 2.084971 | 0.479623 | 1.0000% |
| 1998 | 2.064327 | 0.484419 | 1.0000% | 1997 | 2.043889 | 0.489263 | 1.0000% |
| 1996 | 2.023652 | 0.494156 | 1.0000% | 1995 | 2.003616 | 0.499098 | 0.9992% |
| 1994 | 1.983793 | 0.504085 | 1.0008% | 1993 | 1.964137 | 0.509130 | 1.0000% |
| 1992 | 1.944690 | 0.514221 | 0.9295% | 1991 | 1.926780 | 0.519001 | 1.2505% |
| 1990 | 1.902983 | 0.525491 | 0.7224% | 1989 | 1.889334 | 0.529287 | 1.1077% |
| 1988 | 1.868635 | 0.535150 | 0.8834% | 1987 | 1.852273 | 0.539877 | 0.5594% |
| 1986 | 1.841970 | 0.542897 | 1.3056% | 1985 | 1.818230 | 0.549985 | 0.7673% |
| 1984 | 1.804386 | 0.554205 | 0.8149% | 1983 | 1.789800 | 0.558722 | 0.9737% |
| 1982 | 1.772540 | 0.564162 | 0.9508% | 1981 | 1.755845 | 0.569526 | 0.9031% |
| 1980 | 1.740131 | 0.574670 | 2.2701% | 1979 | 1.701505 | 0.587715 | 1.0042% |
| 1978 | 1.684589 | 0.593617 | 0.9896% | 1977 | 1.668081 | 0.599491 | 0.9103% |
| 1976 | 1.653033 | 0.604948 | 0.8394% | 1975 | 1.639273 | 0.610027 | 0.9042% |
| 1974 | 1.624584 | 0.615542 | 1.1568% | 1973 | 1.606006 | 0.622663 | 0.9427% |
| 1972 | 1.591007 | 0.628533 | 0.7426% | 1971 | 1.579279 | 0.633200 | 1.4697% |
| 1970 | 1.556404 | 0.642507 | 0.6968% | 1969 | 1.545633 | 0.646984 | 0.8565% |
| 1968 | 1.532507 | 0.652526 | 1.5090% | 1967 | 1.509725 | 0.662372 | 0.9949% |
| 1966 | 1.494852 | 0.668962 | 1.0575% | 1965 | 1.479210 | 0.676037 | 1.1300% |
| 1964 | 1.462681 | 0.683676 | 1.5537% | 1963 | 1.440304 | 0.694298 | 1.4658% |
| 1962 | 1.419497 | 0.704475 | 1.5364% | 1961 | 1.398017 | 0.715299 | 2.1586% |
| 1960 | 1.368477 | 0.730739 | -1.6655% | 1959 | 1.391655 | 0.718569 | 4.3080% |
| 1958 | 1.334178 | 0.749525 | 2.1130% | 1957 | 1.306571 | 0.765362 | 1.9895% |
| 1956 | 1.281084 | 0.780589 | 2.1231% | 1955 | 1.254451 | 0.797162 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.236526 | 0.808717 | 2.1573% | 1953 | 1.210414 | 0.826164 | 1.2298% | 1952 |
| 1.195710 | 0.836323 | 1.6814% | 1951 | 1.175938 | 0.850385 | 1.6233% | 1950 |
| 1.157154 | 0.864189 | 1.4265% | 1949 | 1.140879 | 0.876517 | 1.7790% | 1948 |
| 1.120937 | 0.892111 | 1.8242% | 1947 | 1.100856 | 0.908384 | -2.6320% | 1946 |
| 1.130614 | 0.884475 | 3.1768% | 1945 | 1.095802 | 0.912573 | 6.4754% | 1944 |
| 1.029160 | 0.971666 | -0.3437% | 1943 | 1.032709 | 0.968327 | 0.6562% | 1942 |
| 1.025977 | 0.974681 | 0.6633% | 1941 | 1.019216 | 0.981146 | -5.6614% | 1940 |
| 1.080381 | 0.925599 | 8.0381% | 1939 | 1.000000 | 1.000000 | 0.8126% | 1938 |
| 0.991939 | 1.008126 | 0.7762% | 1937 | 0.984299 | 1.015952 | 0.6029% | 1936 |
| 0.978400 | 1.022077 | 0.5244% | 1935 | 0.973296 | 1.027437 | -3.0364% | 1934 |
| 1.003774 | 0.996240 | 4.6271% | 1933 | 0.959383 | 1.042337 | 1.3921% | 1932 |
| 0.946210 | 1.056848 | -0.2051% | 1931 | 0.948155 | 1.054680 | 0.8886% | 1930 |
| 0.939804 | 1.064052 | 1.0126% | 1929 | 0.930383 | 1.074826 | 1.1526% | 1928 |
| 0.919781 | 1.087215 | 1.2160% | 1927 | 0.908731 | 1.100435 | 1.4086% | 1926 |
| 0.896109 | 1.115936 | 1.7667% | 1925 | 0.880552 | 1.135651 | 1.4465% | 1924 |
| 0.867997 | 1.152078 | 1.7700% | 1923 | 0.852901 | 1.172470 | 1.6165% | 1922 |
| 0.839333 | 1.191423 | 1.3736% | 1921 | 0.827959 | 1.207789 | 2.3393% | 1920 |
| 0.809034 | 1.236043 | 1.3140% | 1919 | 0.798541 | 1.252284 | 0.7676% | 1918 |
| 0.792457 | 1.261897 | 0.3870% | 1917 | 0.789403 | 1.266781 | 1.3274% | 1916 |
| 0.779061 | 1.283597 | 1.4083% | 1915 | 0.768242 | 1.301673 | 1.4458% | 1914 |
| 0.757293 | 1.320493 | 1.9424% | 1913 | 0.742864 | 1.346142 | 1.9857% | 1912 |
| 0.728400 | 1.372872 | 1.5634% | 1911 | 0.717187 | 1.394336 | 1.8169% | 1910 |
| 0.704389 | 1.419669 | 1.8781% | 1909 | 0.691404 | 1.446332 | 2.0082% | 1908 |
| 0.677793 | 1.475377 | 1.9603% | 1907 | 0.664762 | 1.504299 | 1.8264% | 1906 |
| 0.652838 | 1.531772 | 1.9357% | 1905 | 0.640442 | 1.561423 | 2.0148% | 1904 |
| 0.627793 | 1.592883 | 2.1335% | 1903 | 0.614678 | 1.626867 | 1.8151% | 1902 |
| 0.603720 | 1.656397 | 1.8943% | 1901 | 0.592496 | 1.687775 | 3.0255% | 1900 |
| 0.575096 | 1.738839 | 0.6278% | 1899 | 0.571508 | 1.749756 | 1.7757% | 1898 |
| 0.561537 | 1.780826 | 1.8078% | 1897 | 0.551566 | 1.813019 | 1.8396% | 1896 |
| 0.541603 | 1.846371 | 1.8755% | 1895 | 0.531632 | 1.881000 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.521661 | 1.916953 | 1.9486% | 1893 | 0.511690 | 1.954308 | 1.9858% | 1892 |
| 0.501727 | 1.993117 | 2.0276% | 1891 | 0.491756 | 2.033530 | 2.6465% | 1890 |
| 0.479077 | 2.087347 | 1.5328% | 1889 | 0.471844 | 2.119343 | 2.0811% | 1888 |
| 0.462225 | 2.163449 | 2.1599% | 1887 | 0.452453 | 2.210176 | 2.2075% | 1886 |
| 0.442680 | 2.258966 | 2.2592% | 1885 | 0.432900 | 2.310000 | 2.3095% | 1884 |
| 0.423128 | 2.363351 | 2.3641% | 1883 | 0.413356 | 2.419224 | 2.4214% | 1882 |
| 0.403583 | 2.477802 | 2.4815% | 1881 | 0.393811 | 2.539288 | 3.7644% | 1880 |
| 0.379524 | 2.634877 | 0.9432% | 1879 | 0.375978 | 2.659730 | 2.1464% | 1878 |
| 0.368078 | 2.716818 | 2.1913% | 1877 | 0.360185 | 2.776352 | 2.2426% | 1876 |
| 0.352285 | 2.838615 | 2.2941% | 1875 | 0.344384 | 2.903734 | 2.3456% | 1874 |
| 0.336491 | 2.971844 | 2.4043% | 1873 | 0.328591 | 3.043296 | 2.4635% | 1872 |
| 0.320691 | 3.118269 | 2.5258% | 1871 | 0.312790 | 3.197030 | 5.9947% | 1870 |
| 0.295100 | 3.388681 | -1.0968% | 1869 | 0.298373 | 3.351515 | 2.1930% | 1868 |
| 0.291970 | 3.425012 | 2.2394% | 1867 | 0.285575 | 3.501712 | 2.2935% | 1866 |
| 0.279172 | 3.582024 | 2.3445% | 1865 | 0.272777 | 3.666004 | 2.4037% | 1864 |
| 0.266374 | 3.754123 | 2.4599% | 1863 | 0.259979 | 3.846470 | 2.5250% | 1862 |
| 0.253576 | 3.943594 | 2.5872% | 1861 | 0.247181 | 4.045625 | 2.9504% | 1860 |
| 0.240097 | 4.164987 | 2.4012% | 1859 | 0.234467 | 4.264998 | 2.7627% | 1858 |
| 0.228163 | 4.382828 | 2.8412% | 1857 | 0.221860 | 4.507353 | 2.9243% | 1856 |
| 0.215556 | 4.639161 | 3.0161% | 1855 | 0.209245 | 4.779084 | 3.1061% | 1854 |
| 0.202942 | 4.927525 | 3.2056% | 1853 | 0.196638 | 5.085483 | 3.3118% | 1852 |
| 0.190335 | 5.253904 | 3.4252% | 1851 | 0.184031 | 5.433862 | 4.0106% | 1850 |
| 0.176935 | 5.651793 | 2.3254% | 1849 | 0.172914 | 5.783218 | 2.7841% | 1848 |
| 0.168230 | 5.944227 | 2.8590% | 1847 | 0.163554 | 6.114174 | 2.9432% | 1846 |
| 0.158878 | 6.294123 | 3.0324% | 1845 | 0.154202 | 6.484987 | 3.1325% | 1844 |
| 0.149519 | 6.688129 | 3.2284% | 1843 | 0.144843 | 6.904046 | 3.3361% | 1842 |
| 0.140167 | 7.134369 | 3.4512% | 1841 | 0.135491 | 7.380590 | 3.8105% | 1840 |
| 0.130517 | 7.661826 | 2.3861% | 1839 | 0.127476 | 7.844642 | 2.5824% | 1838 |
| 0.124267 | 8.047221 | 2.6573% | 1837 | 0.121050 | 8.261062 | 2.7232% | 1836 |
| 0.117841 | 8.486027 | 2.7994% | 1835 | 0.114632 | 8.723589 | 2.8871% | 1834 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.111415 | 8.975449 | 2.9657% | 1833 | 0.108206 | 9.241633 | 3.0563% | 1832 |
| 0.104997 | 9.524087 | 3.1604% | 1831 | 0.101780 | 9.825088 | 3.4660% | 1830 |
| 0.098371 | 10.165622 | 2.4653% | 1829 | 0.096004 | 10.416236 | 2.6804% | 1828 |
| 0.093498 | 10.695432 | 10.3427% | 1827 | 0.084734 | 11.801623 | -4.2314% | 1826 |
| 0.088478 | 11.302245 | 2.9150% | 1825 | 0.085972 | 11.631710 | 3.0026% | 1824 |
| 0.083466 | 11.980959 | 3.0955% | 1823 | 0.080960 | 12.351831 | 3.1944% | 1822 |
| 0.078454 | 12.746397 | 3.3102% | 1821 | 0.075940 | 13.168327 | 3.2277% | 1820 |
| 0.073565 | 13.593366 | 2.6573% | 1819 | 0.071661 | 13.954579 | 2.6261% | 1818 |
| 0.069827 | 14.321042 | 2.6969% | 1817 | 0.067994 | 14.707270 | 2.7717% | 1816 |
| 0.066160 | 15.114909 | 2.8507% | 1815 | 0.064326 | 15.545789 | 2.9343% | 1814 |
| 0.062492 | 16.001956 | 3.0231% | 1813 | 0.060659 | 16.485703 | 3.1039% | 1812 |
| 0.058833 | 16.997403 | 3.2172% | 1811 | 0.056999 | 17.544236 | 3.0969% | 1810 |
| 0.055287 | 18.087566 | 2.9144% | 1809 | 0.053721 | 18.614706 | 2.8225% | 1808 |
| 0.052246 | 19.140099 | 2.9199% | 1807 | 0.050764 | 19.698977 | 2.9918% | 1806 |
| 0.049289 | 20.288327 | 3.0841% | 1805 | 0.047815 | 20.914030 | 3.1822% | 1804 |
| 0.046340 | 21.579555 | 3.2868% | 1803 | 0.044866 | 22.288828 | 3.3985% | 1802 |
| 0.043391 | 23.046311 | 3.5180% | 1801 | 0.041916 | 23.857091 | 3.3999% | 1800 |
| 0.040538 | 24.668219 | 2.8419% | 1799 | 0.039418 | 25.369258 | 2.7485% | 1798 |
| 0.038363 | 26.066521 | 2.8261% | 1797 | 0.037309 | 26.803195 | 3.7832% | 1796 |
| 0.035949 | 27.817216 | 2.1272% | 1795 | 0.035200 | 28.408943 | 3.0879% | 1794 |
| 0.034146 | 29.286194 | 3.1625% | 1793 | 0.033099 | 30.212373 | 3.2904% | 1792 |
| 0.032045 | 31.206485 | 3.4024% | 1791 | 0.030990 | 32.268245 | 3.2296% | 1790 |
| 0.030021 | 33.310368 | 41.3145% | 1780 | 0.021244 | 47.072364 | 29.4353% | 1770 |
| 0.016413 | 60.928262 | 83.4728% | 1750 | 0.008946 | 111.786812 | 29.2845% | 1740 |
| 0.006919 | 144.522968 | 94.2514% | 1720 | 0.003562 | 280.737881 | 85.8111% | 1700 |
| 0.001917 | 521.642088 | 19.2490% | 1690 | 0.001608 | 622.053232 | 88.0250% | 1670 |
| 0.000855 | 1169.615728 | | | | | | |

BASE YEAR: 1938

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.321821 | 0.430697 | 8.2857% | 2001 | 2.144163 | 0.466383 | 1.0000% |
| 2000 | 2.122933 | 0.471046 | 1.0000% | 1999 | 2.101914 | 0.475757 | 1.0000% |
| 1998 | 2.081103 | 0.480514 | 1.0000% | 1997 | 2.060498 | 0.485320 | 1.0000% |
| 1996 | 2.040097 | 0.490173 | 1.0000% | 1995 | 2.019898 | 0.495075 | 0.9992% |
| 1994 | 1.999914 | 0.500021 | 1.0008% | 1993 | 1.980098 | 0.505026 | 1.0000% |
| 1992 | 1.960493 | 0.510076 | 0.9295% | 1991 | 1.942438 | 0.514817 | 1.2505% |
| 1990 | 1.918447 | 0.521255 | 0.7224% | 1989 | 1.904687 | 0.525021 | 1.1077% |
| 1988 | 1.883821 | 0.530836 | 0.8834% | 1987 | 1.867325 | 0.535525 | 0.5594% |
| 1986 | 1.856938 | 0.538521 | 1.3056% | 1985 | 1.833006 | 0.545552 | 0.7673% |
| 1984 | 1.819049 | 0.549738 | 0.8149% | 1983 | 1.804344 | 0.554218 | 0.9737% |
| 1982 | 1.786944 | 0.559615 | 0.9508% | 1981 | 1.770114 | 0.564935 | 0.9031% |
| 1980 | 1.754271 | 0.570037 | 2.2701% | 1979 | 1.715332 | 0.582977 | 1.0042% |
| 1978 | 1.698278 | 0.588832 | 0.9896% | 1977 | 1.681637 | 0.594659 | 0.9103% |
| 1976 | 1.666466 | 0.600072 | 0.8394% | 1975 | 1.652594 | 0.605109 | 0.9042% |
| 1974 | 1.637785 | 0.610581 | 1.1568% | 1973 | 1.619056 | 0.617644 | 0.9427% |
| 1972 | 1.603936 | 0.623466 | 0.7426% | 1971 | 1.592112 | 0.628096 | 1.4697% |
| 1970 | 1.569052 | 0.637328 | 0.6968% | 1969 | 1.558194 | 0.641769 | 0.8565% |
| 1968 | 1.544961 | 0.647266 | 1.5090% | 1967 | 1.521993 | 0.657033 | 0.9949% |
| 1966 | 1.507000 | 0.663570 | 1.0575% | 1965 | 1.491231 | 0.670587 | 1.1300% |
| 1964 | 1.474568 | 0.678165 | 1.5537% | 1963 | 1.452008 | 0.688701 | 1.4658% |
| 1962 | 1.431032 | 0.698796 | 1.5364% | 1961 | 1.409378 | 0.709533 | 2.1586% |
| 1960 | 1.379597 | 0.724849 | -1.6655% | 1959 | 1.402964 | 0.712777 | 4.3080% |
| 1958 | 1.345020 | 0.743483 | 2.1130% | 1957 | 1.317189 | 0.759193 | 1.9895% |
| 1956 | 1.291494 | 0.774297 | 2.1231% | 1955 | 1.264645 | 0.790736 | 1.4496% |
| 1954 | 1.246574 | 0.802199 | 2.1573% | 1953 | 1.220250 | 0.819504 | 1.2298% |
| 1952 | 1.205427 | 0.829582 | 1.6814% | 1951 | 1.185494 | 0.843530 | 1.6233% |
| 1950 | 1.166558 | 0.857223 | 1.4265% | 1949 | 1.150150 | 0.869452 | 1.7790% |
| 1948 | 1.130046 | 0.884920 | 1.8242% | 1947 | 1.109802 | 0.901062 | -2.6320% |
| 1946 | 1.139802 | 0.877346 | 3.1768% | 1945 | 1.104707 | 0.905217 | 6.4754% |
| 1944 | 1.037523 | 0.963834 | -0.3437% | 1943 | 1.041101 | 0.960521 | 0.6562% |
| 1942 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.034314 | 0.966824 | 0.6633% | 1941 | 1.027499 | 0.973237 | -5.6614% | 1940 |
| 1.089161 | 0.918138 | 8.0381% | 1939 | 1.008126 | 0.991939 | 0.8126% | 1938 |
| 1.000000 | 1.000000 | 0.7762% | 1937 | 0.992297 | 1.007762 | 0.6029% | 1936 |
| 0.986351 | 1.013838 | 0.5244% | 1935 | 0.981205 | 1.019155 | -3.0364% | 1934 |
| 1.011931 | 0.988209 | 4.6271% | 1933 | 0.967179 | 1.033935 | 1.3921% | 1932 |
| 0.953899 | 1.048328 | -0.2051% | 1931 | 0.955860 | 1.046179 | 0.8886% | 1930 |
| 0.947441 | 1.055475 | 1.0126% | 1929 | 0.937943 | 1.066162 | 1.1526% | 1928 |
| 0.927256 | 1.078451 | 1.2160% | 1927 | 0.916116 | 1.091565 | 1.4086% | 1926 |
| 0.903391 | 1.106940 | 1.7667% | 1925 | 0.887708 | 1.126497 | 1.4465% | 1924 |
| 0.875050 | 1.142791 | 1.7700% | 1923 | 0.859832 | 1.163019 | 1.6165% | 1922 |
| 0.846153 | 1.181819 | 1.3736% | 1921 | 0.834688 | 1.198053 | 2.3393% | 1920 |
| 0.815608 | 1.226079 | 1.3140% | 1919 | 0.805030 | 1.242190 | 0.7676% | 1918 |
| 0.798897 | 1.251726 | 0.3870% | 1917 | 0.795817 | 1.256570 | 1.3274% | 1916 |
| 0.785392 | 1.273250 | 1.4083% | 1915 | 0.774485 | 1.291181 | 1.4458% | 1914 |
| 0.763447 | 1.309849 | 1.9424% | 1913 | 0.748900 | 1.335291 | 1.9857% | 1912 |
| 0.734319 | 1.361805 | 1.5634% | 1911 | 0.723016 | 1.383096 | 1.8169% | 1910 |
| 0.710113 | 1.408226 | 1.8781% | 1909 | 0.697023 | 1.434673 | 2.0082% | 1908 |
| 0.683301 | 1.463485 | 1.9603% | 1907 | 0.670164 | 1.492173 | 1.8264% | 1906 |
| 0.658144 | 1.519425 | 1.9357% | 1905 | 0.645646 | 1.548836 | 2.0148% | 1904 |
| 0.632894 | 1.580043 | 2.1335% | 1903 | 0.619673 | 1.613753 | 1.8151% | 1902 |
| 0.608626 | 1.643045 | 1.8943% | 1901 | 0.597311 | 1.674170 | 3.0255% | 1900 |
| 0.579770 | 1.724822 | 0.6278% | 1899 | 0.576153 | 1.735652 | 1.7757% | 1898 |
| 0.566101 | 1.766471 | 1.8078% | 1897 | 0.556049 | 1.798404 | 1.8396% | 1896 |
| 0.546004 | 1.831488 | 1.8755% | 1895 | 0.535952 | 1.865838 | 1.9114% | 1894 |
| 0.525900 | 1.901501 | 1.9486% | 1893 | 0.515848 | 1.938555 | 1.9858% | 1892 |
| 0.505804 | 1.977051 | 2.0276% | 1891 | 0.495752 | 2.017138 | 2.6465% | 1890 |
| 0.482970 | 2.070522 | 1.5328% | 1889 | 0.475679 | 2.102259 | 2.0811% | 1888 |
| 0.465981 | 2.146010 | 2.1599% | 1887 | 0.456129 | 2.192360 | 2.2075% | 1886 |
| 0.446278 | 2.240757 | 2.2592% | 1885 | 0.436418 | 2.291380 | 2.3095% | 1884 |
| 0.426567 | 2.344300 | 2.3641% | 1883 | 0.416715 | 2.399723 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.406863 | 2.457829 | 2.4815% | 1881 | 0.397011 | 2.518820 | 3.7644% | 1880 |
| 0.382608 | 2.613638 | 0.9432% | 1879 | 0.379033 | 2.638291 | 2.1464% | 1878 |
| 0.371069 | 2.694918 | 2.1913% | 1877 | 0.363112 | 2.753972 | 2.2426% | 1876 |
| 0.355147 | 2.815733 | 2.2941% | 1875 | 0.347183 | 2.880327 | 2.3456% | 1874 |
| 0.339226 | 2.947888 | 2.4043% | 1873 | 0.331261 | 3.018765 | 2.4635% | 1872 |
| 0.323297 | 3.093134 | 2.5258% | 1871 | 0.315332 | 3.171259 | 5.9947% | 1870 |
| 0.297498 | 3.361366 | -1.0968% | 1869 | 0.300797 | 3.324499 | 2.1930% | 1868 |
| 0.294342 | 3.397404 | 2.2394% | 1867 | 0.287895 | 3.473486 | 2.2935% | 1866 |
| 0.281440 | 3.553150 | 2.3445% | 1865 | 0.274993 | 3.636453 | 2.4037% | 1864 |
| 0.268538 | 3.723862 | 2.4599% | 1863 | 0.262091 | 3.815465 | 2.5250% | 1862 |
| 0.255636 | 3.911805 | 2.5872% | 1861 | 0.249189 | 4.013014 | 2.9504% | 1860 |
| 0.242048 | 4.131414 | 2.4012% | 1859 | 0.236372 | 4.230619 | 2.7627% | 1858 |
| 0.230017 | 4.347498 | 2.8412% | 1857 | 0.223663 | 4.471020 | 2.9243% | 1856 |
| 0.217308 | 4.601765 | 3.0161% | 1855 | 0.210946 | 4.740561 | 3.1061% | 1854 |
| 0.204591 | 4.887805 | 3.2056% | 1853 | 0.198236 | 5.044490 | 3.3118% | 1852 |
| 0.191881 | 5.211553 | 3.4252% | 1851 | 0.185527 | 5.390061 | 4.0106% | 1850 |
| 0.178373 | 5.606235 | 2.3254% | 1849 | 0.174319 | 5.736600 | 2.7841% | 1848 |
| 0.169598 | 5.896312 | 2.8590% | 1847 | 0.164883 | 6.064888 | 2.9432% | 1846 |
| 0.160169 | 6.243388 | 3.0324% | 1845 | 0.155455 | 6.432712 | 3.1325% | 1844 |
| 0.150734 | 6.634217 | 3.2284% | 1843 | 0.146020 | 6.848394 | 3.3361% | 1842 |
| 0.141306 | 7.076860 | 3.4512% | 1841 | 0.136592 | 7.321096 | 3.8105% | 1840 |
| 0.131578 | 7.600066 | 2.3861% | 1839 | 0.128511 | 7.781407 | 2.5824% | 1838 |
| 0.125276 | 7.982354 | 2.6573% | 1837 | 0.122034 | 8.194471 | 2.7232% | 1836 |
| 0.118798 | 8.417623 | 2.7994% | 1835 | 0.115563 | 8.653269 | 2.8871% | 1834 |
| 0.112320 | 8.903100 | 2.9657% | 1833 | 0.109085 | 9.167137 | 3.0563% | 1832 |
| 0.105850 | 9.447315 | 3.1604% | 1831 | 0.102607 | 9.745890 | 3.4660% | 1830 |
| 0.099170 | 10.083679 | 2.4653% | 1829 | 0.096784 | 10.332272 | 2.6804% | 1828 |
| 0.094258 | 10.609218 | 10.3427% | 1827 | 0.085423 | 11.706492 | -4.2314% | 1826 |
| 0.089197 | 11.211140 | 2.9150% | 1825 | 0.086671 | 11.537949 | 3.0026% | 1824 |
| 0.084144 | 11.884383 | 3.0955% | 1823 | 0.081618 | 12.252265 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.079091 | 12.643650 | 3.3102% | 1821 | 0.076557 | 13.062179 | 3.2277% | 1820 |
| 0.074163 | 13.483792 | 2.6573% | 1819 | 0.072243 | 13.842094 | 2.6261% | 1818 |
| 0.070395 | 14.205602 | 2.6969% | 1817 | 0.068546 | 14.588718 | 2.7717% | 1816 |
| 0.066697 | 14.993071 | 2.8507% | 1815 | 0.064849 | 15.420477 | 2.9343% | 1814 |
| 0.063000 | 15.872967 | 3.0231% | 1813 | 0.061152 | 16.352815 | 3.1039% | 1812 |
| 0.059311 | 16.860390 | 3.2172% | 1811 | 0.057462 | 17.402815 | 3.0969% | 1810 |
| 0.055736 | 17.941765 | 2.9144% | 1809 | 0.054158 | 18.464657 | 2.8225% | 1808 |
| 0.052671 | 18.985815 | 2.9199% | 1807 | 0.051177 | 19.540187 | 2.9918% | 1806 |
| 0.049690 | 20.124787 | 3.0841% | 1805 | 0.048203 | 20.745446 | 3.1822% | 1804 |
| 0.046717 | 21.405606 | 3.2868% | 1803 | 0.045230 | 22.109162 | 3.3985% | 1802 |
| 0.043744 | 22.860539 | 3.5180% | 1801 | 0.042257 | 23.664783 | 3.3999% | 1800 |
| 0.040867 | 24.469373 | 2.8419% | 1799 | 0.039738 | 25.164761 | 2.7485% | 1798 |
| 0.038675 | 25.856403 | 2.8261% | 1797 | 0.037612 | 26.587139 | 3.7832% | 1796 |
| 0.036241 | 27.592986 | 2.1272% | 1795 | 0.035486 | 28.179944 | 3.0879% | 1794 |
| 0.034423 | 29.050123 | 3.1625% | 1793 | 0.033368 | 29.968837 | 3.2904% | 1792 |
| 0.032305 | 30.954936 | 3.4024% | 1791 | 0.031242 | 32.008136 | 3.2296% | 1790 |
| 0.030265 | 33.041859 | 41.3145% | 1780 | 0.021417 | 46.692922 | 29.4353% | 1770 |
| 0.016546 | 60.437130 | 83.4728% | 1750 | 0.009018 | 110.885719 | 29.2845% | 1740 |
| 0.006976 | 143.357995 | 94.2514% | 1720 | 0.003591 | 278.474903 | 85.8111% | 1700 |
| 0.001933 | 517.437226 | 19.2490% | 1690 | 0.001621 | 617.038973 | 88.0250% | 1670 |
| 0.000862 | 1160.187668 | | | | | | |

BASE YEAR: 1937

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.339844 | 0.427379 | 8.2857% | 2001 | 2.160807 | 0.462790 | 1.0000% |
| 2000 | 2.139412 | 0.467418 | 1.0000% | 1999 | 2.118230 | 0.472092 | 1.0000% |
| 1998 | 2.097257 | 0.476813 | 1.0000% | 1997 | 2.076492 | 0.481581 | 1.0000% |
| 1996 | 2.055933 | 0.486397 | 1.0000% | 1995 | 2.035577 | 0.491261 | 0.9992% |
| 1994 | 2.015439 | 0.496170 | 1.0008% | 1993 | 1.995468 | 0.501135 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.975711 | 0.506147 | 0.9295% | 1991 | 1.957516 | 0.510852 | 1.2505% | 1990 |
| 1.933339 | 0.517240 | 0.7224% | 1989 | 1.919472 | 0.520977 | 1.1077% | 1988 |
| 1.898444 | 0.526747 | 0.8834% | 1987 | 1.881820 | 0.531400 | 0.5594% | 1986 |
| 1.871353 | 0.534373 | 1.3056% | 1985 | 1.847235 | 0.541350 | 0.7673% | 1984 |
| 1.833169 | 0.545503 | 0.8149% | 1983 | 1.818350 | 0.549949 | 0.9737% | 1982 |
| 1.800815 | 0.555304 | 0.9508% | 1981 | 1.783854 | 0.560584 | 0.9031% | 1980 |
| 1.767889 | 0.565646 | 2.2701% | 1979 | 1.728647 | 0.578487 | 1.0042% | 1978 |
| 1.711461 | 0.584296 | 0.9896% | 1977 | 1.694690 | 0.590078 | 0.9103% | 1976 |
| 1.679402 | 0.595450 | 0.8394% | 1975 | 1.665422 | 0.600448 | 0.9042% | 1974 |
| 1.650499 | 0.605877 | 1.1568% | 1973 | 1.631624 | 0.612886 | 0.9427% | 1972 |
| 1.616387 | 0.618664 | 0.7426% | 1971 | 1.604471 | 0.623258 | 1.4697% | 1970 |
| 1.581231 | 0.632419 | 0.6968% | 1969 | 1.570289 | 0.636825 | 0.8565% | 1968 |
| 1.556953 | 0.642280 | 1.5090% | 1967 | 1.533807 | 0.651972 | 0.9949% | 1966 |
| 1.518698 | 0.658459 | 1.0575% | 1965 | 1.502806 | 0.665422 | 1.1300% | 1964 |
| 1.486014 | 0.672941 | 1.5537% | 1963 | 1.463280 | 0.683396 | 1.4658% | 1962 |
| 1.442141 | 0.693414 | 1.5364% | 1961 | 1.420318 | 0.704068 | 2.1586% | 1960 |
| 1.390307 | 0.719266 | -1.6655% | 1959 | 1.413854 | 0.707287 | 4.3080% | 1958 |
| 1.355461 | 0.737756 | 2.1130% | 1957 | 1.327413 | 0.753345 | 1.9895% | 1956 |
| 1.301520 | 0.768333 | 2.1231% | 1955 | 1.274461 | 0.784645 | 1.4496% | 1954 |
| 1.256251 | 0.796019 | 2.1573% | 1953 | 1.229722 | 0.813192 | 1.2298% | 1952 |
| 1.214784 | 0.823192 | 1.6814% | 1951 | 1.194696 | 0.837033 | 1.6233% | 1950 |
| 1.175613 | 0.850620 | 1.4265% | 1949 | 1.159078 | 0.862755 | 1.7790% | 1948 |
| 1.138818 | 0.878103 | 1.8242% | 1947 | 1.118416 | 0.894121 | -2.6320% | 1946 |
| 1.148649 | 0.870588 | 3.1768% | 1945 | 1.113283 | 0.898245 | 6.4754% | 1944 |
| 1.045577 | 0.956410 | -0.3437% | 1943 | 1.049183 | 0.953123 | 0.6562% | 1942 |
| 1.042343 | 0.959377 | 0.6633% | 1941 | 1.035474 | 0.965741 | -5.6614% | 1940 |
| 1.097615 | 0.911066 | 8.0381% | 1939 | 1.015952 | 0.984299 | 0.8126% | 1938 |
| 1.007762 | 0.992297 | 0.7762% | 1937 | 1.000000 | 1.000000 | 0.6029% | 1936 |
| 0.994007 | 1.006029 | 0.5244% | 1935 | 0.988822 | 1.011304 | -3.0364% | 1934 |
| 1.019787 | 0.980597 | 4.6271% | 1933 | 0.974687 | 1.025971 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.961304 | 1.040254 | -0.2051% | 1931 | 0.963280 | 1.038120 | 0.8886% | 1930 |
| 0.954795 | 1.047345 | 1.0126% | 1929 | 0.945224 | 1.057950 | 1.1526% | 1928 |
| 0.934454 | 1.070144 | 1.2160% | 1927 | 0.923227 | 1.083157 | 1.4086% | 1926 |
| 0.910403 | 1.098414 | 1.7667% | 1925 | 0.894599 | 1.117820 | 1.4465% | 1924 |
| 0.881843 | 1.133989 | 1.7700% | 1923 | 0.866506 | 1.154060 | 1.6165% | 1922 |
| 0.852722 | 1.172716 | 1.3736% | 1921 | 0.841167 | 1.188825 | 2.3393% | 1920 |
| 0.821939 | 1.216635 | 1.3140% | 1919 | 0.811279 | 1.232622 | 0.7676% | 1918 |
| 0.805099 | 1.242084 | 0.3870% | 1917 | 0.801995 | 1.246891 | 1.3274% | 1916 |
| 0.791488 | 1.263442 | 1.4083% | 1915 | 0.780497 | 1.281235 | 1.4458% | 1914 |
| 0.769373 | 1.299759 | 1.9424% | 1913 | 0.754714 | 1.325006 | 1.9857% | 1912 |
| 0.740019 | 1.351316 | 1.5634% | 1911 | 0.728628 | 1.372442 | 1.8169% | 1910 |
| 0.715626 | 1.397379 | 1.8781% | 1909 | 0.702434 | 1.423622 | 2.0082% | 1908 |
| 0.688605 | 1.452212 | 1.9603% | 1907 | 0.675366 | 1.480679 | 1.8264% | 1906 |
| 0.663252 | 1.507721 | 1.9357% | 1905 | 0.650658 | 1.536906 | 2.0148% | 1904 |
| 0.637807 | 1.567872 | 2.1335% | 1903 | 0.624484 | 1.601323 | 1.8151% | 1902 |
| 0.613350 | 1.630390 | 1.8943% | 1901 | 0.601947 | 1.661275 | 3.0255% | 1900 |
| 0.584270 | 1.711537 | 0.6278% | 1899 | 0.580625 | 1.722282 | 1.7757% | 1898 |
| 0.570495 | 1.752864 | 1.8078% | 1897 | 0.560365 | 1.784552 | 1.8396% | 1896 |
| 0.550243 | 1.817380 | 1.8755% | 1895 | 0.540113 | 1.851466 | 1.9114% | 1894 |
| 0.529983 | 1.886855 | 1.9486% | 1893 | 0.519853 | 1.923623 | 1.9858% | 1892 |
| 0.509730 | 1.961822 | 2.0276% | 1891 | 0.499600 | 2.001600 | 2.6465% | 1890 |
| 0.486719 | 2.054573 | 1.5328% | 1889 | 0.479371 | 2.086066 | 2.0811% | 1888 |
| 0.469598 | 2.129480 | 2.1599% | 1887 | 0.459670 | 2.175473 | 2.2075% | 1886 |
| 0.449742 | 2.223498 | 2.2592% | 1885 | 0.439806 | 2.273730 | 2.3095% | 1884 |
| 0.429878 | 2.326243 | 2.3641% | 1883 | 0.419950 | 2.381238 | 2.4214% | 1882 |
| 0.410021 | 2.438897 | 2.4815% | 1881 | 0.400093 | 2.499418 | 3.7644% | 1880 |
| 0.385578 | 2.593506 | 0.9432% | 1879 | 0.381976 | 2.617969 | 2.1464% | 1878 |
| 0.373949 | 2.674160 | 2.1913% | 1877 | 0.365931 | 2.732759 | 2.2426% | 1876 |
| 0.357904 | 2.794044 | 2.2941% | 1875 | 0.349878 | 2.858141 | 2.3456% | 1874 |
| 0.341859 | 2.925182 | 2.4043% | 1873 | 0.333833 | 2.995512 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.325806 | 3.069308 | 2.5258% | 1871 | 0.317780 | 3.146832 | 5.9947% | 1870 |
| 0.299807 | 3.335474 | -1.0968% | 1869 | 0.303132 | 3.298891 | 2.1930% | 1868 |
| 0.296627 | 3.371235 | 2.2394% | 1867 | 0.290130 | 3.446731 | 2.2935% | 1866 |
| 0.283625 | 3.525781 | 2.3445% | 1865 | 0.277128 | 3.608442 | 2.4037% | 1864 |
| 0.270623 | 3.695178 | 2.4599% | 1863 | 0.264126 | 3.786075 | 2.5250% | 1862 |
| 0.257621 | 3.881674 | 2.5872% | 1861 | 0.251124 | 3.982103 | 2.9504% | 1860 |
| 0.243927 | 4.099591 | 2.4012% | 1859 | 0.238207 | 4.198032 | 2.7627% | 1858 |
| 0.231803 | 4.314011 | 2.8412% | 1857 | 0.225399 | 4.436581 | 2.9243% | 1856 |
| 0.218995 | 4.566319 | 3.0161% | 1855 | 0.212583 | 4.704046 | 3.1061% | 1854 |
| 0.206179 | 4.850156 | 3.2056% | 1853 | 0.199775 | 5.005634 | 3.3118% | 1852 |
| 0.193371 | 5.171410 | 3.4252% | 1851 | 0.186967 | 5.348543 | 4.0106% | 1850 |
| 0.179757 | 5.563052 | 2.3254% | 1849 | 0.175672 | 5.692413 | 2.7841% | 1848 |
| 0.170914 | 5.850895 | 2.8590% | 1847 | 0.166163 | 6.018172 | 2.9432% | 1846 |
| 0.161413 | 6.195297 | 3.0324% | 1845 | 0.156662 | 6.383163 | 3.1325% | 1844 |
| 0.151904 | 6.583116 | 3.2284% | 1843 | 0.147153 | 6.795643 | 3.3361% | 1842 |
| 0.142402 | 7.022349 | 3.4512% | 1841 | 0.137652 | 7.264704 | 3.8105% | 1840 |
| 0.132599 | 7.541525 | 2.3861% | 1839 | 0.129509 | 7.721470 | 2.5824% | 1838 |
| 0.126249 | 7.920868 | 2.6573% | 1837 | 0.122981 | 8.131351 | 2.7232% | 1836 |
| 0.119721 | 8.352785 | 2.7994% | 1835 | 0.116460 | 8.586616 | 2.8871% | 1834 |
| 0.113192 | 8.834522 | 2.9657% | 1833 | 0.109932 | 9.096526 | 3.0563% | 1832 |
| 0.106672 | 9.374545 | 3.1604% | 1831 | 0.103404 | 9.670821 | 3.4660% | 1830 |
| 0.099940 | 10.006008 | 2.4653% | 1829 | 0.097535 | 10.252686 | 2.6804% | 1828 |
| 0.094989 | 10.527499 | 10.3427% | 1827 | 0.086086 | 11.616321 | -4.2314% | 1826 |
| 0.089889 | 11.124784 | 2.9150% | 1825 | 0.087343 | 11.449076 | 3.0026% | 1824 |
| 0.084797 | 11.792841 | 3.0955% | 1823 | 0.082251 | 12.157890 | 3.1944% | 1822 |
| 0.079705 | 12.546260 | 3.3102% | 1821 | 0.077151 | 12.961566 | 3.2277% | 1820 |
| 0.074739 | 13.379931 | 2.6573% | 1819 | 0.072804 | 13.735473 | 2.6261% | 1818 |
| 0.070941 | 14.096181 | 2.6969% | 1817 | 0.069078 | 14.476346 | 2.7717% | 1816 |
| 0.067215 | 14.877584 | 2.8507% | 1815 | 0.065352 | 15.301699 | 2.9343% | 1814 |
| 0.063489 | 15.750703 | 3.0231% | 1813 | 0.061626 | 16.226855 | 3.1039% | 1812 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.059771 | 16.730519 | 3.2172% | 1811 | 0.057908 | 17.268767 | 3.0969% | 1810 |
| 0.056169 | 17.803566 | 2.9144% | 1809 | 0.054578 | 18.322429 | 2.8225% | 1808 |
| 0.053080 | 18.839573 | 2.9199% | 1807 | 0.051574 | 19.389675 | 2.9918% | 1806 |
| 0.050076 | 19.969772 | 3.0841% | 1805 | 0.048578 | 20.585650 | 3.1822% | 1804 |
| 0.047079 | 21.240725 | 3.2868% | 1803 | 0.045581 | 21.938862 | 3.3985% | 1802 |
| 0.044083 | 22.684451 | 3.5180% | 1801 | 0.042585 | 23.482501 | 3.3999% | 1800 |
| 0.041185 | 24.280894 | 2.8419% | 1799 | 0.040047 | 24.970925 | 2.7485% | 1798 |
| 0.038975 | 25.657240 | 2.8261% | 1797 | 0.037904 | 26.382347 | 3.7832% | 1796 |
| 0.036522 | 27.380446 | 2.1272% | 1795 | 0.035762 | 27.962883 | 3.0879% | 1794 |
| 0.034690 | 28.826359 | 3.1625% | 1793 | 0.033627 | 29.737996 | 3.2904% | 1792 |
| 0.032556 | 30.716500 | 3.4024% | 1791 | 0.031485 | 31.761588 | 3.2296% | 1790 |
| 0.030500 | 32.787348 | 41.3145% | 1780 | 0.021583 | 46.333261 | 29.4353% | 1770 |
| 0.016675 | 59.971603 | 83.4728% | 1750 | 0.009088 | 110.031602 | 29.2845% | 1740 |
| 0.007030 | 142.253754 | 94.2514% | 1720 | 0.003619 | 276.329901 | 85.8111% | 1700 |
| 0.001948 | 513.451574 | 19.2490% | 1690 | 0.001633 | 612.286122 | 88.0250% | 1670 |
| 0.000869 | 1151.251117 | | | | | | |

BASE YEAR: 1936

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.353950 | 0.424818 | 8.2857% | 2001 | 2.173833 | 0.460017 | 1.0000% |
| 2000 | 2.152310 | 0.464617 | 1.0000% | 1999 | 2.131000 | 0.469263 | 1.0000% |
| 1998 | 2.109901 | 0.473956 | 1.0000% | 1997 | 2.089011 | 0.478695 | 1.0000% |
| 1996 | 2.068328 | 0.483482 | 1.0000% | 1995 | 2.047849 | 0.488317 | 0.9992% |
| 1994 | 2.027589 | 0.493197 | 1.0008% | 1993 | 2.007499 | 0.498132 | 1.0000% |
| 1992 | 1.987622 | 0.503114 | 0.9295% | 1991 | 1.969317 | 0.507790 | 1.2505% |
| 1990 | 1.944995 | 0.514140 | 0.7224% | 1989 | 1.931044 | 0.517855 | 1.1077% |
| 1988 | 1.909889 | 0.523591 | 0.8834% | 1987 | 1.893165 | 0.528216 | 0.5594% |
| 1986 | 1.882635 | 0.531171 | 1.3056% | 1985 | 1.858371 | 0.538106 | 0.7673% |
| 1984 | 1.844221 | 0.542234 | 0.8149% | 1983 | 1.829313 | 0.546653 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.811672 | 0.551976 | 0.9508% | 1981 | 1.794608 | 0.557225 | 0.9031% | 1980 |
| 1.778547 | 0.562257 | 2.2701% | 1979 | 1.739069 | 0.575020 | 1.0042% | 1978 |
| 1.721779 | 0.580795 | 0.9896% | 1977 | 1.704907 | 0.586542 | 0.9103% | 1976 |
| 1.689527 | 0.591882 | 0.8394% | 1975 | 1.675463 | 0.596850 | 0.9042% | 1974 |
| 1.660449 | 0.602247 | 1.1568% | 1973 | 1.641461 | 0.609213 | 0.9427% | 1972 |
| 1.626131 | 0.614956 | 0.7426% | 1971 | 1.614144 | 0.619523 | 1.4697% | 1970 |
| 1.590764 | 0.628629 | 0.6968% | 1969 | 1.579756 | 0.633009 | 0.8565% | 1968 |
| 1.566340 | 0.638431 | 1.5090% | 1967 | 1.543054 | 0.648065 | 0.9949% | 1966 |
| 1.527854 | 0.654513 | 1.0575% | 1965 | 1.511866 | 0.661434 | 1.1300% | 1964 |
| 1.494973 | 0.668908 | 1.5537% | 1963 | 1.472101 | 0.679301 | 1.4658% | 1962 |
| 1.450835 | 0.689258 | 1.5364% | 1961 | 1.428881 | 0.699848 | 2.1586% | 1960 |
| 1.398688 | 0.714956 | -1.6655% | 1959 | 1.422378 | 0.703048 | 4.3080% | 1958 |
| 1.363633 | 0.733335 | 2.1130% | 1957 | 1.335416 | 0.748830 | 1.9895% | 1956 |
| 1.309366 | 0.763728 | 2.1231% | 1955 | 1.282145 | 0.779943 | 1.4496% | 1954 |
| 1.263824 | 0.791249 | 2.1573% | 1953 | 1.237136 | 0.808318 | 1.2298% | 1952 |
| 1.222107 | 0.818259 | 1.6814% | 1951 | 1.201899 | 0.832017 | 1.6233% | 1950 |
| 1.182700 | 0.845523 | 1.4265% | 1949 | 1.166066 | 0.857584 | 1.7790% | 1948 |
| 1.145684 | 0.872841 | 1.8242% | 1947 | 1.125159 | 0.888763 | -2.6320% | 1946 |
| 1.155574 | 0.865371 | 3.1768% | 1945 | 1.119994 | 0.892862 | 6.4754% | 1944 |
| 1.051881 | 0.950678 | -0.3437% | 1943 | 1.055508 | 0.947411 | 0.6562% | 1942 |
| 1.048627 | 0.953628 | 0.6633% | 1941 | 1.041717 | 0.959954 | -5.6614% | 1940 |
| 1.104232 | 0.905606 | 8.0381% | 1939 | 1.022077 | 0.978400 | 0.8126% | 1938 |
| 1.013838 | 0.986351 | 0.7762% | 1937 | 1.006029 | 0.994007 | 0.6029% | 1936 |
| 1.000000 | 1.000000 | 0.5244% | 1935 | 0.994783 | 1.005244 | -3.0364% | 1934 |
| 1.025935 | 0.974721 | 4.6271% | 1933 | 0.980563 | 1.019823 | 1.3921% | 1932 |
| 0.967100 | 1.034020 | -0.2051% | 1931 | 0.969087 | 1.031899 | 0.8886% | 1930 |
| 0.960552 | 1.041069 | 1.0126% | 1929 | 0.950923 | 1.051610 | 1.1526% | 1928 |
| 0.940087 | 1.063731 | 1.2160% | 1927 | 0.928793 | 1.076666 | 1.4086% | 1926 |
| 0.915892 | 1.091832 | 1.7667% | 1925 | 0.899992 | 1.111121 | 1.4465% | 1924 |
| 0.887159 | 1.127193 | 1.7700% | 1923 | 0.871730 | 1.147144 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.857862 | 1.165688 | 1.3736% | 1921 | 0.846238 | 1.181701 | 2.3393% | 1920 |
| 0.826894 | 1.209344 | 1.3140% | 1919 | 0.816170 | 1.225235 | 0.7676% | 1918 |
| 0.809952 | 1.234641 | 0.3870% | 1917 | 0.806830 | 1.239418 | 1.3274% | 1916 |
| 0.796260 | 1.255871 | 1.4083% | 1915 | 0.785202 | 1.273557 | 1.4458% | 1914 |
| 0.774012 | 1.291970 | 1.9424% | 1913 | 0.759264 | 1.317065 | 1.9857% | 1912 |
| 0.744481 | 1.343218 | 1.5634% | 1911 | 0.733021 | 1.364218 | 1.8169% | 1910 |
| 0.719940 | 1.389005 | 1.8781% | 1909 | 0.706668 | 1.415091 | 2.0082% | 1908 |
| 0.692756 | 1.443509 | 1.9603% | 1907 | 0.679437 | 1.471806 | 1.8264% | 1906 |
| 0.667251 | 1.498686 | 1.9357% | 1905 | 0.654581 | 1.527696 | 2.0148% | 1904 |
| 0.641652 | 1.558476 | 2.1335% | 1903 | 0.628248 | 1.591727 | 1.8151% | 1902 |
| 0.617048 | 1.620619 | 1.8943% | 1901 | 0.605576 | 1.651319 | 3.0255% | 1900 |
| 0.587793 | 1.701280 | 0.6278% | 1899 | 0.584125 | 1.711961 | 1.7757% | 1898 |
| 0.573934 | 1.742360 | 1.8078% | 1897 | 0.563743 | 1.773858 | 1.8396% | 1896 |
| 0.553560 | 1.806489 | 1.8755% | 1895 | 0.543369 | 1.840371 | 1.9114% | 1894 |
| 0.533178 | 1.875547 | 1.9486% | 1893 | 0.522987 | 1.912095 | 1.9858% | 1892 |
| 0.512803 | 1.950065 | 2.0276% | 1891 | 0.502612 | 1.989606 | 2.6465% | 1890 |
| 0.489653 | 2.042261 | 1.5328% | 1889 | 0.482261 | 2.073565 | 2.0811% | 1888 |
| 0.472429 | 2.116718 | 2.1599% | 1887 | 0.462441 | 2.162436 | 2.2075% | 1886 |
| 0.452453 | 2.210173 | 2.2592% | 1885 | 0.442457 | 2.260104 | 2.3095% | 1884 |
| 0.432469 | 2.312302 | 2.3641% | 1883 | 0.422481 | 2.366969 | 2.4214% | 1882 |
| 0.412493 | 2.424282 | 2.4815% | 1881 | 0.402505 | 2.484440 | 3.7644% | 1880 |
| 0.387903 | 2.577964 | 0.9432% | 1879 | 0.384278 | 2.602280 | 2.1464% | 1878 |
| 0.376204 | 2.658135 | 2.1913% | 1877 | 0.368137 | 2.716383 | 2.2426% | 1876 |
| 0.360062 | 2.777301 | 2.2941% | 1875 | 0.351987 | 2.841013 | 2.3456% | 1874 |
| 0.343920 | 2.907652 | 2.4043% | 1873 | 0.335845 | 2.977561 | 2.4635% | 1872 |
| 0.327771 | 3.050915 | 2.5258% | 1871 | 0.319696 | 3.127974 | 5.9947% | 1870 |
| 0.301615 | 3.315486 | -1.0968% | 1869 | 0.304960 | 3.279122 | 2.1930% | 1868 |
| 0.298415 | 3.351032 | 2.2394% | 1867 | 0.291879 | 3.426076 | 2.2935% | 1866 |
| 0.285335 | 3.504653 | 2.3445% | 1865 | 0.278799 | 3.586818 | 2.4037% | 1864 |
| 0.272254 | 3.673034 | 2.4599% | 1863 | 0.265718 | 3.763387 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.259174 | 3.858413 | 2.5872% | 1861 | 0.252638 | 3.958239 | 2.9504% | 1860 |
| 0.245397 | 4.075023 | 2.4012% | 1859 | 0.239643 | 4.172875 | 2.7627% | 1858 |
| 0.233200 | 4.288159 | 2.8412% | 1857 | 0.226758 | 4.409994 | 2.9243% | 1856 |
| 0.220315 | 4.538955 | 3.0161% | 1855 | 0.213865 | 4.675856 | 3.1061% | 1854 |
| 0.207422 | 4.821091 | 3.2056% | 1853 | 0.200979 | 4.975637 | 3.3118% | 1852 |
| 0.194537 | 5.140420 | 3.4252% | 1851 | 0.188094 | 5.316491 | 4.0106% | 1850 |
| 0.180841 | 5.529714 | 2.3254% | 1849 | 0.176732 | 5.658301 | 2.7841% | 1848 |
| 0.171944 | 5.815833 | 2.8590% | 1847 | 0.167165 | 5.982108 | 2.9432% | 1846 |
| 0.162386 | 6.158171 | 3.0324% | 1845 | 0.157607 | 6.344911 | 3.1325% | 1844 |
| 0.152820 | 6.543666 | 3.2284% | 1843 | 0.148040 | 6.754919 | 3.3361% | 1842 |
| 0.143261 | 6.980267 | 3.4512% | 1841 | 0.138482 | 7.221170 | 3.8105% | 1840 |
| 0.133399 | 7.496331 | 2.3861% | 1839 | 0.130290 | 7.675198 | 2.5824% | 1838 |
| 0.127010 | 7.873401 | 2.6573% | 1837 | 0.123722 | 8.082623 | 2.7232% | 1836 |
| 0.120442 | 8.302730 | 2.7994% | 1835 | 0.117162 | 8.535160 | 2.8871% | 1834 |
| 0.113875 | 8.781580 | 2.9657% | 1833 | 0.110595 | 9.042014 | 3.0563% | 1832 |
| 0.107315 | 9.318367 | 3.1604% | 1831 | 0.104027 | 9.612867 | 3.4660% | 1830 |
| 0.100542 | 9.946046 | 2.4653% | 1829 | 0.098123 | 10.191246 | 2.6804% | 1828 |
| 0.095562 | 10.464411 | 10.3427% | 1827 | 0.086605 | 11.546709 | -4.2314% | 1826 |
| 0.090431 | 11.058117 | 2.9150% | 1825 | 0.087870 | 11.380466 | 3.0026% | 1824 |
| 0.085308 | 11.722171 | 3.0955% | 1823 | 0.082747 | 12.085032 | 3.1944% | 1822 |
| 0.080186 | 12.471075 | 3.3102% | 1821 | 0.077616 | 12.883892 | 3.2277% | 1820 |
| 0.075189 | 13.299750 | 2.6573% | 1819 | 0.073243 | 13.653161 | 2.6261% | 1818 |
| 0.071369 | 14.011708 | 2.6969% | 1817 | 0.069495 | 14.389594 | 2.7717% | 1816 |
| 0.067620 | 14.788428 | 2.8507% | 1815 | 0.065746 | 15.210001 | 2.9343% | 1814 |
| 0.063872 | 15.656315 | 3.0231% | 1813 | 0.061998 | 16.129613 | 3.1039% | 1812 |
| 0.060131 | 16.630260 | 3.2172% | 1811 | 0.058257 | 17.165282 | 3.0969% | 1810 |
| 0.056507 | 17.696876 | 2.9144% | 1809 | 0.054907 | 18.212630 | 2.8225% | 1808 |
| 0.053400 | 18.726674 | 2.9199% | 1807 | 0.051885 | 19.273480 | 2.9918% | 1806 |
| 0.050378 | 19.850101 | 3.0841% | 1805 | 0.048870 | 20.462288 | 3.1822% | 1804 |
| 0.047363 | 21.113438 | 3.2868% | 1803 | 0.045856 | 21.807391 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.044349 | 22.548512 | 3.5180% | 1801 | 0.042842 | 23.341779 | 3.3999% | 1800 |
| 0.041433 | 24.135387 | 2.8419% | 1799 | 0.040288 | 24.821283 | 2.7485% | 1798 |
| 0.039210 | 25.503485 | 2.8261% | 1797 | 0.038133 | 26.224247 | 3.7832% | 1796 |
| 0.036743 | 27.216366 | 2.1272% | 1795 | 0.035977 | 27.795311 | 3.0879% | 1794 |
| 0.034900 | 28.653614 | 3.1625% | 1793 | 0.033830 | 29.559788 | 3.2904% | 1792 |
| 0.032752 | 30.532427 | 3.4024% | 1791 | 0.031674 | 31.571252 | 3.2296% | 1790 |
| 0.030683 | 32.590866 | 41.3145% | 1780 | 0.021713 | 46.055604 | 29.4353% | 1770 |
| 0.016775 | 59.612215 | 83.4728% | 1750 | 0.009143 | 109.372224 | 29.2845% | 1740 |
| 0.007072 | 141.401281 | 94.2514% | 1720 | 0.003641 | 274.673960 | 85.8111% | 1700 |
| 0.001959 | 510.374651 | 19.2490% | 1690 | 0.001643 | 608.616920 | 88.0250% | 1670 |
| 0.000874 | 1144.352100 | | | | | | |

BASE YEAR: 1935

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.366294 | 0.422602 | 8.2857% | 2001 | 2.185233 | 0.457617 | 1.0000% |
| 2000 | 2.163597 | 0.462193 | 1.0000% | 1999 | 2.142175 | 0.466815 | 1.0000% |
| 1998 | 2.120965 | 0.471483 | 1.0000% | 1997 | 2.099966 | 0.476198 | 1.0000% |
| 1996 | 2.079174 | 0.480960 | 1.0000% | 1995 | 2.058588 | 0.485770 | 0.9992% |
| 1994 | 2.038222 | 0.490624 | 1.0008% | 1993 | 2.018026 | 0.495534 | 1.0000% |
| 1992 | 1.998045 | 0.500489 | 0.9295% | 1991 | 1.979644 | 0.505141 | 1.2505% |
| 1990 | 1.955194 | 0.511458 | 0.7224% | 1989 | 1.941170 | 0.515153 | 1.1077% |
| 1988 | 1.919904 | 0.520859 | 0.8834% | 1987 | 1.903093 | 0.525460 | 0.5594% |
| 1986 | 1.892507 | 0.528400 | 1.3056% | 1985 | 1.868116 | 0.535299 | 0.7673% |
| 1984 | 1.853892 | 0.539406 | 0.8149% | 1983 | 1.838906 | 0.543802 | 0.9737% |
| 1982 | 1.821172 | 0.549097 | 0.9508% | 1981 | 1.804019 | 0.554318 | 0.9031% |
| 1980 | 1.787874 | 0.559324 | 2.2701% | 1979 | 1.748189 | 0.572021 | 1.0042% |
| 1978 | 1.730808 | 0.577765 | 0.9896% | 1977 | 1.713848 | 0.583482 | 0.9103% |
| 1976 | 1.698387 | 0.588794 | 0.8394% | 1975 | 1.684249 | 0.593737 | 0.9042% |
| 1974 | 1.669156 | 0.599105 | 1.1568% | 1973 | 1.650069 | 0.606035 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.634659 | 0.611748 | 0.7426% | 1971 | 1.622609 | 0.616292 | 1.4697% | 1970 |
| 1.599106 | 0.625349 | 0.6968% | 1969 | 1.588040 | 0.629707 | 0.8565% | 1968 |
| 1.574554 | 0.635101 | 1.5090% | 1967 | 1.551146 | 0.644685 | 0.9949% | 1966 |
| 1.535866 | 0.651099 | 1.0575% | 1965 | 1.519794 | 0.657984 | 1.1300% | 1964 |
| 1.502812 | 0.665419 | 1.5537% | 1963 | 1.479821 | 0.675757 | 1.4658% | 1962 |
| 1.458443 | 0.685663 | 1.5364% | 1961 | 1.436374 | 0.696198 | 2.1586% | 1960 |
| 1.406023 | 0.711226 | -1.6655% | 1959 | 1.429837 | 0.699381 | 4.3080% | 1958 |
| 1.370783 | 0.729510 | 2.1130% | 1957 | 1.342419 | 0.744924 | 1.9895% | 1956 |
| 1.316232 | 0.759744 | 2.1231% | 1955 | 1.288868 | 0.775874 | 1.4496% | 1954 |
| 1.270452 | 0.787122 | 2.1573% | 1953 | 1.243624 | 0.804102 | 1.2298% | 1952 |
| 1.228516 | 0.813990 | 1.6814% | 1951 | 1.208202 | 0.827676 | 1.6233% | 1950 |
| 1.188902 | 0.841112 | 1.4265% | 1949 | 1.172181 | 0.853111 | 1.7790% | 1948 |
| 1.151692 | 0.868288 | 1.8242% | 1947 | 1.131059 | 0.884127 | -2.6320% | 1946 |
| 1.161634 | 0.860856 | 3.1768% | 1945 | 1.125867 | 0.888204 | 6.4754% | 1944 |
| 1.057397 | 0.945719 | -0.3437% | 1943 | 1.061043 | 0.942469 | 0.6562% | 1942 |
| 1.054126 | 0.948653 | 0.6633% | 1941 | 1.047180 | 0.954946 | -5.6614% | 1940 |
| 1.110023 | 0.900882 | 8.0381% | 1939 | 1.027437 | 0.973296 | 0.8126% | 1938 |
| 1.019155 | 0.981205 | 0.7762% | 1937 | 1.011304 | 0.988822 | 0.6029% | 1936 |
| 1.005244 | 0.994783 | 0.5244% | 1935 | 1.000000 | 1.000000 | -3.0364% | 1934 |
| 1.031315 | 0.969636 | 4.6271% | 1933 | 0.985705 | 1.014503 | 1.3921% | 1932 |
| 0.972171 | 1.028626 | -0.2051% | 1931 | 0.974169 | 1.026516 | 0.8886% | 1930 |
| 0.965589 | 1.035638 | 1.0126% | 1929 | 0.955909 | 1.046124 | 1.1526% | 1928 |
| 0.945017 | 1.058182 | 1.2160% | 1927 | 0.933664 | 1.071049 | 1.4086% | 1926 |
| 0.920695 | 1.086136 | 1.7667% | 1925 | 0.904712 | 1.105325 | 1.4465% | 1924 |
| 0.891811 | 1.121313 | 1.7700% | 1923 | 0.876301 | 1.141160 | 1.6165% | 1922 |
| 0.862361 | 1.159607 | 1.3736% | 1921 | 0.850676 | 1.175536 | 2.3393% | 1920 |
| 0.831231 | 1.203036 | 1.3140% | 1919 | 0.820450 | 1.218844 | 0.7676% | 1918 |
| 0.814200 | 1.228200 | 0.3870% | 1917 | 0.811061 | 1.232953 | 1.3274% | 1916 |
| 0.800436 | 1.249320 | 1.4083% | 1915 | 0.789320 | 1.266914 | 1.4458% | 1914 |
| 0.778070 | 1.285231 | 1.9424% | 1913 | 0.763245 | 1.310195 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.748385 | 1.336211 | 1.5634% | 1911 | 0.736865 | 1.357101 | 1.8169% | 1910 |
| 0.723715 | 1.381759 | 1.8781% | 1909 | 0.710374 | 1.407709 | 2.0082% | 1908 |
| 0.696389 | 1.435979 | 1.9603% | 1907 | 0.683000 | 1.464128 | 1.8264% | 1906 |
| 0.670750 | 1.490868 | 1.9357% | 1905 | 0.658013 | 1.519727 | 2.0148% | 1904 |
| 0.645017 | 1.550347 | 2.1335% | 1903 | 0.631543 | 1.583424 | 1.8151% | 1902 |
| 0.620284 | 1.612165 | 1.8943% | 1901 | 0.608752 | 1.642705 | 3.0255% | 1900 |
| 0.590875 | 1.692405 | 0.6278% | 1899 | 0.587188 | 1.703031 | 1.7757% | 1898 |
| 0.576944 | 1.733271 | 1.8078% | 1897 | 0.566699 | 1.764604 | 1.8396% | 1896 |
| 0.556463 | 1.797066 | 1.8755% | 1895 | 0.546218 | 1.830770 | 1.9114% | 1894 |
| 0.535974 | 1.865763 | 1.9486% | 1893 | 0.525729 | 1.902120 | 1.9858% | 1892 |
| 0.515492 | 1.939893 | 2.0276% | 1891 | 0.505248 | 1.979227 | 2.6465% | 1890 |
| 0.492221 | 2.031607 | 1.5328% | 1889 | 0.484790 | 2.062748 | 2.0811% | 1888 |
| 0.474907 | 2.105676 | 2.1599% | 1887 | 0.464866 | 2.151156 | 2.2075% | 1886 |
| 0.454826 | 2.198643 | 2.2592% | 1885 | 0.444778 | 2.248314 | 2.3095% | 1884 |
| 0.434737 | 2.300240 | 2.3641% | 1883 | 0.424697 | 2.354621 | 2.4214% | 1882 |
| 0.414656 | 2.411636 | 2.4815% | 1881 | 0.404616 | 2.471480 | 3.7644% | 1880 |
| 0.389937 | 2.564516 | 0.9432% | 1879 | 0.386294 | 2.588705 | 2.1464% | 1878 |
| 0.378176 | 2.644269 | 2.1913% | 1877 | 0.370067 | 2.702213 | 2.2426% | 1876 |
| 0.361950 | 2.762813 | 2.2941% | 1875 | 0.353833 | 2.826193 | 2.3456% | 1874 |
| 0.345724 | 2.892484 | 2.4043% | 1873 | 0.337606 | 2.962029 | 2.4635% | 1872 |
| 0.329489 | 3.035000 | 2.5258% | 1871 | 0.321372 | 3.111657 | 5.9947% | 1870 |
| 0.303197 | 3.298190 | -1.0968% | 1869 | 0.306559 | 3.262016 | 2.1930% | 1868 |
| 0.299980 | 3.333551 | 2.2394% | 1867 | 0.293410 | 3.408203 | 2.2935% | 1866 |
| 0.286831 | 3.486370 | 2.3445% | 1865 | 0.280261 | 3.568107 | 2.4037% | 1864 |
| 0.273682 | 3.653874 | 2.4599% | 1863 | 0.267112 | 3.743755 | 2.5250% | 1862 |
| 0.260533 | 3.838285 | 2.5872% | 1861 | 0.253962 | 3.937591 | 2.9504% | 1860 |
| 0.246684 | 4.053766 | 2.4012% | 1859 | 0.240900 | 4.151106 | 2.7627% | 1858 |
| 0.234423 | 4.265789 | 2.8412% | 1857 | 0.227947 | 4.386989 | 2.9243% | 1856 |
| 0.221470 | 4.515277 | 3.0161% | 1855 | 0.214986 | 4.651464 | 3.1061% | 1854 |
| 0.208510 | 4.795941 | 3.2056% | 1853 | 0.202033 | 4.949681 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.195557 | 5.113604 | 3.4252% | 1851 | 0.189080 | 5.288757 | 4.0106% | 1850 |
| 0.181789 | 5.500868 | 2.3254% | 1849 | 0.177658 | 5.628784 | 2.7841% | 1848 |
| 0.172846 | 5.785494 | 2.8590% | 1847 | 0.168042 | 5.950902 | 2.9432% | 1846 |
| 0.163237 | 6.126046 | 3.0324% | 1845 | 0.158433 | 6.311813 | 3.1325% | 1844 |
| 0.153621 | 6.509530 | 3.2284% | 1843 | 0.148817 | 6.719681 | 3.3361% | 1842 |
| 0.144012 | 6.943854 | 3.4512% | 1841 | 0.139208 | 7.183500 | 3.8105% | 1840 |
| 0.134098 | 7.457226 | 2.3861% | 1839 | 0.130973 | 7.635159 | 2.5824% | 1838 |
| 0.127676 | 7.832329 | 2.6573% | 1837 | 0.124371 | 8.040460 | 2.7232% | 1836 |
| 0.121074 | 8.259418 | 2.7994% | 1835 | 0.117777 | 8.490635 | 2.8871% | 1834 |
| 0.114472 | 8.735770 | 2.9657% | 1833 | 0.111175 | 8.994845 | 3.0563% | 1832 |
| 0.107878 | 9.269757 | 3.1604% | 1831 | 0.104573 | 9.562721 | 3.4660% | 1830 |
| 0.101070 | 9.894161 | 2.4653% | 1829 | 0.098638 | 10.138082 | 2.6804% | 1828 |
| 0.096063 | 10.409823 | 10.3427% | 1827 | 0.087059 | 11.486474 | -4.2314% | 1826 |
| 0.090906 | 11.000432 | 2.9150% | 1825 | 0.088331 | 11.321098 | 3.0026% | 1824 |
| 0.085756 | 11.661022 | 3.0955% | 1823 | 0.083181 | 12.021989 | 3.1944% | 1822 |
| 0.080606 | 12.406019 | 3.3102% | 1821 | 0.078023 | 12.816682 | 3.2277% | 1820 |
| 0.075584 | 13.230371 | 2.6573% | 1819 | 0.073627 | 13.581938 | 2.6261% | 1818 |
| 0.071743 | 13.938615 | 2.6969% | 1817 | 0.069859 | 14.314530 | 2.7717% | 1816 |
| 0.067975 | 14.711283 | 2.8507% | 1815 | 0.066091 | 15.130657 | 2.9343% | 1814 |
| 0.064207 | 15.574642 | 3.0231% | 1813 | 0.062323 | 16.045472 | 3.1039% | 1812 |
| 0.060447 | 16.543506 | 3.2172% | 1811 | 0.058563 | 17.075737 | 3.0969% | 1810 |
| 0.056803 | 17.604558 | 2.9144% | 1809 | 0.055195 | 18.117622 | 2.8225% | 1808 |
| 0.053680 | 18.628985 | 2.9199% | 1807 | 0.052157 | 19.172938 | 2.9918% | 1806 |
| 0.050642 | 19.746551 | 3.0841% | 1805 | 0.049127 | 20.355545 | 3.1822% | 1804 |
| 0.047612 | 21.003298 | 3.2868% | 1803 | 0.046096 | 21.693631 | 3.3985% | 1802 |
| 0.044581 | 22.430886 | 3.5180% | 1801 | 0.043066 | 23.220015 | 3.3999% | 1800 |
| 0.041650 | 24.009483 | 2.8419% | 1799 | 0.040499 | 24.691801 | 2.7485% | 1798 |
| 0.039416 | 25.370444 | 2.8261% | 1797 | 0.038333 | 26.087446 | 3.7832% | 1796 |
| 0.036935 | 27.074389 | 2.1272% | 1795 | 0.036166 | 27.650315 | 3.0879% | 1794 |
| 0.035083 | 28.504140 | 3.1625% | 1793 | 0.034007 | 29.405586 | 3.2904% | 1792 |

0.032924 30.373152 3.4024% 1791 0.031840 31.406558 3.2296% 1790
0.030844 32.420853 41.3145% 1780 0.021827 45.815350 29.4353% 1770
0.016863 59.301243 83.4728% 1750 0.009191 108.801674 29.2845% 1740
0.007109 140.663648 94.2514% 1720 0.003660 273.241098 85.8111%
1700 0.001970 507.712236 19.2490% 1690 0.001652 605.442015
88.0250% 1670 0.000878 1138.382484

BASE YEAR: 1934

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.294444 | 0.435835 | 8.2857% | 2001 | 2.118881 | 0.471947 | 1.0000% |
| 2000 | 2.097902 | 0.476667 | 1.0000% | 1999 | 2.077131 | 0.481433 | 1.0000% |
| 1998 | 2.056565 | 0.486248 | 1.0000% | 1997 | 2.036203 | 0.491110 | 1.0000% |
| 1996 | 2.016043 | 0.496021 | 1.0000% | 1995 | 1.996082 | 0.500981 | 0.9992% |
| 1994 | 1.976334 | 0.505987 | 1.0008% | 1993 | 1.956751 | 0.511051 | 1.0000% |
| 1992 | 1.937377 | 0.516162 | 0.9295% | 1991 | 1.919535 | 0.520959 | 1.2505% |
| 1990 | 1.895827 | 0.527474 | 0.7224% | 1989 | 1.882229 | 0.531285 | 1.1077% |
| 1988 | 1.861609 | 0.537170 | 0.8834% | 1987 | 1.845308 | 0.541915 | 0.5594% |
| 1986 | 1.835043 | 0.544946 | 1.3056% | 1985 | 1.811393 | 0.552061 | 0.7673% |
| 1984 | 1.797601 | 0.556297 | 0.8149% | 1983 | 1.783070 | 0.560831 | 0.9737% |
| 1982 | 1.765875 | 0.566292 | 0.9508% | 1981 | 1.749243 | 0.571676 | 0.9031% |
| 1980 | 1.733587 | 0.576839 | 2.2701% | 1979 | 1.695107 | 0.589933 | 1.0042% |
| 1978 | 1.678254 | 0.595857 | 0.9896% | 1977 | 1.661809 | 0.601754 | 0.9103% |
| 1976 | 1.646817 | 0.607232 | 0.8394% | 1975 | 1.633109 | 0.612329 | 0.9042% |
| 1974 | 1.618475 | 0.617866 | 1.1568% | 1973 | 1.599967 | 0.625013 | 0.9427% |
| 1972 | 1.585024 | 0.630905 | 0.7426% | 1971 | 1.573340 | 0.635590 | 1.4697% |
| 1970 | 1.550551 | 0.644932 | 0.6968% | 1969 | 1.539821 | 0.649426 | 0.8565% |
| 1968 | 1.526744 | 0.654989 | 1.5090% | 1967 | 1.504048 | 0.664873 | 0.9949% |
| 1966 | 1.489231 | 0.671487 | 1.0575% | 1965 | 1.473648 | 0.678588 | 1.1300% |
| 1964 | 1.457181 | 0.686256 | 1.5537% | 1963 | 1.434888 | 0.696918 | 1.4658% |
| 1962 | 1.414159 | 0.707134 | 1.5364% | 1961 | 1.392760 | 0.717999 | 2.1586% |
| 1960 | 1.363331 | 0.733498 | -1.6655% | 1959 | 1.386422 | 0.721281 | 4.3080% |
| 1958 | 1.329161 | 0.752354 | 2.1130% | 1957 | 1.301658 | 0.768251 | 1.9895% |
| 1956 | 1.276267 | 0.783535 | 2.1231% | 1955 | 1.249734 | 0.800171 | 1.4496% |
| 1954 | 1.231876 | 0.811770 | 2.1573% | 1953 | 1.205863 | 0.829282 | 1.2298% |
| 1952 | 1.191214 | 0.839480 | 1.6814% | 1951 | 1.171516 | 0.853595 | 1.6233% |
| 1950 | 1.152803 | 0.867451 | 1.4265% | 1949 | 1.136589 | 0.879825 | 1.7790% |
| 1948 | 1.116722 | 0.895478 | 1.8242% | 1947 | 1.096716 | 0.911813 | -2.6320% |
| 1946 | 1.126363 | 0.887814 | 3.1768% | 1945 | 1.091682 | 0.916018 | 6.4754% |
| 1944 | 1.025290 | 0.975334 | -0.3437% | 1943 | 1.028826 | 0.971982 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.022119 | 0.978360 | 0.6633% | 1941 | 1.015384 | 0.984850 | -5.6614% | 1940 |
| 1.076319 | 0.929093 | 8.0381% | 1939 | 0.996240 | 1.003774 | 0.8126% | 1938 |
| 0.988209 | 1.011931 | 0.7762% | 1937 | 0.980597 | 1.019787 | 0.6029% | 1936 |
| 0.974721 | 1.025935 | 0.5244% | 1935 | 0.969636 | 1.031315 | -3.0364% | 1934 |
| 1.000000 | 1.000000 | 4.6271% | 1933 | 0.955775 | 1.046271 | 1.3921% | 1932 |
| 0.942652 | 1.060837 | -0.2051% | 1931 | 0.944589 | 1.058661 | 0.8886% | 1930 |
| 0.936270 | 1.068068 | 1.0126% | 1929 | 0.926884 | 1.078883 | 1.1526% | 1928 |
| 0.916323 | 1.091318 | 1.2160% | 1927 | 0.905314 | 1.104589 | 1.4086% | 1926 |
| 0.892739 | 1.120148 | 1.7667% | 1925 | 0.877241 | 1.139937 | 1.4465% | 1924 |
| 0.864733 | 1.156427 | 1.7700% | 1923 | 0.849693 | 1.176895 | 1.6165% | 1922 |
| 0.836176 | 1.195920 | 1.3736% | 1921 | 0.824846 | 1.212347 | 2.3393% | 1920 |
| 0.805991 | 1.240708 | 1.3140% | 1919 | 0.795538 | 1.257011 | 0.7676% | 1918 |
| 0.789478 | 1.266660 | 0.3870% | 1917 | 0.786434 | 1.271562 | 1.3274% | 1916 |
| 0.776132 | 1.288441 | 1.4083% | 1915 | 0.765353 | 1.306586 | 1.4458% | 1914 |
| 0.754445 | 1.325477 | 1.9424% | 1913 | 0.740070 | 1.351223 | 1.9857% | 1912 |
| 0.725661 | 1.378054 | 1.5634% | 1911 | 0.714491 | 1.399598 | 1.8169% | 1910 |
| 0.701741 | 1.425028 | 1.8781% | 1909 | 0.688804 | 1.451791 | 2.0082% | 1908 |
| 0.675244 | 1.480946 | 1.9603% | 1907 | 0.662262 | 1.509977 | 1.8264% | 1906 |
| 0.650384 | 1.537554 | 1.9357% | 1905 | 0.638033 | 1.567316 | 2.0148% | 1904 |
| 0.625432 | 1.598895 | 2.1335% | 1903 | 0.612367 | 1.633008 | 1.8151% | 1902 |
| 0.601450 | 1.662649 | 1.8943% | 1901 | 0.590268 | 1.694146 | 3.0255% | 1900 |
| 0.572934 | 1.745402 | 0.6278% | 1899 | 0.569359 | 1.756360 | 1.7757% | 1898 |
| 0.559426 | 1.787547 | 1.8078% | 1897 | 0.549492 | 1.819862 | 1.8396% | 1896 |
| 0.539566 | 1.853340 | 1.8755% | 1895 | 0.529633 | 1.888100 | 1.9114% | 1894 |
| 0.519699 | 1.924189 | 1.9486% | 1893 | 0.509766 | 1.961684 | 1.9858% | 1892 |
| 0.499840 | 2.000640 | 2.0276% | 1891 | 0.489907 | 2.041205 | 2.6465% | 1890 |
| 0.477276 | 2.095226 | 1.5328% | 1889 | 0.470070 | 2.127342 | 2.0811% | 1888 |
| 0.460487 | 2.171615 | 2.1599% | 1887 | 0.450751 | 2.218518 | 2.2075% | 1886 |
| 0.441016 | 2.267493 | 2.2592% | 1885 | 0.431273 | 2.318719 | 2.3095% | 1884 |
| 0.421537 | 2.372271 | 2.3641% | 1883 | 0.411801 | 2.428355 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.402066 | 2.487155 | 2.4815% | 1881 | 0.392330 | 2.548873 | 3.7644% | 1880 |
| 0.378097 | 2.644822 | 0.9432% | 1879 | 0.374564 | 2.669769 | 2.1464% | 1878 |
| 0.366694 | 2.727073 | 2.1913% | 1877 | 0.358831 | 2.786831 | 2.2426% | 1876 |
| 0.350960 | 2.849329 | 2.2941% | 1875 | 0.343089 | 2.914694 | 2.3456% | 1874 |
| 0.335226 | 2.983061 | 2.4043% | 1873 | 0.327355 | 3.054783 | 2.4635% | 1872 |
| 0.319485 | 3.130039 | 2.5258% | 1871 | 0.311614 | 3.209097 | 5.9947% | 1870 |
| 0.293990 | 3.401472 | -1.0968% | 1869 | 0.297251 | 3.364165 | 2.1930% | 1868 |
| 0.290872 | 3.437940 | 2.2394% | 1867 | 0.284501 | 3.514929 | 2.2935% | 1866 |
| 0.278122 | 3.595544 | 2.3445% | 1865 | 0.271751 | 3.679841 | 2.4037% | 1864 |
| 0.265372 | 3.768293 | 2.4599% | 1863 | 0.259001 | 3.860989 | 2.5250% | 1862 |
| 0.252622 | 3.958479 | 2.5872% | 1861 | 0.246251 | 4.060895 | 2.9504% | 1860 |
| 0.239194 | 4.180707 | 2.4012% | 1859 | 0.233585 | 4.281096 | 2.7627% | 1858 |
| 0.227305 | 4.399370 | 2.8412% | 1857 | 0.221025 | 4.524365 | 2.9243% | 1856 |
| 0.214746 | 4.656671 | 3.0161% | 1855 | 0.208458 | 4.797123 | 3.1061% | 1854 |
| 0.202179 | 4.946124 | 3.2056% | 1853 | 0.195899 | 5.104678 | 3.3118% | 1852 |
| 0.189619 | 5.273734 | 3.4252% | 1851 | 0.183339 | 5.454372 | 4.0106% | 1850 |
| 0.176270 | 5.673125 | 2.3254% | 1849 | 0.172264 | 5.805046 | 2.7841% | 1848 |
| 0.167598 | 5.966664 | 2.8590% | 1847 | 0.162939 | 6.137251 | 2.9432% | 1846 |
| 0.158281 | 6.317880 | 3.0324% | 1845 | 0.153622 | 6.509464 | 3.1325% | 1844 |
| 0.148956 | 6.713373 | 3.2284% | 1843 | 0.144298 | 6.930105 | 3.3361% | 1842 |
| 0.139640 | 7.161297 | 3.4512% | 1841 | 0.134981 | 7.408448 | 3.8105% | 1840 |
| 0.130026 | 7.690746 | 2.3861% | 1839 | 0.126996 | 7.874251 | 2.5824% | 1838 |
| 0.123799 | 8.077595 | 2.6573% | 1837 | 0.120595 | 8.292243 | 2.7232% | 1836 |
| 0.117398 | 8.518057 | 2.7994% | 1835 | 0.114201 | 8.756515 | 2.8871% | 1834 |
| 0.110996 | 9.009327 | 2.9657% | 1833 | 0.107799 | 9.276515 | 3.0563% | 1832 |
| 0.104602 | 9.560035 | 3.1604% | 1831 | 0.101398 | 9.862173 | 3.4660% | 1830 |
| 0.098001 | 10.203992 | 2.4653% | 1829 | 0.095643 | 10.455551 | 2.6804% | 1828 |
| 0.093146 | 10.735801 | 10.3427% | 1827 | 0.084415 | 11.846168 | -4.2314% | 1826 |
| 0.088145 | 11.344905 | 2.9150% | 1825 | 0.085649 | 11.675613 | 3.0026% | 1824 |
| 0.083152 | 12.026181 | 3.0955% | 1823 | 0.080655 | 12.398452 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|-------------|----------|------------|------------|------|
| 0.078159 | 12.794507 | 3.3102% | 1821 | 0.075654 | 13.218030 | 3.2277% | 1820 |
| 0.073289 | 13.644673 | 2.6573% | 1819 | 0.071392 | 14.007250 | 2.6261% | 1818 |
| 0.069565 | 14.375096 | 2.6969% | 1817 | 0.067738 | 14.762782 | 2.7717% | 1816 |
| 0.065911 | 15.171960 | 2.8507% | 1815 | 0.064084 | 15.604466 | 2.9343% | 1814 |
| 0.062257 | 16.062355 | 3.0231% | 1813 | 0.060431 | 16.547928 | 3.1039% | 1812 |
| 0.058611 | 17.061558 | 3.2172% | 1811 | 0.056784 | 17.610456 | 3.0969% | 1810 |
| 0.055079 | 18.155837 | 2.9144% | 1809 | 0.053519 | 18.684967 | 2.8225% | 1808 |
| 0.052050 | 19.212343 | 2.9199% | 1807 | 0.050573 | 19.773329 | 2.9918% | 1806 |
| 0.049104 | 20.364905 | 3.0841% | 1805 | 0.047635 | 20.992969 | 3.1822% | 1804 |
| 0.046166 | 21.661006 | 3.2868% | 1803 | 0.044697 | 22.372956 | 3.3985% | 1802 |
| 0.043228 | 23.133298 | 3.5180% | 1801 | 0.041759 | 23.947138 | 3.3999% | 1800 |
| 0.040386 | 24.761328 | 2.8419% | 1799 | 0.039270 | 25.465013 | 2.7485% | 1798 |
| 0.038219 | 26.164907 | 2.8261% | 1797 | 0.037169 | 26.904362 | 3.7832% | 1796 |
| 0.035814 | 27.922210 | 2.1272% | 1795 | 0.035068 | 28.516171 | 3.0879% | 1794 |
| 0.034017 | 29.396733 | 3.1625% | 1793 | 0.032975 | 30.326408 | 3.2904% | 1792 |
| 0.031924 | 31.324273 | 3.4024% | 1791 | 0.030874 | 32.390039 | 3.2296% | 1790 |
| 0.029908 | 33.436096 | 41.3145% | 1780 | 0.021164 | 47.250036 | 29.4353% | 1770 |
| 0.016351 | 61.158233 | 83.4728% | 1750 | 0.008912 | 112.208746 | 29.2845% | 1740 |
| 0.006893 | 145.068463 | 94.2514% | 1720 | 0.003549 | 281.797512 | 85.8111% | |
| 1700 | 0.001910 | 523.611000 | 19.2490% | 1690 | 0.001602 | 624.401141 | |
| 88.0250% | 1670 | 0.000852 | 1174.030384 | | | | |

BASE YEAR: 1933

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.400611 | 0.416561 | 8.2857% | 2001 | 2.216924 | 0.451075 | 1.0000% |
| 2000 | 2.194974 | 0.455586 | 1.0000% | 1999 | 2.173242 | 0.460142 | 1.0000% |
| 1998 | 2.151725 | 0.464743 | 1.0000% | 1997 | 2.130421 | 0.469391 | 1.0000% |
| 1996 | 2.109327 | 0.474085 | 1.0000% | 1995 | 2.088443 | 0.478826 | 0.9992% |
| 1994 | 2.067781 | 0.483610 | 1.0008% | 1993 | 2.047292 | 0.488450 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.027022 | 0.493335 | 0.9295% | 1991 | 2.008354 | 0.497920 | 1.2505% | 1990 |
| 1.983550 | 0.504147 | 0.7224% | 1989 | 1.969322 | 0.507789 | 1.1077% | 1988 |
| 1.947748 | 0.513414 | 0.8834% | 1987 | 1.930693 | 0.517949 | 0.5594% | 1986 |
| 1.919953 | 0.520846 | 1.3056% | 1985 | 1.895209 | 0.527646 | 0.7673% | 1984 |
| 1.880778 | 0.531695 | 0.8149% | 1983 | 1.865575 | 0.536028 | 0.9737% | 1982 |
| 1.847584 | 0.541247 | 0.9508% | 1981 | 1.830182 | 0.546394 | 0.9031% | 1980 |
| 1.813802 | 0.551328 | 2.2701% | 1979 | 1.773542 | 0.563843 | 1.0042% | 1978 |
| 1.755909 | 0.569505 | 0.9896% | 1977 | 1.738703 | 0.575141 | 0.9103% | 1976 |
| 1.723018 | 0.580377 | 0.8394% | 1975 | 1.708674 | 0.585249 | 0.9042% | 1974 |
| 1.693364 | 0.590541 | 1.1568% | 1973 | 1.673999 | 0.597372 | 0.9427% | 1972 |
| 1.658365 | 0.603003 | 0.7426% | 1971 | 1.646141 | 0.607482 | 1.4697% | 1970 |
| 1.622297 | 0.616410 | 0.6968% | 1969 | 1.611071 | 0.620705 | 0.8565% | 1968 |
| 1.597389 | 0.626022 | 1.5090% | 1967 | 1.573642 | 0.635469 | 0.9949% | 1966 |
| 1.558140 | 0.641791 | 1.0575% | 1965 | 1.541835 | 0.648578 | 1.1300% | 1964 |
| 1.524607 | 0.655907 | 1.5537% | 1963 | 1.501282 | 0.666097 | 1.4658% | 1962 |
| 1.479594 | 0.675861 | 1.5364% | 1961 | 1.457205 | 0.686245 | 2.1586% | 1960 |
| 1.426414 | 0.701059 | -1.6655% | 1959 | 1.450573 | 0.689383 | 4.3080% | 1958 |
| 1.390663 | 0.719081 | 2.1130% | 1957 | 1.361887 | 0.734275 | 1.9895% | 1956 |
| 1.335321 | 0.748884 | 2.1231% | 1955 | 1.307560 | 0.764783 | 1.4496% | 1954 |
| 1.288877 | 0.775869 | 2.1573% | 1953 | 1.261659 | 0.792607 | 1.2298% | 1952 |
| 1.246333 | 0.802354 | 1.6814% | 1951 | 1.225724 | 0.815845 | 1.6233% | 1950 |
| 1.206145 | 0.829088 | 1.4265% | 1949 | 1.189180 | 0.840915 | 1.7790% | 1948 |
| 1.168394 | 0.855876 | 1.8242% | 1947 | 1.147463 | 0.871488 | -2.6320% | 1946 |
| 1.178481 | 0.848550 | 3.1768% | 1945 | 1.142195 | 0.875507 | 6.4754% | 1944 |
| 1.072732 | 0.932200 | -0.3437% | 1943 | 1.076431 | 0.928996 | 0.6562% | 1942 |
| 1.069413 | 0.935092 | 0.6633% | 1941 | 1.062367 | 0.941295 | -5.6614% | 1940 |
| 1.126121 | 0.888004 | 8.0381% | 1939 | 1.042337 | 0.959383 | 0.8126% | 1938 |
| 1.033935 | 0.967179 | 0.7762% | 1937 | 1.025971 | 0.974687 | 0.6029% | 1936 |
| 1.019823 | 0.980563 | 0.5244% | 1935 | 1.014503 | 0.985705 | -3.0364% | 1934 |
| 1.046271 | 0.955775 | 4.6271% | 1933 | 1.000000 | 1.000000 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.986270 | 1.013921 | -0.2051% | 1931 | 0.988297 | 1.011842 | 0.8886% | 1930 |
| 0.979592 | 1.020833 | 1.0126% | 1929 | 0.969772 | 1.031170 | 1.1526% | 1928 |
| 0.958722 | 1.043055 | 1.2160% | 1927 | 0.947204 | 1.055739 | 1.4086% | 1926 |
| 0.934047 | 1.070609 | 1.7667% | 1925 | 0.917832 | 1.089524 | 1.4465% | 1924 |
| 0.904745 | 1.105284 | 1.7700% | 1923 | 0.889010 | 1.124847 | 1.6165% | 1922 |
| 0.874867 | 1.143030 | 1.3736% | 1921 | 0.863013 | 1.158732 | 2.3393% | 1920 |
| 0.843286 | 1.185838 | 1.3140% | 1919 | 0.832348 | 1.201420 | 0.7676% | 1918 |
| 0.826008 | 1.210643 | 0.3870% | 1917 | 0.822823 | 1.215328 | 1.3274% | 1916 |
| 0.812044 | 1.231460 | 1.4083% | 1915 | 0.800767 | 1.248803 | 1.4458% | 1914 |
| 0.789354 | 1.266858 | 1.9424% | 1913 | 0.774314 | 1.291465 | 1.9857% | 1912 |
| 0.759238 | 1.317110 | 1.5634% | 1911 | 0.747551 | 1.337701 | 1.8169% | 1910 |
| 0.734211 | 1.362006 | 1.8781% | 1909 | 0.720676 | 1.387586 | 2.0082% | 1908 |
| 0.706488 | 1.415452 | 1.9603% | 1907 | 0.692906 | 1.443198 | 1.8264% | 1906 |
| 0.680478 | 1.469556 | 1.9357% | 1905 | 0.667556 | 1.498002 | 2.0148% | 1904 |
| 0.654371 | 1.528184 | 2.1335% | 1903 | 0.640702 | 1.560788 | 1.8151% | 1902 |
| 0.629280 | 1.589119 | 1.8943% | 1901 | 0.617580 | 1.619222 | 3.0255% | 1900 |
| 0.599444 | 1.668212 | 0.6278% | 1899 | 0.595704 | 1.678686 | 1.7757% | 1898 |
| 0.585311 | 1.708493 | 1.8078% | 1897 | 0.574918 | 1.739379 | 1.8396% | 1896 |
| 0.564533 | 1.771376 | 1.8755% | 1895 | 0.554140 | 1.804599 | 1.9114% | 1894 |
| 0.543747 | 1.839092 | 1.9486% | 1893 | 0.533354 | 1.874929 | 1.9858% | 1892 |
| 0.522968 | 1.912162 | 2.0276% | 1891 | 0.512575 | 1.950933 | 2.6465% | 1890 |
| 0.499360 | 2.002565 | 1.5328% | 1889 | 0.491821 | 2.033260 | 2.0811% | 1888 |
| 0.481794 | 2.075575 | 2.1599% | 1887 | 0.471608 | 2.120405 | 2.2075% | 1886 |
| 0.461422 | 2.167213 | 2.2592% | 1885 | 0.451228 | 2.216174 | 2.3095% | 1884 |
| 0.441042 | 2.267358 | 2.3641% | 1883 | 0.430856 | 2.320961 | 2.4214% | 1882 |
| 0.420670 | 2.377161 | 2.4815% | 1881 | 0.410484 | 2.436149 | 3.7644% | 1880 |
| 0.395592 | 2.527855 | 0.9432% | 1879 | 0.391896 | 2.551699 | 2.1464% | 1878 |
| 0.383661 | 2.606468 | 2.1913% | 1877 | 0.375434 | 2.663584 | 2.2426% | 1876 |
| 0.367199 | 2.723318 | 2.2941% | 1875 | 0.358964 | 2.785792 | 2.3456% | 1874 |
| 0.350737 | 2.851135 | 2.4043% | 1873 | 0.342503 | 2.919686 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.334268 | 2.991613 | 2.5258% | 1871 | 0.326033 | 3.067175 | 5.9947% | 1870 |
| 0.307594 | 3.251042 | -1.0968% | 1869 | 0.311005 | 3.215385 | 2.1930% | 1868 |
| 0.304331 | 3.285897 | 2.2394% | 1867 | 0.297665 | 3.359482 | 2.2935% | 1866 |
| 0.290991 | 3.436532 | 2.3445% | 1865 | 0.284325 | 3.517100 | 2.4037% | 1864 |
| 0.277651 | 3.601641 | 2.4599% | 1863 | 0.270985 | 3.690237 | 2.5250% | 1862 |
| 0.264311 | 3.783416 | 2.5872% | 1861 | 0.257646 | 3.881302 | 2.9504% | 1860 |
| 0.250262 | 3.995816 | 2.4012% | 1859 | 0.244393 | 4.091765 | 2.7627% | 1858 |
| 0.237823 | 4.204809 | 2.8412% | 1857 | 0.231253 | 4.324276 | 2.9243% | 1856 |
| 0.224682 | 4.450730 | 3.0161% | 1855 | 0.218104 | 4.584970 | 3.1061% | 1854 |
| 0.211534 | 4.727382 | 3.2056% | 1853 | 0.204963 | 4.878924 | 3.3118% | 1852 |
| 0.198393 | 5.040504 | 3.4252% | 1851 | 0.191822 | 5.213153 | 4.0106% | 1850 |
| 0.184426 | 5.422232 | 2.3254% | 1849 | 0.180235 | 5.548319 | 2.7841% | 1848 |
| 0.175353 | 5.702789 | 2.8590% | 1847 | 0.170479 | 5.865832 | 2.9432% | 1846 |
| 0.165605 | 6.038473 | 3.0324% | 1845 | 0.160731 | 6.221584 | 3.1325% | 1844 |
| 0.155849 | 6.416475 | 3.2284% | 1843 | 0.150975 | 6.623622 | 3.3361% | 1842 |
| 0.146101 | 6.844590 | 3.4512% | 1841 | 0.141227 | 7.080810 | 3.8105% | 1840 |
| 0.136043 | 7.350623 | 2.3861% | 1839 | 0.132872 | 7.526013 | 2.5824% | 1838 |
| 0.129528 | 7.720364 | 2.6573% | 1837 | 0.126175 | 7.925519 | 2.7232% | 1836 |
| 0.122830 | 8.141347 | 2.7994% | 1835 | 0.119485 | 8.369259 | 2.8871% | 1834 |
| 0.116132 | 8.610890 | 2.9657% | 1833 | 0.112787 | 8.866262 | 3.0563% | 1832 |
| 0.109442 | 9.137243 | 3.1604% | 1831 | 0.106089 | 9.426019 | 3.4660% | 1830 |
| 0.102535 | 9.752722 | 2.4653% | 1829 | 0.100068 | 9.993156 | 2.6804% | 1828 |
| 0.097456 | 10.261012 | 10.3427% | 1827 | 0.088321 | 11.322272 | -4.2314% | 1826 |
| 0.092224 | 10.843178 | 2.9150% | 1825 | 0.089612 | 11.159261 | 3.0026% | 1824 |
| 0.086999 | 11.494324 | 3.0955% | 1823 | 0.084387 | 11.850132 | 3.1944% | 1822 |
| 0.081775 | 12.228672 | 3.3102% | 1821 | 0.079155 | 12.633464 | 3.2277% | 1820 |
| 0.076680 | 13.041239 | 2.6573% | 1819 | 0.074695 | 13.387781 | 2.6261% | 1818 |
| 0.072784 | 13.739359 | 2.6969% | 1817 | 0.070872 | 14.109900 | 2.7717% | 1816 |
| 0.068961 | 14.500982 | 2.8507% | 1815 | 0.067049 | 14.914360 | 2.9343% | 1814 |
| 0.065138 | 15.351999 | 3.0231% | 1813 | 0.063227 | 15.816098 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.061323 | 16.307013 | 3.2172% | 1811 | 0.059412 | 16.831635 | 3.0969% | 1810 |
| 0.057627 | 17.352897 | 2.9144% | 1809 | 0.055995 | 17.858626 | 2.8225% | 1808 |
| 0.054458 | 18.362679 | 2.9199% | 1807 | 0.052913 | 18.898856 | 2.9918% | 1806 |
| 0.051376 | 19.464269 | 3.0841% | 1805 | 0.049839 | 20.064557 | 3.1822% | 1804 |
| 0.048302 | 20.703050 | 3.2868% | 1803 | 0.046765 | 21.383515 | 3.3985% | 1802 |
| 0.045228 | 22.110231 | 3.5180% | 1801 | 0.043691 | 22.888079 | 3.3999% | 1800 |
| 0.042254 | 23.666261 | 2.8419% | 1799 | 0.041087 | 24.338825 | 2.7485% | 1798 |
| 0.039988 | 25.007767 | 2.8261% | 1797 | 0.038889 | 25.714520 | 3.7832% | 1796 |
| 0.037471 | 26.687354 | 2.1272% | 1795 | 0.036690 | 27.255047 | 3.0879% | 1794 |
| 0.035591 | 28.096666 | 3.1625% | 1793 | 0.034500 | 28.985226 | 3.2904% | 1792 |
| 0.033401 | 29.938960 | 3.4024% | 1791 | 0.032302 | 30.957594 | 3.2296% | 1790 |
| 0.031292 | 31.957389 | 41.3145% | 1780 | 0.022143 | 45.160409 | 29.4353% | 1770 |
| 0.017108 | 58.453517 | 83.4728% | 1750 | 0.009324 | 107.246327 | 29.2845% | 1740 |
| 0.007212 | 138.652827 | 94.2514% | 1720 | 0.003713 | 269.335049 | 85.8111% | 1700 |
| 0.001998 | 500.454364 | 19.2490% | 1690 | 0.001676 | 596.787072 | 88.0250% | 1670 |
| 0.000891 | 1122.109026 | | | | | | |

BASE YEAR: 1932

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.434031 | 0.410841 | 8.2857% | 2001 | 2.247787 | 0.444882 | 1.0000% |
| 2000 | 2.225531 | 0.449331 | 1.0000% | 1999 | 2.203496 | 0.453824 | 1.0000% |
| 1998 | 2.181679 | 0.458363 | 1.0000% | 1997 | 2.160079 | 0.462946 | 1.0000% |
| 1996 | 2.138692 | 0.467576 | 1.0000% | 1995 | 2.117516 | 0.472251 | 0.9992% |
| 1994 | 2.096567 | 0.476970 | 1.0008% | 1993 | 2.075793 | 0.481744 | 1.0000% |
| 1992 | 2.055241 | 0.486561 | 0.9295% | 1991 | 2.036313 | 0.491084 | 1.2505% |
| 1990 | 2.011163 | 0.497225 | 0.7224% | 1989 | 1.996738 | 0.500817 | 1.1077% |
| 1988 | 1.974863 | 0.506364 | 0.8834% | 1987 | 1.957570 | 0.510837 | 0.5594% |
| 1986 | 1.946681 | 0.513695 | 1.3056% | 1985 | 1.921592 | 0.520402 | 0.7673% |
| 1984 | 1.906961 | 0.524395 | 0.8149% | 1983 | 1.891546 | 0.528668 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.873304 | 0.533816 | 0.9508% | 1981 | 1.855661 | 0.538892 | 0.9031% | 1980 |
| 1.839053 | 0.543758 | 2.2701% | 1979 | 1.798232 | 0.556102 | 1.0042% | 1978 |
| 1.780354 | 0.561686 | 0.9896% | 1977 | 1.762908 | 0.567245 | 0.9103% | 1976 |
| 1.747004 | 0.572408 | 0.8394% | 1975 | 1.732461 | 0.577213 | 0.9042% | 1974 |
| 1.716937 | 0.582432 | 1.1568% | 1973 | 1.697303 | 0.589170 | 0.9427% | 1972 |
| 1.681452 | 0.594724 | 0.7426% | 1971 | 1.669057 | 0.599141 | 1.4697% | 1970 |
| 1.644881 | 0.607947 | 0.6968% | 1969 | 1.633499 | 0.612183 | 0.8565% | 1968 |
| 1.619626 | 0.617426 | 1.5090% | 1967 | 1.595549 | 0.626744 | 0.9949% | 1966 |
| 1.579831 | 0.632979 | 1.0575% | 1965 | 1.563299 | 0.639673 | 1.1300% | 1964 |
| 1.545831 | 0.646901 | 1.5537% | 1963 | 1.522182 | 0.656952 | 1.4658% | 1962 |
| 1.500192 | 0.666581 | 1.5364% | 1961 | 1.477491 | 0.676823 | 2.1586% | 1960 |
| 1.446271 | 0.691433 | -1.6655% | 1959 | 1.470767 | 0.679917 | 4.3080% | 1958 |
| 1.410023 | 0.709208 | 2.1130% | 1957 | 1.380846 | 0.724194 | 1.9895% | 1956 |
| 1.353910 | 0.738601 | 2.1231% | 1955 | 1.325763 | 0.754283 | 1.4496% | 1954 |
| 1.306819 | 0.765217 | 2.1573% | 1953 | 1.279223 | 0.781724 | 1.2298% | 1952 |
| 1.263683 | 0.791338 | 1.6814% | 1951 | 1.242787 | 0.804643 | 1.6233% | 1950 |
| 1.222935 | 0.817705 | 1.4265% | 1949 | 1.205735 | 0.829369 | 1.7790% | 1948 |
| 1.184660 | 0.844124 | 1.8242% | 1947 | 1.163437 | 0.859522 | -2.6320% | 1946 |
| 1.194887 | 0.836900 | 3.1768% | 1945 | 1.158096 | 0.863486 | 6.4754% | 1944 |
| 1.087665 | 0.919400 | -0.3437% | 1943 | 1.091416 | 0.916241 | 0.6562% | 1942 |
| 1.084301 | 0.922253 | 0.6633% | 1941 | 1.077156 | 0.928371 | -5.6614% | 1940 |
| 1.141798 | 0.875812 | 8.0381% | 1939 | 1.056848 | 0.946210 | 0.8126% | 1938 |
| 1.048328 | 0.953899 | 0.7762% | 1937 | 1.040254 | 0.961304 | 0.6029% | 1936 |
| 1.034020 | 0.967100 | 0.5244% | 1935 | 1.028626 | 0.972171 | -3.0364% | 1934 |
| 1.060837 | 0.942652 | 4.6271% | 1933 | 1.013921 | 0.986270 | 1.3921% | 1932 |
| 1.000000 | 1.000000 | -0.2051% | 1931 | 1.002055 | 0.997949 | 0.8886% | 1930 |
| 0.993229 | 1.006817 | 1.0126% | 1929 | 0.983273 | 1.017012 | 1.1526% | 1928 |
| 0.972069 | 1.028734 | 1.2160% | 1927 | 0.960390 | 1.041243 | 1.4086% | 1926 |
| 0.947050 | 1.055910 | 1.7667% | 1925 | 0.930609 | 1.074565 | 1.4465% | 1924 |
| 0.917340 | 1.090108 | 1.7700% | 1923 | 0.901386 | 1.109403 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.887047 | 1.127337 | 1.3736% | 1921 | 0.875027 | 1.142822 | 2.3393% | 1920 |
| 0.855025 | 1.169556 | 1.3140% | 1919 | 0.843936 | 1.184924 | 0.7676% | 1918 |
| 0.837507 | 1.194020 | 0.3870% | 1917 | 0.834278 | 1.198641 | 1.3274% | 1916 |
| 0.823349 | 1.214552 | 1.4083% | 1915 | 0.811915 | 1.231657 | 1.4458% | 1914 |
| 0.800343 | 1.249464 | 1.9424% | 1913 | 0.785094 | 1.273733 | 1.9857% | 1912 |
| 0.769808 | 1.299026 | 1.5634% | 1911 | 0.757958 | 1.319335 | 1.8169% | 1910 |
| 0.744432 | 1.343306 | 1.8781% | 1909 | 0.730709 | 1.368534 | 2.0082% | 1908 |
| 0.716323 | 1.396017 | 1.9603% | 1907 | 0.702552 | 1.423383 | 1.8264% | 1906 |
| 0.689951 | 1.449379 | 1.9357% | 1905 | 0.676849 | 1.477434 | 2.0148% | 1904 |
| 0.663481 | 1.507202 | 2.1335% | 1903 | 0.649621 | 1.539358 | 1.8151% | 1902 |
| 0.638040 | 1.567300 | 1.8943% | 1901 | 0.626178 | 1.596990 | 3.0255% | 1900 |
| 0.607789 | 1.645307 | 0.6278% | 1899 | 0.603997 | 1.655637 | 1.7757% | 1898 |
| 0.593459 | 1.685036 | 1.8078% | 1897 | 0.582922 | 1.715497 | 1.8396% | 1896 |
| 0.572392 | 1.747055 | 1.8755% | 1895 | 0.561854 | 1.779822 | 1.9114% | 1894 |
| 0.551316 | 1.813841 | 1.9486% | 1893 | 0.540778 | 1.849186 | 1.9858% | 1892 |
| 0.530249 | 1.885907 | 2.0276% | 1891 | 0.519711 | 1.924147 | 2.6465% | 1890 |
| 0.506311 | 1.975069 | 1.5328% | 1889 | 0.498668 | 2.005344 | 2.0811% | 1888 |
| 0.488501 | 2.047077 | 2.1599% | 1887 | 0.478173 | 2.091291 | 2.2075% | 1886 |
| 0.467846 | 2.137457 | 2.2592% | 1885 | 0.457510 | 2.185746 | 2.3095% | 1884 |
| 0.447182 | 2.236227 | 2.3641% | 1883 | 0.436854 | 2.289094 | 2.4214% | 1882 |
| 0.426526 | 2.344522 | 2.4815% | 1881 | 0.416198 | 2.402701 | 3.7644% | 1880 |
| 0.401099 | 2.493148 | 0.9432% | 1879 | 0.397351 | 2.516664 | 2.1464% | 1878 |
| 0.389002 | 2.570681 | 2.1913% | 1877 | 0.380661 | 2.627013 | 2.2426% | 1876 |
| 0.372311 | 2.685926 | 2.2941% | 1875 | 0.363962 | 2.747543 | 2.3456% | 1874 |
| 0.355620 | 2.811989 | 2.4043% | 1873 | 0.347271 | 2.879598 | 2.4635% | 1872 |
| 0.338921 | 2.950538 | 2.5258% | 1871 | 0.330572 | 3.025062 | 5.9947% | 1870 |
| 0.311876 | 3.206405 | -1.0968% | 1869 | 0.315334 | 3.171238 | 2.1930% | 1868 |
| 0.308568 | 3.240782 | 2.2394% | 1867 | 0.301809 | 3.313356 | 2.2935% | 1866 |
| 0.295042 | 3.389348 | 2.3445% | 1865 | 0.288283 | 3.468810 | 2.4037% | 1864 |
| 0.281516 | 3.552190 | 2.4599% | 1863 | 0.274758 | 3.639570 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.267991 | 3.731469 | 2.5872% | 1861 | 0.261232 | 3.828011 | 2.9504% | 1860 |
| 0.253746 | 3.940953 | 2.4012% | 1859 | 0.247796 | 4.035585 | 2.7627% | 1858 |
| 0.241134 | 4.147077 | 2.8412% | 1857 | 0.234472 | 4.264903 | 2.9243% | 1856 |
| 0.227810 | 4.389621 | 3.0161% | 1855 | 0.221140 | 4.522019 | 3.1061% | 1854 |
| 0.214478 | 4.662475 | 3.2056% | 1853 | 0.207817 | 4.811937 | 3.3118% | 1852 |
| 0.201155 | 4.971298 | 3.4252% | 1851 | 0.194493 | 5.141576 | 4.0106% | 1850 |
| 0.186993 | 5.347784 | 2.3254% | 1849 | 0.182744 | 5.472140 | 2.7841% | 1848 |
| 0.177794 | 5.624489 | 2.8590% | 1847 | 0.172852 | 5.785294 | 2.9432% | 1846 |
| 0.167910 | 5.955564 | 3.0324% | 1845 | 0.162968 | 6.136161 | 3.1325% | 1844 |
| 0.158018 | 6.328377 | 3.2284% | 1843 | 0.153077 | 6.532679 | 3.3361% | 1842 |
| 0.148135 | 6.750613 | 3.4512% | 1841 | 0.143193 | 6.983590 | 3.8105% | 1840 |
| 0.137937 | 7.249699 | 2.3861% | 1839 | 0.134722 | 7.422680 | 2.5824% | 1838 |
| 0.131331 | 7.614363 | 2.6573% | 1837 | 0.127931 | 7.816701 | 2.7232% | 1836 |
| 0.124540 | 8.029566 | 2.7994% | 1835 | 0.121148 | 8.254349 | 2.8871% | 1834 |
| 0.117749 | 8.492662 | 2.9657% | 1833 | 0.114357 | 8.744528 | 3.0563% | 1832 |
| 0.110966 | 9.011789 | 3.1604% | 1831 | 0.107566 | 9.296599 | 3.4660% | 1830 |
| 0.103963 | 9.618816 | 2.4653% | 1829 | 0.101462 | 9.855949 | 2.6804% | 1828 |
| 0.098813 | 10.120127 | 10.3427% | 1827 | 0.089551 | 11.166817 | -4.2314% | 1826 |
| 0.093508 | 10.694301 | 2.9150% | 1825 | 0.090859 | 11.006043 | 3.0026% | 1824 |
| 0.088211 | 11.336507 | 3.0955% | 1823 | 0.085562 | 11.687429 | 3.1944% | 1822 |
| 0.082913 | 12.060771 | 3.3102% | 1821 | 0.080257 | 12.460006 | 3.2277% | 1820 |
| 0.077747 | 12.862183 | 2.6573% | 1819 | 0.075735 | 13.203966 | 2.6261% | 1818 |
| 0.073797 | 13.550717 | 2.6969% | 1817 | 0.071859 | 13.916170 | 2.7717% | 1816 |
| 0.069921 | 14.301882 | 2.8507% | 1815 | 0.067983 | 14.709585 | 2.9343% | 1814 |
| 0.066045 | 15.141215 | 3.0231% | 1813 | 0.064107 | 15.598942 | 3.1039% | 1812 |
| 0.062177 | 16.083117 | 3.2172% | 1811 | 0.060239 | 16.600536 | 3.0969% | 1810 |
| 0.058430 | 17.114641 | 2.9144% | 1809 | 0.056775 | 17.613426 | 2.8225% | 1808 |
| 0.055216 | 18.110559 | 2.9199% | 1807 | 0.053650 | 18.639374 | 2.9918% | 1806 |
| 0.052091 | 19.197024 | 3.0841% | 1805 | 0.050533 | 19.789070 | 3.1822% | 1804 |
| 0.048974 | 20.418796 | 3.2868% | 1803 | 0.047416 | 21.089918 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.045858 | 21.806656 | 3.5180% | 1801 | 0.044299 | 22.573824 | 3.3999% | 1800 |
| 0.042842 | 23.341322 | 2.8419% | 1799 | 0.041659 | 24.004652 | 2.7485% | 1798 |
| 0.040544 | 24.664409 | 2.8261% | 1797 | 0.039430 | 25.361458 | 3.7832% | 1796 |
| 0.037993 | 26.320935 | 2.1272% | 1795 | 0.037201 | 26.880834 | 3.0879% | 1794 |
| 0.036087 | 27.710897 | 3.1625% | 1793 | 0.034981 | 28.587258 | 3.2904% | 1792 |
| 0.033866 | 29.527897 | 3.4024% | 1791 | 0.032752 | 30.532544 | 3.2296% | 1790 |
| 0.031727 | 31.518612 | 41.3145% | 1780 | 0.022452 | 44.540354 | 29.4353% | 1770 |
| 0.017346 | 57.650947 | 83.4728% | 1750 | 0.009454 | 105.773830 | 29.2845% | 1740 |
| 0.007313 | 136.749117 | 94.2514% | 1720 | 0.003765 | 265.637066 | 85.8111% | 1700 |
| 0.002026 | 493.583101 | 19.2490% | 1690 | 0.001699 | 588.593156 | 88.0250% | 1670 |
| 0.000904 | 1106.702413 | | | | | | |

BASE YEAR: 1931

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.429039 | 0.411685 | 8.2857% | 2001 | 2.243177 | 0.445796 | 1.0000% |
| 2000 | 2.220967 | 0.450254 | 1.0000% | 1999 | 2.198977 | 0.454757 | 1.0000% |
| 1998 | 2.177205 | 0.459304 | 1.0000% | 1997 | 2.155649 | 0.463898 | 1.0000% |
| 1996 | 2.134305 | 0.468536 | 1.0000% | 1995 | 2.113174 | 0.473222 | 0.9992% |
| 1994 | 2.092267 | 0.477950 | 1.0008% | 1993 | 2.071536 | 0.482734 | 1.0000% |
| 1992 | 2.051026 | 0.487561 | 0.9295% | 1991 | 2.032137 | 0.492093 | 1.2505% |
| 1990 | 2.007038 | 0.498247 | 0.7224% | 1989 | 1.992643 | 0.501846 | 1.1077% |
| 1988 | 1.970813 | 0.507405 | 0.8834% | 1987 | 1.953556 | 0.511887 | 0.5594% |
| 1986 | 1.942689 | 0.514750 | 1.3056% | 1985 | 1.917651 | 0.521471 | 0.7673% |
| 1984 | 1.903050 | 0.525472 | 0.8149% | 1983 | 1.887666 | 0.529755 | 0.9737% |
| 1982 | 1.869462 | 0.534913 | 0.9508% | 1981 | 1.851855 | 0.539999 | 0.9031% |
| 1980 | 1.835281 | 0.544876 | 2.2701% | 1979 | 1.794544 | 0.557245 | 1.0042% |
| 1978 | 1.776702 | 0.562840 | 0.9896% | 1977 | 1.759292 | 0.568410 | 0.9103% |
| 1976 | 1.743421 | 0.573585 | 0.8394% | 1975 | 1.728908 | 0.578400 | 0.9042% |
| 1974 | 1.713416 | 0.583629 | 1.1568% | 1973 | 1.693822 | 0.590381 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.678003 | 0.595946 | 0.7426% | 1971 | 1.665634 | 0.600372 | 1.4697% | 1970 |
| 1.641508 | 0.609196 | 0.6968% | 1969 | 1.630149 | 0.613441 | 0.8565% | 1968 |
| 1.616305 | 0.618695 | 1.5090% | 1967 | 1.592276 | 0.628032 | 0.9949% | 1966 |
| 1.576591 | 0.634280 | 1.0575% | 1965 | 1.560093 | 0.640987 | 1.1300% | 1964 |
| 1.542661 | 0.648231 | 1.5537% | 1963 | 1.519060 | 0.658302 | 1.4658% | 1962 |
| 1.497115 | 0.667951 | 1.5364% | 1961 | 1.474461 | 0.678214 | 2.1586% | 1960 |
| 1.443305 | 0.692854 | -1.6655% | 1959 | 1.467750 | 0.681315 | 4.3080% | 1958 |
| 1.407131 | 0.710666 | 2.1130% | 1957 | 1.378014 | 0.725682 | 1.9895% | 1956 |
| 1.351134 | 0.740119 | 2.1231% | 1955 | 1.323044 | 0.755833 | 1.4496% | 1954 |
| 1.304139 | 0.766789 | 2.1573% | 1953 | 1.276600 | 0.783331 | 1.2298% | 1952 |
| 1.261091 | 0.792964 | 1.6814% | 1951 | 1.240238 | 0.806297 | 1.6233% | 1950 |
| 1.220427 | 0.819385 | 1.4265% | 1949 | 1.203262 | 0.831074 | 1.7790% | 1948 |
| 1.182230 | 0.845859 | 1.8242% | 1947 | 1.161051 | 0.861289 | -2.6320% | 1946 |
| 1.192436 | 0.838619 | 3.1768% | 1945 | 1.155721 | 0.865261 | 6.4754% | 1944 |
| 1.085435 | 0.921290 | -0.3437% | 1943 | 1.089178 | 0.918124 | 0.6562% | 1942 |
| 1.082077 | 0.924149 | 0.6633% | 1941 | 1.074947 | 0.930278 | -5.6614% | 1940 |
| 1.139456 | 0.877611 | 8.0381% | 1939 | 1.054680 | 0.948155 | 0.8126% | 1938 |
| 1.046179 | 0.955860 | 0.7762% | 1937 | 1.038120 | 0.963280 | 0.6029% | 1936 |
| 1.031899 | 0.969087 | 0.5244% | 1935 | 1.026516 | 0.974169 | -3.0364% | 1934 |
| 1.058661 | 0.944589 | 4.6271% | 1933 | 1.011842 | 0.988297 | 1.3921% | 1932 |
| 0.997949 | 1.002055 | -0.2051% | 1931 | 1.000000 | 1.000000 | 0.8886% | 1930 |
| 0.991192 | 1.008886 | 1.0126% | 1929 | 0.981256 | 1.019102 | 1.1526% | 1928 |
| 0.970075 | 1.030848 | 1.2160% | 1927 | 0.958421 | 1.043383 | 1.4086% | 1926 |
| 0.945108 | 1.058080 | 1.7667% | 1925 | 0.928701 | 1.076773 | 1.4465% | 1924 |
| 0.915459 | 1.092348 | 1.7700% | 1923 | 0.899537 | 1.111683 | 1.6165% | 1922 |
| 0.885227 | 1.129653 | 1.3736% | 1921 | 0.873232 | 1.145171 | 2.3393% | 1920 |
| 0.853272 | 1.171960 | 1.3140% | 1919 | 0.842205 | 1.187359 | 0.7676% | 1918 |
| 0.835789 | 1.196474 | 0.3870% | 1917 | 0.832567 | 1.201104 | 1.3274% | 1916 |
| 0.821660 | 1.217048 | 1.4083% | 1915 | 0.810249 | 1.234188 | 1.4458% | 1914 |
| 0.798702 | 1.252032 | 1.9424% | 1913 | 0.783484 | 1.276351 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.768229 | 1.301695 | 1.5634% | 1911 | 0.756403 | 1.322046 | 1.8169% | 1910 |
| 0.742905 | 1.346066 | 1.8781% | 1909 | 0.729210 | 1.371346 | 2.0082% | 1908 |
| 0.714854 | 1.398886 | 1.9603% | 1907 | 0.701111 | 1.426308 | 1.8264% | 1906 |
| 0.688536 | 1.452357 | 1.9357% | 1905 | 0.675461 | 1.480470 | 2.0148% | 1904 |
| 0.662120 | 1.510299 | 2.1335% | 1903 | 0.648289 | 1.542522 | 1.8151% | 1902 |
| 0.636731 | 1.570521 | 1.8943% | 1901 | 0.624894 | 1.600272 | 3.0255% | 1900 |
| 0.606543 | 1.648688 | 0.6278% | 1899 | 0.602758 | 1.659040 | 1.7757% | 1898 |
| 0.592242 | 1.688498 | 1.8078% | 1897 | 0.581726 | 1.719022 | 1.8396% | 1896 |
| 0.571218 | 1.750645 | 1.8755% | 1895 | 0.560702 | 1.783479 | 1.9114% | 1894 |
| 0.550186 | 1.817569 | 1.9486% | 1893 | 0.539669 | 1.852986 | 1.9858% | 1892 |
| 0.529161 | 1.889783 | 2.0276% | 1891 | 0.518645 | 1.928101 | 2.6465% | 1890 |
| 0.505273 | 1.979128 | 1.5328% | 1889 | 0.497645 | 2.009465 | 2.0811% | 1888 |
| 0.487499 | 2.051284 | 2.1599% | 1887 | 0.477193 | 2.095589 | 2.2075% | 1886 |
| 0.466886 | 2.141850 | 2.2592% | 1885 | 0.456571 | 2.190238 | 2.3095% | 1884 |
| 0.446265 | 2.240822 | 2.3641% | 1883 | 0.435958 | 2.293799 | 2.4214% | 1882 |
| 0.425651 | 2.349340 | 2.4815% | 1881 | 0.415345 | 2.407638 | 3.7644% | 1880 |
| 0.400277 | 2.498271 | 0.9432% | 1879 | 0.396537 | 2.521836 | 2.1464% | 1878 |
| 0.388204 | 2.575964 | 2.1913% | 1877 | 0.379880 | 2.632411 | 2.2426% | 1876 |
| 0.371547 | 2.691446 | 2.2941% | 1875 | 0.363215 | 2.753189 | 2.3456% | 1874 |
| 0.354891 | 2.817768 | 2.4043% | 1873 | 0.346558 | 2.885516 | 2.4635% | 1872 |
| 0.338226 | 2.956602 | 2.5258% | 1871 | 0.329894 | 3.031279 | 5.9947% | 1870 |
| 0.311236 | 3.212994 | -1.0968% | 1869 | 0.314688 | 3.177755 | 2.1930% | 1868 |
| 0.307935 | 3.247442 | 2.2394% | 1867 | 0.301190 | 3.320165 | 2.2935% | 1866 |
| 0.294437 | 3.396313 | 2.3445% | 1865 | 0.287692 | 3.475939 | 2.4037% | 1864 |
| 0.280939 | 3.559490 | 2.4599% | 1863 | 0.274194 | 3.647049 | 2.5250% | 1862 |
| 0.267441 | 3.739138 | 2.5872% | 1861 | 0.260696 | 3.835878 | 2.9504% | 1860 |
| 0.253225 | 3.949052 | 2.4012% | 1859 | 0.247287 | 4.043879 | 2.7627% | 1858 |
| 0.240639 | 4.155599 | 2.8412% | 1857 | 0.233991 | 4.273668 | 2.9243% | 1856 |
| 0.227343 | 4.398642 | 3.0161% | 1855 | 0.220687 | 4.531312 | 3.1061% | 1854 |
| 0.214038 | 4.672057 | 3.2056% | 1853 | 0.207390 | 4.821825 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.200742 | 4.981514 | 3.4252% | 1851 | 0.194094 | 5.152142 | 4.0106% | 1850 |
| 0.186610 | 5.358774 | 2.3254% | 1849 | 0.182369 | 5.483386 | 2.7841% | 1848 |
| 0.177429 | 5.636048 | 2.8590% | 1847 | 0.172498 | 5.797183 | 2.9432% | 1846 |
| 0.167566 | 5.967803 | 3.0324% | 1845 | 0.162634 | 6.148771 | 3.1325% | 1844 |
| 0.157694 | 6.341382 | 3.2284% | 1843 | 0.152763 | 6.546104 | 3.3361% | 1842 |
| 0.147831 | 6.764486 | 3.4512% | 1841 | 0.142899 | 6.997942 | 3.8105% | 1840 |
| 0.137654 | 7.264597 | 2.3861% | 1839 | 0.134446 | 7.437935 | 2.5824% | 1838 |
| 0.131061 | 7.630011 | 2.6573% | 1837 | 0.127669 | 7.832765 | 2.7232% | 1836 |
| 0.124284 | 8.046068 | 2.7994% | 1835 | 0.120900 | 8.271312 | 2.8871% | 1834 |
| 0.117507 | 8.510115 | 2.9657% | 1833 | 0.114123 | 8.762498 | 3.0563% | 1832 |
| 0.110738 | 9.030309 | 3.1604% | 1831 | 0.107346 | 9.315705 | 3.4660% | 1830 |
| 0.103750 | 9.638584 | 2.4653% | 1829 | 0.101253 | 9.876204 | 2.6804% | 1828 |
| 0.098610 | 10.140925 | 10.3427% | 1827 | 0.089367 | 11.189766 | -4.2314% | 1826 |
| 0.093316 | 10.716278 | 2.9150% | 1825 | 0.090673 | 11.028662 | 3.0026% | 1824 |
| 0.088030 | 11.359804 | 3.0955% | 1823 | 0.085387 | 11.711448 | 3.1944% | 1822 |
| 0.082743 | 12.085557 | 3.3102% | 1821 | 0.080092 | 12.485612 | 3.2277% | 1820 |
| 0.077588 | 12.888615 | 2.6573% | 1819 | 0.075579 | 13.231101 | 2.6261% | 1818 |
| 0.073645 | 13.578564 | 2.6969% | 1817 | 0.071711 | 13.944769 | 2.7717% | 1816 |
| 0.069777 | 14.331274 | 2.8507% | 1815 | 0.067843 | 14.739815 | 2.9343% | 1814 |
| 0.065909 | 15.172332 | 3.0231% | 1813 | 0.063975 | 15.630999 | 3.1039% | 1812 |
| 0.062049 | 16.116169 | 3.2172% | 1811 | 0.060115 | 16.634651 | 3.0969% | 1810 |
| 0.058310 | 17.149813 | 2.9144% | 1809 | 0.056658 | 17.649623 | 2.8225% | 1808 |
| 0.055103 | 18.147777 | 2.9199% | 1807 | 0.053540 | 18.677679 | 2.9918% | 1806 |
| 0.051985 | 19.236475 | 3.0841% | 1805 | 0.050429 | 19.829738 | 3.1822% | 1804 |
| 0.048874 | 20.460758 | 3.2868% | 1803 | 0.047319 | 21.133260 | 3.3985% | 1802 |
| 0.045764 | 21.851470 | 3.5180% | 1801 | 0.044208 | 22.620215 | 3.3999% | 1800 |
| 0.042755 | 23.389290 | 2.8419% | 1799 | 0.041573 | 24.053983 | 2.7485% | 1798 |
| 0.040461 | 24.715097 | 2.8261% | 1797 | 0.039349 | 25.413578 | 3.7832% | 1796 |
| 0.037915 | 26.375027 | 2.1272% | 1795 | 0.037125 | 26.936076 | 3.0879% | 1794 |
| 0.036013 | 27.767845 | 3.1625% | 1793 | 0.034909 | 28.646006 | 3.2904% | 1792 |

0.033797 29.588579 3.4024% 1791 0.032685 30.595291 3.2296% 1790
0.031662 31.583385 41.3145% 1780 0.022406 44.631887 29.4353% 1770
0.017310 57.769424 83.4728% 1750 0.009435 105.991203 29.2845% 1740
0.007298 137.030146 94.2514% 1720 0.003757 266.182969 85.8111%
1700 0.002022 494.597449 19.2490% 1690 0.001695 589.802757
88.0250% 1670 0.000902 1108.976765

BASE YEAR: 1930

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 2.450623 0.408059 8.2857% 2001 2.263110 0.441870 1.0000%
2000 2.240702 0.446289 1.0000% 1999 2.218517 0.450752 1.0000% 1998
2.196552 0.455259 1.0000% 1997 2.174804 0.459812 1.0000% 1996
2.153271 0.464410 1.0000% 1995 2.131951 0.469054 0.9992% 1994
2.110859 0.473741 1.0008% 1993 2.089944 0.478482 1.0000% 1992
2.069251 0.483267 0.9295% 1991 2.050194 0.487759 1.2505% 1990
2.024873 0.493858 0.7224% 1989 2.010349 0.497426 1.1077% 1988
1.988325 0.502936 0.8834% 1987 1.970915 0.507379 0.5594% 1986
1.959952 0.510217 1.3056% 1985 1.934692 0.516878 0.7673% 1984
1.919960 0.520844 0.8149% 1983 1.904440 0.525089 0.9737% 1982
1.886074 0.530202 0.9508% 1981 1.868310 0.535243 0.9031% 1980
1.851589 0.540077 2.2701% 1979 1.810490 0.552337 1.0042% 1978
1.792490 0.557883 0.9896% 1977 1.774925 0.563404 0.9103% 1976
1.758913 0.568533 0.8394% 1975 1.744271 0.573305 0.9042% 1974
1.728641 0.578489 1.1568% 1973 1.708873 0.585181 0.9427% 1972
1.692914 0.590697 0.7426% 1971 1.680435 0.595084 1.4697% 1970
1.656094 0.603830 0.6968% 1969 1.644634 0.608038 0.8565% 1968
1.630667 0.613246 1.5090% 1967 1.606425 0.622500 0.9949% 1966
1.590600 0.628693 1.0575% 1965 1.573956 0.635342 1.1300% 1964
1.556369 0.642521 1.5537% 1963 1.532558 0.652504 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.510418 | 0.662068 | 1.5364% | 1961 | 1.487563 | 0.672240 | 2.1586% | 1960 |
| 1.456130 | 0.686752 | -1.6655% | 1959 | 1.480793 | 0.675314 | 4.3080% | 1958 |
| 1.419635 | 0.704406 | 2.1130% | 1957 | 1.390259 | 0.719290 | 1.9895% | 1956 |
| 1.363140 | 0.733600 | 2.1231% | 1955 | 1.334801 | 0.749176 | 1.4496% | 1954 |
| 1.315728 | 0.760036 | 2.1573% | 1953 | 1.287944 | 0.776432 | 1.2298% | 1952 |
| 1.272297 | 0.785980 | 1.6814% | 1951 | 1.251259 | 0.799195 | 1.6233% | 1950 |
| 1.231272 | 0.812168 | 1.4265% | 1949 | 1.213955 | 0.823754 | 1.7790% | 1948 |
| 1.192735 | 0.838409 | 1.8242% | 1947 | 1.171368 | 0.853703 | -2.6320% | 1946 |
| 1.203032 | 0.831233 | 3.1768% | 1945 | 1.165991 | 0.857640 | 6.4754% | 1944 |
| 1.095080 | 0.913175 | -0.3437% | 1943 | 1.098856 | 0.910037 | 0.6562% | 1942 |
| 1.091692 | 0.916009 | 0.6633% | 1941 | 1.084499 | 0.922085 | -5.6614% | 1940 |
| 1.149582 | 0.869882 | 8.0381% | 1939 | 1.064052 | 0.939804 | 0.8126% | 1938 |
| 1.055475 | 0.947441 | 0.7762% | 1937 | 1.047345 | 0.954795 | 0.6029% | 1936 |
| 1.041069 | 0.960552 | 0.5244% | 1935 | 1.035638 | 0.965589 | -3.0364% | 1934 |
| 1.068068 | 0.936270 | 4.6271% | 1933 | 1.020833 | 0.979592 | 1.3921% | 1932 |
| 1.006817 | 0.993229 | -0.2051% | 1931 | 1.008886 | 0.991192 | 0.8886% | 1930 |
| 1.000000 | 1.000000 | 1.0126% | 1929 | 0.989976 | 1.010126 | 1.1526% | 1928 |
| 0.978695 | 1.021768 | 1.2160% | 1927 | 0.966937 | 1.034193 | 1.4086% | 1926 |
| 0.953506 | 1.048761 | 1.7667% | 1925 | 0.936953 | 1.067289 | 1.4465% | 1924 |
| 0.923594 | 1.082727 | 1.7700% | 1923 | 0.907531 | 1.101891 | 1.6165% | 1922 |
| 0.893093 | 1.119704 | 1.3736% | 1921 | 0.880992 | 1.135084 | 2.3393% | 1920 |
| 0.860854 | 1.161638 | 1.3140% | 1919 | 0.849689 | 1.176902 | 0.7676% | 1918 |
| 0.843216 | 1.185936 | 0.3870% | 1917 | 0.839965 | 1.190525 | 1.3274% | 1916 |
| 0.828961 | 1.206329 | 1.4083% | 1915 | 0.817449 | 1.223317 | 1.4458% | 1914 |
| 0.805799 | 1.241004 | 1.9424% | 1913 | 0.790446 | 1.265109 | 1.9857% | 1912 |
| 0.775056 | 1.290230 | 1.5634% | 1911 | 0.763125 | 1.310402 | 1.8169% | 1910 |
| 0.749507 | 1.334211 | 1.8781% | 1909 | 0.735690 | 1.359268 | 2.0082% | 1908 |
| 0.721207 | 1.386565 | 1.9603% | 1907 | 0.707341 | 1.413745 | 1.8264% | 1906 |
| 0.694654 | 1.439565 | 1.9357% | 1905 | 0.681463 | 1.467431 | 2.0148% | 1904 |
| 0.668004 | 1.496997 | 2.1335% | 1903 | 0.654050 | 1.528936 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.642389 | 1.556688 | 1.8943% | 1901 | 0.630446 | 1.586177 | 3.0255% | 1900 |
| 0.611932 | 1.634167 | 0.6278% | 1899 | 0.608114 | 1.644427 | 1.7757% | 1898 |
| 0.597505 | 1.673627 | 1.8078% | 1897 | 0.586895 | 1.703882 | 1.8396% | 1896 |
| 0.576294 | 1.735226 | 1.8755% | 1895 | 0.565684 | 1.767771 | 1.9114% | 1894 |
| 0.555074 | 1.801560 | 1.9486% | 1893 | 0.544465 | 1.836666 | 1.9858% | 1892 |
| 0.533863 | 1.873138 | 2.0276% | 1891 | 0.523254 | 1.911119 | 2.6465% | 1890 |
| 0.509763 | 1.961697 | 1.5328% | 1889 | 0.502067 | 1.991766 | 2.0811% | 1888 |
| 0.491831 | 2.033217 | 2.1599% | 1887 | 0.481433 | 2.077132 | 2.2075% | 1886 |
| 0.471035 | 2.122985 | 2.2592% | 1885 | 0.460628 | 2.170947 | 2.3095% | 1884 |
| 0.450230 | 2.221086 | 2.3641% | 1883 | 0.439832 | 2.273595 | 2.4214% | 1882 |
| 0.429434 | 2.328648 | 2.4815% | 1881 | 0.419036 | 2.386433 | 3.7644% | 1880 |
| 0.403834 | 2.476267 | 0.9432% | 1879 | 0.400060 | 2.499624 | 2.1464% | 1878 |
| 0.391654 | 2.553276 | 2.1913% | 1877 | 0.383255 | 2.609226 | 2.2426% | 1876 |
| 0.374849 | 2.667740 | 2.2941% | 1875 | 0.366443 | 2.728940 | 2.3456% | 1874 |
| 0.358044 | 2.792950 | 2.4043% | 1873 | 0.349638 | 2.860101 | 2.4635% | 1872 |
| 0.341232 | 2.930561 | 2.5258% | 1871 | 0.332825 | 3.004580 | 5.9947% | 1870 |
| 0.314002 | 3.184695 | -1.0968% | 1869 | 0.317484 | 3.149766 | 2.1930% | 1868 |
| 0.310671 | 3.218839 | 2.2394% | 1867 | 0.303866 | 3.290922 | 2.2935% | 1866 |
| 0.297053 | 3.366400 | 2.3445% | 1865 | 0.290248 | 3.445324 | 2.4037% | 1864 |
| 0.283436 | 3.528139 | 2.4599% | 1863 | 0.276631 | 3.614927 | 2.5250% | 1862 |
| 0.269818 | 3.706204 | 2.5872% | 1861 | 0.263013 | 3.802093 | 2.9504% | 1860 |
| 0.255475 | 3.914270 | 2.4012% | 1859 | 0.249485 | 4.008261 | 2.7627% | 1858 |
| 0.242778 | 4.118998 | 2.8412% | 1857 | 0.236070 | 4.236027 | 2.9243% | 1856 |
| 0.229363 | 4.359900 | 3.0161% | 1855 | 0.222648 | 4.491401 | 3.1061% | 1854 |
| 0.215940 | 4.630907 | 3.2056% | 1853 | 0.209233 | 4.779356 | 3.3118% | 1852 |
| 0.202526 | 4.937638 | 3.4252% | 1851 | 0.195819 | 5.106764 | 4.0106% | 1850 |
| 0.188268 | 5.311576 | 2.3254% | 1849 | 0.183990 | 5.435090 | 2.7841% | 1848 |
| 0.179006 | 5.586407 | 2.8590% | 1847 | 0.174030 | 5.746123 | 2.9432% | 1846 |
| 0.169055 | 5.915241 | 3.0324% | 1845 | 0.164079 | 6.094615 | 3.1325% | 1844 |
| 0.159096 | 6.285529 | 3.2284% | 1843 | 0.154120 | 6.488448 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.149145 | 6.704907 | 3.4512% | 1841 | 0.144169 | 6.936306 | 3.8105% | 1840 |
| 0.138877 | 7.200613 | 2.3861% | 1839 | 0.135641 | 7.372423 | 2.5824% | 1838 |
| 0.132226 | 7.562808 | 2.6573% | 1837 | 0.128803 | 7.763776 | 2.7232% | 1836 |
| 0.125389 | 7.975200 | 2.7994% | 1835 | 0.121974 | 8.198461 | 2.8871% | 1834 |
| 0.118551 | 8.435161 | 2.9657% | 1833 | 0.115137 | 8.685321 | 3.0563% | 1832 |
| 0.111722 | 8.950772 | 3.1604% | 1831 | 0.108299 | 9.233654 | 3.4660% | 1830 |
| 0.104672 | 9.553690 | 2.4653% | 1829 | 0.102153 | 9.789217 | 2.6804% | 1828 |
| 0.099487 | 10.051607 | 10.3427% | 1827 | 0.090161 | 11.091209 | -4.2314% | 1826 |
| 0.094145 | 10.621892 | 2.9150% | 1825 | 0.091479 | 10.931524 | 3.0026% | 1824 |
| 0.088812 | 11.259750 | 3.0955% | 1823 | 0.086145 | 11.608297 | 3.1944% | 1822 |
| 0.083479 | 11.979111 | 3.3102% | 1821 | 0.080804 | 12.375643 | 3.2277% | 1820 |
| 0.078277 | 12.775096 | 2.6573% | 1819 | 0.076251 | 13.114566 | 2.6261% | 1818 |
| 0.074300 | 13.458968 | 2.6969% | 1817 | 0.072349 | 13.821948 | 2.7717% | 1816 |
| 0.070398 | 14.205048 | 2.8507% | 1815 | 0.068446 | 14.609991 | 2.9343% | 1814 |
| 0.066495 | 15.038698 | 3.0231% | 1813 | 0.064544 | 15.493325 | 3.1039% | 1812 |
| 0.062601 | 15.974222 | 3.2172% | 1811 | 0.060650 | 16.488138 | 3.0969% | 1810 |
| 0.058828 | 16.998762 | 2.9144% | 1809 | 0.057162 | 17.494170 | 2.8225% | 1808 |
| 0.055593 | 17.987937 | 2.9199% | 1807 | 0.054016 | 18.513171 | 2.9918% | 1806 |
| 0.052447 | 19.067046 | 3.0841% | 1805 | 0.050877 | 19.655083 | 3.1822% | 1804 |
| 0.049308 | 20.280546 | 3.2868% | 1803 | 0.047739 | 20.947124 | 3.3985% | 1802 |
| 0.046170 | 21.659009 | 3.5180% | 1801 | 0.044601 | 22.420983 | 3.3999% | 1800 |
| 0.043135 | 23.183284 | 2.8419% | 1799 | 0.041943 | 23.842123 | 2.7485% | 1798 |
| 0.040821 | 24.497413 | 2.8261% | 1797 | 0.039699 | 25.189742 | 3.7832% | 1796 |
| 0.038252 | 26.142723 | 2.1272% | 1795 | 0.037455 | 26.698830 | 3.0879% | 1794 |
| 0.036333 | 27.523274 | 3.1625% | 1793 | 0.035219 | 28.393701 | 3.2904% | 1792 |
| 0.034097 | 29.327971 | 3.4024% | 1791 | 0.032975 | 30.325816 | 3.2296% | 1790 |
| 0.031944 | 31.305208 | 41.3145% | 1780 | 0.022605 | 44.238783 | 29.4353% | 1770 |
| 0.017464 | 57.260608 | 83.4728% | 1750 | 0.009519 | 105.057662 | 29.2845% | 1740 |
| 0.007363 | 135.823223 | 94.2514% | 1720 | 0.003790 | 263.838505 | 85.8111% | |

1700 0.002040 490.241176 19.2490% 1690 0.001711 584.607942
 88.0250% 1670 0.000910 1099.209214

BASE YEAR: 1929

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 2.475438 | 0.403969 | 8.2857% | 2001 | 2.286026 | 0.437440 | 1.0000% |
| 2000 | 2.263391 | 0.441815 | 1.0000% | 1999 | 2.240982 | 0.446233 | 1.0000% |
| 1998 | 2.218794 | 0.450695 | 1.0000% | 1997 | 2.196825 | 0.455202 | 1.0000% |
| 1996 | 2.175075 | 0.459754 | 1.0000% | 1995 | 2.153539 | 0.464352 | 0.9992% |
| 1994 | 2.132233 | 0.468992 | 1.0008% | 1993 | 2.111106 | 0.473685 | 1.0000% |
| 1992 | 2.090204 | 0.478422 | 0.9295% | 1991 | 2.070954 | 0.482869 | 1.2505% |
| 1990 | 2.045377 | 0.488908 | 0.7224% | 1989 | 2.030706 | 0.492440 | 1.1077% |
| 1988 | 2.008459 | 0.497894 | 0.8834% | 1987 | 1.990872 | 0.502292 | 0.5594% |
| 1986 | 1.979798 | 0.505102 | 1.3056% | 1985 | 1.954282 | 0.511697 | 0.7673% |
| 1984 | 1.939401 | 0.515623 | 0.8149% | 1983 | 1.923724 | 0.519825 | 0.9737% |
| 1982 | 1.905173 | 0.524887 | 0.9508% | 1981 | 1.887229 | 0.529878 | 0.9031% |
| 1980 | 1.870338 | 0.534663 | 2.2701% | 1979 | 1.828823 | 0.546800 | 1.0042% |
| 1978 | 1.810641 | 0.552291 | 0.9896% | 1977 | 1.792898 | 0.557756 | 0.9103% |
| 1976 | 1.776724 | 0.562834 | 0.8394% | 1975 | 1.761934 | 0.567558 | 0.9042% |
| 1974 | 1.746145 | 0.572690 | 1.1568% | 1973 | 1.726177 | 0.579315 | 0.9427% |
| 1972 | 1.710056 | 0.584776 | 0.7426% | 1971 | 1.697450 | 0.589119 | 1.4697% |
| 1970 | 1.672864 | 0.597777 | 0.6968% | 1969 | 1.661288 | 0.601943 | 0.8565% |
| 1968 | 1.647179 | 0.607099 | 1.5090% | 1967 | 1.622692 | 0.616260 | 0.9949% |
| 1966 | 1.606707 | 0.622391 | 1.0575% | 1965 | 1.589894 | 0.628973 | 1.1300% |
| 1964 | 1.572129 | 0.636080 | 1.5537% | 1963 | 1.548077 | 0.645963 | 1.4658% |
| 1962 | 1.525713 | 0.655431 | 1.5364% | 1961 | 1.502626 | 0.665502 | 2.1586% |
| 1960 | 1.470875 | 0.679867 | -1.6655% | 1959 | 1.495787 | 0.668544 | 4.3080% |
| 1958 | 1.434010 | 0.697345 | 2.1130% | 1957 | 1.404337 | 0.712080 | 1.9895% |
| 1956 | 1.376943 | 0.726247 | 2.1231% | 1955 | 1.348317 | 0.741666 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.329051 | 0.752417 | 2.1573% | 1953 | 1.300985 | 0.768648 | 1.2298% | 1952 |
| 1.285180 | 0.778101 | 1.6814% | 1951 | 1.263929 | 0.791184 | 1.6233% | 1950 |
| 1.243740 | 0.804027 | 1.4265% | 1949 | 1.226247 | 0.815496 | 1.7790% | 1948 |
| 1.204813 | 0.830004 | 1.8242% | 1947 | 1.183229 | 0.845145 | -2.6320% | 1946 |
| 1.215214 | 0.822901 | 3.1768% | 1945 | 1.177797 | 0.849042 | 6.4754% | 1944 |
| 1.106168 | 0.904021 | -0.3437% | 1943 | 1.109983 | 0.900915 | 0.6562% | 1942 |
| 1.102747 | 0.906827 | 0.6633% | 1941 | 1.095480 | 0.912842 | -5.6614% | 1940 |
| 1.161222 | 0.861162 | 8.0381% | 1939 | 1.074826 | 0.930383 | 0.8126% | 1938 |
| 1.066162 | 0.937943 | 0.7762% | 1937 | 1.057950 | 0.945224 | 0.6029% | 1936 |
| 1.051610 | 0.950923 | 0.5244% | 1935 | 1.046124 | 0.955909 | -3.0364% | 1934 |
| 1.078883 | 0.926884 | 4.6271% | 1933 | 1.031170 | 0.969772 | 1.3921% | 1932 |
| 1.017012 | 0.983273 | -0.2051% | 1931 | 1.019102 | 0.981256 | 0.8886% | 1930 |
| 1.010126 | 0.989976 | 1.0126% | 1929 | 1.000000 | 1.000000 | 1.1526% | 1928 |
| 0.988605 | 1.011526 | 1.2160% | 1927 | 0.976728 | 1.023826 | 1.4086% | 1926 |
| 0.963161 | 1.038248 | 1.7667% | 1925 | 0.946441 | 1.056590 | 1.4465% | 1924 |
| 0.932946 | 1.071874 | 1.7700% | 1923 | 0.916720 | 1.090846 | 1.6165% | 1922 |
| 0.902137 | 1.108479 | 1.3736% | 1921 | 0.889913 | 1.123706 | 2.3393% | 1920 |
| 0.869571 | 1.149993 | 1.3140% | 1919 | 0.858293 | 1.165104 | 0.7676% | 1918 |
| 0.851754 | 1.174048 | 0.3870% | 1917 | 0.848471 | 1.178591 | 1.3274% | 1916 |
| 0.837355 | 1.194236 | 1.4083% | 1915 | 0.825727 | 1.211054 | 1.4458% | 1914 |
| 0.813958 | 1.228564 | 1.9424% | 1913 | 0.798450 | 1.252427 | 1.9857% | 1912 |
| 0.782904 | 1.277296 | 1.5634% | 1911 | 0.770852 | 1.297266 | 1.8169% | 1910 |
| 0.757096 | 1.320836 | 1.8781% | 1909 | 0.743140 | 1.345642 | 2.0082% | 1908 |
| 0.728509 | 1.372666 | 1.9603% | 1907 | 0.714503 | 1.399574 | 1.8264% | 1906 |
| 0.701688 | 1.425135 | 1.9357% | 1905 | 0.688364 | 1.452721 | 2.0148% | 1904 |
| 0.674768 | 1.481991 | 2.1335% | 1903 | 0.660672 | 1.513609 | 1.8151% | 1902 |
| 0.648894 | 1.541084 | 1.8943% | 1901 | 0.636830 | 1.570277 | 3.0255% | 1900 |
| 0.618129 | 1.617786 | 0.6278% | 1899 | 0.614272 | 1.627943 | 1.7757% | 1898 |
| 0.603555 | 1.656850 | 1.8078% | 1897 | 0.592838 | 1.686801 | 1.8396% | 1896 |
| 0.582129 | 1.717832 | 1.8755% | 1895 | 0.571412 | 1.750050 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.560695 | 1.783501 | 1.9486% | 1893 | 0.549978 | 1.818254 | 1.9858% | 1892 |
| 0.539269 | 1.854361 | 2.0276% | 1891 | 0.528552 | 1.891961 | 2.6465% | 1890 |
| 0.514925 | 1.942032 | 1.5328% | 1889 | 0.507151 | 1.971800 | 2.0811% | 1888 |
| 0.496812 | 2.012836 | 2.1599% | 1887 | 0.486308 | 2.056310 | 2.2075% | 1886 |
| 0.475804 | 2.101704 | 2.2592% | 1885 | 0.465293 | 2.149185 | 2.3095% | 1884 |
| 0.454789 | 2.198821 | 2.3641% | 1883 | 0.444286 | 2.250804 | 2.4214% | 1882 |
| 0.433782 | 2.305305 | 2.4815% | 1881 | 0.423279 | 2.362510 | 3.7644% | 1880 |
| 0.407923 | 2.451444 | 0.9432% | 1879 | 0.404111 | 2.474567 | 2.1464% | 1878 |
| 0.395620 | 2.527681 | 2.1913% | 1877 | 0.387136 | 2.583070 | 2.2426% | 1876 |
| 0.378645 | 2.640998 | 2.2941% | 1875 | 0.370153 | 2.701584 | 2.3456% | 1874 |
| 0.361670 | 2.764952 | 2.4043% | 1873 | 0.353178 | 2.831430 | 2.4635% | 1872 |
| 0.344687 | 2.901184 | 2.5258% | 1871 | 0.336195 | 2.974461 | 5.9947% | 1870 |
| 0.317181 | 3.152771 | -1.0968% | 1869 | 0.320699 | 3.118192 | 2.1930% | 1868 |
| 0.313817 | 3.186573 | 2.2394% | 1867 | 0.306943 | 3.257933 | 2.2935% | 1866 |
| 0.300061 | 3.332654 | 2.3445% | 1865 | 0.293187 | 3.410787 | 2.4037% | 1864 |
| 0.286306 | 3.492772 | 2.4599% | 1863 | 0.279432 | 3.578690 | 2.5250% | 1862 |
| 0.272550 | 3.669052 | 2.5872% | 1861 | 0.265676 | 3.763979 | 2.9504% | 1860 |
| 0.258062 | 3.875032 | 2.4012% | 1859 | 0.252011 | 3.968081 | 2.7627% | 1858 |
| 0.245236 | 4.077707 | 2.8412% | 1857 | 0.238461 | 4.193563 | 2.9243% | 1856 |
| 0.231686 | 4.316195 | 3.0161% | 1855 | 0.224902 | 4.446378 | 3.1061% | 1854 |
| 0.218127 | 4.584485 | 3.2056% | 1853 | 0.211352 | 4.731446 | 3.3118% | 1852 |
| 0.204577 | 4.888142 | 3.4252% | 1851 | 0.197802 | 5.055572 | 4.0106% | 1850 |
| 0.190174 | 5.258331 | 2.3254% | 1849 | 0.185853 | 5.380606 | 2.7841% | 1848 |
| 0.180819 | 5.530407 | 2.8590% | 1847 | 0.175793 | 5.688522 | 2.9432% | 1846 |
| 0.170767 | 5.855944 | 3.0324% | 1845 | 0.165741 | 6.033520 | 3.1325% | 1844 |
| 0.160707 | 6.222520 | 3.2284% | 1843 | 0.155681 | 6.423406 | 3.3361% | 1842 |
| 0.150655 | 6.637694 | 3.4512% | 1841 | 0.145629 | 6.866774 | 3.8105% | 1840 |
| 0.140283 | 7.128431 | 2.3861% | 1839 | 0.137014 | 7.298520 | 2.5824% | 1838 |
| 0.133565 | 7.486996 | 2.6573% | 1837 | 0.130108 | 7.685950 | 2.7232% | 1836 |
| 0.126658 | 7.895254 | 2.7994% | 1835 | 0.123209 | 8.116277 | 2.8871% | 1834 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.119752 | 8.350603 | 2.9657% | 1833 | 0.116303 | 8.598256 | 3.0563% | 1832 |
| 0.112853 | 8.861046 | 3.1604% | 1831 | 0.109396 | 9.141093 | 3.4660% | 1830 |
| 0.105731 | 9.457920 | 2.4653% | 1829 | 0.103188 | 9.691086 | 2.6804% | 1828 |
| 0.100494 | 9.950846 | 10.3427% | 1827 | 0.091074 | 10.980027 | -4.2314% | 1826 |
| 0.095098 | 10.515415 | 2.9150% | 1825 | 0.092405 | 10.821943 | 3.0026% | 1824 |
| 0.089711 | 11.146878 | 3.0955% | 1823 | 0.087018 | 11.491931 | 3.1944% | 1822 |
| 0.084324 | 11.859028 | 3.3102% | 1821 | 0.081622 | 12.251585 | 3.2277% | 1820 |
| 0.079070 | 12.647034 | 2.6573% | 1819 | 0.077023 | 12.983101 | 2.6261% | 1818 |
| 0.075052 | 13.324051 | 2.6969% | 1817 | 0.073081 | 13.683391 | 2.7717% | 1816 |
| 0.071110 | 14.062652 | 2.8507% | 1815 | 0.069139 | 14.463535 | 2.9343% | 1814 |
| 0.067168 | 14.887945 | 3.0231% | 1813 | 0.065197 | 15.338015 | 3.1039% | 1812 |
| 0.063235 | 15.814091 | 3.2172% | 1811 | 0.061264 | 16.322855 | 3.0969% | 1810 |
| 0.059423 | 16.828360 | 2.9144% | 1809 | 0.057741 | 17.318802 | 2.8225% | 1808 |
| 0.056156 | 17.807619 | 2.9199% | 1807 | 0.054563 | 18.327589 | 2.9918% | 1806 |
| 0.052978 | 18.875911 | 3.0841% | 1805 | 0.051393 | 19.458054 | 3.1822% | 1804 |
| 0.049808 | 20.077246 | 3.2868% | 1803 | 0.048223 | 20.737142 | 3.3985% | 1802 |
| 0.046638 | 21.441891 | 3.5180% | 1801 | 0.045053 | 22.196227 | 3.3999% | 1800 |
| 0.043571 | 22.950887 | 2.8419% | 1799 | 0.042367 | 23.603121 | 2.7485% | 1798 |
| 0.041234 | 24.251842 | 2.8261% | 1797 | 0.040101 | 24.937231 | 3.7832% | 1796 |
| 0.038639 | 25.880659 | 2.1272% | 1795 | 0.037834 | 26.431192 | 3.0879% | 1794 |
| 0.036701 | 27.247371 | 3.1625% | 1793 | 0.035576 | 28.109072 | 3.2904% | 1792 |
| 0.034442 | 29.033977 | 3.4024% | 1791 | 0.033309 | 30.021820 | 3.2296% | 1790 |
| 0.032267 | 30.991393 | 41.3145% | 1780 | 0.022833 | 43.795317 | 29.4353% | 1770 |
| 0.017641 | 56.686607 | 83.4728% | 1750 | 0.009615 | 104.004527 | 29.2845% | 1740 |
| 0.007437 | 134.461683 | 94.2514% | 1720 | 0.003829 | 261.193694 | 85.8111% | 1700 |
| 0.002060 | 485.326823 | 19.2490% | 1690 | 0.001728 | 578.747624 | 88.0250% | 1670 |
| 0.000919 | 1088.190349 | | | | | | |

BASE YEAR: 1928

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.503969 | 0.399366 | 8.2857% | 2001 | 2.312374 | 0.432456 | 1.0000% |
| 2000 | 2.289479 | 0.436781 | 1.0000% | 1999 | 2.266811 | 0.441148 | 1.0000% |
| 1998 | 2.244367 | 0.445560 | 1.0000% | 1997 | 2.222146 | 0.450015 | 1.0000% |
| 1996 | 2.200144 | 0.454516 | 1.0000% | 1995 | 2.178361 | 0.459061 | 0.9992% |
| 1994 | 2.156809 | 0.463648 | 1.0008% | 1993 | 2.135438 | 0.468288 | 1.0000% |
| 1992 | 2.114295 | 0.472971 | 0.9295% | 1991 | 2.094824 | 0.477367 | 1.2505% |
| 1990 | 2.068951 | 0.483337 | 0.7224% | 1989 | 2.054112 | 0.486828 | 1.1077% |
| 1988 | 2.031608 | 0.492221 | 0.8834% | 1987 | 2.013819 | 0.496569 | 0.5594% |
| 1986 | 2.002617 | 0.499347 | 1.3056% | 1985 | 1.976807 | 0.505866 | 0.7673% |
| 1984 | 1.961755 | 0.509748 | 0.8149% | 1983 | 1.945897 | 0.513902 | 0.9737% |
| 1982 | 1.927131 | 0.518906 | 0.9508% | 1981 | 1.908981 | 0.523840 | 0.9031% |
| 1980 | 1.891896 | 0.528570 | 2.2701% | 1979 | 1.849902 | 0.540569 | 1.0042% |
| 1978 | 1.831510 | 0.545998 | 0.9896% | 1977 | 1.813563 | 0.551401 | 0.9103% |
| 1976 | 1.797202 | 0.556420 | 0.8394% | 1975 | 1.782241 | 0.561091 | 0.9042% |
| 1974 | 1.766271 | 0.566164 | 1.1568% | 1973 | 1.746073 | 0.572714 | 0.9427% |
| 1972 | 1.729766 | 0.578113 | 0.7426% | 1971 | 1.717015 | 0.582406 | 1.4697% |
| 1970 | 1.692145 | 0.590966 | 0.6968% | 1969 | 1.680435 | 0.595084 | 0.8565% |
| 1968 | 1.666164 | 0.600181 | 1.5090% | 1967 | 1.641395 | 0.609238 | 0.9949% |
| 1966 | 1.625225 | 0.615299 | 1.0575% | 1965 | 1.608219 | 0.621806 | 1.1300% |
| 1964 | 1.590249 | 0.628832 | 1.5537% | 1963 | 1.565920 | 0.638602 | 1.4658% |
| 1962 | 1.543298 | 0.647963 | 1.5364% | 1961 | 1.519945 | 0.657919 | 2.1586% |
| 1960 | 1.487828 | 0.672121 | -1.6655% | 1959 | 1.513027 | 0.660927 | 4.3080% |
| 1958 | 1.450538 | 0.689399 | 2.1130% | 1957 | 1.420523 | 0.703966 | 1.9895% |
| 1956 | 1.392813 | 0.717971 | 2.1231% | 1955 | 1.363857 | 0.733215 | 1.4496% |
| 1954 | 1.344369 | 0.743843 | 2.1573% | 1953 | 1.315980 | 0.759890 | 1.2298% |
| 1952 | 1.299993 | 0.769235 | 1.6814% | 1951 | 1.278497 | 0.782168 | 1.6233% |
| 1950 | 1.258075 | 0.794865 | 1.4265% | 1949 | 1.240381 | 0.806204 | 1.7790% |
| 1948 | 1.218699 | 0.820547 | 1.8242% | 1947 | 1.196867 | 0.835515 | -2.6320% |
| 1946 | 1.229220 | 0.813524 | 3.1768% | 1945 | 1.191373 | 0.839368 | 6.4754% |
| 1944 | 1.118918 | 0.893721 | -0.3437% | 1943 | 1.122777 | 0.890649 | 0.6562% |
| 1942 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.115457 | 0.896494 | 0.6633% | 1941 | 1.108107 | 0.902440 | -5.6614% | 1940 |
| 1.174606 | 0.851349 | 8.0381% | 1939 | 1.087215 | 0.919781 | 0.8126% | 1938 |
| 1.078451 | 0.927256 | 0.7762% | 1937 | 1.070144 | 0.934454 | 0.6029% | 1936 |
| 1.063731 | 0.940087 | 0.5244% | 1935 | 1.058182 | 0.945017 | -3.0364% | 1934 |
| 1.091318 | 0.916323 | 4.6271% | 1933 | 1.043055 | 0.958722 | 1.3921% | 1932 |
| 1.028734 | 0.972069 | -0.2051% | 1931 | 1.030848 | 0.970075 | 0.8886% | 1930 |
| 1.021768 | 0.978695 | 1.0126% | 1929 | 1.011526 | 0.988605 | 1.1526% | 1928 |
| 1.000000 | 1.000000 | 1.2160% | 1927 | 0.987986 | 1.012160 | 1.4086% | 1926 |
| 0.974263 | 1.026417 | 1.7667% | 1925 | 0.957349 | 1.044551 | 1.4465% | 1924 |
| 0.943699 | 1.059660 | 1.7700% | 1923 | 0.927286 | 1.078416 | 1.6165% | 1922 |
| 0.912535 | 1.095849 | 1.3736% | 1921 | 0.900170 | 1.110902 | 2.3393% | 1920 |
| 0.879593 | 1.136889 | 1.3140% | 1919 | 0.868185 | 1.151828 | 0.7676% | 1918 |
| 0.861571 | 1.160670 | 0.3870% | 1917 | 0.858250 | 1.165162 | 1.3274% | 1916 |
| 0.847007 | 1.180628 | 1.4083% | 1915 | 0.835244 | 1.197255 | 1.4458% | 1914 |
| 0.823340 | 1.214565 | 1.9424% | 1913 | 0.807652 | 1.238156 | 1.9857% | 1912 |
| 0.791927 | 1.262742 | 1.5634% | 1911 | 0.779737 | 1.282484 | 1.8169% | 1910 |
| 0.765822 | 1.305786 | 1.8781% | 1909 | 0.751705 | 1.330309 | 2.0082% | 1908 |
| 0.736906 | 1.357025 | 1.9603% | 1907 | 0.722739 | 1.383626 | 1.8264% | 1906 |
| 0.709776 | 1.408896 | 1.9357% | 1905 | 0.696298 | 1.436168 | 2.0148% | 1904 |
| 0.682545 | 1.465104 | 2.1335% | 1903 | 0.668287 | 1.496362 | 1.8151% | 1902 |
| 0.656373 | 1.523524 | 1.8943% | 1901 | 0.644170 | 1.552384 | 3.0255% | 1900 |
| 0.625253 | 1.599352 | 0.6278% | 1899 | 0.621352 | 1.609393 | 1.7757% | 1898 |
| 0.610512 | 1.637970 | 1.8078% | 1897 | 0.599671 | 1.667581 | 1.8396% | 1896 |
| 0.588839 | 1.698258 | 1.8755% | 1895 | 0.577998 | 1.730109 | 1.9114% | 1894 |
| 0.567158 | 1.763178 | 1.9486% | 1893 | 0.556317 | 1.797536 | 1.9858% | 1892 |
| 0.545485 | 1.833232 | 2.0276% | 1891 | 0.534644 | 1.870403 | 2.6465% | 1890 |
| 0.520860 | 1.919903 | 1.5328% | 1889 | 0.512996 | 1.949332 | 2.0811% | 1888 |
| 0.502538 | 1.989900 | 2.1599% | 1887 | 0.491913 | 2.032879 | 2.2075% | 1886 |
| 0.481289 | 2.077756 | 2.2592% | 1885 | 0.470656 | 2.124696 | 2.3095% | 1884 |
| 0.460031 | 2.173766 | 2.3641% | 1883 | 0.449406 | 2.225157 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.438782 | 2.279037 | 2.4815% | 1881 | 0.428157 | 2.335590 | 3.7644% | 1880 |
| 0.412624 | 2.423511 | 0.9432% | 1879 | 0.408769 | 2.446371 | 2.1464% | 1878 |
| 0.400179 | 2.498879 | 2.1913% | 1877 | 0.391598 | 2.553637 | 2.2426% | 1876 |
| 0.383009 | 2.610905 | 2.2941% | 1875 | 0.374420 | 2.670801 | 2.3456% | 1874 |
| 0.365838 | 2.733447 | 2.4043% | 1873 | 0.357249 | 2.799168 | 2.4635% | 1872 |
| 0.348660 | 2.868126 | 2.5258% | 1871 | 0.340070 | 2.940569 | 5.9947% | 1870 |
| 0.320837 | 3.116846 | -1.0968% | 1869 | 0.324395 | 3.082661 | 2.1930% | 1868 |
| 0.317434 | 3.150263 | 2.2394% | 1867 | 0.310481 | 3.220810 | 2.2935% | 1866 |
| 0.303520 | 3.294680 | 2.3445% | 1865 | 0.296567 | 3.371922 | 2.4037% | 1864 |
| 0.289606 | 3.452973 | 2.4599% | 1863 | 0.282653 | 3.537912 | 2.5250% | 1862 |
| 0.275691 | 3.627245 | 2.5872% | 1861 | 0.268738 | 3.721091 | 2.9504% | 1860 |
| 0.261037 | 3.830878 | 2.4012% | 1859 | 0.254916 | 3.922866 | 2.7627% | 1858 |
| 0.248062 | 4.031244 | 2.8412% | 1857 | 0.241209 | 4.145780 | 2.9243% | 1856 |
| 0.234356 | 4.267014 | 3.0161% | 1855 | 0.227494 | 4.395713 | 3.1061% | 1854 |
| 0.220641 | 4.532247 | 3.2056% | 1853 | 0.213788 | 4.677533 | 3.3118% | 1852 |
| 0.206935 | 4.832443 | 3.4252% | 1851 | 0.200081 | 4.997966 | 4.0106% | 1850 |
| 0.192366 | 5.198414 | 2.3254% | 1849 | 0.187995 | 5.319297 | 2.7841% | 1848 |
| 0.182903 | 5.467390 | 2.8590% | 1847 | 0.177819 | 5.623704 | 2.9432% | 1846 |
| 0.172735 | 5.789218 | 3.0324% | 1845 | 0.167651 | 5.964771 | 3.1325% | 1844 |
| 0.162559 | 6.151617 | 3.2284% | 1843 | 0.157475 | 6.350214 | 3.3361% | 1842 |
| 0.152391 | 6.562061 | 3.4512% | 1841 | 0.147307 | 6.788530 | 3.8105% | 1840 |
| 0.141900 | 7.047206 | 2.3861% | 1839 | 0.138593 | 7.215356 | 2.5824% | 1838 |
| 0.135104 | 7.401685 | 2.6573% | 1837 | 0.131607 | 7.598372 | 2.7232% | 1836 |
| 0.128118 | 7.805291 | 2.7994% | 1835 | 0.124629 | 8.023795 | 2.8871% | 1834 |
| 0.121132 | 8.255452 | 2.9657% | 1833 | 0.117643 | 8.500282 | 3.0563% | 1832 |
| 0.114154 | 8.760079 | 3.1604% | 1831 | 0.110657 | 9.036934 | 3.4660% | 1830 |
| 0.106950 | 9.350151 | 2.4653% | 1829 | 0.104377 | 9.580661 | 2.6804% | 1828 |
| 0.101652 | 9.837460 | 10.3427% | 1827 | 0.092124 | 10.854914 | -4.2314% | 1826 |
| 0.096195 | 10.395596 | 2.9150% | 1825 | 0.093470 | 10.698631 | 3.0026% | 1824 |
| 0.090745 | 11.019865 | 3.0955% | 1823 | 0.088021 | 11.360985 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.085296 | 11.723899 | 3.3102% | 1821 | 0.082563 | 12.111983 | 3.2277% | 1820 |
| 0.079981 | 12.502926 | 2.6573% | 1819 | 0.077911 | 12.835164 | 2.6261% | 1818 |
| 0.075917 | 13.172229 | 2.6969% | 1817 | 0.073924 | 13.527475 | 2.7717% | 1816 |
| 0.071930 | 13.902414 | 2.8507% | 1815 | 0.069936 | 14.298729 | 2.9343% | 1814 |
| 0.067943 | 14.718303 | 3.0231% | 1813 | 0.065949 | 15.163245 | 3.1039% | 1812 |
| 0.063964 | 15.633896 | 3.2172% | 1811 | 0.061970 | 16.136863 | 3.0969% | 1810 |
| 0.060108 | 16.636608 | 2.9144% | 1809 | 0.058406 | 17.121462 | 2.8225% | 1808 |
| 0.056803 | 17.604709 | 2.9199% | 1807 | 0.055191 | 18.118754 | 2.9918% | 1806 |
| 0.053588 | 18.660828 | 3.0841% | 1805 | 0.051985 | 19.236337 | 3.1822% | 1804 |
| 0.050382 | 19.848475 | 3.2868% | 1803 | 0.048778 | 20.500851 | 3.3985% | 1802 |
| 0.047175 | 21.197570 | 3.5180% | 1801 | 0.045572 | 21.943310 | 3.3999% | 1800 |
| 0.044073 | 22.689371 | 2.8419% | 1799 | 0.042856 | 23.334173 | 2.7485% | 1798 |
| 0.041709 | 23.975503 | 2.8261% | 1797 | 0.040563 | 24.653082 | 3.7832% | 1796 |
| 0.039084 | 25.585760 | 2.1272% | 1795 | 0.038270 | 26.130020 | 3.0879% | 1794 |
| 0.037124 | 26.936899 | 3.1625% | 1793 | 0.035986 | 27.788781 | 3.2904% | 1792 |
| 0.034839 | 28.703147 | 3.4024% | 1791 | 0.033693 | 29.679734 | 3.2296% | 1790 |
| 0.032639 | 30.638260 | 41.3145% | 1780 | 0.023097 | 43.296288 | 29.4353% | 1770 |
| 0.017844 | 56.040687 | 83.4728% | 1750 | 0.009726 | 102.819440 | 29.2845% | 1740 |
| 0.007523 | 132.929549 | 94.2514% | 1720 | 0.003873 | 258.217503 | 85.8111% | 1700 |
| 0.002084 | 479.796732 | 19.2490% | 1690 | 0.001748 | 572.153042 | 88.0250% | 1670 |
| 0.000930 | 1075.790885 | | | | | | |

BASE YEAR: 1927

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.534418 | 0.394568 | 8.2857% | 2001 | 2.340493 | 0.427260 | 1.0000% |
| 2000 | 2.317319 | 0.431533 | 1.0000% | 1999 | 2.294375 | 0.435848 | 1.0000% |
| 1998 | 2.271659 | 0.440207 | 1.0000% | 1997 | 2.249167 | 0.444609 | 1.0000% |
| 1996 | 2.226898 | 0.449055 | 1.0000% | 1995 | 2.204850 | 0.453546 | 0.9992% |
| 1994 | 2.183036 | 0.458078 | 1.0008% | 1993 | 2.161405 | 0.462662 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.140005 | 0.467289 | 0.9295% | 1991 | 2.120297 | 0.471632 | 1.2505% | 1990 |
| 2.094110 | 0.477530 | 0.7224% | 1989 | 2.079090 | 0.480980 | 1.1077% | 1988 |
| 2.056312 | 0.486307 | 0.8834% | 1987 | 2.038307 | 0.490603 | 0.5594% | 1986 |
| 2.026969 | 0.493348 | 1.3056% | 1985 | 2.000845 | 0.499789 | 0.7673% | 1984 |
| 1.985610 | 0.503624 | 0.8149% | 1983 | 1.969559 | 0.507728 | 0.9737% | 1982 |
| 1.950565 | 0.512672 | 0.9508% | 1981 | 1.932194 | 0.517546 | 0.9031% | 1980 |
| 1.914901 | 0.522220 | 2.2701% | 1979 | 1.872396 | 0.534075 | 1.0042% | 1978 |
| 1.853781 | 0.539438 | 0.9896% | 1977 | 1.835616 | 0.544776 | 0.9103% | 1976 |
| 1.819056 | 0.549736 | 0.8394% | 1975 | 1.803913 | 0.554350 | 0.9042% | 1974 |
| 1.787749 | 0.559363 | 1.1568% | 1973 | 1.767305 | 0.565833 | 0.9427% | 1972 |
| 1.750800 | 0.571167 | 0.7426% | 1971 | 1.737894 | 0.575409 | 1.4697% | 1970 |
| 1.712722 | 0.583866 | 0.6968% | 1969 | 1.700870 | 0.587935 | 0.8565% | 1968 |
| 1.686425 | 0.592970 | 1.5090% | 1967 | 1.661354 | 0.601919 | 0.9949% | 1966 |
| 1.644988 | 0.607907 | 1.0575% | 1965 | 1.627775 | 0.614336 | 1.1300% | 1964 |
| 1.609586 | 0.621278 | 1.5537% | 1963 | 1.584962 | 0.630930 | 1.4658% | 1962 |
| 1.562064 | 0.640178 | 1.5364% | 1961 | 1.538428 | 0.650014 | 2.1586% | 1960 |
| 1.505920 | 0.664046 | -1.6655% | 1959 | 1.531426 | 0.652986 | 4.3080% | 1958 |
| 1.468177 | 0.681117 | 2.1130% | 1957 | 1.437797 | 0.695509 | 1.9895% | 1956 |
| 1.409750 | 0.709346 | 2.1231% | 1955 | 1.380442 | 0.724406 | 1.4496% | 1954 |
| 1.360717 | 0.734907 | 2.1573% | 1953 | 1.331982 | 0.750761 | 1.2298% | 1952 |
| 1.315801 | 0.759993 | 1.6814% | 1951 | 1.294044 | 0.772771 | 1.6233% | 1950 |
| 1.273373 | 0.785316 | 1.4265% | 1949 | 1.255464 | 0.796519 | 1.7790% | 1948 |
| 1.233519 | 0.810689 | 1.8242% | 1947 | 1.211421 | 0.825477 | -2.6320% | 1946 |
| 1.244167 | 0.803750 | 3.1768% | 1945 | 1.205860 | 0.829284 | 6.4754% | 1944 |
| 1.132524 | 0.882983 | -0.3437% | 1943 | 1.136430 | 0.879949 | 0.6562% | 1942 |
| 1.129021 | 0.885723 | 0.6633% | 1941 | 1.121581 | 0.891598 | -5.6614% | 1940 |
| 1.188889 | 0.841121 | 8.0381% | 1939 | 1.100435 | 0.908731 | 0.8126% | 1938 |
| 1.091565 | 0.916116 | 0.7762% | 1937 | 1.083157 | 0.923227 | 0.6029% | 1936 |
| 1.076666 | 0.928793 | 0.5244% | 1935 | 1.071049 | 0.933664 | -3.0364% | 1934 |
| 1.104589 | 0.905314 | 4.6271% | 1933 | 1.055739 | 0.947204 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.041243 | 0.960390 | -0.2051% | 1931 | 1.043383 | 0.958421 | 0.8886% | 1930 |
| 1.034193 | 0.966937 | 1.0126% | 1929 | 1.023826 | 0.976728 | 1.1526% | 1928 |
| 1.012160 | 0.987986 | 1.2160% | 1927 | 1.000000 | 1.000000 | 1.4086% | 1926 |
| 0.986110 | 1.014086 | 1.7667% | 1925 | 0.968991 | 1.032002 | 1.4465% | 1924 |
| 0.955174 | 1.046929 | 1.7700% | 1923 | 0.938562 | 1.065460 | 1.6165% | 1922 |
| 0.923631 | 1.082683 | 1.3736% | 1921 | 0.911116 | 1.097555 | 2.3393% | 1920 |
| 0.890289 | 1.123231 | 1.3140% | 1919 | 0.878742 | 1.137990 | 0.7676% | 1918 |
| 0.872048 | 1.146726 | 0.3870% | 1917 | 0.868686 | 1.151163 | 1.3274% | 1916 |
| 0.857306 | 1.166444 | 1.4083% | 1915 | 0.845401 | 1.182871 | 1.4458% | 1914 |
| 0.833352 | 1.199973 | 1.9424% | 1913 | 0.817473 | 1.223281 | 1.9857% | 1912 |
| 0.801557 | 1.247572 | 1.5634% | 1911 | 0.789218 | 1.267076 | 1.8169% | 1910 |
| 0.775135 | 1.290098 | 1.8781% | 1909 | 0.760846 | 1.314327 | 2.0082% | 1908 |
| 0.745867 | 1.340722 | 1.9603% | 1907 | 0.731527 | 1.367003 | 1.8264% | 1906 |
| 0.718407 | 1.391970 | 1.9357% | 1905 | 0.704765 | 1.418914 | 2.0148% | 1904 |
| 0.690845 | 1.447502 | 2.1335% | 1903 | 0.676414 | 1.478385 | 1.8151% | 1902 |
| 0.664355 | 1.505220 | 1.8943% | 1901 | 0.652003 | 1.533734 | 3.0255% | 1900 |
| 0.632856 | 1.580137 | 0.6278% | 1899 | 0.628908 | 1.590058 | 1.7757% | 1898 |
| 0.617935 | 1.618292 | 1.8078% | 1897 | 0.606963 | 1.647547 | 1.8396% | 1896 |
| 0.595999 | 1.677855 | 1.8755% | 1895 | 0.585027 | 1.709324 | 1.9114% | 1894 |
| 0.574054 | 1.741996 | 1.9486% | 1893 | 0.563082 | 1.775941 | 1.9858% | 1892 |
| 0.552118 | 1.811207 | 2.0276% | 1891 | 0.541145 | 1.847932 | 2.6465% | 1890 |
| 0.527193 | 1.896838 | 1.5328% | 1889 | 0.519234 | 1.925913 | 2.0811% | 1888 |
| 0.508649 | 1.965994 | 2.1599% | 1887 | 0.497895 | 2.008456 | 2.2075% | 1886 |
| 0.487141 | 2.052794 | 2.2592% | 1885 | 0.476379 | 2.099170 | 2.3095% | 1884 |
| 0.465625 | 2.147651 | 2.3641% | 1883 | 0.454871 | 2.198424 | 2.4214% | 1882 |
| 0.444117 | 2.251657 | 2.4815% | 1881 | 0.433364 | 2.307531 | 3.7644% | 1880 |
| 0.417642 | 2.394395 | 0.9432% | 1879 | 0.413739 | 2.416980 | 2.1464% | 1878 |
| 0.405046 | 2.468858 | 2.1913% | 1877 | 0.396360 | 2.522958 | 2.2426% | 1876 |
| 0.387666 | 2.579538 | 2.2941% | 1875 | 0.378973 | 2.638714 | 2.3456% | 1874 |
| 0.370287 | 2.700607 | 2.4043% | 1873 | 0.361593 | 2.765539 | 2.4635% | 1872 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.352899 | 2.833669 | 2.5258% | 1871 | 0.344206 | 2.905241 | 5.9947% | 1870 |
| 0.324739 | 3.079401 | -1.0968% | 1869 | 0.328340 | 3.045626 | 2.1930% | 1868 |
| 0.321294 | 3.112416 | 2.2394% | 1867 | 0.314256 | 3.182116 | 2.2935% | 1866 |
| 0.307210 | 3.255097 | 2.3445% | 1865 | 0.300173 | 3.331412 | 2.4037% | 1864 |
| 0.293127 | 3.411489 | 2.4599% | 1863 | 0.286090 | 3.495408 | 2.5250% | 1862 |
| 0.279044 | 3.583667 | 2.5872% | 1861 | 0.272006 | 3.676386 | 2.9504% | 1860 |
| 0.264211 | 3.784854 | 2.4012% | 1859 | 0.258015 | 3.875737 | 2.7627% | 1858 |
| 0.251079 | 3.982813 | 2.8412% | 1857 | 0.244142 | 4.095972 | 2.9243% | 1856 |
| 0.237206 | 4.215750 | 3.0161% | 1855 | 0.230261 | 4.342903 | 3.1061% | 1854 |
| 0.223324 | 4.477796 | 3.2056% | 1853 | 0.216388 | 4.621338 | 3.3118% | 1852 |
| 0.209451 | 4.774387 | 3.4252% | 1851 | 0.202514 | 4.937920 | 4.0106% | 1850 |
| 0.194706 | 5.135961 | 2.3254% | 1849 | 0.190281 | 5.255391 | 2.7841% | 1848 |
| 0.185127 | 5.401705 | 2.8590% | 1847 | 0.179981 | 5.556141 | 2.9432% | 1846 |
| 0.174835 | 5.719667 | 3.0324% | 1845 | 0.169690 | 5.893110 | 3.1325% | 1844 |
| 0.164536 | 6.077712 | 3.2284% | 1843 | 0.159390 | 6.273923 | 3.3361% | 1842 |
| 0.154244 | 6.483224 | 3.4512% | 1841 | 0.149099 | 6.706973 | 3.8105% | 1840 |
| 0.143626 | 6.962541 | 2.3861% | 1839 | 0.140279 | 7.128671 | 2.5824% | 1838 |
| 0.136747 | 7.312761 | 2.6573% | 1837 | 0.133207 | 7.507085 | 2.7232% | 1836 |
| 0.129676 | 7.711519 | 2.7994% | 1835 | 0.126145 | 7.927398 | 2.8871% | 1834 |
| 0.122605 | 8.156271 | 2.9657% | 1833 | 0.119074 | 8.398161 | 3.0563% | 1832 |
| 0.115542 | 8.654836 | 3.1604% | 1831 | 0.112003 | 8.928365 | 3.4660% | 1830 |
| 0.108251 | 9.237819 | 2.4653% | 1829 | 0.105646 | 9.465559 | 2.6804% | 1828 |
| 0.102888 | 9.719274 | 10.3427% | 1827 | 0.093244 | 10.724504 | -4.2314% | 1826 |
| 0.097364 | 10.270704 | 2.9150% | 1825 | 0.094606 | 10.570099 | 3.0026% | 1824 |
| 0.091849 | 10.887473 | 3.0955% | 1823 | 0.089091 | 11.224495 | 3.1944% | 1822 |
| 0.086333 | 11.583049 | 3.3102% | 1821 | 0.083567 | 11.966470 | 3.2277% | 1820 |
| 0.080954 | 12.352717 | 2.6573% | 1819 | 0.078858 | 12.680963 | 2.6261% | 1818 |
| 0.076840 | 13.013979 | 2.6969% | 1817 | 0.074823 | 13.364957 | 2.7717% | 1816 |
| 0.072805 | 13.735391 | 2.8507% | 1815 | 0.070787 | 14.126945 | 2.9343% | 1814 |
| 0.068769 | 14.541478 | 3.0231% | 1813 | 0.066751 | 14.981074 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-------------|----------|------|----------|------------|----------|------|
| 0.064741 | 15.446071 | 3.2172% | 1811 | 0.062723 | 15.942996 | 3.0969% | 1810 |
| 0.060839 | 16.436737 | 2.9144% | 1809 | 0.059116 | 16.915766 | 2.8225% | 1808 |
| 0.057494 | 17.393207 | 2.9199% | 1807 | 0.055863 | 17.901076 | 2.9918% | 1806 |
| 0.054240 | 18.436638 | 3.0841% | 1805 | 0.052617 | 19.005233 | 3.1822% | 1804 |
| 0.050994 | 19.610016 | 3.2868% | 1803 | 0.049372 | 20.254556 | 3.3985% | 1802 |
| 0.047749 | 20.942904 | 3.5180% | 1801 | 0.046126 | 21.679685 | 3.3999% | 1800 |
| 0.044609 | 22.416782 | 2.8419% | 1799 | 0.043377 | 23.053838 | 2.7485% | 1798 |
| 0.042216 | 23.687463 | 2.8261% | 1797 | 0.041056 | 24.356901 | 3.7832% | 1796 |
| 0.039560 | 25.278374 | 2.1272% | 1795 | 0.038736 | 25.816095 | 3.0879% | 1794 |
| 0.037575 | 26.613280 | 3.1625% | 1793 | 0.036423 | 27.454928 | 3.2904% | 1792 |
| 0.035263 | 28.358309 | 3.4024% | 1791 | 0.034103 | 29.323163 | 3.2296% | 1790 |
| 0.033036 | 30.270173 | 41.3145% | 1780 | 0.023378 | 42.776129 | 29.4353% | 1770 |
| 0.018061 | 55.367418 | 83.4728% | 1750 | 0.009844 | 101.584173 | 29.2845% | 1740 |
| 0.007614 | 131.332542 | 94.2514% | 1720 | 0.003920 | 255.115294 | 85.8111% | 1700 |
| 0.002110 | 474.032483 | 19.2490% | 1690 | 0.001769 | 565.279230 | 88.0250% | 1670 |
| 0.000941 | 1062.866399 | | | | | | |

BASE YEAR: 1926

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.570117 | 0.389087 | 8.2857% | 2001 | 2.373460 | 0.421326 | 1.0000% |
| 2000 | 2.349960 | 0.425539 | 1.0000% | 1999 | 2.326694 | 0.429794 | 1.0000% |
| 1998 | 2.303657 | 0.434092 | 1.0000% | 1997 | 2.280848 | 0.438433 | 1.0000% |
| 1996 | 2.258266 | 0.442818 | 1.0000% | 1995 | 2.235907 | 0.447246 | 0.9992% |
| 1994 | 2.213786 | 0.451715 | 1.0008% | 1993 | 2.191851 | 0.456235 | 1.0000% |
| 1992 | 2.170149 | 0.460798 | 0.9295% | 1991 | 2.150163 | 0.465081 | 1.2505% |
| 1990 | 2.123607 | 0.470897 | 0.7224% | 1989 | 2.108375 | 0.474299 | 1.1077% |
| 1988 | 2.085277 | 0.479553 | 0.8834% | 1987 | 2.067018 | 0.483789 | 0.5594% |
| 1986 | 2.055520 | 0.486495 | 1.3056% | 1985 | 2.029029 | 0.492847 | 0.7673% |
| 1984 | 2.013579 | 0.496628 | 0.8149% | 1983 | 1.997302 | 0.500675 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.978041 | 0.505551 | 0.9508% | 1981 | 1.959410 | 0.510358 | 0.9031% | 1980 |
| 1.941874 | 0.514966 | 2.2701% | 1979 | 1.898771 | 0.526657 | 1.0042% | 1978 |
| 1.879893 | 0.531945 | 0.9896% | 1977 | 1.861472 | 0.537209 | 0.9103% | 1976 |
| 1.844679 | 0.542100 | 0.8394% | 1975 | 1.829323 | 0.546650 | 0.9042% | 1974 |
| 1.812931 | 0.551593 | 1.1568% | 1973 | 1.792199 | 0.557974 | 0.9427% | 1972 |
| 1.775462 | 0.563234 | 0.7426% | 1971 | 1.762374 | 0.567417 | 1.4697% | 1970 |
| 1.736847 | 0.575756 | 0.6968% | 1969 | 1.724828 | 0.579768 | 0.8565% | 1968 |
| 1.710179 | 0.584734 | 1.5090% | 1967 | 1.684756 | 0.593558 | 0.9949% | 1966 |
| 1.668159 | 0.599463 | 1.0575% | 1965 | 1.650703 | 0.605802 | 1.1300% | 1964 |
| 1.632259 | 0.612648 | 1.5537% | 1963 | 1.607287 | 0.622166 | 1.4658% | 1962 |
| 1.584067 | 0.631286 | 1.5364% | 1961 | 1.560098 | 0.640986 | 2.1586% | 1960 |
| 1.527132 | 0.654822 | -1.6655% | 1959 | 1.552997 | 0.643916 | 4.3080% | 1958 |
| 1.488857 | 0.671656 | 2.1130% | 1957 | 1.458049 | 0.685848 | 1.9895% | 1956 |
| 1.429607 | 0.699493 | 2.1231% | 1955 | 1.399886 | 0.714344 | 1.4496% | 1954 |
| 1.379884 | 0.724699 | 2.1573% | 1953 | 1.350745 | 0.740332 | 1.2298% | 1952 |
| 1.334335 | 0.749437 | 1.6814% | 1951 | 1.312271 | 0.762038 | 1.6233% | 1950 |
| 1.291310 | 0.774408 | 1.4265% | 1949 | 1.273148 | 0.785455 | 1.7790% | 1948 |
| 1.250894 | 0.799428 | 1.8242% | 1947 | 1.228484 | 0.814011 | -2.6320% | 1946 |
| 1.261693 | 0.792586 | 3.1768% | 1945 | 1.222845 | 0.817765 | 6.4754% | 1944 |
| 1.148477 | 0.870719 | -0.3437% | 1943 | 1.152437 | 0.867726 | 0.6562% | 1942 |
| 1.144924 | 0.873420 | 0.6633% | 1941 | 1.137380 | 0.879214 | -5.6614% | 1940 |
| 1.205636 | 0.829438 | 8.0381% | 1939 | 1.115936 | 0.896109 | 0.8126% | 1938 |
| 1.106940 | 0.903391 | 0.7762% | 1937 | 1.098414 | 0.910403 | 0.6029% | 1936 |
| 1.091832 | 0.915892 | 0.5244% | 1935 | 1.086136 | 0.920695 | -3.0364% | 1934 |
| 1.120148 | 0.892739 | 4.6271% | 1933 | 1.070609 | 0.934047 | 1.3921% | 1932 |
| 1.055910 | 0.947050 | -0.2051% | 1931 | 1.058080 | 0.945108 | 0.8886% | 1930 |
| 1.048761 | 0.953506 | 1.0126% | 1929 | 1.038248 | 0.963161 | 1.1526% | 1928 |
| 1.026417 | 0.974263 | 1.2160% | 1927 | 1.014086 | 0.986110 | 1.4086% | 1926 |
| 1.000000 | 1.000000 | 1.7667% | 1925 | 0.982640 | 1.017667 | 1.4465% | 1924 |
| 0.968629 | 1.032387 | 1.7700% | 1923 | 0.951782 | 1.050660 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.936641 | 1.067645 | 1.3736% | 1921 | 0.923950 | 1.082310 | 2.3393% | 1920 |
| 0.902830 | 1.107629 | 1.3140% | 1919 | 0.891120 | 1.122183 | 0.7676% | 1918 |
| 0.884332 | 1.130798 | 0.3870% | 1917 | 0.880923 | 1.135174 | 1.3274% | 1916 |
| 0.869382 | 1.150242 | 1.4083% | 1915 | 0.857309 | 1.166441 | 1.4458% | 1914 |
| 0.845090 | 1.183305 | 1.9424% | 1913 | 0.828988 | 1.206290 | 1.9857% | 1912 |
| 0.812848 | 1.230243 | 1.5634% | 1911 | 0.800335 | 1.249476 | 1.8169% | 1910 |
| 0.786053 | 1.272178 | 1.8781% | 1909 | 0.771563 | 1.296071 | 2.0082% | 1908 |
| 0.756373 | 1.322099 | 1.9603% | 1907 | 0.741831 | 1.348015 | 1.8264% | 1906 |
| 0.728526 | 1.372635 | 1.9357% | 1905 | 0.714692 | 1.399205 | 2.0148% | 1904 |
| 0.700576 | 1.427396 | 2.1335% | 1903 | 0.685942 | 1.457850 | 1.8151% | 1902 |
| 0.673713 | 1.484312 | 1.8943% | 1901 | 0.661187 | 1.512430 | 3.0255% | 1900 |
| 0.641771 | 1.558189 | 0.6278% | 1899 | 0.637767 | 1.567972 | 1.7757% | 1898 |
| 0.626640 | 1.595814 | 1.8078% | 1897 | 0.615513 | 1.624662 | 1.8396% | 1896 |
| 0.604394 | 1.654549 | 1.8755% | 1895 | 0.593267 | 1.685581 | 1.9114% | 1894 |
| 0.582140 | 1.717799 | 1.9486% | 1893 | 0.571013 | 1.751273 | 1.9858% | 1892 |
| 0.559895 | 1.786050 | 2.0276% | 1891 | 0.548768 | 1.822264 | 2.6465% | 1890 |
| 0.534619 | 1.870490 | 1.5328% | 1889 | 0.526548 | 1.899162 | 2.0811% | 1888 |
| 0.515813 | 1.938686 | 2.1599% | 1887 | 0.504908 | 1.980558 | 2.2075% | 1886 |
| 0.494003 | 2.024280 | 2.2592% | 1885 | 0.483089 | 2.070012 | 2.3095% | 1884 |
| 0.472184 | 2.117820 | 2.3641% | 1883 | 0.461278 | 2.167888 | 2.4214% | 1882 |
| 0.450373 | 2.220381 | 2.4815% | 1881 | 0.439468 | 2.275479 | 3.7644% | 1880 |
| 0.423525 | 2.361137 | 0.9432% | 1879 | 0.419567 | 2.383408 | 2.1464% | 1878 |
| 0.410751 | 2.434565 | 2.1913% | 1877 | 0.401943 | 2.487913 | 2.2426% | 1876 |
| 0.393127 | 2.543708 | 2.2941% | 1875 | 0.384311 | 2.602062 | 2.3456% | 1874 |
| 0.375503 | 2.663096 | 2.4043% | 1873 | 0.366687 | 2.727125 | 2.4635% | 1872 |
| 0.357870 | 2.794309 | 2.5258% | 1871 | 0.349054 | 2.864887 | 5.9947% | 1870 |
| 0.329313 | 3.036627 | -1.0968% | 1869 | 0.332965 | 3.003322 | 2.1930% | 1868 |
| 0.325820 | 3.069184 | 2.2394% | 1867 | 0.318683 | 3.137915 | 2.2935% | 1866 |
| 0.311538 | 3.209884 | 2.3445% | 1865 | 0.304401 | 3.285138 | 2.4037% | 1864 |
| 0.297256 | 3.364103 | 2.4599% | 1863 | 0.290119 | 3.446856 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.282974 | 3.533890 | 2.5872% | 1861 | 0.275838 | 3.625320 | 2.9504% | 1860 |
| 0.267933 | 3.732282 | 2.4012% | 1859 | 0.261650 | 3.821903 | 2.7627% | 1858 |
| 0.254615 | 3.927491 | 2.8412% | 1857 | 0.247581 | 4.039079 | 2.9243% | 1856 |
| 0.240547 | 4.157193 | 3.0161% | 1855 | 0.233504 | 4.282580 | 3.1061% | 1854 |
| 0.226470 | 4.415599 | 3.2056% | 1853 | 0.219436 | 4.557147 | 3.3118% | 1852 |
| 0.212401 | 4.708070 | 3.4252% | 1851 | 0.205367 | 4.869332 | 4.0106% | 1850 |
| 0.197448 | 5.064622 | 2.3254% | 1849 | 0.192961 | 5.182393 | 2.7841% | 1848 |
| 0.187734 | 5.326675 | 2.8590% | 1847 | 0.182516 | 5.478965 | 2.9432% | 1846 |
| 0.177298 | 5.640220 | 3.0324% | 1845 | 0.172080 | 5.811254 | 3.1325% | 1844 |
| 0.166853 | 5.993292 | 3.2284% | 1843 | 0.161635 | 6.186777 | 3.3361% | 1842 |
| 0.156417 | 6.393171 | 3.4512% | 1841 | 0.151199 | 6.613812 | 3.8105% | 1840 |
| 0.145649 | 6.865830 | 2.3861% | 1839 | 0.142255 | 7.029653 | 2.5824% | 1838 |
| 0.138673 | 7.211186 | 2.6573% | 1837 | 0.135084 | 7.402811 | 2.7232% | 1836 |
| 0.131503 | 7.604404 | 2.7994% | 1835 | 0.127922 | 7.817285 | 2.8871% | 1834 |
| 0.124332 | 8.042979 | 2.9657% | 1833 | 0.120751 | 8.281509 | 3.0563% | 1832 |
| 0.117170 | 8.534618 | 3.1604% | 1831 | 0.113580 | 8.804349 | 3.4660% | 1830 |
| 0.109775 | 9.109504 | 2.4653% | 1829 | 0.107134 | 9.334081 | 2.6804% | 1828 |
| 0.104338 | 9.584271 | 10.3427% | 1827 | 0.094558 | 10.575539 | -4.2314% | 1826 |
| 0.098736 | 10.128042 | 2.9150% | 1825 | 0.095939 | 10.423278 | 3.0026% | 1824 |
| 0.093142 | 10.736244 | 3.0955% | 1823 | 0.090346 | 11.068585 | 3.1944% | 1822 |
| 0.087549 | 11.422159 | 3.3102% | 1821 | 0.084744 | 11.800254 | 3.2277% | 1820 |
| 0.082094 | 12.181136 | 2.6573% | 1819 | 0.079969 | 12.504822 | 2.6261% | 1818 |
| 0.077923 | 12.833212 | 2.6969% | 1817 | 0.075876 | 13.179315 | 2.7717% | 1816 |
| 0.073830 | 13.544604 | 2.8507% | 1815 | 0.071784 | 13.930719 | 2.9343% | 1814 |
| 0.069737 | 14.339495 | 3.0231% | 1813 | 0.067691 | 14.772985 | 3.1039% | 1812 |
| 0.065653 | 15.231523 | 3.2172% | 1811 | 0.063607 | 15.721545 | 3.0969% | 1810 |
| 0.061696 | 16.208428 | 2.9144% | 1809 | 0.059949 | 16.680803 | 2.8225% | 1808 |
| 0.058304 | 17.151613 | 2.9199% | 1807 | 0.056649 | 17.652427 | 2.9918% | 1806 |
| 0.055004 | 18.180550 | 3.0841% | 1805 | 0.053358 | 18.741248 | 3.1822% | 1804 |
| 0.051713 | 19.337630 | 3.2868% | 1803 | 0.050067 | 19.973216 | 3.3985% | 1802 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.048421 | 20.652003 | 3.5180% | 1801 | 0.046776 | 21.378550 | 3.3999% | 1800 |
| 0.045238 | 22.105410 | 2.8419% | 1799 | 0.043988 | 22.733616 | 2.7485% | 1798 |
| 0.042811 | 23.358440 | 2.8261% | 1797 | 0.041634 | 24.018580 | 3.7832% | 1796 |
| 0.040117 | 24.927253 | 2.1272% | 1795 | 0.039281 | 25.457505 | 3.0879% | 1794 |
| 0.038105 | 26.243618 | 3.1625% | 1793 | 0.036936 | 27.073575 | 3.2904% | 1792 |
| 0.035760 | 27.964408 | 3.4024% | 1791 | 0.034583 | 28.915860 | 3.2296% | 1790 |
| 0.033501 | 29.849716 | 41.3145% | 1780 | 0.023707 | 42.181962 | 29.4353% | 1770 |
| 0.018316 | 54.598355 | 83.4728% | 1750 | 0.009983 | 100.173153 | 29.2845% | 1740 |
| 0.007722 | 129.508312 | 94.2514% | 1720 | 0.003975 | 251.571701 | 85.8111% | 1700 |
| 0.002139 | 467.448095 | 19.2490% | 1690 | 0.001794 | 557.427410 | 88.0250% | 1670 |
| 0.000954 | 1048.103012 | | | | | | |

BASE YEAR: 1925

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.615523 | 0.382333 | 8.2857% | 2001 | 2.415392 | 0.414011 | 1.0000% |
| 2000 | 2.391477 | 0.418152 | 1.0000% | 1999 | 2.367799 | 0.422333 | 1.0000% |
| 1998 | 2.344355 | 0.426556 | 1.0000% | 1997 | 2.321144 | 0.430822 | 1.0000% |
| 1996 | 2.298162 | 0.435130 | 1.0000% | 1995 | 2.275408 | 0.439482 | 0.9992% |
| 1994 | 2.252897 | 0.443873 | 1.0008% | 1993 | 2.230574 | 0.448315 | 1.0000% |
| 1992 | 2.208489 | 0.452798 | 0.9295% | 1991 | 2.188150 | 0.457007 | 1.2505% |
| 1990 | 2.161125 | 0.462722 | 0.7224% | 1989 | 2.145624 | 0.466065 | 1.1077% |
| 1988 | 2.122118 | 0.471227 | 0.8834% | 1987 | 2.103536 | 0.475390 | 0.5594% |
| 1986 | 2.091835 | 0.478049 | 1.3056% | 1985 | 2.064875 | 0.484291 | 0.7673% |
| 1984 | 2.049152 | 0.488007 | 0.8149% | 1983 | 2.032588 | 0.491984 | 0.9737% |
| 1982 | 2.012986 | 0.496774 | 0.9508% | 1981 | 1.994027 | 0.501498 | 0.9031% |
| 1980 | 1.976181 | 0.506027 | 2.2701% | 1979 | 1.932316 | 0.517514 | 1.0042% |
| 1978 | 1.913105 | 0.522710 | 0.9896% | 1977 | 1.894358 | 0.527883 | 0.9103% |
| 1976 | 1.877269 | 0.532689 | 0.8394% | 1975 | 1.861641 | 0.537160 | 0.9042% |
| 1974 | 1.844960 | 0.542017 | 1.1568% | 1973 | 1.823862 | 0.548287 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.806829 | 0.553456 | 0.7426% | 1971 | 1.793509 | 0.557566 | 1.4697% | 1970 |
| 1.767531 | 0.565761 | 0.6968% | 1969 | 1.755300 | 0.569703 | 0.8565% | 1968 |
| 1.740393 | 0.574583 | 1.5090% | 1967 | 1.714520 | 0.583254 | 0.9949% | 1966 |
| 1.697630 | 0.589056 | 1.0575% | 1965 | 1.679866 | 0.595286 | 1.1300% | 1964 |
| 1.661096 | 0.602012 | 1.5537% | 1963 | 1.635683 | 0.611366 | 1.4658% | 1962 |
| 1.612053 | 0.620327 | 1.5364% | 1961 | 1.587660 | 0.629858 | 2.1586% | 1960 |
| 1.554112 | 0.643454 | -1.6655% | 1959 | 1.580434 | 0.632738 | 4.3080% | 1958 |
| 1.515161 | 0.659996 | 2.1130% | 1957 | 1.483808 | 0.673941 | 1.9895% | 1956 |
| 1.454864 | 0.687349 | 2.1231% | 1955 | 1.424618 | 0.701943 | 1.4496% | 1954 |
| 1.404262 | 0.712118 | 2.1573% | 1953 | 1.374608 | 0.727480 | 1.2298% | 1952 |
| 1.357909 | 0.736426 | 1.6814% | 1951 | 1.335455 | 0.748808 | 1.6233% | 1950 |
| 1.314123 | 0.760964 | 1.4265% | 1949 | 1.295640 | 0.771819 | 1.7790% | 1948 |
| 1.272993 | 0.785550 | 1.8242% | 1947 | 1.250188 | 0.799880 | -2.6320% | 1946 |
| 1.283983 | 0.778827 | 3.1768% | 1945 | 1.244449 | 0.803568 | 6.4754% | 1944 |
| 1.168767 | 0.855603 | -0.3437% | 1943 | 1.172797 | 0.852662 | 0.6562% | 1942 |
| 1.165151 | 0.858258 | 0.6633% | 1941 | 1.157474 | 0.863951 | -5.6614% | 1940 |
| 1.226936 | 0.815039 | 8.0381% | 1939 | 1.135651 | 0.880552 | 0.8126% | 1938 |
| 1.126497 | 0.887708 | 0.7762% | 1937 | 1.117820 | 0.894599 | 0.6029% | 1936 |
| 1.111121 | 0.899992 | 0.5244% | 1935 | 1.105325 | 0.904712 | -3.0364% | 1934 |
| 1.139937 | 0.877241 | 4.6271% | 1933 | 1.089524 | 0.917832 | 1.3921% | 1932 |
| 1.074565 | 0.930609 | -0.2051% | 1931 | 1.076773 | 0.928701 | 0.8886% | 1930 |
| 1.067289 | 0.936953 | 1.0126% | 1929 | 1.056590 | 0.946441 | 1.1526% | 1928 |
| 1.044551 | 0.957349 | 1.2160% | 1927 | 1.032002 | 0.968991 | 1.4086% | 1926 |
| 1.017667 | 0.982640 | 1.7667% | 1925 | 1.000000 | 1.000000 | 1.4465% | 1924 |
| 0.985741 | 1.014465 | 1.7700% | 1923 | 0.968597 | 1.032421 | 1.6165% | 1922 |
| 0.953189 | 1.049110 | 1.3736% | 1921 | 0.940273 | 1.063521 | 2.3393% | 1920 |
| 0.918780 | 1.088400 | 1.3140% | 1919 | 0.906863 | 1.102702 | 0.7676% | 1918 |
| 0.899955 | 1.111167 | 0.3870% | 1917 | 0.896486 | 1.115467 | 1.3274% | 1916 |
| 0.884741 | 1.130274 | 1.4083% | 1915 | 0.872455 | 1.146191 | 1.4458% | 1914 |
| 0.860020 | 1.162763 | 1.9424% | 1913 | 0.843634 | 1.185348 | 1.9857% | 1912 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 0.827208 | 1.208885 | 1.5634% | 1911 | 0.814475 | 1.227785 | 1.8169% | 1910 |
| 0.799940 | 1.250093 | 1.8781% | 1909 | 0.785194 | 1.273571 | 2.0082% | 1908 |
| 0.769736 | 1.299147 | 1.9603% | 1907 | 0.754937 | 1.324614 | 1.8264% | 1906 |
| 0.741397 | 1.348806 | 1.9357% | 1905 | 0.727318 | 1.374914 | 2.0148% | 1904 |
| 0.712953 | 1.402616 | 2.1335% | 1903 | 0.698060 | 1.432542 | 1.8151% | 1902 |
| 0.685615 | 1.458544 | 1.8943% | 1901 | 0.672869 | 1.486174 | 3.0255% | 1900 |
| 0.653109 | 1.531139 | 0.6278% | 1899 | 0.649034 | 1.540752 | 1.7757% | 1898 |
| 0.637710 | 1.568110 | 1.8078% | 1897 | 0.626387 | 1.596458 | 1.8396% | 1896 |
| 0.615072 | 1.625826 | 1.8755% | 1895 | 0.603748 | 1.656319 | 1.9114% | 1894 |
| 0.592425 | 1.687978 | 1.9486% | 1893 | 0.581101 | 1.720870 | 1.9858% | 1892 |
| 0.569786 | 1.755043 | 2.0276% | 1891 | 0.558463 | 1.790629 | 2.6465% | 1890 |
| 0.544064 | 1.838018 | 1.5328% | 1889 | 0.535851 | 1.866192 | 2.0811% | 1888 |
| 0.524926 | 1.905030 | 2.1599% | 1887 | 0.513828 | 1.946176 | 2.2075% | 1886 |
| 0.502730 | 1.989138 | 2.2592% | 1885 | 0.491624 | 2.034076 | 2.3095% | 1884 |
| 0.480526 | 2.081054 | 2.3641% | 1883 | 0.469428 | 2.130253 | 2.4214% | 1882 |
| 0.458330 | 2.181834 | 2.4815% | 1881 | 0.447232 | 2.235976 | 3.7644% | 1880 |
| 0.431007 | 2.320147 | 0.9432% | 1879 | 0.426980 | 2.342031 | 2.1464% | 1878 |
| 0.418008 | 2.392300 | 2.1913% | 1877 | 0.409044 | 2.444723 | 2.2426% | 1876 |
| 0.400072 | 2.499548 | 2.2941% | 1875 | 0.391100 | 2.556889 | 2.3456% | 1874 |
| 0.382137 | 2.616864 | 2.4043% | 1873 | 0.373165 | 2.679781 | 2.4635% | 1872 |
| 0.364193 | 2.745799 | 2.5258% | 1871 | 0.355221 | 2.815152 | 5.9947% | 1870 |
| 0.335131 | 2.983911 | -1.0968% | 1869 | 0.338847 | 2.951184 | 2.1930% | 1868 |
| 0.331576 | 3.015902 | 2.2394% | 1867 | 0.324313 | 3.083441 | 2.2935% | 1866 |
| 0.317042 | 3.154160 | 2.3445% | 1865 | 0.309779 | 3.228108 | 2.4037% | 1864 |
| 0.302508 | 3.305702 | 2.4599% | 1863 | 0.295245 | 3.387018 | 2.5250% | 1862 |
| 0.287974 | 3.472541 | 2.5872% | 1861 | 0.280711 | 3.562384 | 2.9504% | 1860 |
| 0.272666 | 3.667489 | 2.4012% | 1859 | 0.266272 | 3.755554 | 2.7627% | 1858 |
| 0.259114 | 3.859309 | 2.8412% | 1857 | 0.251955 | 3.968960 | 2.9243% | 1856 |
| 0.244797 | 4.085023 | 3.0161% | 1855 | 0.237629 | 4.208233 | 3.1061% | 1854 |
| 0.230471 | 4.338944 | 3.2056% | 1853 | 0.223312 | 4.478034 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.216154 | 4.626337 | 3.4252% | 1851 | 0.208995 | 4.784799 | 4.0106% | 1850 |
| 0.200936 | 4.976699 | 2.3254% | 1849 | 0.196370 | 5.092425 | 2.7841% | 1848 |
| 0.191051 | 5.234203 | 2.8590% | 1847 | 0.185741 | 5.383849 | 2.9432% | 1846 |
| 0.180430 | 5.542305 | 3.0324% | 1845 | 0.175120 | 5.710370 | 3.1325% | 1844 |
| 0.169801 | 5.889247 | 3.2284% | 1843 | 0.164491 | 6.079373 | 3.3361% | 1842 |
| 0.159180 | 6.282185 | 3.4512% | 1841 | 0.153870 | 6.498995 | 3.8105% | 1840 |
| 0.148222 | 6.746639 | 2.3861% | 1839 | 0.144768 | 6.907617 | 2.5824% | 1838 |
| 0.141123 | 7.085999 | 2.6573% | 1837 | 0.137470 | 7.274297 | 2.7232% | 1836 |
| 0.133826 | 7.472391 | 2.7994% | 1835 | 0.130182 | 7.681576 | 2.8871% | 1834 |
| 0.126529 | 7.903352 | 2.9657% | 1833 | 0.122884 | 8.137740 | 3.0563% | 1832 |
| 0.119240 | 8.386456 | 3.1604% | 1831 | 0.115587 | 8.651504 | 3.4660% | 1830 |
| 0.111715 | 8.951362 | 2.4653% | 1829 | 0.109027 | 9.172040 | 2.6804% | 1828 |
| 0.106181 | 9.417887 | 10.3427% | 1827 | 0.096228 | 10.391946 | -4.2314% | 1826 |
| 0.100480 | 9.952218 | 2.9150% | 1825 | 0.097634 | 10.242328 | 3.0026% | 1824 |
| 0.094788 | 10.549861 | 3.0955% | 1823 | 0.091942 | 10.876433 | 3.1944% | 1822 |
| 0.089096 | 11.223868 | 3.3102% | 1821 | 0.086241 | 11.595400 | 3.2277% | 1820 |
| 0.083544 | 11.969669 | 2.6573% | 1819 | 0.081382 | 12.287736 | 2.6261% | 1818 |
| 0.079299 | 12.610426 | 2.6969% | 1817 | 0.077217 | 12.950520 | 2.7717% | 1816 |
| 0.075134 | 13.309468 | 2.8507% | 1815 | 0.073052 | 13.688880 | 2.9343% | 1814 |
| 0.070970 | 14.090559 | 3.0231% | 1813 | 0.068887 | 14.516523 | 3.1039% | 1812 |
| 0.066813 | 14.967101 | 3.2172% | 1811 | 0.064731 | 15.448617 | 3.0969% | 1810 |
| 0.062786 | 15.927047 | 2.9144% | 1809 | 0.061008 | 16.391222 | 2.8225% | 1808 |
| 0.059334 | 16.853858 | 2.9199% | 1807 | 0.057650 | 17.345978 | 2.9918% | 1806 |
| 0.055976 | 17.864933 | 3.0841% | 1805 | 0.054301 | 18.415896 | 3.1822% | 1804 |
| 0.052626 | 19.001926 | 3.2868% | 1803 | 0.050952 | 19.626478 | 3.3985% | 1802 |
| 0.049277 | 20.293481 | 3.5180% | 1801 | 0.047602 | 21.007415 | 3.3999% | 1800 |
| 0.046037 | 21.721656 | 2.8419% | 1799 | 0.044765 | 22.338957 | 2.7485% | 1798 |
| 0.043567 | 22.952934 | 2.8261% | 1797 | 0.042370 | 23.601614 | 3.7832% | 1796 |
| 0.040825 | 24.494512 | 2.1272% | 1795 | 0.039975 | 25.015559 | 3.0879% | 1794 |
| 0.038778 | 25.788024 | 3.1625% | 1793 | 0.037589 | 26.603573 | 3.2904% | 1792 |

0.036392 27.478941 3.4024% 1791 0.035194 28.413876 3.2296% 1790
0.034093 29.331520 41.3145% 1780 0.024126 41.449676 29.4353% 1770
0.018639 53.650519 83.4728% 1750 0.010159 98.434131 29.2845% 1740
0.007858 127.260027 94.2514% 1720 0.004045 247.204376 85.8111%
1700 0.002177 459.333121 19.2490% 1690 0.001826 547.750380
88.0250% 1670 0.000971 1029.907775

BASE YEAR: 1924

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.653357 | 0.376881 | 8.2857% | 2001 | 2.450331 | 0.408108 | 1.0000% |
| 2000 | 2.426070 | 0.412189 | 1.0000% | 1999 | 2.402049 | 0.416311 | 1.0000% |
| 1998 | 2.378267 | 0.420474 | 1.0000% | 1997 | 2.354719 | 0.424679 | 1.0000% |
| 1996 | 2.331405 | 0.428926 | 1.0000% | 1995 | 2.308322 | 0.433215 | 0.9992% |
| 1994 | 2.285485 | 0.437544 | 1.0008% | 1993 | 2.262839 | 0.441923 | 1.0000% |
| 1992 | 2.240435 | 0.446342 | 0.9295% | 1991 | 2.219801 | 0.450491 | 1.2505% |
| 1990 | 2.192385 | 0.456124 | 0.7224% | 1989 | 2.176660 | 0.459419 | 1.1077% |
| 1988 | 2.152814 | 0.464508 | 0.8834% | 1987 | 2.133963 | 0.468612 | 0.5594% |
| 1986 | 2.122093 | 0.471233 | 1.3056% | 1985 | 2.094744 | 0.477385 | 0.7673% |
| 1984 | 2.078793 | 0.481048 | 0.8149% | 1983 | 2.061989 | 0.484969 | 0.9737% |
| 1982 | 2.042104 | 0.489691 | 0.9508% | 1981 | 2.022871 | 0.494347 | 0.9031% |
| 1980 | 2.004766 | 0.498811 | 2.2701% | 1979 | 1.960267 | 0.510135 | 1.0042% |
| 1978 | 1.940778 | 0.515257 | 0.9896% | 1977 | 1.921760 | 0.520356 | 0.9103% |
| 1976 | 1.904424 | 0.525093 | 0.8394% | 1975 | 1.888570 | 0.529501 | 0.9042% |
| 1974 | 1.871647 | 0.534289 | 1.1568% | 1973 | 1.850244 | 0.540469 | 0.9427% |
| 1972 | 1.832964 | 0.545564 | 0.7426% | 1971 | 1.819453 | 0.549616 | 1.4697% |
| 1970 | 1.793099 | 0.557694 | 0.6968% | 1969 | 1.780691 | 0.561580 | 0.8565% |
| 1968 | 1.765568 | 0.566390 | 1.5090% | 1967 | 1.739321 | 0.574937 | 0.9949% |
| 1966 | 1.722187 | 0.580657 | 1.0575% | 1965 | 1.704166 | 0.586797 | 1.1300% |
| 1964 | 1.685123 | 0.593428 | 1.5537% | 1963 | 1.659343 | 0.602648 | 1.4658% |
| 1962 | 1.635371 | 0.611482 | 1.5364% | 1961 | 1.610625 | 0.620877 | 2.1586% |
| 1960 | 1.576592 | 0.634279 | -1.6655% | 1959 | 1.603295 | 0.623716 | 4.3080% |
| 1958 | 1.537078 | 0.650585 | 2.1130% | 1957 | 1.505272 | 0.664332 | 1.9895% |
| 1956 | 1.475909 | 0.677549 | 2.1231% | 1955 | 1.445225 | 0.691934 | 1.4496% |
| 1954 | 1.424574 | 0.701964 | 2.1573% | 1953 | 1.394492 | 0.717107 | 1.2298% |
| 1952 | 1.377551 | 0.725926 | 1.6814% | 1951 | 1.354772 | 0.738131 | 1.6233% |
| 1950 | 1.333132 | 0.750113 | 1.4265% | 1949 | 1.314382 | 0.760814 | 1.7790% |
| 1948 | 1.291407 | 0.774349 | 1.8242% | 1947 | 1.268272 | 0.788474 | -2.6320% |
| 1946 | 1.302556 | 0.767722 | 3.1768% | 1945 | 1.262450 | 0.792111 | 6.4754% |
| 1944 | 1.185673 | 0.843403 | -0.3437% | 1943 | 1.189762 | 0.840504 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.182005 | 0.846020 | 0.6633% | 1941 | 1.174217 | 0.851632 | -5.6614% | 1940 |
| 1.244683 | 0.803417 | 8.0381% | 1939 | 1.152078 | 0.867997 | 0.8126% | 1938 |
| 1.142791 | 0.875050 | 0.7762% | 1937 | 1.133989 | 0.881843 | 0.6029% | 1936 |
| 1.127193 | 0.887159 | 0.5244% | 1935 | 1.121313 | 0.891811 | -3.0364% | 1934 |
| 1.156427 | 0.864733 | 4.6271% | 1933 | 1.105284 | 0.904745 | 1.3921% | 1932 |
| 1.090108 | 0.917340 | -0.2051% | 1931 | 1.092348 | 0.915459 | 0.8886% | 1930 |
| 1.082727 | 0.923594 | 1.0126% | 1929 | 1.071874 | 0.932946 | 1.1526% | 1928 |
| 1.059660 | 0.943699 | 1.2160% | 1927 | 1.046929 | 0.955174 | 1.4086% | 1926 |
| 1.032387 | 0.968629 | 1.7667% | 1925 | 1.014465 | 0.985741 | 1.4465% | 1924 |
| 1.000000 | 1.000000 | 1.7700% | 1923 | 0.982608 | 1.017700 | 1.6165% | 1922 |
| 0.966977 | 1.034151 | 1.3736% | 1921 | 0.953874 | 1.048357 | 2.3393% | 1920 |
| 0.932070 | 1.072881 | 1.3140% | 1919 | 0.919981 | 1.086979 | 0.7676% | 1918 |
| 0.912973 | 1.095323 | 0.3870% | 1917 | 0.909453 | 1.099562 | 1.3274% | 1916 |
| 0.897539 | 1.114158 | 1.4083% | 1915 | 0.885075 | 1.129848 | 1.4458% | 1914 |
| 0.872461 | 1.146183 | 1.9424% | 1913 | 0.855837 | 1.168447 | 1.9857% | 1912 |
| 0.839174 | 1.191648 | 1.5634% | 1911 | 0.826256 | 1.210279 | 1.8169% | 1910 |
| 0.811512 | 1.232268 | 1.8781% | 1909 | 0.796552 | 1.255411 | 2.0082% | 1908 |
| 0.780870 | 1.280623 | 1.9603% | 1907 | 0.765857 | 1.305726 | 1.8264% | 1906 |
| 0.752121 | 1.329573 | 1.9357% | 1905 | 0.737839 | 1.355310 | 2.0148% | 1904 |
| 0.723266 | 1.382617 | 2.1335% | 1903 | 0.708157 | 1.412115 | 1.8151% | 1902 |
| 0.695533 | 1.437747 | 1.8943% | 1901 | 0.682602 | 1.464983 | 3.0255% | 1900 |
| 0.662556 | 1.509306 | 0.6278% | 1899 | 0.658422 | 1.518782 | 1.7757% | 1898 |
| 0.646935 | 1.545751 | 1.8078% | 1897 | 0.635448 | 1.573694 | 1.8396% | 1896 |
| 0.623969 | 1.602644 | 1.8755% | 1895 | 0.612482 | 1.632702 | 1.9114% | 1894 |
| 0.600994 | 1.663909 | 1.9486% | 1893 | 0.589507 | 1.696333 | 1.9858% | 1892 |
| 0.578028 | 1.730019 | 2.0276% | 1891 | 0.566541 | 1.765097 | 2.6465% | 1890 |
| 0.551934 | 1.811810 | 1.5328% | 1889 | 0.543602 | 1.839582 | 2.0811% | 1888 |
| 0.532519 | 1.877866 | 2.1599% | 1887 | 0.521261 | 1.918425 | 2.2075% | 1886 |
| 0.510002 | 1.960775 | 2.2592% | 1885 | 0.498735 | 2.005073 | 2.3095% | 1884 |
| 0.487477 | 2.051381 | 2.3641% | 1883 | 0.476218 | 2.099878 | 2.4214% | 1882 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.464960 | 2.150724 | 2.4815% | 1881 | 0.453701 | 2.204094 | 3.7644% | 1880 |
| 0.437242 | 2.287065 | 0.9432% | 1879 | 0.433156 | 2.308637 | 2.1464% | 1878 |
| 0.424054 | 2.358189 | 2.1913% | 1877 | 0.414961 | 2.409864 | 2.2426% | 1876 |
| 0.405859 | 2.463908 | 2.2941% | 1875 | 0.396757 | 2.520431 | 2.3456% | 1874 |
| 0.387664 | 2.579550 | 2.4043% | 1873 | 0.378563 | 2.641571 | 2.4635% | 1872 |
| 0.369461 | 2.706647 | 2.5258% | 1871 | 0.360359 | 2.775011 | 5.9947% | 1870 |
| 0.339978 | 2.941364 | -1.0968% | 1869 | 0.343749 | 2.909104 | 2.1930% | 1868 |
| 0.336372 | 2.972899 | 2.2394% | 1867 | 0.329004 | 3.039475 | 2.2935% | 1866 |
| 0.321628 | 3.109185 | 2.3445% | 1865 | 0.314260 | 3.182079 | 2.4037% | 1864 |
| 0.306883 | 3.258566 | 2.4599% | 1863 | 0.299516 | 3.338723 | 2.5250% | 1862 |
| 0.292139 | 3.423026 | 2.5872% | 1861 | 0.284771 | 3.511589 | 2.9504% | 1860 |
| 0.276610 | 3.615195 | 2.4012% | 1859 | 0.270124 | 3.702004 | 2.7627% | 1858 |
| 0.262862 | 3.804280 | 2.8412% | 1857 | 0.255600 | 3.912367 | 2.9243% | 1856 |
| 0.248338 | 4.026776 | 3.0161% | 1855 | 0.241067 | 4.148229 | 3.1061% | 1854 |
| 0.233805 | 4.277075 | 3.2056% | 1853 | 0.226543 | 4.414183 | 3.3118% | 1852 |
| 0.219280 | 4.560371 | 3.4252% | 1851 | 0.212018 | 4.716574 | 4.0106% | 1850 |
| 0.203843 | 4.905737 | 2.3254% | 1849 | 0.199211 | 5.019814 | 2.7841% | 1848 |
| 0.193815 | 5.159570 | 2.8590% | 1847 | 0.188427 | 5.307082 | 2.9432% | 1846 |
| 0.183040 | 5.463278 | 3.0324% | 1845 | 0.177653 | 5.628947 | 3.1325% | 1844 |
| 0.172257 | 5.805274 | 3.2284% | 1843 | 0.166870 | 5.992689 | 3.3361% | 1842 |
| 0.161483 | 6.192608 | 3.4512% | 1841 | 0.156096 | 6.406327 | 3.8105% | 1840 |
| 0.150366 | 6.650440 | 2.3861% | 1839 | 0.146862 | 6.809123 | 2.5824% | 1838 |
| 0.143165 | 6.984961 | 2.6573% | 1837 | 0.139459 | 7.170574 | 2.7232% | 1836 |
| 0.135762 | 7.365843 | 2.7994% | 1835 | 0.132065 | 7.572046 | 2.8871% | 1834 |
| 0.128359 | 7.790660 | 2.9657% | 1833 | 0.124662 | 8.021706 | 3.0563% | 1832 |
| 0.120965 | 8.266875 | 3.1604% | 1831 | 0.117259 | 8.528144 | 3.4660% | 1830 |
| 0.113331 | 8.823726 | 2.4653% | 1829 | 0.110604 | 9.041258 | 2.6804% | 1828 |
| 0.107717 | 9.283599 | 10.3427% | 1827 | 0.097620 | 10.243769 | -4.2314% | 1826 |
| 0.101934 | 9.810311 | 2.9150% | 1825 | 0.099046 | 10.096285 | 3.0026% | 1824 |
| 0.096159 | 10.399433 | 3.0955% | 1823 | 0.093272 | 10.721348 | 3.1944% | 1822 |

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|----------|-------------|----------|------|----------|------------|----------|------|
| 0.090385 | 11.063830 | 3.3102% | 1821 | 0.087489 | 11.430064 | 3.2277% | 1820 |
| 0.084753 | 11.798996 | 2.6573% | 1819 | 0.082559 | 12.112528 | 2.6261% | 1818 |
| 0.080447 | 12.430616 | 2.6969% | 1817 | 0.078334 | 12.765862 | 2.7717% | 1816 |
| 0.076221 | 13.119691 | 2.8507% | 1815 | 0.074109 | 13.493693 | 2.9343% | 1814 |
| 0.071996 | 13.889644 | 3.0231% | 1813 | 0.069883 | 14.309535 | 3.1039% | 1812 |
| 0.067780 | 14.753689 | 3.2172% | 1811 | 0.065667 | 15.228338 | 3.0969% | 1810 |
| 0.063694 | 15.699947 | 2.9144% | 1809 | 0.061891 | 16.157503 | 2.8225% | 1808 |
| 0.060192 | 16.613542 | 2.9199% | 1807 | 0.058484 | 17.098646 | 2.9918% | 1806 |
| 0.056785 | 17.610200 | 3.0841% | 1805 | 0.055086 | 18.153308 | 3.1822% | 1804 |
| 0.053387 | 18.730981 | 3.2868% | 1803 | 0.051689 | 19.346628 | 3.3985% | 1802 |
| 0.049990 | 20.004121 | 3.5180% | 1801 | 0.048291 | 20.707875 | 3.3999% | 1800 |
| 0.046703 | 21.411932 | 2.8419% | 1799 | 0.045412 | 22.020431 | 2.7485% | 1798 |
| 0.044198 | 22.625653 | 2.8261% | 1797 | 0.042983 | 23.265083 | 3.7832% | 1796 |
| 0.041416 | 24.145250 | 2.1272% | 1795 | 0.040553 | 24.658867 | 3.0879% | 1794 |
| 0.039339 | 25.420318 | 3.1625% | 1793 | 0.038133 | 26.224239 | 3.2904% | 1792 |
| 0.036918 | 27.087125 | 3.4024% | 1791 | 0.035703 | 28.008728 | 3.2296% | 1790 |
| 0.034586 | 28.913288 | 41.3145% | 1780 | 0.024475 | 40.858654 | 29.4353% | 1770 |
| 0.018909 | 52.885528 | 83.4728% | 1750 | 0.010306 | 97.030579 | 29.2845% | 1740 |
| 0.007972 | 125.445453 | 94.2514% | 1720 | 0.004104 | 243.679541 | 85.8111% | 1700 |
| 0.002209 | 452.783587 | 19.2490% | 1690 | 0.001852 | 539.940124 | 88.0250% | 1670 |
| 0.000985 | 1015.222538 | | | | | | |

BASE YEAR: 1923

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.700320 | 0.370326 | 8.2857% | 2001 | 2.493701 | 0.401010 | 1.0000% |
| 2000 | 2.469010 | 0.405021 | 1.0000% | 1999 | 2.444565 | 0.409071 | 1.0000% |
| 1998 | 2.420361 | 0.413161 | 1.0000% | 1997 | 2.396397 | 0.417293 | 1.0000% |
| 1996 | 2.372671 | 0.421466 | 1.0000% | 1995 | 2.349179 | 0.425681 | 0.9992% |
| 1994 | 2.325937 | 0.429934 | 1.0008% | 1993 | 2.302891 | 0.434237 | 1.0000% |
| 1992 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.280090 | 0.438579 | 0.9295% | 1991 | 2.259091 | 0.442656 | 1.2505% | 1990 |
| 2.231190 | 0.448191 | 0.7224% | 1989 | 2.215186 | 0.451429 | 1.1077% | 1988 |
| 2.190918 | 0.456430 | 0.8834% | 1987 | 2.171734 | 0.460462 | 0.5594% | 1986 |
| 2.159654 | 0.463037 | 1.3056% | 1985 | 2.131820 | 0.469083 | 0.7673% | 1984 |
| 2.115587 | 0.472682 | 0.8149% | 1983 | 2.098486 | 0.476534 | 0.9737% | 1982 |
| 2.078249 | 0.481174 | 0.9508% | 1981 | 2.058675 | 0.485749 | 0.9031% | 1980 |
| 2.040250 | 0.490136 | 2.2701% | 1979 | 1.994963 | 0.501262 | 1.0042% | 1978 |
| 1.975129 | 0.506296 | 0.9896% | 1977 | 1.955775 | 0.511306 | 0.9103% | 1976 |
| 1.938131 | 0.515961 | 0.8394% | 1975 | 1.921997 | 0.520292 | 0.9042% | 1974 |
| 1.904775 | 0.524996 | 1.1568% | 1973 | 1.882993 | 0.531070 | 0.9427% | 1972 |
| 1.865407 | 0.536076 | 0.7426% | 1971 | 1.851656 | 0.540057 | 1.4697% | 1970 |
| 1.824836 | 0.547994 | 0.6968% | 1969 | 1.812208 | 0.551813 | 0.8565% | 1968 |
| 1.796818 | 0.556539 | 1.5090% | 1967 | 1.770106 | 0.564938 | 0.9949% | 1966 |
| 1.752669 | 0.570558 | 1.0575% | 1965 | 1.734329 | 0.576592 | 1.1300% | 1964 |
| 1.714950 | 0.583108 | 1.5537% | 1963 | 1.688713 | 0.592167 | 1.4658% | 1962 |
| 1.664317 | 0.600847 | 1.5364% | 1961 | 1.639133 | 0.610079 | 2.1586% | 1960 |
| 1.604497 | 0.623248 | -1.6655% | 1959 | 1.631673 | 0.612868 | 4.3080% | 1958 |
| 1.564283 | 0.639270 | 2.1130% | 1957 | 1.531915 | 0.652778 | 1.9895% | 1956 |
| 1.502032 | 0.665765 | 2.1231% | 1955 | 1.470805 | 0.679900 | 1.4496% | 1954 |
| 1.449789 | 0.689756 | 2.1573% | 1953 | 1.419174 | 0.704635 | 1.2298% | 1952 |
| 1.401933 | 0.713301 | 1.6814% | 1951 | 1.378751 | 0.725294 | 1.6233% | 1950 |
| 1.356728 | 0.737067 | 1.4265% | 1949 | 1.337646 | 0.747582 | 1.7790% | 1948 |
| 1.314265 | 0.760882 | 1.8242% | 1947 | 1.290720 | 0.774761 | -2.6320% | 1946 |
| 1.325610 | 0.754369 | 3.1768% | 1945 | 1.284795 | 0.778334 | 6.4754% | 1944 |
| 1.206659 | 0.828735 | -0.3437% | 1943 | 1.210820 | 0.825886 | 0.6562% | 1942 |
| 1.202926 | 0.831306 | 0.6633% | 1941 | 1.195000 | 0.836820 | -5.6614% | 1940 |
| 1.266714 | 0.789444 | 8.0381% | 1939 | 1.172470 | 0.852901 | 0.8126% | 1938 |
| 1.163019 | 0.859832 | 0.7762% | 1937 | 1.154060 | 0.866506 | 0.6029% | 1936 |
| 1.147144 | 0.871730 | 0.5244% | 1935 | 1.141160 | 0.876301 | -3.0364% | 1934 |
| 1.176895 | 0.849693 | 4.6271% | 1933 | 1.124847 | 0.889010 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.109403 | 0.901386 | -0.2051% | 1931 | 1.111683 | 0.899537 | 0.8886% | 1930 |
| 1.101891 | 0.907531 | 1.0126% | 1929 | 1.090846 | 0.916720 | 1.1526% | 1928 |
| 1.078416 | 0.927286 | 1.2160% | 1927 | 1.065460 | 0.938562 | 1.4086% | 1926 |
| 1.050660 | 0.951782 | 1.7667% | 1925 | 1.032421 | 0.968597 | 1.4465% | 1924 |
| 1.017700 | 0.982608 | 1.7700% | 1923 | 1.000000 | 1.000000 | 1.6165% | 1922 |
| 0.984092 | 1.016165 | 1.3736% | 1921 | 0.970757 | 1.030124 | 2.3393% | 1920 |
| 0.948567 | 1.054222 | 1.3140% | 1919 | 0.936265 | 1.068074 | 0.7676% | 1918 |
| 0.929132 | 1.076273 | 0.3870% | 1917 | 0.925550 | 1.080438 | 1.3274% | 1916 |
| 0.913425 | 1.094780 | 1.4083% | 1915 | 0.900740 | 1.110198 | 1.4458% | 1914 |
| 0.887903 | 1.126249 | 1.9424% | 1913 | 0.870985 | 1.148125 | 1.9857% | 1912 |
| 0.854027 | 1.170923 | 1.5634% | 1911 | 0.840881 | 1.189230 | 1.8169% | 1910 |
| 0.825875 | 1.210837 | 1.8781% | 1909 | 0.810651 | 1.233577 | 2.0082% | 1908 |
| 0.794691 | 1.258350 | 1.9603% | 1907 | 0.779413 | 1.283017 | 1.8264% | 1906 |
| 0.765433 | 1.306450 | 1.9357% | 1905 | 0.750898 | 1.331738 | 2.0148% | 1904 |
| 0.736068 | 1.358571 | 2.1335% | 1903 | 0.720692 | 1.387556 | 1.8151% | 1902 |
| 0.707843 | 1.412742 | 1.8943% | 1901 | 0.694684 | 1.439504 | 3.0255% | 1900 |
| 0.674283 | 1.483057 | 0.6278% | 1899 | 0.670076 | 1.492368 | 1.7757% | 1898 |
| 0.658385 | 1.518867 | 1.8078% | 1897 | 0.646695 | 1.546325 | 1.8396% | 1896 |
| 0.635013 | 1.574771 | 1.8755% | 1895 | 0.623322 | 1.604306 | 1.9114% | 1894 |
| 0.611632 | 1.634971 | 1.9486% | 1893 | 0.599941 | 1.666830 | 1.9858% | 1892 |
| 0.588259 | 1.699930 | 2.0276% | 1891 | 0.576569 | 1.734399 | 2.6465% | 1890 |
| 0.561703 | 1.780300 | 1.5328% | 1889 | 0.553223 | 1.807588 | 2.0811% | 1888 |
| 0.541945 | 1.845207 | 2.1599% | 1887 | 0.530487 | 1.885060 | 2.2075% | 1886 |
| 0.519029 | 1.926674 | 2.2592% | 1885 | 0.507563 | 1.970201 | 2.3095% | 1884 |
| 0.496105 | 2.015703 | 2.3641% | 1883 | 0.484647 | 2.063357 | 2.4214% | 1882 |
| 0.473189 | 2.113319 | 2.4815% | 1881 | 0.461732 | 2.165760 | 3.7644% | 1880 |
| 0.444981 | 2.247288 | 0.9432% | 1879 | 0.440823 | 2.268485 | 2.1464% | 1878 |
| 0.431560 | 2.317176 | 2.1913% | 1877 | 0.422306 | 2.367952 | 2.2426% | 1876 |
| 0.413043 | 2.421056 | 2.2941% | 1875 | 0.403780 | 2.476596 | 2.3456% | 1874 |
| 0.394526 | 2.534687 | 2.4043% | 1873 | 0.385263 | 2.595629 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.376000 | 2.659574 | 2.5258% | 1871 | 0.366737 | 2.726748 | 5.9947% | 1870 |
| 0.345996 | 2.890208 | -1.0968% | 1869 | 0.349833 | 2.858509 | 2.1930% | 1868 |
| 0.342326 | 2.921195 | 2.2394% | 1867 | 0.334828 | 2.986612 | 2.2935% | 1866 |
| 0.327320 | 3.055110 | 2.3445% | 1865 | 0.319822 | 3.126737 | 2.4037% | 1864 |
| 0.312315 | 3.201894 | 2.4599% | 1863 | 0.304817 | 3.280657 | 2.5250% | 1862 |
| 0.297310 | 3.363494 | 2.5872% | 1861 | 0.289812 | 3.450515 | 2.9504% | 1860 |
| 0.281506 | 3.552320 | 2.4012% | 1859 | 0.274905 | 3.637619 | 2.7627% | 1858 |
| 0.267514 | 3.738116 | 2.8412% | 1857 | 0.260124 | 3.844324 | 2.9243% | 1856 |
| 0.252733 | 3.956743 | 3.0161% | 1855 | 0.245334 | 4.076084 | 3.1061% | 1854 |
| 0.237943 | 4.202689 | 3.2056% | 1853 | 0.230552 | 4.337412 | 3.3118% | 1852 |
| 0.223162 | 4.481058 | 3.4252% | 1851 | 0.215771 | 4.634544 | 4.0106% | 1850 |
| 0.207451 | 4.820417 | 2.3254% | 1849 | 0.202737 | 4.932510 | 2.7841% | 1848 |
| 0.197245 | 5.069835 | 2.8590% | 1847 | 0.191763 | 5.214782 | 2.9432% | 1846 |
| 0.186280 | 5.368261 | 3.0324% | 1845 | 0.180798 | 5.531049 | 3.1325% | 1844 |
| 0.175306 | 5.704309 | 3.2284% | 1843 | 0.169824 | 5.888465 | 3.3361% | 1842 |
| 0.164341 | 6.084907 | 3.4512% | 1841 | 0.158859 | 6.294909 | 3.8105% | 1840 |
| 0.153027 | 6.534776 | 2.3861% | 1839 | 0.149461 | 6.690699 | 2.5824% | 1838 |
| 0.145699 | 6.863479 | 2.6573% | 1837 | 0.141927 | 7.045864 | 2.7232% | 1836 |
| 0.138165 | 7.237737 | 2.7994% | 1835 | 0.134402 | 7.440354 | 2.8871% | 1834 |
| 0.130631 | 7.655166 | 2.9657% | 1833 | 0.126868 | 7.882194 | 3.0563% | 1832 |
| 0.123106 | 8.123099 | 3.1604% | 1831 | 0.119334 | 8.379823 | 3.4660% | 1830 |
| 0.115337 | 8.670265 | 2.4653% | 1829 | 0.112562 | 8.884013 | 2.6804% | 1828 |
| 0.109623 | 9.122140 | 10.3427% | 1827 | 0.099348 | 10.065611 | -4.2314% | 1826 |
| 0.103738 | 9.639691 | 2.9150% | 1825 | 0.100799 | 9.920692 | 3.0026% | 1824 |
| 0.097861 | 10.218567 | 3.0955% | 1823 | 0.094923 | 10.534883 | 3.1944% | 1822 |
| 0.091984 | 10.871409 | 3.3102% | 1821 | 0.089037 | 11.231273 | 3.2277% | 1820 |
| 0.086253 | 11.593789 | 2.6573% | 1819 | 0.084020 | 11.901869 | 2.6261% | 1818 |
| 0.081870 | 12.214424 | 2.6969% | 1817 | 0.079720 | 12.543839 | 2.7717% | 1816 |
| 0.077570 | 12.891515 | 2.8507% | 1815 | 0.075420 | 13.259012 | 2.9343% | 1814 |
| 0.073270 | 13.648077 | 3.0231% | 1813 | 0.071120 | 14.060666 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.068979 | 14.497094 | 3.2172% | 1811 | 0.066829 | 14.963489 | 3.0969% | 1810 |
| 0.064822 | 15.426895 | 2.9144% | 1809 | 0.062986 | 15.876493 | 2.8225% | 1808 |
| 0.061257 | 16.324601 | 2.9199% | 1807 | 0.059519 | 16.801268 | 2.9918% | 1806 |
| 0.057790 | 17.303926 | 3.0841% | 1805 | 0.056061 | 17.837588 | 3.1822% | 1804 |
| 0.054332 | 18.405214 | 3.2868% | 1803 | 0.052603 | 19.010154 | 3.3985% | 1802 |
| 0.050875 | 19.656211 | 3.5180% | 1801 | 0.049146 | 20.347726 | 3.3999% | 1800 |
| 0.047530 | 21.039538 | 2.8419% | 1799 | 0.046216 | 21.637454 | 2.7485% | 1798 |
| 0.044980 | 22.232150 | 2.8261% | 1797 | 0.043744 | 22.860460 | 3.7832% | 1796 |
| 0.042149 | 23.725319 | 2.1272% | 1795 | 0.041271 | 24.230003 | 3.0879% | 1794 |
| 0.040035 | 24.978211 | 3.1625% | 1793 | 0.038808 | 25.768150 | 3.2904% | 1792 |
| 0.037571 | 26.616029 | 3.4024% | 1791 | 0.036335 | 27.521604 | 3.2296% | 1790 |
| 0.035198 | 28.410431 | 41.3145% | 1780 | 0.024908 | 40.148045 | 29.4353% | 1770 |
| 0.019243 | 51.965749 | 83.4728% | 1750 | 0.010488 | 95.343035 | 29.2845% | 1740 |
| 0.008113 | 123.263720 | 94.2514% | 1720 | 0.004176 | 239.441495 | 85.8111% | 1700 |
| 0.002248 | 444.908828 | 19.2490% | 1690 | 0.001885 | 530.549548 | 88.0250% | 1670 |
| 0.001002 | 997.565907 | | | | | | |

BASE YEAR: 1922

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.743972 | 0.364435 | 8.2857% | 2001 | 2.534012 | 0.394631 | 1.0000% |
| 2000 | 2.508922 | 0.398577 | 1.0000% | 1999 | 2.484082 | 0.402563 | 1.0000% |
| 1998 | 2.459487 | 0.406589 | 1.0000% | 1997 | 2.435135 | 0.410655 | 1.0000% |
| 1996 | 2.411025 | 0.414761 | 1.0000% | 1995 | 2.387154 | 0.418909 | 0.9992% |
| 1994 | 2.363537 | 0.423095 | 1.0008% | 1993 | 2.340117 | 0.427329 | 1.0000% |
| 1992 | 2.316948 | 0.431602 | 0.9295% | 1991 | 2.295610 | 0.435614 | 1.2505% |
| 1990 | 2.267258 | 0.441061 | 0.7224% | 1989 | 2.250995 | 0.444248 | 1.1077% |
| 1988 | 2.226335 | 0.449169 | 0.8834% | 1987 | 2.206840 | 0.453137 | 0.5594% |
| 1986 | 2.194565 | 0.455671 | 1.3056% | 1985 | 2.166281 | 0.461621 | 0.7673% |
| 1984 | 2.149786 | 0.465163 | 0.8149% | 1983 | 2.132408 | 0.468953 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.111844 | 0.473520 | 0.9508% | 1981 | 2.091954 | 0.478022 | 0.9031% | 1980 |
| 2.073231 | 0.482339 | 2.2701% | 1979 | 2.027212 | 0.493288 | 1.0042% | 1978 |
| 2.007058 | 0.498242 | 0.9896% | 1977 | 1.987390 | 0.503172 | 0.9103% | 1976 |
| 1.969462 | 0.507753 | 0.8394% | 1975 | 1.953067 | 0.512015 | 0.9042% | 1974 |
| 1.935566 | 0.516645 | 1.1568% | 1973 | 1.913432 | 0.522621 | 0.9427% | 1972 |
| 1.895562 | 0.527548 | 0.7426% | 1971 | 1.881589 | 0.531466 | 1.4697% | 1970 |
| 1.854335 | 0.539277 | 0.6968% | 1969 | 1.841503 | 0.543035 | 0.8565% | 1968 |
| 1.825864 | 0.547686 | 1.5090% | 1967 | 1.798720 | 0.555951 | 0.9949% | 1966 |
| 1.781001 | 0.561482 | 1.0575% | 1965 | 1.762365 | 0.567420 | 1.1300% | 1964 |
| 1.742672 | 0.573831 | 1.5537% | 1963 | 1.716011 | 0.582747 | 1.4658% | 1962 |
| 1.691221 | 0.591289 | 1.5364% | 1961 | 1.665630 | 0.600374 | 2.1586% | 1960 |
| 1.630434 | 0.613333 | -1.6655% | 1959 | 1.658049 | 0.603118 | 4.3080% | 1958 |
| 1.589570 | 0.629101 | 2.1130% | 1957 | 1.556678 | 0.642393 | 1.9895% | 1956 |
| 1.526313 | 0.655174 | 2.1231% | 1955 | 1.494581 | 0.669084 | 1.4496% | 1954 |
| 1.473225 | 0.678783 | 2.1573% | 1953 | 1.442115 | 0.693426 | 1.2298% | 1952 |
| 1.424596 | 0.701953 | 1.6814% | 1951 | 1.401039 | 0.713756 | 1.6233% | 1950 |
| 1.378660 | 0.725342 | 1.4265% | 1949 | 1.359269 | 0.735689 | 1.7790% | 1948 |
| 1.335510 | 0.748778 | 1.8242% | 1947 | 1.311585 | 0.762436 | -2.6320% | 1946 |
| 1.347039 | 0.742369 | 3.1768% | 1945 | 1.305564 | 0.765952 | 6.4754% | 1944 |
| 1.226165 | 0.815551 | -0.3437% | 1943 | 1.230393 | 0.812748 | 0.6562% | 1942 |
| 1.222372 | 0.818082 | 0.6633% | 1941 | 1.214317 | 0.823508 | -5.6614% | 1940 |
| 1.287191 | 0.776886 | 8.0381% | 1939 | 1.191423 | 0.839333 | 0.8126% | 1938 |
| 1.181819 | 0.846153 | 0.7762% | 1937 | 1.172716 | 0.852722 | 0.6029% | 1936 |
| 1.165688 | 0.857862 | 0.5244% | 1935 | 1.159607 | 0.862361 | -3.0364% | 1934 |
| 1.195920 | 0.836176 | 4.6271% | 1933 | 1.143030 | 0.874867 | 1.3921% | 1932 |
| 1.127337 | 0.887047 | -0.2051% | 1931 | 1.129653 | 0.885227 | 0.8886% | 1930 |
| 1.119704 | 0.893093 | 1.0126% | 1929 | 1.108479 | 0.902137 | 1.1526% | 1928 |
| 1.095849 | 0.912535 | 1.2160% | 1927 | 1.082683 | 0.923631 | 1.4086% | 1926 |
| 1.067645 | 0.936641 | 1.7667% | 1925 | 1.049110 | 0.953189 | 1.4465% | 1924 |
| 1.034151 | 0.966977 | 1.7700% | 1923 | 1.016165 | 0.984092 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.000000 | 1.000000 | 1.3736% | 1921 | 0.986450 | 1.013736 | 2.3393% | 1920 |
| 0.963901 | 1.037451 | 1.3140% | 1919 | 0.951400 | 1.051083 | 0.7676% | 1918 |
| 0.944152 | 1.059152 | 0.3870% | 1917 | 0.940512 | 1.063250 | 1.3274% | 1916 |
| 0.928191 | 1.077364 | 1.4083% | 1915 | 0.915301 | 1.092537 | 1.4458% | 1914 |
| 0.902256 | 1.108333 | 1.9424% | 1913 | 0.885065 | 1.129861 | 1.9857% | 1912 |
| 0.867832 | 1.152296 | 1.5634% | 1911 | 0.854474 | 1.170311 | 1.8169% | 1910 |
| 0.839226 | 1.191575 | 1.8781% | 1909 | 0.823755 | 1.213953 | 2.0082% | 1908 |
| 0.807538 | 1.238332 | 1.9603% | 1907 | 0.792012 | 1.262607 | 1.8264% | 1906 |
| 0.777807 | 1.285667 | 1.9357% | 1905 | 0.763037 | 1.310553 | 2.0148% | 1904 |
| 0.747966 | 1.336958 | 2.1335% | 1903 | 0.732342 | 1.365483 | 1.8151% | 1902 |
| 0.719286 | 1.390268 | 1.8943% | 1901 | 0.705913 | 1.416605 | 3.0255% | 1900 |
| 0.685183 | 1.459464 | 0.6278% | 1899 | 0.680908 | 1.468627 | 1.7757% | 1898 |
| 0.669028 | 1.494705 | 1.8078% | 1897 | 0.657149 | 1.521726 | 1.8396% | 1896 |
| 0.645278 | 1.549719 | 1.8755% | 1895 | 0.633399 | 1.578785 | 1.9114% | 1894 |
| 0.621519 | 1.608962 | 1.9486% | 1893 | 0.609639 | 1.640314 | 1.9858% | 1892 |
| 0.597769 | 1.672888 | 2.0276% | 1891 | 0.585889 | 1.706808 | 2.6465% | 1890 |
| 0.570783 | 1.751979 | 1.5328% | 1889 | 0.562166 | 1.778833 | 2.0811% | 1888 |
| 0.550705 | 1.815853 | 2.1599% | 1887 | 0.539062 | 1.855073 | 2.2075% | 1886 |
| 0.527419 | 1.896024 | 2.2592% | 1885 | 0.515767 | 1.938859 | 2.3095% | 1884 |
| 0.504124 | 1.983637 | 2.3641% | 1883 | 0.492481 | 2.030533 | 2.4214% | 1882 |
| 0.480839 | 2.079700 | 2.4815% | 1881 | 0.469196 | 2.131307 | 3.7644% | 1880 |
| 0.452174 | 2.211538 | 0.9432% | 1879 | 0.447949 | 2.232398 | 2.1464% | 1878 |
| 0.438536 | 2.280314 | 2.1913% | 1877 | 0.429133 | 2.330283 | 2.2426% | 1876 |
| 0.419720 | 2.382542 | 2.2941% | 1875 | 0.410307 | 2.437199 | 2.3456% | 1874 |
| 0.400904 | 2.494365 | 2.4043% | 1873 | 0.391491 | 2.554338 | 2.4635% | 1872 |
| 0.382078 | 2.617265 | 2.5258% | 1871 | 0.372666 | 2.683371 | 5.9947% | 1870 |
| 0.351589 | 2.844231 | -1.0968% | 1869 | 0.355488 | 2.813035 | 2.1930% | 1868 |
| 0.347859 | 2.874725 | 2.2394% | 1867 | 0.340240 | 2.939101 | 2.2935% | 1866 |
| 0.332612 | 3.006510 | 2.3445% | 1865 | 0.324992 | 3.076996 | 2.4037% | 1864 |
| 0.317364 | 3.150958 | 2.4599% | 1863 | 0.309744 | 3.228468 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.302116 | 3.309987 | 2.5872% | 1861 | 0.294497 | 3.395624 | 2.9504% | 1860 |
| 0.286057 | 3.495809 | 2.4012% | 1859 | 0.279349 | 3.579752 | 2.7627% | 1858 |
| 0.271839 | 3.678650 | 2.8412% | 1857 | 0.264329 | 3.783168 | 2.9243% | 1856 |
| 0.256819 | 3.893799 | 3.0161% | 1855 | 0.249299 | 4.011241 | 3.1061% | 1854 |
| 0.241789 | 4.135833 | 3.2056% | 1853 | 0.234279 | 4.268412 | 3.3118% | 1852 |
| 0.226769 | 4.409773 | 3.4252% | 1851 | 0.219259 | 4.560817 | 4.0106% | 1850 |
| 0.210804 | 4.743734 | 2.3254% | 1849 | 0.206014 | 4.854043 | 2.7841% | 1848 |
| 0.200434 | 4.989184 | 2.8590% | 1847 | 0.194862 | 5.131825 | 2.9432% | 1846 |
| 0.189291 | 5.282863 | 3.0324% | 1845 | 0.183720 | 5.443061 | 3.1325% | 1844 |
| 0.178140 | 5.613565 | 3.2284% | 1843 | 0.172569 | 5.794791 | 3.3361% | 1842 |
| 0.166998 | 5.988108 | 3.4512% | 1841 | 0.161427 | 6.194770 | 3.8105% | 1840 |
| 0.155501 | 6.430820 | 2.3861% | 1839 | 0.151877 | 6.584263 | 2.5824% | 1838 |
| 0.148054 | 6.754295 | 2.6573% | 1837 | 0.144222 | 6.933778 | 2.7232% | 1836 |
| 0.140398 | 7.122599 | 2.7994% | 1835 | 0.136575 | 7.321992 | 2.8871% | 1834 |
| 0.132742 | 7.533387 | 2.9657% | 1833 | 0.128919 | 7.756803 | 3.0563% | 1832 |
| 0.125096 | 7.993876 | 3.1604% | 1831 | 0.121263 | 8.246517 | 3.4660% | 1830 |
| 0.117201 | 8.532338 | 2.4653% | 1829 | 0.114381 | 8.742686 | 2.6804% | 1828 |
| 0.111395 | 8.977024 | 10.3427% | 1827 | 0.100954 | 9.905487 | -4.2314% | 1826 |
| 0.105415 | 9.486343 | 2.9150% | 1825 | 0.102429 | 9.762873 | 3.0026% | 1824 |
| 0.099443 | 10.056010 | 3.0955% | 1823 | 0.096457 | 10.367294 | 3.1944% | 1822 |
| 0.093471 | 10.698466 | 3.3102% | 1821 | 0.090476 | 11.052606 | 3.2277% | 1820 |
| 0.087647 | 11.409355 | 2.6573% | 1819 | 0.085379 | 11.712533 | 2.6261% | 1818 |
| 0.083194 | 12.020117 | 2.6969% | 1817 | 0.081009 | 12.344291 | 2.7717% | 1816 |
| 0.078824 | 12.686436 | 2.8507% | 1815 | 0.076640 | 13.048087 | 2.9343% | 1814 |
| 0.074455 | 13.430963 | 3.0231% | 1813 | 0.072270 | 13.836988 | 3.1039% | 1812 |
| 0.070094 | 14.266474 | 3.2172% | 1811 | 0.067910 | 14.725449 | 3.0969% | 1810 |
| 0.065870 | 15.181483 | 2.9144% | 1809 | 0.064004 | 15.623929 | 2.8225% | 1808 |
| 0.062247 | 16.064909 | 2.9199% | 1807 | 0.060481 | 16.533993 | 2.9918% | 1806 |
| 0.058725 | 17.028654 | 3.0841% | 1805 | 0.056968 | 17.553827 | 3.1822% | 1804 |
| 0.055211 | 18.112423 | 3.2868% | 1803 | 0.053454 | 18.707740 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.051697 | 19.343520 | 3.5180% | 1801 | 0.049940 | 20.024034 | 3.3999% | 1800 |
| 0.048298 | 20.704840 | 2.8419% | 1799 | 0.046963 | 21.293244 | 2.7485% | 1798 |
| 0.045707 | 21.878480 | 2.8261% | 1797 | 0.044451 | 22.496795 | 3.7832% | 1796 |
| 0.042830 | 23.347895 | 2.1272% | 1795 | 0.041938 | 23.844551 | 3.0879% | 1794 |
| 0.040682 | 24.580857 | 3.1625% | 1793 | 0.039435 | 25.358229 | 3.2904% | 1792 |
| 0.038179 | 26.192620 | 3.4024% | 1791 | 0.036922 | 27.083789 | 3.2296% | 1790 |
| 0.035767 | 27.958477 | 41.3145% | 1780 | 0.025310 | 39.509368 | 29.4353% | 1770 |
| 0.019555 | 51.139075 | 83.4728% | 1750 | 0.010658 | 93.826314 | 29.2845% | 1740 |
| 0.008244 | 121.302836 | 94.2514% | 1720 | 0.004244 | 235.632450 | 85.8111% | 1700 |
| 0.002284 | 437.831200 | 19.2490% | 1690 | 0.001915 | 522.109544 | 88.0250% | 1670 |
| 0.001019 | 981.696586 | | | | | | |

BASE YEAR: 1921

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.781664 | 0.359497 | 8.2857% | 2001 | 2.568820 | 0.389284 | 1.0000% |
| 2000 | 2.543386 | 0.393177 | 1.0000% | 1999 | 2.518204 | 0.397108 | 1.0000% |
| 1998 | 2.493271 | 0.401079 | 1.0000% | 1997 | 2.468586 | 0.405090 | 1.0000% |
| 1996 | 2.444144 | 0.409141 | 1.0000% | 1995 | 2.419945 | 0.413233 | 0.9992% |
| 1994 | 2.396003 | 0.417362 | 1.0008% | 1993 | 2.372262 | 0.421539 | 1.0000% |
| 1992 | 2.348774 | 0.425754 | 0.9295% | 1991 | 2.327144 | 0.429711 | 1.2505% |
| 1990 | 2.298402 | 0.435085 | 0.7224% | 1989 | 2.281916 | 0.438228 | 1.1077% |
| 1988 | 2.256917 | 0.443082 | 0.8834% | 1987 | 2.237155 | 0.446996 | 0.5594% |
| 1986 | 2.224710 | 0.449497 | 1.3056% | 1985 | 2.196038 | 0.455365 | 0.7673% |
| 1984 | 2.179317 | 0.458859 | 0.8149% | 1983 | 2.161700 | 0.462599 | 0.9737% |
| 1982 | 2.140854 | 0.467103 | 0.9508% | 1981 | 2.120690 | 0.471545 | 0.9031% |
| 1980 | 2.101710 | 0.475803 | 2.2701% | 1979 | 2.055059 | 0.486604 | 1.0042% |
| 1978 | 2.034628 | 0.491490 | 0.9896% | 1977 | 2.014690 | 0.496354 | 0.9103% |
| 1976 | 1.996515 | 0.500873 | 0.8394% | 1975 | 1.979895 | 0.505077 | 0.9042% |
| 1974 | 1.962154 | 0.509644 | 1.1568% | 1973 | 1.939715 | 0.515540 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.921600 | 0.520400 | 0.7426% | 1971 | 1.907435 | 0.524264 | 1.4697% | 1970 |
| 1.879807 | 0.531970 | 0.6968% | 1969 | 1.866799 | 0.535676 | 0.8565% | 1968 |
| 1.850945 | 0.540265 | 1.5090% | 1967 | 1.823428 | 0.548417 | 0.9949% | 1966 |
| 1.805466 | 0.553874 | 1.0575% | 1965 | 1.786573 | 0.559731 | 1.1300% | 1964 |
| 1.766610 | 0.566056 | 1.5537% | 1963 | 1.739583 | 0.574850 | 1.4658% | 1962 |
| 1.714452 | 0.583277 | 1.5364% | 1961 | 1.688510 | 0.592238 | 2.1586% | 1960 |
| 1.652831 | 0.605023 | -1.6655% | 1959 | 1.680825 | 0.594946 | 4.3080% | 1958 |
| 1.611405 | 0.620576 | 2.1130% | 1957 | 1.578062 | 0.633689 | 1.9895% | 1956 |
| 1.547279 | 0.646296 | 2.1231% | 1955 | 1.515111 | 0.660017 | 1.4496% | 1954 |
| 1.493462 | 0.669585 | 2.1573% | 1953 | 1.461925 | 0.684030 | 1.2298% | 1952 |
| 1.444165 | 0.692442 | 1.6814% | 1951 | 1.420285 | 0.704084 | 1.6233% | 1950 |
| 1.397598 | 0.715513 | 1.4265% | 1949 | 1.377941 | 0.725721 | 1.7790% | 1948 |
| 1.353855 | 0.738631 | 1.8242% | 1947 | 1.329601 | 0.752105 | -2.6320% | 1946 |
| 1.365543 | 0.732310 | 3.1768% | 1945 | 1.323498 | 0.755574 | 6.4754% | 1944 |
| 1.243008 | 0.804500 | -0.3437% | 1943 | 1.247295 | 0.801735 | 0.6562% | 1942 |
| 1.239163 | 0.806996 | 0.6633% | 1941 | 1.230998 | 0.812349 | -5.6614% | 1940 |
| 1.304872 | 0.766359 | 8.0381% | 1939 | 1.207789 | 0.827959 | 0.8126% | 1938 |
| 1.198053 | 0.834688 | 0.7762% | 1937 | 1.188825 | 0.841167 | 0.6029% | 1936 |
| 1.181701 | 0.846238 | 0.5244% | 1935 | 1.175536 | 0.850676 | -3.0364% | 1934 |
| 1.212347 | 0.824846 | 4.6271% | 1933 | 1.158732 | 0.863013 | 1.3921% | 1932 |
| 1.142822 | 0.875027 | -0.2051% | 1931 | 1.145171 | 0.873232 | 0.8886% | 1930 |
| 1.135084 | 0.880992 | 1.0126% | 1929 | 1.123706 | 0.889913 | 1.1526% | 1928 |
| 1.110902 | 0.900170 | 1.2160% | 1927 | 1.097555 | 0.911116 | 1.4086% | 1926 |
| 1.082310 | 0.923950 | 1.7667% | 1925 | 1.063521 | 0.940273 | 1.4465% | 1924 |
| 1.048357 | 0.953874 | 1.7700% | 1923 | 1.030124 | 0.970757 | 1.6165% | 1922 |
| 1.013736 | 0.986450 | 1.3736% | 1921 | 1.000000 | 1.000000 | 2.3393% | 1920 |
| 0.977142 | 1.023393 | 1.3140% | 1919 | 0.964468 | 1.036841 | 0.7676% | 1918 |
| 0.957121 | 1.044800 | 0.3870% | 1917 | 0.953431 | 1.048843 | 1.3274% | 1916 |
| 0.940941 | 1.062766 | 1.4083% | 1915 | 0.927874 | 1.077733 | 1.4458% | 1914 |
| 0.914650 | 1.093315 | 1.9424% | 1913 | 0.897222 | 1.114551 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.879753 | 1.136682 | 1.5634% | 1911 | 0.866211 | 1.154453 | 1.8169% | 1910 |
| 0.850754 | 1.175429 | 1.8781% | 1909 | 0.835070 | 1.197504 | 2.0082% | 1908 |
| 0.818630 | 1.221553 | 1.9603% | 1907 | 0.802892 | 1.245498 | 1.8264% | 1906 |
| 0.788491 | 1.268245 | 1.9357% | 1905 | 0.773518 | 1.292794 | 2.0148% | 1904 |
| 0.758241 | 1.318842 | 2.1335% | 1903 | 0.742402 | 1.346980 | 1.8151% | 1902 |
| 0.729166 | 1.371430 | 1.8943% | 1901 | 0.715610 | 1.397409 | 3.0255% | 1900 |
| 0.694595 | 1.439688 | 0.6278% | 1899 | 0.690261 | 1.448727 | 1.7757% | 1898 |
| 0.678218 | 1.474451 | 1.8078% | 1897 | 0.666176 | 1.501106 | 1.8396% | 1896 |
| 0.654142 | 1.528720 | 1.8755% | 1895 | 0.642099 | 1.557392 | 1.9114% | 1894 |
| 0.630056 | 1.587160 | 1.9486% | 1893 | 0.618014 | 1.618088 | 1.9858% | 1892 |
| 0.605980 | 1.650220 | 2.0276% | 1891 | 0.593937 | 1.683680 | 2.6465% | 1890 |
| 0.578624 | 1.728239 | 1.5328% | 1889 | 0.569888 | 1.754730 | 2.0811% | 1888 |
| 0.558270 | 1.791248 | 2.1599% | 1887 | 0.546467 | 1.829936 | 2.2075% | 1886 |
| 0.534664 | 1.870332 | 2.2592% | 1885 | 0.522852 | 1.912586 | 2.3095% | 1884 |
| 0.511049 | 1.956758 | 2.3641% | 1883 | 0.499246 | 2.003019 | 2.4214% | 1882 |
| 0.487444 | 2.051520 | 2.4815% | 1881 | 0.475641 | 2.102428 | 3.7644% | 1880 |
| 0.458385 | 2.181571 | 0.9432% | 1879 | 0.454102 | 2.202148 | 2.1464% | 1878 |
| 0.444560 | 2.249415 | 2.1913% | 1877 | 0.435027 | 2.298706 | 2.2426% | 1876 |
| 0.425485 | 2.350257 | 2.2941% | 1875 | 0.415943 | 2.404174 | 2.3456% | 1874 |
| 0.406411 | 2.460566 | 2.4043% | 1873 | 0.396869 | 2.519726 | 2.4635% | 1872 |
| 0.387327 | 2.581800 | 2.5258% | 1871 | 0.377785 | 2.647011 | 5.9947% | 1870 |
| 0.356419 | 2.805690 | -1.0968% | 1869 | 0.360371 | 2.774918 | 2.1930% | 1868 |
| 0.352638 | 2.835771 | 2.2394% | 1867 | 0.344914 | 2.899275 | 2.2935% | 1866 |
| 0.337181 | 2.965770 | 2.3445% | 1865 | 0.329456 | 3.035302 | 2.4037% | 1864 |
| 0.321723 | 3.108262 | 2.4599% | 1863 | 0.313999 | 3.184721 | 2.5250% | 1862 |
| 0.306266 | 3.265136 | 2.5872% | 1861 | 0.298542 | 3.349613 | 2.9504% | 1860 |
| 0.289986 | 3.448440 | 2.4012% | 1859 | 0.283186 | 3.531245 | 2.7627% | 1858 |
| 0.275573 | 3.628803 | 2.8412% | 1857 | 0.267960 | 3.731905 | 2.9243% | 1856 |
| 0.260346 | 3.841036 | 3.0161% | 1855 | 0.252724 | 3.956887 | 3.1061% | 1854 |
| 0.245111 | 4.079791 | 3.2056% | 1853 | 0.237497 | 4.210574 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.229884 | 4.350019 | 3.4252% | 1851 | 0.222271 | 4.499017 | 4.0106% | 1850 |
| 0.213700 | 4.679455 | 2.3254% | 1849 | 0.208844 | 4.788269 | 2.7841% | 1848 |
| 0.203187 | 4.921579 | 2.8590% | 1847 | 0.197539 | 5.062287 | 2.9432% | 1846 |
| 0.191891 | 5.211278 | 3.0324% | 1845 | 0.186244 | 5.369305 | 3.1325% | 1844 |
| 0.180587 | 5.537499 | 3.2284% | 1843 | 0.174939 | 5.716270 | 3.3361% | 1842 |
| 0.169292 | 5.906968 | 3.4512% | 1841 | 0.163644 | 6.110828 | 3.8105% | 1840 |
| 0.157637 | 6.343681 | 2.3861% | 1839 | 0.153964 | 6.495044 | 2.5824% | 1838 |
| 0.150088 | 6.662772 | 2.6573% | 1837 | 0.146203 | 6.839823 | 2.7232% | 1836 |
| 0.142327 | 7.026086 | 2.7994% | 1835 | 0.138451 | 7.222777 | 2.8871% | 1834 |
| 0.134566 | 7.431307 | 2.9657% | 1833 | 0.130690 | 7.651696 | 3.0563% | 1832 |
| 0.126814 | 7.885557 | 3.1604% | 1831 | 0.122929 | 8.134774 | 3.4660% | 1830 |
| 0.118811 | 8.416722 | 2.4653% | 1829 | 0.115953 | 8.624220 | 2.6804% | 1828 |
| 0.112926 | 8.855383 | 10.3427% | 1827 | 0.102341 | 9.771264 | -4.2314% | 1826 |
| 0.106863 | 9.357800 | 2.9150% | 1825 | 0.103836 | 9.630583 | 3.0026% | 1824 |
| 0.100809 | 9.919747 | 3.0955% | 1823 | 0.097782 | 10.226814 | 3.1944% | 1822 |
| 0.094755 | 10.553498 | 3.3102% | 1821 | 0.091719 | 10.902839 | 3.2277% | 1820 |
| 0.088851 | 11.254755 | 2.6573% | 1819 | 0.086551 | 11.553825 | 2.6261% | 1818 |
| 0.084337 | 11.857241 | 2.6969% | 1817 | 0.082122 | 12.177022 | 2.7717% | 1816 |
| 0.079907 | 12.514531 | 2.8507% | 1815 | 0.077692 | 12.871282 | 2.9343% | 1814 |
| 0.075478 | 13.248969 | 3.0231% | 1813 | 0.073263 | 13.649493 | 3.1039% | 1812 |
| 0.071057 | 14.073159 | 3.2172% | 1811 | 0.068842 | 14.525914 | 3.0969% | 1810 |
| 0.066775 | 14.975770 | 2.9144% | 1809 | 0.064884 | 15.412220 | 2.8225% | 1808 |
| 0.063103 | 15.847224 | 2.9199% | 1807 | 0.061312 | 16.309952 | 2.9918% | 1806 |
| 0.059531 | 16.797911 | 3.0841% | 1805 | 0.057750 | 17.315967 | 3.1822% | 1804 |
| 0.055969 | 17.866994 | 3.2868% | 1803 | 0.054188 | 18.454244 | 3.3985% | 1802 |
| 0.052407 | 19.081409 | 3.5180% | 1801 | 0.050626 | 19.752702 | 3.3999% | 1800 |
| 0.048961 | 20.424283 | 2.8419% | 1799 | 0.047608 | 21.004714 | 2.7485% | 1798 |
| 0.046335 | 21.582020 | 2.8261% | 1797 | 0.045061 | 22.191956 | 3.7832% | 1796 |
| 0.043419 | 23.031524 | 2.1272% | 1795 | 0.042514 | 23.521450 | 3.0879% | 1794 |
| 0.041241 | 24.247778 | 3.1625% | 1793 | 0.039977 | 25.014617 | 3.2904% | 1792 |

0.038703 25.837702 3.4024% 1791 0.037430 26.716795 3.2296% 1790
0.036259 27.579631 41.3145% 1780 0.025658 38.974004 29.4353% 1770
0.019823 50.446125 83.4728% 1750 0.010804 92.554938 29.2845% 1740
0.008357 119.659144 94.2514% 1720 0.004302 232.439556 85.8111%
1700 0.002315 431.898450 19.2490% 1690 0.001942 515.034796
88.0250% 1670 0.001033 968.394290

BASE YEAR: 1920

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 2.846736 0.351280 8.2857% 2001 2.628913 0.380385 1.0000%
2000 2.602884 0.384189 1.0000% 1999 2.577113 0.388031 1.0000% 1998
2.551597 0.391911 1.0000% 1997 2.526333 0.395831 1.0000% 1996
2.501320 0.399789 1.0000% 1995 2.476555 0.403787 0.9992% 1994
2.452053 0.407821 1.0008% 1993 2.427757 0.411903 1.0000% 1992
2.403720 0.416022 0.9295% 1991 2.381583 0.419889 1.2505% 1990
2.352168 0.425140 0.7224% 1989 2.335297 0.428211 1.1077% 1988
2.309713 0.432954 0.8834% 1987 2.289489 0.436779 0.5594% 1986
2.276753 0.439222 1.3056% 1985 2.247410 0.444957 0.7673% 1984
2.230298 0.448371 0.8149% 1983 2.212269 0.452025 0.9737% 1982
2.190935 0.456426 0.9508% 1981 2.170299 0.460766 0.9031% 1980
2.150876 0.464927 2.2701% 1979 2.103133 0.475481 1.0042% 1978
2.082224 0.480256 0.9896% 1977 2.061820 0.485008 0.9103% 1976
2.043220 0.489424 0.8394% 1975 2.026211 0.493532 0.9042% 1974
2.008055 0.497994 1.1568% 1973 1.985091 0.503755 0.9427% 1972
1.966553 0.508504 0.7426% 1971 1.952056 0.512280 1.4697% 1970
1.923781 0.519810 0.6968% 1969 1.910469 0.523432 0.8565% 1968
1.894244 0.527915 1.5090% 1967 1.866084 0.535882 0.9949% 1966
1.847701 0.541213 1.0575% 1965 1.828367 0.546936 1.1300% 1964
1.807937 0.553117 1.5537% 1963 1.780277 0.561710 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.754559 | 0.569944 | 1.5364% | 1961 | 1.728009 | 0.578701 | 2.1586% | 1960 |
| 1.691496 | 0.591193 | -1.6655% | 1959 | 1.720144 | 0.581347 | 4.3080% | 1958 |
| 1.649101 | 0.606391 | 2.1130% | 1957 | 1.614977 | 0.619204 | 1.9895% | 1956 |
| 1.583474 | 0.631523 | 2.1231% | 1955 | 1.550555 | 0.644931 | 1.4496% | 1954 |
| 1.528399 | 0.654280 | 2.1573% | 1953 | 1.496124 | 0.668394 | 1.2298% | 1952 |
| 1.477948 | 0.676614 | 1.6814% | 1951 | 1.453509 | 0.687990 | 1.6233% | 1950 |
| 1.430292 | 0.699158 | 1.4265% | 1949 | 1.410175 | 0.709132 | 1.7790% | 1948 |
| 1.385526 | 0.721747 | 1.8242% | 1947 | 1.360705 | 0.734913 | -2.6320% | 1946 |
| 1.397487 | 0.715570 | 3.1768% | 1945 | 1.354459 | 0.738302 | 6.4754% | 1944 |
| 1.272086 | 0.786111 | -0.3437% | 1943 | 1.276473 | 0.783409 | 0.6562% | 1942 |
| 1.268151 | 0.788550 | 0.6633% | 1941 | 1.259795 | 0.793780 | -5.6614% | 1940 |
| 1.335397 | 0.748841 | 8.0381% | 1939 | 1.236043 | 0.809034 | 0.8126% | 1938 |
| 1.226079 | 0.815608 | 0.7762% | 1937 | 1.216635 | 0.821939 | 0.6029% | 1936 |
| 1.209344 | 0.826894 | 0.5244% | 1935 | 1.203036 | 0.831231 | -3.0364% | 1934 |
| 1.240708 | 0.805991 | 4.6271% | 1933 | 1.185838 | 0.843286 | 1.3921% | 1932 |
| 1.169556 | 0.855025 | -0.2051% | 1931 | 1.171960 | 0.853272 | 0.8886% | 1930 |
| 1.161638 | 0.860854 | 1.0126% | 1929 | 1.149993 | 0.869571 | 1.1526% | 1928 |
| 1.136889 | 0.879593 | 1.2160% | 1927 | 1.123231 | 0.890289 | 1.4086% | 1926 |
| 1.107629 | 0.902830 | 1.7667% | 1925 | 1.088400 | 0.918780 | 1.4465% | 1924 |
| 1.072881 | 0.932070 | 1.7700% | 1923 | 1.054222 | 0.948567 | 1.6165% | 1922 |
| 1.037451 | 0.963901 | 1.3736% | 1921 | 1.023393 | 0.977142 | 2.3393% | 1920 |
| 1.000000 | 1.000000 | 1.3140% | 1919 | 0.987030 | 1.013140 | 0.7676% | 1918 |
| 0.979511 | 1.020917 | 0.3870% | 1917 | 0.975735 | 1.024868 | 1.3274% | 1916 |
| 0.962953 | 1.038473 | 1.4083% | 1915 | 0.949580 | 1.053097 | 1.4458% | 1914 |
| 0.936046 | 1.068323 | 1.9424% | 1913 | 0.918211 | 1.089074 | 1.9857% | 1912 |
| 0.900334 | 1.110699 | 1.5634% | 1911 | 0.886474 | 1.128064 | 1.8169% | 1910 |
| 0.870655 | 1.148560 | 1.8781% | 1909 | 0.854605 | 1.170131 | 2.0082% | 1908 |
| 0.837781 | 1.193630 | 1.9603% | 1907 | 0.821674 | 1.217028 | 1.8264% | 1906 |
| 0.806936 | 1.239255 | 1.9357% | 1905 | 0.791613 | 1.263243 | 2.0148% | 1904 |
| 0.775978 | 1.288695 | 2.1335% | 1903 | 0.759769 | 1.316190 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.746224 | 1.340081 | 1.8943% | 1901 | 0.732350 | 1.365467 | 3.0255% | 1900 |
| 0.710844 | 1.406779 | 0.6278% | 1899 | 0.706409 | 1.415611 | 1.7757% | 1898 |
| 0.694084 | 1.440748 | 1.8078% | 1897 | 0.681760 | 1.466793 | 1.8396% | 1896 |
| 0.669444 | 1.493776 | 1.8755% | 1895 | 0.657120 | 1.521792 | 1.9114% | 1894 |
| 0.644795 | 1.550880 | 1.9486% | 1893 | 0.632471 | 1.581101 | 1.9858% | 1892 |
| 0.620156 | 1.612498 | 2.0276% | 1891 | 0.607831 | 1.645194 | 2.6465% | 1890 |
| 0.592160 | 1.688734 | 1.5328% | 1889 | 0.583220 | 1.714619 | 2.0811% | 1888 |
| 0.571330 | 1.750303 | 2.1599% | 1887 | 0.559251 | 1.788107 | 2.2075% | 1886 |
| 0.547172 | 1.827580 | 2.2592% | 1885 | 0.535083 | 1.868868 | 2.3095% | 1884 |
| 0.523004 | 1.912030 | 2.3641% | 1883 | 0.510925 | 1.957233 | 2.4214% | 1882 |
| 0.498846 | 2.004625 | 2.4815% | 1881 | 0.486767 | 2.054369 | 3.7644% | 1880 |
| 0.469108 | 2.131704 | 0.9432% | 1879 | 0.464725 | 2.151811 | 2.1464% | 1878 |
| 0.454960 | 2.197997 | 2.1913% | 1877 | 0.445204 | 2.246162 | 2.2426% | 1876 |
| 0.435439 | 2.296534 | 2.2941% | 1875 | 0.425674 | 2.349218 | 2.3456% | 1874 |
| 0.415918 | 2.404321 | 2.4043% | 1873 | 0.406153 | 2.462129 | 2.4635% | 1872 |
| 0.396387 | 2.522784 | 2.5258% | 1871 | 0.386622 | 2.586504 | 5.9947% | 1870 |
| 0.364756 | 2.741557 | -1.0968% | 1869 | 0.368801 | 2.711488 | 2.1930% | 1868 |
| 0.360887 | 2.770950 | 2.2394% | 1867 | 0.352982 | 2.833003 | 2.2935% | 1866 |
| 0.345068 | 2.897978 | 2.3445% | 1865 | 0.337164 | 2.965920 | 2.4037% | 1864 |
| 0.329249 | 3.037212 | 2.4599% | 1863 | 0.321345 | 3.111924 | 2.5250% | 1862 |
| 0.313431 | 3.190500 | 2.5872% | 1861 | 0.305526 | 3.273046 | 2.9504% | 1860 |
| 0.296770 | 3.369614 | 2.4012% | 1859 | 0.289811 | 3.450527 | 2.7627% | 1858 |
| 0.282019 | 3.545855 | 2.8412% | 1857 | 0.274228 | 3.646600 | 2.9243% | 1856 |
| 0.266437 | 3.753237 | 3.0161% | 1855 | 0.258636 | 3.866439 | 3.1061% | 1854 |
| 0.250845 | 3.986533 | 3.2056% | 1853 | 0.243053 | 4.114327 | 3.3118% | 1852 |
| 0.235262 | 4.250584 | 3.4252% | 1851 | 0.227470 | 4.396177 | 4.0106% | 1850 |
| 0.218699 | 4.572490 | 2.3254% | 1849 | 0.213729 | 4.678817 | 2.7841% | 1848 |
| 0.207940 | 4.809079 | 2.8590% | 1847 | 0.202160 | 4.946572 | 2.9432% | 1846 |
| 0.196380 | 5.092157 | 3.0324% | 1845 | 0.190601 | 5.246572 | 3.1325% | 1844 |
| 0.184811 | 5.410921 | 3.2284% | 1843 | 0.179032 | 5.585605 | 3.3361% | 1842 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.173252 | 5.771944 | 3.4512% | 1841 | 0.167472 | 5.971145 | 3.8105% | 1840 |
| 0.161325 | 6.198675 | 2.3861% | 1839 | 0.157565 | 6.346578 | 2.5824% | 1838 |
| 0.153599 | 6.510472 | 2.6573% | 1837 | 0.149623 | 6.683476 | 2.7232% | 1836 |
| 0.145656 | 6.865481 | 2.7994% | 1835 | 0.141690 | 7.057676 | 2.8871% | 1834 |
| 0.137714 | 7.261439 | 2.9657% | 1833 | 0.133747 | 7.476791 | 3.0563% | 1832 |
| 0.129781 | 7.705306 | 3.1604% | 1831 | 0.125805 | 7.948826 | 3.4660% | 1830 |
| 0.121590 | 8.224330 | 2.4653% | 1829 | 0.118665 | 8.427084 | 2.6804% | 1828 |
| 0.115567 | 8.652963 | 10.3427% | 1827 | 0.104735 | 9.547909 | -4.2314% | 1826 |
| 0.109363 | 9.143896 | 2.9150% | 1825 | 0.106265 | 9.410443 | 3.0026% | 1824 |
| 0.103167 | 9.692998 | 3.0955% | 1823 | 0.100070 | 9.993045 | 3.1944% | 1822 |
| 0.096972 | 10.312262 | 3.3102% | 1821 | 0.093865 | 10.653618 | 3.2277% | 1820 |
| 0.090930 | 10.997489 | 2.6573% | 1819 | 0.088576 | 11.289723 | 2.6261% | 1818 |
| 0.086310 | 11.586203 | 2.6969% | 1817 | 0.084043 | 11.898675 | 2.7717% | 1816 |
| 0.081776 | 12.228469 | 2.8507% | 1815 | 0.079510 | 12.577065 | 2.9343% | 1814 |
| 0.077243 | 12.946119 | 3.0231% | 1813 | 0.074977 | 13.337487 | 3.1039% | 1812 |
| 0.072720 | 13.751469 | 3.2172% | 1811 | 0.070453 | 14.193875 | 3.0969% | 1810 |
| 0.068337 | 14.633448 | 2.9144% | 1809 | 0.066401 | 15.059922 | 2.8225% | 1808 |
| 0.064579 | 15.484982 | 2.9199% | 1807 | 0.062747 | 15.937133 | 2.9918% | 1806 |
| 0.060924 | 16.413937 | 3.0841% | 1805 | 0.059101 | 16.920152 | 3.1822% | 1804 |
| 0.057278 | 17.458584 | 3.2868% | 1803 | 0.055456 | 18.032410 | 3.3985% | 1802 |
| 0.053633 | 18.645239 | 3.5180% | 1801 | 0.051810 | 19.301187 | 3.3999% | 1800 |
| 0.050107 | 19.957417 | 2.8419% | 1799 | 0.048722 | 20.524580 | 2.7485% | 1798 |
| 0.047419 | 21.088690 | 2.8261% | 1797 | 0.046115 | 21.684684 | 3.7832% | 1796 |
| 0.044434 | 22.505061 | 2.1272% | 1795 | 0.043509 | 22.983788 | 3.0879% | 1794 |
| 0.042206 | 23.693513 | 3.1625% | 1793 | 0.040912 | 24.442823 | 3.2904% | 1792 |
| 0.039609 | 25.247093 | 3.4024% | 1791 | 0.038305 | 26.106092 | 3.2296% | 1790 |
| 0.037107 | 26.949205 | 41.3145% | 1780 | 0.026258 | 38.083121 | 29.4353% | 1770 |
| 0.020287 | 49.293008 | 83.4728% | 1750 | 0.011057 | 90.439281 | 29.2845% | 1740 |
| 0.008553 | 116.923929 | 94.2514% | 1720 | 0.004403 | 227.126362 | 85.8111% | |

1700 0.002370 422.025947 19.2490% 1690 0.001987 503.261930
 88.0250% 1670 0.001057 946.258356

BASE YEAR: 1919

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 2.884142 | 0.346724 | 8.2857% | 2001 | 2.663457 | 0.375452 | 1.0000% |
| 2000 | 2.637086 | 0.379206 | 1.0000% | 1999 | 2.610976 | 0.382999 | 1.0000% |
| 1998 | 2.585125 | 0.386828 | 1.0000% | 1997 | 2.559530 | 0.390697 | 1.0000% |
| 1996 | 2.534188 | 0.394604 | 1.0000% | 1995 | 2.509097 | 0.398550 | 0.9992% |
| 1994 | 2.484273 | 0.402532 | 1.0008% | 1993 | 2.459658 | 0.406561 | 1.0000% |
| 1992 | 2.435305 | 0.410626 | 0.9295% | 1991 | 2.412877 | 0.414443 | 1.2505% |
| 1990 | 2.383076 | 0.419626 | 0.7224% | 1989 | 2.365983 | 0.422657 | 1.1077% |
| 1988 | 2.340063 | 0.427339 | 0.8834% | 1987 | 2.319573 | 0.431114 | 0.5594% |
| 1986 | 2.306670 | 0.433525 | 1.3056% | 1985 | 2.276942 | 0.439186 | 0.7673% |
| 1984 | 2.259604 | 0.442555 | 0.8149% | 1983 | 2.241338 | 0.446162 | 0.9737% |
| 1982 | 2.219724 | 0.450506 | 0.9508% | 1981 | 2.198817 | 0.454790 | 0.9031% |
| 1980 | 2.179138 | 0.458897 | 2.2701% | 1979 | 2.130768 | 0.469314 | 1.0042% |
| 1978 | 2.109584 | 0.474027 | 0.9896% | 1977 | 2.088912 | 0.478718 | 0.9103% |
| 1976 | 2.070068 | 0.483076 | 0.8394% | 1975 | 2.052836 | 0.487131 | 0.9042% |
| 1974 | 2.034441 | 0.491536 | 1.1568% | 1973 | 2.011176 | 0.497222 | 0.9427% |
| 1972 | 1.992393 | 0.501909 | 0.7426% | 1971 | 1.977706 | 0.505636 | 1.4697% |
| 1970 | 1.949060 | 0.513068 | 0.6968% | 1969 | 1.935573 | 0.516643 | 0.8565% |
| 1968 | 1.919134 | 0.521068 | 1.5090% | 1967 | 1.890605 | 0.528931 | 0.9949% |
| 1966 | 1.871980 | 0.534194 | 1.0575% | 1965 | 1.852392 | 0.539843 | 1.1300% |
| 1964 | 1.831693 | 0.545943 | 1.5537% | 1963 | 1.803670 | 0.554425 | 1.4658% |
| 1962 | 1.777614 | 0.562552 | 1.5364% | 1961 | 1.750715 | 0.571195 | 2.1586% |
| 1960 | 1.713722 | 0.583525 | -1.6655% | 1959 | 1.742747 | 0.573807 | 4.3080% |
| 1958 | 1.670771 | 0.598526 | 2.1130% | 1957 | 1.636198 | 0.611173 | 1.9895% |
| 1956 | 1.604281 | 0.623332 | 2.1231% | 1955 | 1.570929 | 0.636566 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.548482 | 0.645794 | 2.1573% | 1953 | 1.515783 | 0.659725 | 1.2298% | 1952 |
| 1.497369 | 0.667838 | 1.6814% | 1951 | 1.472609 | 0.679067 | 1.6233% | 1950 |
| 1.449086 | 0.690090 | 1.4265% | 1949 | 1.428705 | 0.699935 | 1.7790% | 1948 |
| 1.403732 | 0.712387 | 1.8242% | 1947 | 1.378584 | 0.725382 | -2.6320% | 1946 |
| 1.415850 | 0.706289 | 3.1768% | 1945 | 1.372256 | 0.728727 | 6.4754% | 1944 |
| 1.288801 | 0.775915 | -0.3437% | 1943 | 1.293246 | 0.773248 | 0.6562% | 1942 |
| 1.284814 | 0.778323 | 0.6633% | 1941 | 1.276348 | 0.783485 | -5.6614% | 1940 |
| 1.352944 | 0.739129 | 8.0381% | 1939 | 1.252284 | 0.798541 | 0.8126% | 1938 |
| 1.242190 | 0.805030 | 0.7762% | 1937 | 1.232622 | 0.811279 | 0.6029% | 1936 |
| 1.225235 | 0.816170 | 0.5244% | 1935 | 1.218844 | 0.820450 | -3.0364% | 1934 |
| 1.257011 | 0.795538 | 4.6271% | 1933 | 1.201420 | 0.832348 | 1.3921% | 1932 |
| 1.184924 | 0.843936 | -0.2051% | 1931 | 1.187359 | 0.842205 | 0.8886% | 1930 |
| 1.176902 | 0.849689 | 1.0126% | 1929 | 1.165104 | 0.858293 | 1.1526% | 1928 |
| 1.151828 | 0.868185 | 1.2160% | 1927 | 1.137990 | 0.878742 | 1.4086% | 1926 |
| 1.122183 | 0.891120 | 1.7667% | 1925 | 1.102702 | 0.906863 | 1.4465% | 1924 |
| 1.086979 | 0.919981 | 1.7700% | 1923 | 1.068074 | 0.936265 | 1.6165% | 1922 |
| 1.051083 | 0.951400 | 1.3736% | 1921 | 1.036841 | 0.964468 | 2.3393% | 1920 |
| 1.013140 | 0.987030 | 1.3140% | 1919 | 1.000000 | 1.000000 | 0.7676% | 1918 |
| 0.992382 | 1.007676 | 0.3870% | 1917 | 0.988556 | 1.011576 | 1.3274% | 1916 |
| 0.975606 | 1.025004 | 1.4083% | 1915 | 0.962057 | 1.039439 | 1.4458% | 1914 |
| 0.948346 | 1.054467 | 1.9424% | 1913 | 0.930277 | 1.074949 | 1.9857% | 1912 |
| 0.912164 | 1.096294 | 1.5634% | 1911 | 0.898123 | 1.113434 | 1.8169% | 1910 |
| 0.882096 | 1.133664 | 1.8781% | 1909 | 0.865835 | 1.154955 | 2.0082% | 1908 |
| 0.848789 | 1.178149 | 1.9603% | 1907 | 0.832471 | 1.201244 | 1.8264% | 1906 |
| 0.817539 | 1.223183 | 1.9357% | 1905 | 0.802015 | 1.246859 | 2.0148% | 1904 |
| 0.786175 | 1.271982 | 2.1335% | 1903 | 0.769752 | 1.299120 | 1.8151% | 1902 |
| 0.756029 | 1.322701 | 1.8943% | 1901 | 0.741973 | 1.347757 | 3.0255% | 1900 |
| 0.720184 | 1.388534 | 0.6278% | 1899 | 0.715691 | 1.397251 | 1.7757% | 1898 |
| 0.703204 | 1.422062 | 1.8078% | 1897 | 0.690718 | 1.447769 | 1.8396% | 1896 |
| 0.678241 | 1.474402 | 1.8755% | 1895 | 0.665754 | 1.502055 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.653268 | 1.530765 | 1.9486% | 1893 | 0.640782 | 1.560594 | 1.9858% | 1892 |
| 0.628305 | 1.591585 | 2.0276% | 1891 | 0.615818 | 1.623856 | 2.6465% | 1890 |
| 0.599941 | 1.666832 | 1.5328% | 1889 | 0.590883 | 1.692381 | 2.0811% | 1888 |
| 0.578837 | 1.727602 | 2.1599% | 1887 | 0.566599 | 1.764915 | 2.2075% | 1886 |
| 0.554362 | 1.803877 | 2.2592% | 1885 | 0.542114 | 1.844629 | 2.3095% | 1884 |
| 0.529877 | 1.887232 | 2.3641% | 1883 | 0.517639 | 1.931848 | 2.4214% | 1882 |
| 0.505401 | 1.978626 | 2.4815% | 1881 | 0.493164 | 2.027725 | 3.7644% | 1880 |
| 0.475272 | 2.104057 | 0.9432% | 1879 | 0.470831 | 2.123903 | 2.1464% | 1878 |
| 0.460938 | 2.169490 | 2.1913% | 1877 | 0.451054 | 2.217030 | 2.2426% | 1876 |
| 0.441160 | 2.266749 | 2.2941% | 1875 | 0.431267 | 2.318750 | 2.3456% | 1874 |
| 0.421383 | 2.373138 | 2.4043% | 1873 | 0.411489 | 2.430196 | 2.4635% | 1872 |
| 0.401596 | 2.490065 | 2.5258% | 1871 | 0.391702 | 2.552958 | 5.9947% | 1870 |
| 0.369549 | 2.706000 | -1.0968% | 1869 | 0.373647 | 2.676321 | 2.1930% | 1868 |
| 0.365629 | 2.735012 | 2.2394% | 1867 | 0.357621 | 2.796260 | 2.2935% | 1866 |
| 0.349602 | 2.860392 | 2.3445% | 1865 | 0.341594 | 2.927453 | 2.4037% | 1864 |
| 0.333576 | 2.997820 | 2.4599% | 1863 | 0.325567 | 3.071563 | 2.5250% | 1862 |
| 0.317549 | 3.149120 | 2.5872% | 1861 | 0.309540 | 3.230596 | 2.9504% | 1860 |
| 0.300669 | 3.325911 | 2.4012% | 1859 | 0.293619 | 3.405774 | 2.7627% | 1858 |
| 0.285725 | 3.499866 | 2.8412% | 1857 | 0.277831 | 3.599304 | 2.9243% | 1856 |
| 0.269938 | 3.704558 | 3.0161% | 1855 | 0.262034 | 3.816293 | 3.1061% | 1854 |
| 0.254141 | 3.934829 | 3.2056% | 1853 | 0.246247 | 4.060965 | 3.3118% | 1852 |
| 0.238353 | 4.195456 | 3.4252% | 1851 | 0.230459 | 4.339160 | 4.0106% | 1850 |
| 0.221573 | 4.513186 | 2.3254% | 1849 | 0.216538 | 4.618134 | 2.7841% | 1848 |
| 0.210672 | 4.746707 | 2.8590% | 1847 | 0.204817 | 4.882416 | 2.9432% | 1846 |
| 0.198961 | 5.026113 | 3.0324% | 1845 | 0.193105 | 5.178525 | 3.1325% | 1844 |
| 0.187240 | 5.340743 | 3.2284% | 1843 | 0.181384 | 5.513161 | 3.3361% | 1842 |
| 0.175528 | 5.697084 | 3.4512% | 1841 | 0.169673 | 5.893701 | 3.8105% | 1840 |
| 0.163445 | 6.118280 | 2.3861% | 1839 | 0.159636 | 6.264265 | 2.5824% | 1838 |
| 0.155617 | 6.426033 | 2.6573% | 1837 | 0.151589 | 6.596794 | 2.7232% | 1836 |
| 0.147570 | 6.776438 | 2.7994% | 1835 | 0.143552 | 6.966140 | 2.8871% | 1834 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.139523 | 7.167261 | 2.9657% | 1833 | 0.135505 | 7.379819 | 3.0563% | 1832 |
| 0.131486 | 7.605370 | 3.1604% | 1831 | 0.127458 | 7.845732 | 3.4660% | 1830 |
| 0.123188 | 8.117663 | 2.4653% | 1829 | 0.120224 | 8.317788 | 2.6804% | 1828 |
| 0.117086 | 8.540737 | 10.3427% | 1827 | 0.106111 | 9.424076 | -4.2314% | 1826 |
| 0.110800 | 9.025302 | 2.9150% | 1825 | 0.107661 | 9.288393 | 3.0026% | 1824 |
| 0.104523 | 9.567283 | 3.0955% | 1823 | 0.101385 | 9.863439 | 3.1944% | 1822 |
| 0.098246 | 10.178516 | 3.3102% | 1821 | 0.095098 | 10.515444 | 3.2277% | 1820 |
| 0.092125 | 10.854855 | 2.6573% | 1819 | 0.089740 | 11.143299 | 2.6261% | 1818 |
| 0.087444 | 11.435934 | 2.6969% | 1817 | 0.085147 | 11.744353 | 2.7717% | 1816 |
| 0.082851 | 12.069869 | 2.8507% | 1815 | 0.080555 | 12.413945 | 2.9343% | 1814 |
| 0.078258 | 12.778212 | 3.0231% | 1813 | 0.075962 | 13.164504 | 3.1039% | 1812 |
| 0.073675 | 13.573117 | 3.2172% | 1811 | 0.071379 | 14.009786 | 3.0969% | 1810 |
| 0.069235 | 14.443657 | 2.9144% | 1809 | 0.067274 | 14.864600 | 2.8225% | 1808 |
| 0.065427 | 15.284147 | 2.9199% | 1807 | 0.063571 | 15.730433 | 2.9918% | 1806 |
| 0.061724 | 16.201054 | 3.0841% | 1805 | 0.059878 | 16.700703 | 3.1822% | 1804 |
| 0.058031 | 17.232152 | 3.2868% | 1803 | 0.056184 | 17.798535 | 3.3985% | 1802 |
| 0.054338 | 18.403416 | 3.5180% | 1801 | 0.052491 | 19.050857 | 3.3999% | 1800 |
| 0.050765 | 19.698576 | 2.8419% | 1799 | 0.049362 | 20.258383 | 2.7485% | 1798 |
| 0.048042 | 20.815176 | 2.8261% | 1797 | 0.046721 | 21.403441 | 3.7832% | 1796 |
| 0.045018 | 22.213177 | 2.1272% | 1795 | 0.044081 | 22.685696 | 3.0879% | 1794 |
| 0.042760 | 23.386216 | 3.1625% | 1793 | 0.041449 | 24.125808 | 3.2904% | 1792 |
| 0.040129 | 24.919647 | 3.4024% | 1791 | 0.038809 | 25.767505 | 3.2296% | 1790 |
| 0.037594 | 26.599683 | 41.3145% | 1780 | 0.026603 | 37.589196 | 29.4353% | 1770 |
| 0.020553 | 48.653694 | 83.4728% | 1750 | 0.011202 | 89.266314 | 29.2845% | 1740 |
| 0.008665 | 115.407465 | 94.2514% | 1720 | 0.004461 | 224.180609 | 85.8111% | 1700 |
| 0.002401 | 416.552411 | 19.2490% | 1690 | 0.002013 | 496.734791 | 88.0250% | 1670 |
| 0.001071 | 933.985702 | | | | | | |

BASE YEAR: 1918

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 2.906282 | 0.344082 | 8.2857% | 2001 | 2.683903 | 0.372592 | 1.0000% |
| 2000 | 2.657329 | 0.376318 | 1.0000% | 1999 | 2.631019 | 0.380081 | 1.0000% |
| 1998 | 2.604970 | 0.383882 | 1.0000% | 1997 | 2.579178 | 0.387720 | 1.0000% |
| 1996 | 2.553641 | 0.391598 | 1.0000% | 1995 | 2.528358 | 0.395514 | 0.9992% |
| 1994 | 2.503344 | 0.399466 | 1.0008% | 1993 | 2.478539 | 0.403463 | 1.0000% |
| 1992 | 2.453999 | 0.407498 | 0.9295% | 1991 | 2.431399 | 0.411286 | 1.2505% |
| 1990 | 2.401370 | 0.416429 | 0.7224% | 1989 | 2.384145 | 0.419437 | 1.1077% |
| 1988 | 2.358026 | 0.424083 | 0.8834% | 1987 | 2.337379 | 0.427830 | 0.5594% |
| 1986 | 2.324377 | 0.430223 | 1.3056% | 1985 | 2.294420 | 0.435840 | 0.7673% |
| 1984 | 2.276950 | 0.439184 | 0.8149% | 1983 | 2.258544 | 0.442763 | 0.9737% |
| 1982 | 2.236763 | 0.447075 | 0.9508% | 1981 | 2.215696 | 0.451325 | 0.9031% |
| 1980 | 2.195866 | 0.455401 | 2.2701% | 1979 | 2.147125 | 0.465739 | 1.0042% |
| 1978 | 2.125779 | 0.470416 | 0.9896% | 1977 | 2.104948 | 0.475071 | 0.9103% |
| 1976 | 2.085959 | 0.479396 | 0.8394% | 1975 | 2.068594 | 0.483420 | 0.9042% |
| 1974 | 2.050058 | 0.487791 | 1.1568% | 1973 | 2.026614 | 0.493434 | 0.9427% |
| 1972 | 2.007688 | 0.498085 | 0.7426% | 1971 | 1.992888 | 0.501784 | 1.4697% |
| 1970 | 1.964022 | 0.509159 | 0.6968% | 1969 | 1.950431 | 0.512707 | 0.8565% |
| 1968 | 1.933867 | 0.517099 | 1.5090% | 1967 | 1.905118 | 0.524902 | 0.9949% |
| 1966 | 1.886350 | 0.530124 | 1.0575% | 1965 | 1.866611 | 0.535730 | 1.1300% |
| 1964 | 1.845754 | 0.541784 | 1.5537% | 1963 | 1.817516 | 0.550201 | 1.4658% |
| 1962 | 1.791260 | 0.558266 | 1.5364% | 1961 | 1.764154 | 0.566844 | 2.1586% |
| 1960 | 1.726877 | 0.579080 | -1.6655% | 1959 | 1.756125 | 0.569435 | 4.3080% |
| 1958 | 1.683596 | 0.593967 | 2.1130% | 1957 | 1.648759 | 0.606517 | 1.9895% |
| 1956 | 1.616596 | 0.618584 | 2.1231% | 1955 | 1.582988 | 0.631717 | 1.4496% |
| 1954 | 1.560369 | 0.640874 | 2.1573% | 1953 | 1.527419 | 0.654699 | 1.2298% |
| 1952 | 1.508863 | 0.662751 | 1.6814% | 1951 | 1.483913 | 0.673894 | 1.6233% |
| 1950 | 1.460210 | 0.684833 | 1.4265% | 1949 | 1.439672 | 0.694602 | 1.7790% |
| 1948 | 1.414508 | 0.706960 | 1.8242% | 1947 | 1.389167 | 0.719856 | -2.6320% |
| 1946 | 1.426719 | 0.700909 | 3.1768% | 1945 | 1.382790 | 0.723175 | 6.4754% |
| 1944 | 1.298694 | 0.770004 | -0.3437% | 1943 | 1.303173 | 0.767358 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.294677 | 0.772393 | 0.6633% | 1941 | 1.286146 | 0.777517 | -5.6614% | 1940 |
| 1.363330 | 0.733498 | 8.0381% | 1939 | 1.261897 | 0.792457 | 0.8126% | 1938 |
| 1.251726 | 0.798897 | 0.7762% | 1937 | 1.242084 | 0.805099 | 0.6029% | 1936 |
| 1.234641 | 0.809952 | 0.5244% | 1935 | 1.228200 | 0.814200 | -3.0364% | 1934 |
| 1.266660 | 0.789478 | 4.6271% | 1933 | 1.210643 | 0.826008 | 1.3921% | 1932 |
| 1.194020 | 0.837507 | -0.2051% | 1931 | 1.196474 | 0.835789 | 0.8886% | 1930 |
| 1.185936 | 0.843216 | 1.0126% | 1929 | 1.174048 | 0.851754 | 1.1526% | 1928 |
| 1.160670 | 0.861571 | 1.2160% | 1927 | 1.146726 | 0.872048 | 1.4086% | 1926 |
| 1.130798 | 0.884332 | 1.7667% | 1925 | 1.111167 | 0.899955 | 1.4465% | 1924 |
| 1.095323 | 0.912973 | 1.7700% | 1923 | 1.076273 | 0.929132 | 1.6165% | 1922 |
| 1.059152 | 0.944152 | 1.3736% | 1921 | 1.044800 | 0.957121 | 2.3393% | 1920 |
| 1.020917 | 0.979511 | 1.3140% | 1919 | 1.007676 | 0.992382 | 0.7676% | 1918 |
| 1.000000 | 1.000000 | 0.3870% | 1917 | 0.996145 | 1.003870 | 1.3274% | 1916 |
| 0.983095 | 1.017196 | 1.4083% | 1915 | 0.969443 | 1.031521 | 1.4458% | 1914 |
| 0.955626 | 1.046434 | 1.9424% | 1913 | 0.937418 | 1.066760 | 1.9857% | 1912 |
| 0.919166 | 1.087943 | 1.5634% | 1911 | 0.905017 | 1.104951 | 1.8169% | 1910 |
| 0.888867 | 1.125028 | 1.8781% | 1909 | 0.872481 | 1.146156 | 2.0082% | 1908 |
| 0.855305 | 1.169174 | 1.9603% | 1907 | 0.838861 | 1.192093 | 1.8264% | 1906 |
| 0.823815 | 1.213864 | 1.9357% | 1905 | 0.808172 | 1.237361 | 2.0148% | 1904 |
| 0.792210 | 1.262292 | 2.1335% | 1903 | 0.775661 | 1.289223 | 1.8151% | 1902 |
| 0.761833 | 1.312624 | 1.8943% | 1901 | 0.747669 | 1.337490 | 3.0255% | 1900 |
| 0.725713 | 1.377956 | 0.6278% | 1899 | 0.721185 | 1.386607 | 1.7757% | 1898 |
| 0.708602 | 1.411228 | 1.8078% | 1897 | 0.696020 | 1.436740 | 1.8396% | 1896 |
| 0.683447 | 1.463170 | 1.8755% | 1895 | 0.670865 | 1.490613 | 1.9114% | 1894 |
| 0.658283 | 1.519104 | 1.9486% | 1893 | 0.645700 | 1.548706 | 1.9858% | 1892 |
| 0.633128 | 1.579460 | 2.0276% | 1891 | 0.620545 | 1.611486 | 2.6465% | 1890 |
| 0.604546 | 1.654134 | 1.5328% | 1889 | 0.595419 | 1.679489 | 2.0811% | 1888 |
| 0.583280 | 1.714441 | 2.1599% | 1887 | 0.570949 | 1.751470 | 2.2075% | 1886 |
| 0.558617 | 1.790135 | 2.2592% | 1885 | 0.546276 | 1.830577 | 2.3095% | 1884 |
| 0.533944 | 1.872855 | 2.3641% | 1883 | 0.521613 | 1.917132 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.509281 | 1.963553 | 2.4815% | 1881 | 0.496949 | 2.012278 | 3.7644% | 1880 |
| 0.478921 | 2.088028 | 0.9432% | 1879 | 0.474446 | 2.107723 | 2.1464% | 1878 |
| 0.464476 | 2.152963 | 2.1913% | 1877 | 0.454516 | 2.200141 | 2.2426% | 1876 |
| 0.444547 | 2.249481 | 2.2941% | 1875 | 0.434578 | 2.301085 | 2.3456% | 1874 |
| 0.424618 | 2.355060 | 2.4043% | 1873 | 0.414648 | 2.411683 | 2.4635% | 1872 |
| 0.404679 | 2.471096 | 2.5258% | 1871 | 0.394709 | 2.533510 | 5.9947% | 1870 |
| 0.372386 | 2.685385 | -1.0968% | 1869 | 0.376516 | 2.655933 | 2.1930% | 1868 |
| 0.368436 | 2.714176 | 2.2394% | 1867 | 0.360366 | 2.774958 | 2.2935% | 1866 |
| 0.352286 | 2.838602 | 2.3445% | 1865 | 0.344216 | 2.905152 | 2.4037% | 1864 |
| 0.336136 | 2.974983 | 2.4599% | 1863 | 0.328066 | 3.048164 | 2.5250% | 1862 |
| 0.319987 | 3.125130 | 2.5872% | 1861 | 0.311917 | 3.205985 | 2.9504% | 1860 |
| 0.302978 | 3.300575 | 2.4012% | 1859 | 0.295873 | 3.379829 | 2.7627% | 1858 |
| 0.287919 | 3.473204 | 2.8412% | 1857 | 0.279964 | 3.571885 | 2.9243% | 1856 |
| 0.272010 | 3.676337 | 3.0161% | 1855 | 0.264046 | 3.787221 | 3.1061% | 1854 |
| 0.256092 | 3.904854 | 3.2056% | 1853 | 0.248137 | 4.030029 | 3.3118% | 1852 |
| 0.240183 | 4.163495 | 3.4252% | 1851 | 0.232228 | 4.306104 | 4.0106% | 1850 |
| 0.223274 | 4.478805 | 2.3254% | 1849 | 0.218200 | 4.582954 | 2.7841% | 1848 |
| 0.212290 | 4.710547 | 2.8590% | 1847 | 0.206389 | 4.845222 | 2.9432% | 1846 |
| 0.200488 | 4.987825 | 3.0324% | 1845 | 0.194588 | 5.139076 | 3.1325% | 1844 |
| 0.188677 | 5.300057 | 3.2284% | 1843 | 0.182777 | 5.471162 | 3.3361% | 1842 |
| 0.176876 | 5.653684 | 3.4512% | 1841 | 0.170975 | 5.848803 | 3.8105% | 1840 |
| 0.164699 | 6.071671 | 2.3861% | 1839 | 0.160861 | 6.216544 | 2.5824% | 1838 |
| 0.156812 | 6.377080 | 2.6573% | 1837 | 0.152752 | 6.546539 | 2.7232% | 1836 |
| 0.148703 | 6.724815 | 2.7994% | 1835 | 0.144653 | 6.913072 | 2.8871% | 1834 |
| 0.140594 | 7.112661 | 2.9657% | 1833 | 0.136545 | 7.323600 | 3.0563% | 1832 |
| 0.132495 | 7.547433 | 3.1604% | 1831 | 0.128436 | 7.785964 | 3.4660% | 1830 |
| 0.124134 | 8.055823 | 2.4653% | 1829 | 0.121147 | 8.254423 | 2.6804% | 1828 |
| 0.117985 | 8.475674 | 10.3427% | 1827 | 0.106926 | 9.352284 | -4.2314% | 1826 |
| 0.111650 | 8.956548 | 2.9150% | 1825 | 0.108488 | 9.217635 | 3.0026% | 1824 |
| 0.105325 | 9.494400 | 3.0955% | 1823 | 0.102163 | 9.788300 | 3.1944% | 1822 |

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|----------|------------|------------|------------|----------|------------|------------|------|
| 0.099000 | 10.100976 | 3.3102% | 1821 | 0.095828 | 10.435338 | 3.2277% | 1820 |
| 0.092832 | 10.772164 | 2.6573% | 1819 | 0.090429 | 11.058410 | 2.6261% | 1818 |
| 0.088115 | 11.348816 | 2.6969% | 1817 | 0.085801 | 11.654885 | 2.7717% | 1816 |
| 0.083487 | 11.977922 | 2.8507% | 1815 | 0.081173 | 12.319376 | 2.9343% | 1814 |
| 0.078859 | 12.680869 | 3.0231% | 1813 | 0.076545 | 13.064218 | 3.1039% | 1812 |
| 0.074241 | 13.469718 | 3.2172% | 1811 | 0.071927 | 13.903060 | 3.0969% | 1810 |
| 0.069766 | 14.333626 | 2.9144% | 1809 | 0.067790 | 14.751362 | 2.8225% | 1808 |
| 0.065930 | 15.167714 | 2.9199% | 1807 | 0.064059 | 15.610600 | 2.9918% | 1806 |
| 0.062198 | 16.077635 | 3.0841% | 1805 | 0.060337 | 16.573478 | 3.1822% | 1804 |
| 0.058477 | 17.100878 | 3.2868% | 1803 | 0.056616 | 17.662947 | 3.3985% | 1802 |
| 0.054755 | 18.263220 | 3.5180% | 1801 | 0.052894 | 18.905728 | 3.3999% | 1800 |
| 0.051155 | 19.548513 | 2.8419% | 1799 | 0.049741 | 20.104056 | 2.7485% | 1798 |
| 0.048411 | 20.656607 | 2.8261% | 1797 | 0.047080 | 21.240390 | 3.7832% | 1796 |
| 0.045364 | 22.043959 | 2.1272% | 1795 | 0.044419 | 22.512877 | 3.0879% | 1794 |
| 0.043088 | 23.208061 | 3.1625% | 1793 | 0.041768 | 23.942019 | 3.2904% | 1792 |
| 0.040437 | 24.729810 | 3.4024% | 1791 | 0.039106 | 25.571209 | 3.2296% | 1790 |
| 0.037883 | 26.397048 | 41.3145% | 1780 | 0.026808 | 37.302843 | 29.4353% | 1770 |
| 0.020711 | 48.283052 | 83.4728% | 1750 | 0.011288 | 88.586287 | 29.2845% | 1740 |
| 0.008731 | 114.528296 | 94.2514% | 1720 | 0.004495 | 222.472812 | 85.8111% | |
| 1700 | 0.002419 | 413.379135 | 19.2490% | 1690 | 0.002029 | 492.950689 | |
| 88.0250% | 1670 | 0.001079 | 926.870643 | | | | |

BASE YEAR: 1917

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.917529 | 0.342756 | 8.2857% | 2001 | 2.694289 | 0.371155 | 1.0000% |
| 2000 | 2.667613 | 0.374867 | 1.0000% | 1999 | 2.641201 | 0.378616 | 1.0000% |
| 1998 | 2.615050 | 0.382402 | 1.0000% | 1997 | 2.589159 | 0.386226 | 1.0000% |
| 1996 | 2.563524 | 0.390088 | 1.0000% | 1995 | 2.538142 | 0.393989 | 0.9992% |
| 1994 | 2.513031 | 0.397926 | 1.0008% | 1993 | 2.488131 | 0.401908 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.463496 | 0.405927 | 0.9295% | 1991 | 2.440808 | 0.409700 | 1.2505% | 1990 |
| 2.410663 | 0.414824 | 0.7224% | 1989 | 2.393372 | 0.417821 | 1.1077% | 1988 |
| 2.367152 | 0.422449 | 0.8834% | 1987 | 2.346424 | 0.426180 | 0.5594% | 1986 |
| 2.333372 | 0.428564 | 1.3056% | 1985 | 2.303300 | 0.434160 | 0.7673% | 1984 |
| 2.285761 | 0.437491 | 0.8149% | 1983 | 2.267284 | 0.441056 | 0.9737% | 1982 |
| 2.245419 | 0.445351 | 0.9508% | 1981 | 2.224271 | 0.449586 | 0.9031% | 1980 |
| 2.204364 | 0.453646 | 2.2701% | 1979 | 2.155434 | 0.463944 | 1.0042% | 1978 |
| 2.134005 | 0.468602 | 0.9896% | 1977 | 2.113094 | 0.473240 | 0.9103% | 1976 |
| 2.094031 | 0.477548 | 0.8394% | 1975 | 2.076599 | 0.481557 | 0.9042% | 1974 |
| 2.057991 | 0.485911 | 1.1568% | 1973 | 2.034457 | 0.491532 | 0.9427% | 1972 |
| 2.015457 | 0.496165 | 0.7426% | 1971 | 2.000600 | 0.499850 | 1.4697% | 1970 |
| 1.971622 | 0.507197 | 0.6968% | 1969 | 1.957979 | 0.510731 | 0.8565% | 1968 |
| 1.941350 | 0.515105 | 1.5090% | 1967 | 1.912490 | 0.522878 | 0.9949% | 1966 |
| 1.893650 | 0.528081 | 1.0575% | 1965 | 1.873835 | 0.533665 | 1.1300% | 1964 |
| 1.852897 | 0.539695 | 1.5537% | 1963 | 1.824550 | 0.548080 | 1.4658% | 1962 |
| 1.798191 | 0.556114 | 1.5364% | 1961 | 1.770982 | 0.564659 | 2.1586% | 1960 |
| 1.733560 | 0.576848 | -1.6655% | 1959 | 1.762921 | 0.567240 | 4.3080% | 1958 |
| 1.690112 | 0.591677 | 2.1130% | 1957 | 1.655139 | 0.604179 | 1.9895% | 1956 |
| 1.622852 | 0.616199 | 2.1231% | 1955 | 1.589114 | 0.629281 | 1.4496% | 1954 |
| 1.566407 | 0.638404 | 2.1573% | 1953 | 1.533329 | 0.652176 | 1.2298% | 1952 |
| 1.514702 | 0.660196 | 1.6814% | 1951 | 1.489656 | 0.671296 | 1.6233% | 1950 |
| 1.465861 | 0.682193 | 1.4265% | 1949 | 1.445244 | 0.691925 | 1.7790% | 1948 |
| 1.419982 | 0.704234 | 1.8242% | 1947 | 1.394543 | 0.717081 | -2.6320% | 1946 |
| 1.432240 | 0.698207 | 3.1768% | 1945 | 1.388142 | 0.720388 | 6.4754% | 1944 |
| 1.303720 | 0.767036 | -0.3437% | 1943 | 1.308216 | 0.764400 | 0.6562% | 1942 |
| 1.299687 | 0.769416 | 0.6633% | 1941 | 1.291123 | 0.774519 | -5.6614% | 1940 |
| 1.368606 | 0.730670 | 8.0381% | 1939 | 1.266781 | 0.789403 | 0.8126% | 1938 |
| 1.256570 | 0.795817 | 0.7762% | 1937 | 1.246891 | 0.801995 | 0.6029% | 1936 |
| 1.239418 | 0.806830 | 0.5244% | 1935 | 1.232953 | 0.811061 | -3.0364% | 1934 |
| 1.271562 | 0.786434 | 4.6271% | 1933 | 1.215328 | 0.822823 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.198641 | 0.834278 | -0.2051% | 1931 | 1.201104 | 0.832567 | 0.8886% | 1930 |
| 1.190525 | 0.839965 | 1.0126% | 1929 | 1.178591 | 0.848471 | 1.1526% | 1928 |
| 1.165162 | 0.858250 | 1.2160% | 1927 | 1.151163 | 0.868686 | 1.4086% | 1926 |
| 1.135174 | 0.880923 | 1.7667% | 1925 | 1.115467 | 0.896486 | 1.4465% | 1924 |
| 1.099562 | 0.909453 | 1.7700% | 1923 | 1.080438 | 0.925550 | 1.6165% | 1922 |
| 1.063250 | 0.940512 | 1.3736% | 1921 | 1.048843 | 0.953431 | 2.3393% | 1920 |
| 1.024868 | 0.975735 | 1.3140% | 1919 | 1.011576 | 0.988556 | 0.7676% | 1918 |
| 1.003870 | 0.996145 | 0.3870% | 1917 | 1.000000 | 1.000000 | 1.3274% | 1916 |
| 0.986900 | 1.013274 | 1.4083% | 1915 | 0.973194 | 1.027544 | 1.4458% | 1914 |
| 0.959324 | 1.042400 | 1.9424% | 1913 | 0.941046 | 1.062648 | 1.9857% | 1912 |
| 0.922723 | 1.083749 | 1.5634% | 1911 | 0.908519 | 1.100692 | 1.8169% | 1910 |
| 0.892307 | 1.120691 | 1.8781% | 1909 | 0.875858 | 1.141738 | 2.0082% | 1908 |
| 0.858615 | 1.164667 | 1.9603% | 1907 | 0.842107 | 1.187497 | 1.8264% | 1906 |
| 0.827003 | 1.209185 | 1.9357% | 1905 | 0.811299 | 1.232591 | 2.0148% | 1904 |
| 0.795276 | 1.257426 | 2.1335% | 1903 | 0.778663 | 1.284253 | 1.8151% | 1902 |
| 0.764781 | 1.307564 | 1.8943% | 1901 | 0.750563 | 1.332334 | 3.0255% | 1900 |
| 0.728521 | 1.372644 | 0.6278% | 1899 | 0.723976 | 1.381262 | 1.7757% | 1898 |
| 0.711345 | 1.405788 | 1.8078% | 1897 | 0.698714 | 1.431201 | 1.8396% | 1896 |
| 0.686092 | 1.457530 | 1.8755% | 1895 | 0.673461 | 1.484866 | 1.9114% | 1894 |
| 0.660830 | 1.513248 | 1.9486% | 1893 | 0.648199 | 1.542736 | 1.9858% | 1892 |
| 0.635578 | 1.573371 | 2.0276% | 1891 | 0.622947 | 1.605273 | 2.6465% | 1890 |
| 0.606886 | 1.647757 | 1.5328% | 1889 | 0.597724 | 1.673014 | 2.0811% | 1888 |
| 0.585538 | 1.707832 | 2.1599% | 1887 | 0.573158 | 1.744719 | 2.2075% | 1886 |
| 0.560779 | 1.783234 | 2.2592% | 1885 | 0.548390 | 1.823520 | 2.3095% | 1884 |
| 0.536011 | 1.865635 | 2.3641% | 1883 | 0.523631 | 1.909741 | 2.4214% | 1882 |
| 0.511252 | 1.955983 | 2.4815% | 1881 | 0.498872 | 2.004521 | 3.7644% | 1880 |
| 0.480774 | 2.079979 | 0.9432% | 1879 | 0.476282 | 2.099598 | 2.1464% | 1878 |
| 0.466274 | 2.144663 | 2.1913% | 1877 | 0.456275 | 2.191659 | 2.2426% | 1876 |
| 0.446267 | 2.240809 | 2.2941% | 1875 | 0.436259 | 2.292215 | 2.3456% | 1874 |
| 0.426261 | 2.345981 | 2.4043% | 1873 | 0.416253 | 2.402386 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.406245 | 2.461570 | 2.5258% | 1871 | 0.396237 | 2.523743 | 5.9947% | 1870 |
| 0.373827 | 2.675033 | -1.0968% | 1869 | 0.377973 | 2.645694 | 2.1930% | 1868 |
| 0.369862 | 2.703713 | 2.2394% | 1867 | 0.361760 | 2.764260 | 2.2935% | 1866 |
| 0.353649 | 2.827659 | 2.3445% | 1865 | 0.345548 | 2.893953 | 2.4037% | 1864 |
| 0.337437 | 2.963514 | 2.4599% | 1863 | 0.329336 | 3.036413 | 2.5250% | 1862 |
| 0.321225 | 3.113083 | 2.5872% | 1861 | 0.313124 | 3.193626 | 2.9504% | 1860 |
| 0.304150 | 3.287851 | 2.4012% | 1859 | 0.297018 | 3.366800 | 2.7627% | 1858 |
| 0.289033 | 3.459815 | 2.8412% | 1857 | 0.281048 | 3.558116 | 2.9243% | 1856 |
| 0.273063 | 3.662165 | 3.0161% | 1855 | 0.265068 | 3.772621 | 3.1061% | 1854 |
| 0.257083 | 3.889801 | 3.2056% | 1853 | 0.249097 | 4.014493 | 3.3118% | 1852 |
| 0.241112 | 4.147445 | 3.4252% | 1851 | 0.233127 | 4.289504 | 4.0106% | 1850 |
| 0.224138 | 4.461539 | 2.3254% | 1849 | 0.219044 | 4.565287 | 2.7841% | 1848 |
| 0.213111 | 4.692388 | 2.8590% | 1847 | 0.207188 | 4.826544 | 2.9432% | 1846 |
| 0.201264 | 4.968597 | 3.0324% | 1845 | 0.195341 | 5.119265 | 3.1325% | 1844 |
| 0.189407 | 5.279626 | 3.2284% | 1843 | 0.183484 | 5.450071 | 3.3361% | 1842 |
| 0.177560 | 5.631889 | 3.4512% | 1841 | 0.171637 | 5.826256 | 3.8105% | 1840 |
| 0.165337 | 6.048265 | 2.3861% | 1839 | 0.161484 | 6.192580 | 2.5824% | 1838 |
| 0.157418 | 6.352496 | 2.6573% | 1837 | 0.153344 | 6.521303 | 2.7232% | 1836 |
| 0.149278 | 6.698891 | 2.7994% | 1835 | 0.145213 | 6.886423 | 2.8871% | 1834 |
| 0.141138 | 7.085242 | 2.9657% | 1833 | 0.137073 | 7.295368 | 3.0563% | 1832 |
| 0.133008 | 7.518338 | 3.1604% | 1831 | 0.128933 | 7.755949 | 3.4660% | 1830 |
| 0.124614 | 8.024768 | 2.4653% | 1829 | 0.121616 | 8.222602 | 2.6804% | 1828 |
| 0.118441 | 8.443001 | 10.3427% | 1827 | 0.107340 | 9.316231 | -4.2314% | 1826 |
| 0.112082 | 8.922021 | 2.9150% | 1825 | 0.108908 | 9.182101 | 3.0026% | 1824 |
| 0.105733 | 9.457799 | 3.0955% | 1823 | 0.102558 | 9.750566 | 3.1944% | 1822 |
| 0.099383 | 10.062037 | 3.3102% | 1821 | 0.096199 | 10.395110 | 3.2277% | 1820 |
| 0.093191 | 10.730637 | 2.6573% | 1819 | 0.090779 | 11.015780 | 2.6261% | 1818 |
| 0.088456 | 11.305066 | 2.6969% | 1817 | 0.086133 | 11.609956 | 2.7717% | 1816 |
| 0.083810 | 11.931747 | 2.8507% | 1815 | 0.081487 | 12.271885 | 2.9343% | 1814 |
| 0.079164 | 12.631984 | 3.0231% | 1813 | 0.076841 | 13.013856 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.074528 | 13.417792 | 3.2172% | 1811 | 0.072205 | 13.849464 | 3.0969% | 1810 |
| 0.070036 | 14.278370 | 2.9144% | 1809 | 0.068053 | 14.694496 | 2.8225% | 1808 |
| 0.066185 | 15.109242 | 2.9199% | 1807 | 0.064307 | 15.550421 | 2.9918% | 1806 |
| 0.062439 | 16.015656 | 3.0841% | 1805 | 0.060571 | 16.509588 | 3.1822% | 1804 |
| 0.058703 | 17.034955 | 3.2868% | 1803 | 0.056835 | 17.594857 | 3.3985% | 1802 |
| 0.054967 | 18.192816 | 3.5180% | 1801 | 0.053099 | 18.832847 | 3.3999% | 1800 |
| 0.051353 | 19.473154 | 2.8419% | 1799 | 0.049934 | 20.026556 | 2.7485% | 1798 |
| 0.048598 | 20.576977 | 2.8261% | 1797 | 0.047262 | 21.158509 | 3.7832% | 1796 |
| 0.045539 | 21.958980 | 2.1272% | 1795 | 0.044591 | 22.426091 | 3.0879% | 1794 |
| 0.043255 | 23.118595 | 3.1625% | 1793 | 0.041929 | 23.849723 | 3.2904% | 1792 |
| 0.040594 | 24.634478 | 3.4024% | 1791 | 0.039258 | 25.472633 | 3.2296% | 1790 |
| 0.038030 | 26.295288 | 41.3145% | 1780 | 0.026911 | 37.159042 | 29.4353% | 1770 |
| 0.020791 | 48.096923 | 83.4728% | 1750 | 0.011332 | 88.244790 | 29.2845% | 1740 |
| 0.008765 | 114.086793 | 94.2514% | 1720 | 0.004512 | 221.615187 | 85.8111% | 1700 |
| 0.002428 | 411.785572 | 19.2490% | 1690 | 0.002036 | 491.050380 | 88.0250% | 1670 |
| 0.001083 | 923.297587 | | | | | | |

BASE YEAR: 1916

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.956257 | 0.338266 | 8.2857% | 2001 | 2.730054 | 0.366293 | 1.0000% |
| 2000 | 2.703024 | 0.369956 | 1.0000% | 1999 | 2.676261 | 0.373656 | 1.0000% |
| 1998 | 2.649764 | 0.377392 | 1.0000% | 1997 | 2.623528 | 0.381166 | 1.0000% |
| 1996 | 2.597553 | 0.384978 | 1.0000% | 1995 | 2.571834 | 0.388828 | 0.9992% |
| 1994 | 2.546390 | 0.392713 | 1.0008% | 1993 | 2.521159 | 0.396643 | 1.0000% |
| 1992 | 2.496197 | 0.400609 | 0.9295% | 1991 | 2.473209 | 0.404333 | 1.2505% |
| 1990 | 2.442663 | 0.409389 | 0.7224% | 1989 | 2.425142 | 0.412347 | 1.1077% |
| 1988 | 2.398574 | 0.416914 | 0.8834% | 1987 | 2.377571 | 0.420597 | 0.5594% |
| 1986 | 2.364346 | 0.422950 | 1.3056% | 1985 | 2.333874 | 0.428472 | 0.7673% |
| 1984 | 2.316103 | 0.431760 | 0.8149% | 1983 | 2.297381 | 0.435278 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.275226 | 0.439517 | 0.9508% | 1981 | 2.253797 | 0.443696 | 0.9031% | 1980 |
| 2.233626 | 0.447703 | 2.2701% | 1979 | 2.184046 | 0.457866 | 1.0042% | 1978 |
| 2.162333 | 0.462464 | 0.9896% | 1977 | 2.141144 | 0.467040 | 0.9103% | 1976 |
| 2.121828 | 0.471292 | 0.8394% | 1975 | 2.104165 | 0.475248 | 0.9042% | 1974 |
| 2.085310 | 0.479545 | 1.1568% | 1973 | 2.061463 | 0.485092 | 0.9427% | 1972 |
| 2.042211 | 0.489665 | 0.7426% | 1971 | 2.027157 | 0.493302 | 1.4697% | 1970 |
| 1.997794 | 0.500552 | 0.6968% | 1969 | 1.983970 | 0.504040 | 0.8565% | 1968 |
| 1.967121 | 0.508357 | 1.5090% | 1967 | 1.937877 | 0.516029 | 0.9949% | 1966 |
| 1.918787 | 0.521163 | 1.0575% | 1965 | 1.898709 | 0.526674 | 1.1300% | 1964 |
| 1.877493 | 0.532625 | 1.5537% | 1963 | 1.848769 | 0.540900 | 1.4658% | 1962 |
| 1.822061 | 0.548829 | 1.5364% | 1961 | 1.794490 | 0.557261 | 2.1586% | 1960 |
| 1.756572 | 0.569291 | -1.6655% | 1959 | 1.786323 | 0.559809 | 4.3080% | 1958 |
| 1.712547 | 0.583926 | 2.1130% | 1957 | 1.677110 | 0.596264 | 1.9895% | 1956 |
| 1.644395 | 0.608126 | 2.1231% | 1955 | 1.610209 | 0.621038 | 1.4496% | 1954 |
| 1.587200 | 0.630040 | 2.1573% | 1953 | 1.553683 | 0.643632 | 1.2298% | 1952 |
| 1.534809 | 0.651547 | 1.6814% | 1951 | 1.509430 | 0.662502 | 1.6233% | 1950 |
| 1.485319 | 0.673256 | 1.4265% | 1949 | 1.464428 | 0.682860 | 1.7790% | 1948 |
| 1.438831 | 0.695009 | 1.8242% | 1947 | 1.413055 | 0.707687 | -2.6320% | 1946 |
| 1.451252 | 0.689060 | 3.1768% | 1945 | 1.406568 | 0.710950 | 6.4754% | 1944 |
| 1.321026 | 0.756987 | -0.3437% | 1943 | 1.325582 | 0.754386 | 0.6562% | 1942 |
| 1.316940 | 0.759336 | 0.6633% | 1941 | 1.308262 | 0.764373 | -5.6614% | 1940 |
| 1.386773 | 0.721098 | 8.0381% | 1939 | 1.283597 | 0.779061 | 0.8126% | 1938 |
| 1.273250 | 0.785392 | 0.7762% | 1937 | 1.263442 | 0.791488 | 0.6029% | 1936 |
| 1.255871 | 0.796260 | 0.5244% | 1935 | 1.249320 | 0.800436 | -3.0364% | 1934 |
| 1.288441 | 0.776132 | 4.6271% | 1933 | 1.231460 | 0.812044 | 1.3921% | 1932 |
| 1.214552 | 0.823349 | -0.2051% | 1931 | 1.217048 | 0.821660 | 0.8886% | 1930 |
| 1.206329 | 0.828961 | 1.0126% | 1929 | 1.194236 | 0.837355 | 1.1526% | 1928 |
| 1.180628 | 0.847007 | 1.2160% | 1927 | 1.166444 | 0.857306 | 1.4086% | 1926 |
| 1.150242 | 0.869382 | 1.7667% | 1925 | 1.130274 | 0.884741 | 1.4465% | 1924 |
| 1.114158 | 0.897539 | 1.7700% | 1923 | 1.094780 | 0.913425 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.077364 | 0.928191 | 1.3736% | 1921 | 1.062766 | 0.940941 | 2.3393% | 1920 |
| 1.038473 | 0.962953 | 1.3140% | 1919 | 1.025004 | 0.975606 | 0.7676% | 1918 |
| 1.017196 | 0.983095 | 0.3870% | 1917 | 1.013274 | 0.986900 | 1.3274% | 1916 |
| 1.000000 | 1.000000 | 1.4083% | 1915 | 0.986113 | 1.014083 | 1.4458% | 1914 |
| 0.972059 | 1.028745 | 1.9424% | 1913 | 0.953537 | 1.048727 | 1.9857% | 1912 |
| 0.934972 | 1.069551 | 1.5634% | 1911 | 0.920579 | 1.086272 | 1.8169% | 1910 |
| 0.904152 | 1.106009 | 1.8781% | 1909 | 0.887484 | 1.126781 | 2.0082% | 1908 |
| 0.870012 | 1.149409 | 1.9603% | 1907 | 0.853286 | 1.171940 | 1.8264% | 1906 |
| 0.837981 | 1.193344 | 1.9357% | 1905 | 0.822069 | 1.216443 | 2.0148% | 1904 |
| 0.805832 | 1.240953 | 2.1335% | 1903 | 0.788999 | 1.267429 | 1.8151% | 1902 |
| 0.774933 | 1.290434 | 1.8943% | 1901 | 0.760526 | 1.314880 | 3.0255% | 1900 |
| 0.738192 | 1.354662 | 0.6278% | 1899 | 0.733586 | 1.363167 | 1.7757% | 1898 |
| 0.720787 | 1.387372 | 1.8078% | 1897 | 0.707989 | 1.412452 | 1.8396% | 1896 |
| 0.695200 | 1.438435 | 1.8755% | 1895 | 0.682401 | 1.465414 | 1.9114% | 1894 |
| 0.669602 | 1.493424 | 1.9486% | 1893 | 0.656804 | 1.522525 | 1.9858% | 1892 |
| 0.644015 | 1.552759 | 2.0276% | 1891 | 0.631216 | 1.584244 | 2.6465% | 1890 |
| 0.614942 | 1.626171 | 1.5328% | 1889 | 0.605658 | 1.651097 | 2.0811% | 1888 |
| 0.593310 | 1.685459 | 2.1599% | 1887 | 0.580767 | 1.721862 | 2.2075% | 1886 |
| 0.568223 | 1.759873 | 2.2592% | 1885 | 0.555669 | 1.799631 | 2.3095% | 1884 |
| 0.543126 | 1.841194 | 2.3641% | 1883 | 0.530582 | 1.884723 | 2.4214% | 1882 |
| 0.518038 | 1.930359 | 2.4815% | 1881 | 0.505495 | 1.978260 | 3.7644% | 1880 |
| 0.487156 | 2.052730 | 0.9432% | 1879 | 0.482604 | 2.072092 | 2.1464% | 1878 |
| 0.472463 | 2.116567 | 2.1913% | 1877 | 0.462332 | 2.162947 | 2.2426% | 1876 |
| 0.452191 | 2.211454 | 2.2941% | 1875 | 0.442050 | 2.262186 | 2.3456% | 1874 |
| 0.431919 | 2.315248 | 2.4043% | 1873 | 0.421778 | 2.370913 | 2.4635% | 1872 |
| 0.411637 | 2.429322 | 2.5258% | 1871 | 0.401497 | 2.490681 | 5.9947% | 1870 |
| 0.378789 | 2.639989 | -1.0968% | 1869 | 0.382990 | 2.611034 | 2.1930% | 1868 |
| 0.374771 | 2.668294 | 2.2394% | 1867 | 0.366563 | 2.728047 | 2.2935% | 1866 |
| 0.358344 | 2.790615 | 2.3445% | 1865 | 0.350135 | 2.856040 | 2.4037% | 1864 |
| 0.341916 | 2.924691 | 2.4599% | 1863 | 0.333708 | 2.996635 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.325489 | 3.072300 | 2.5872% | 1861 | 0.317280 | 3.151788 | 2.9504% | 1860 |
| 0.308187 | 3.244779 | 2.4012% | 1859 | 0.300961 | 3.322694 | 2.7627% | 1858 |
| 0.292870 | 3.414490 | 2.8412% | 1857 | 0.284778 | 3.511503 | 2.9243% | 1856 |
| 0.276687 | 3.614189 | 3.0161% | 1855 | 0.268586 | 3.723198 | 3.1061% | 1854 |
| 0.260495 | 3.838843 | 3.2056% | 1853 | 0.252404 | 3.961902 | 3.3118% | 1852 |
| 0.244313 | 4.093111 | 3.4252% | 1851 | 0.236222 | 4.233310 | 4.0106% | 1850 |
| 0.227113 | 4.403091 | 2.3254% | 1849 | 0.221952 | 4.505479 | 2.7841% | 1848 |
| 0.215940 | 4.630916 | 2.8590% | 1847 | 0.209938 | 4.763314 | 2.9432% | 1846 |
| 0.203936 | 4.903506 | 3.0324% | 1845 | 0.197934 | 5.052200 | 3.1325% | 1844 |
| 0.191922 | 5.210460 | 3.2284% | 1843 | 0.185919 | 5.378673 | 3.3361% | 1842 |
| 0.179917 | 5.558108 | 3.4512% | 1841 | 0.173915 | 5.749930 | 3.8105% | 1840 |
| 0.167531 | 5.969030 | 2.3861% | 1839 | 0.163627 | 6.111454 | 2.5824% | 1838 |
| 0.159508 | 6.269276 | 2.6573% | 1837 | 0.155379 | 6.435871 | 2.7232% | 1836 |
| 0.151260 | 6.611133 | 2.7994% | 1835 | 0.147141 | 6.796207 | 2.8871% | 1834 |
| 0.143012 | 6.992422 | 2.9657% | 1833 | 0.138893 | 7.199795 | 3.0563% | 1832 |
| 0.134774 | 7.419844 | 3.1604% | 1831 | 0.130645 | 7.654343 | 3.4660% | 1830 |
| 0.126268 | 7.919640 | 2.4653% | 1829 | 0.123230 | 8.114883 | 2.6804% | 1828 |
| 0.120014 | 8.332394 | 10.3427% | 1827 | 0.108764 | 9.194184 | -4.2314% | 1826 |
| 0.113570 | 8.805138 | 2.9150% | 1825 | 0.110353 | 9.061811 | 3.0026% | 1824 |
| 0.107136 | 9.333898 | 3.0955% | 1823 | 0.103920 | 9.622829 | 3.1944% | 1822 |
| 0.100703 | 9.930220 | 3.3102% | 1821 | 0.097476 | 10.258929 | 3.2277% | 1820 |
| 0.094428 | 10.590061 | 2.6573% | 1819 | 0.091984 | 10.871468 | 2.6261% | 1818 |
| 0.089630 | 11.156965 | 2.6969% | 1817 | 0.087276 | 11.457860 | 2.7717% | 1816 |
| 0.084923 | 11.775436 | 2.8507% | 1815 | 0.082569 | 12.111118 | 2.9343% | 1814 |
| 0.080215 | 12.466500 | 3.0231% | 1813 | 0.077861 | 12.843368 | 3.1039% | 1812 |
| 0.075517 | 13.242013 | 3.2172% | 1811 | 0.073163 | 13.668029 | 3.0969% | 1810 |
| 0.070966 | 14.091317 | 2.9144% | 1809 | 0.068956 | 14.501991 | 2.8225% | 1808 |
| 0.067063 | 14.911304 | 2.9199% | 1807 | 0.065161 | 15.346704 | 2.9918% | 1806 |
| 0.063268 | 15.805844 | 3.0841% | 1805 | 0.061375 | 16.293305 | 3.1822% | 1804 |
| 0.059482 | 16.811789 | 3.2868% | 1803 | 0.057589 | 17.364356 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.055696 | 17.954481 | 3.5180% | 1801 | 0.053804 | 18.586128 | 3.3999% | 1800 |
| 0.052034 | 19.218047 | 2.8419% | 1799 | 0.050597 | 19.764198 | 2.7485% | 1798 |
| 0.049243 | 20.307409 | 2.8261% | 1797 | 0.047890 | 20.881323 | 3.7832% | 1796 |
| 0.046144 | 21.671307 | 2.1272% | 1795 | 0.045183 | 22.132299 | 3.0879% | 1794 |
| 0.043829 | 22.815731 | 3.1625% | 1793 | 0.042486 | 23.537281 | 3.2904% | 1792 |
| 0.041132 | 24.311755 | 3.4024% | 1791 | 0.039779 | 25.138930 | 3.2296% | 1790 |
| 0.038534 | 25.950808 | 41.3145% | 1780 | 0.027269 | 36.672241 | 29.4353% | 1770 |
| 0.021067 | 47.466831 | 83.4728% | 1750 | 0.011483 | 87.088743 | 29.2845% | 1740 |
| 0.008882 | 112.592204 | 94.2514% | 1720 | 0.004572 | 218.711926 | 85.8111% | 1700 |
| 0.002461 | 406.390992 | 19.2490% | 1690 | 0.002063 | 484.617395 | 88.0250% | 1670 |
| 0.001097 | 911.201966 | | | | | | |

BASE YEAR: 1915

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 2.997890 | 0.333568 | 8.2857% | 2001 | 2.768501 | 0.361206 | 1.0000% |
| 2000 | 2.741090 | 0.364818 | 1.0000% | 1999 | 2.713951 | 0.368467 | 1.0000% |
| 1998 | 2.687080 | 0.372151 | 1.0000% | 1997 | 2.660475 | 0.375873 | 1.0000% |
| 1996 | 2.634134 | 0.379631 | 1.0000% | 1995 | 2.608053 | 0.383428 | 0.9992% |
| 1994 | 2.582251 | 0.387259 | 1.0008% | 1993 | 2.556664 | 0.391135 | 1.0000% |
| 1992 | 2.531351 | 0.395046 | 0.9295% | 1991 | 2.508038 | 0.398718 | 1.2505% |
| 1990 | 2.477062 | 0.403704 | 0.7224% | 1989 | 2.459295 | 0.406621 | 1.1077% |
| 1988 | 2.432353 | 0.411125 | 0.8834% | 1987 | 2.411054 | 0.414756 | 0.5594% |
| 1986 | 2.397643 | 0.417076 | 1.3056% | 1985 | 2.366742 | 0.422522 | 0.7673% |
| 1984 | 2.348721 | 0.425764 | 0.8149% | 1983 | 2.329735 | 0.429233 | 0.9737% |
| 1982 | 2.307268 | 0.433413 | 0.9508% | 1981 | 2.285537 | 0.437534 | 0.9031% |
| 1980 | 2.265082 | 0.441485 | 2.2701% | 1979 | 2.214804 | 0.451507 | 1.0042% |
| 1978 | 2.192785 | 0.456041 | 0.9896% | 1977 | 2.171297 | 0.460554 | 0.9103% |
| 1976 | 2.151709 | 0.464747 | 0.8394% | 1975 | 2.133797 | 0.468648 | 0.9042% |
| 1974 | 2.114677 | 0.472885 | 1.1568% | 1973 | 2.090495 | 0.478356 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.070971 | 0.482865 | 0.7426% | 1971 | 2.055705 | 0.486451 | 1.4697% | 1970 |
| 2.025929 | 0.493601 | 0.6968% | 1969 | 2.011910 | 0.497040 | 0.8565% | 1968 |
| 1.994823 | 0.501298 | 1.5090% | 1967 | 1.965168 | 0.508862 | 0.9949% | 1966 |
| 1.945809 | 0.513925 | 1.0575% | 1965 | 1.925448 | 0.519360 | 1.1300% | 1964 |
| 1.903933 | 0.525228 | 1.5537% | 1963 | 1.874805 | 0.533389 | 1.4658% | 1962 |
| 1.847721 | 0.541207 | 1.5364% | 1961 | 1.819762 | 0.549522 | 2.1586% | 1960 |
| 1.781310 | 0.561385 | -1.6655% | 1959 | 1.811480 | 0.552035 | 4.3080% | 1958 |
| 1.736664 | 0.575817 | 2.1130% | 1957 | 1.700729 | 0.587983 | 1.9895% | 1956 |
| 1.667553 | 0.599681 | 2.1231% | 1955 | 1.632885 | 0.612413 | 1.4496% | 1954 |
| 1.609553 | 0.621291 | 2.1573% | 1953 | 1.575564 | 0.634693 | 1.2298% | 1952 |
| 1.556424 | 0.642499 | 1.6814% | 1951 | 1.530687 | 0.653301 | 1.6233% | 1950 |
| 1.506237 | 0.663906 | 1.4265% | 1949 | 1.485052 | 0.673377 | 1.7790% | 1948 |
| 1.459094 | 0.685357 | 1.8242% | 1947 | 1.432955 | 0.697859 | -2.6320% | 1946 |
| 1.471690 | 0.679491 | 3.1768% | 1945 | 1.426377 | 0.701077 | 6.4754% | 1944 |
| 1.339630 | 0.746475 | -0.3437% | 1943 | 1.344250 | 0.743909 | 0.6562% | 1942 |
| 1.335486 | 0.748791 | 0.6633% | 1941 | 1.326686 | 0.753758 | -5.6614% | 1940 |
| 1.406303 | 0.711084 | 8.0381% | 1939 | 1.301673 | 0.768242 | 0.8126% | 1938 |
| 1.291181 | 0.774485 | 0.7762% | 1937 | 1.281235 | 0.780497 | 0.6029% | 1936 |
| 1.273557 | 0.785202 | 0.5244% | 1935 | 1.266914 | 0.789320 | -3.0364% | 1934 |
| 1.306586 | 0.765353 | 4.6271% | 1933 | 1.248803 | 0.800767 | 1.3921% | 1932 |
| 1.231657 | 0.811915 | -0.2051% | 1931 | 1.234188 | 0.810249 | 0.8886% | 1930 |
| 1.223317 | 0.817449 | 1.0126% | 1929 | 1.211054 | 0.825727 | 1.1526% | 1928 |
| 1.197255 | 0.835244 | 1.2160% | 1927 | 1.182871 | 0.845401 | 1.4086% | 1926 |
| 1.166441 | 0.857309 | 1.7667% | 1925 | 1.146191 | 0.872455 | 1.4465% | 1924 |
| 1.129848 | 0.885075 | 1.7700% | 1923 | 1.110198 | 0.900740 | 1.6165% | 1922 |
| 1.092537 | 0.915301 | 1.3736% | 1921 | 1.077733 | 0.927874 | 2.3393% | 1920 |
| 1.053097 | 0.949580 | 1.3140% | 1919 | 1.039439 | 0.962057 | 0.7676% | 1918 |
| 1.031521 | 0.969443 | 0.3870% | 1917 | 1.027544 | 0.973194 | 1.3274% | 1916 |
| 1.014083 | 0.986113 | 1.4083% | 1915 | 1.000000 | 1.000000 | 1.4458% | 1914 |
| 0.985748 | 1.014458 | 1.9424% | 1913 | 0.966966 | 1.034163 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.948139 | 1.054698 | 1.5634% | 1911 | 0.933544 | 1.071187 | 1.8169% | 1910 |
| 0.916885 | 1.090650 | 1.8781% | 1909 | 0.899983 | 1.111133 | 2.0082% | 1908 |
| 0.882265 | 1.133447 | 1.9603% | 1907 | 0.865302 | 1.155665 | 1.8264% | 1906 |
| 0.849782 | 1.176772 | 1.9357% | 1905 | 0.833646 | 1.199550 | 2.0148% | 1904 |
| 0.817181 | 1.223719 | 2.1335% | 1903 | 0.800110 | 1.249828 | 1.8151% | 1902 |
| 0.785846 | 1.272514 | 1.8943% | 1901 | 0.771236 | 1.296620 | 3.0255% | 1900 |
| 0.748588 | 1.335849 | 0.6278% | 1899 | 0.743917 | 1.344236 | 1.7757% | 1898 |
| 0.730938 | 1.368105 | 1.8078% | 1897 | 0.717959 | 1.392837 | 1.8396% | 1896 |
| 0.704990 | 1.418459 | 1.8755% | 1895 | 0.692011 | 1.445063 | 1.9114% | 1894 |
| 0.679032 | 1.472684 | 1.9486% | 1893 | 0.666053 | 1.501381 | 1.9858% | 1892 |
| 0.653084 | 1.531196 | 2.0276% | 1891 | 0.640105 | 1.562243 | 2.6465% | 1890 |
| 0.623602 | 1.603588 | 1.5328% | 1889 | 0.614187 | 1.628168 | 2.0811% | 1888 |
| 0.601666 | 1.662052 | 2.1599% | 1887 | 0.588946 | 1.697950 | 2.2075% | 1886 |
| 0.576225 | 1.735433 | 2.2592% | 1885 | 0.563495 | 1.774639 | 2.3095% | 1884 |
| 0.550775 | 1.815625 | 2.3641% | 1883 | 0.538054 | 1.858549 | 2.4214% | 1882 |
| 0.525334 | 1.903552 | 2.4815% | 1881 | 0.512613 | 1.950788 | 3.7644% | 1880 |
| 0.494017 | 2.024223 | 0.9432% | 1879 | 0.489401 | 2.043316 | 2.1464% | 1878 |
| 0.479117 | 2.087174 | 2.1913% | 1877 | 0.468843 | 2.132910 | 2.2426% | 1876 |
| 0.458559 | 2.180743 | 2.2941% | 1875 | 0.448276 | 2.230770 | 2.3456% | 1874 |
| 0.438002 | 2.283095 | 2.4043% | 1873 | 0.427718 | 2.337988 | 2.4635% | 1872 |
| 0.417435 | 2.395585 | 2.5258% | 1871 | 0.407151 | 2.456092 | 5.9947% | 1870 |
| 0.384124 | 2.603327 | -1.0968% | 1869 | 0.388384 | 2.574774 | 2.1930% | 1868 |
| 0.380049 | 2.631238 | 2.2394% | 1867 | 0.371725 | 2.690162 | 2.2935% | 1866 |
| 0.363390 | 2.751861 | 2.3445% | 1865 | 0.355066 | 2.816378 | 2.4037% | 1864 |
| 0.346732 | 2.884075 | 2.4599% | 1863 | 0.338407 | 2.955020 | 2.5250% | 1862 |
| 0.330073 | 3.029634 | 2.5872% | 1861 | 0.321748 | 3.108018 | 2.9504% | 1860 |
| 0.312528 | 3.199717 | 2.4012% | 1859 | 0.305199 | 3.276550 | 2.7627% | 1858 |
| 0.296994 | 3.367072 | 2.8412% | 1857 | 0.288789 | 3.462737 | 2.9243% | 1856 |
| 0.280584 | 3.563998 | 3.0161% | 1855 | 0.272369 | 3.671493 | 3.1061% | 1854 |
| 0.264164 | 3.785531 | 3.2056% | 1853 | 0.255959 | 3.906881 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.247754 | 4.036269 | 3.4252% | 1851 | 0.239548 | 4.174520 | 4.0106% | 1850 |
| 0.230312 | 4.341944 | 2.3254% | 1849 | 0.225078 | 4.442910 | 2.7841% | 1848 |
| 0.218981 | 4.566605 | 2.8590% | 1847 | 0.212894 | 4.697164 | 2.9432% | 1846 |
| 0.206808 | 4.835409 | 3.0324% | 1845 | 0.200721 | 4.982038 | 3.1325% | 1844 |
| 0.194624 | 5.138101 | 3.2284% | 1843 | 0.188538 | 5.303977 | 3.3361% | 1842 |
| 0.182451 | 5.480921 | 3.4512% | 1841 | 0.176364 | 5.670078 | 3.8105% | 1840 |
| 0.169891 | 5.886136 | 2.3861% | 1839 | 0.165932 | 6.026582 | 2.5824% | 1838 |
| 0.161754 | 6.182212 | 2.6573% | 1837 | 0.157567 | 6.346494 | 2.7232% | 1836 |
| 0.153390 | 6.519322 | 2.7994% | 1835 | 0.149213 | 6.701826 | 2.8871% | 1834 |
| 0.145026 | 6.895316 | 2.9657% | 1833 | 0.140849 | 7.099809 | 3.0563% | 1832 |
| 0.136672 | 7.316803 | 3.1604% | 1831 | 0.132485 | 7.548044 | 3.4660% | 1830 |
| 0.128047 | 7.809657 | 2.4653% | 1829 | 0.124966 | 8.002189 | 2.6804% | 1828 |
| 0.121704 | 8.216679 | 10.3427% | 1827 | 0.110296 | 9.066501 | -4.2314% | 1826 |
| 0.115169 | 8.682858 | 2.9150% | 1825 | 0.111907 | 8.935967 | 3.0026% | 1824 |
| 0.108645 | 9.204275 | 3.0955% | 1823 | 0.105383 | 9.489194 | 3.1944% | 1822 |
| 0.102121 | 9.792316 | 3.3102% | 1821 | 0.098849 | 10.116460 | 3.2277% | 1820 |
| 0.095758 | 10.442993 | 2.6573% | 1819 | 0.093279 | 10.720493 | 2.6261% | 1818 |
| 0.090892 | 11.002024 | 2.6969% | 1817 | 0.088505 | 11.298741 | 2.7717% | 1816 |
| 0.086119 | 11.611907 | 2.8507% | 1815 | 0.083732 | 11.942927 | 2.9343% | 1814 |
| 0.081345 | 12.293373 | 3.0231% | 1813 | 0.078958 | 12.665008 | 3.1039% | 1812 |
| 0.076581 | 13.058117 | 3.2172% | 1811 | 0.074194 | 13.478217 | 3.0969% | 1810 |
| 0.071965 | 13.895626 | 2.9144% | 1809 | 0.069927 | 14.300597 | 2.8225% | 1808 |
| 0.068008 | 14.704226 | 2.9199% | 1807 | 0.066078 | 15.133579 | 2.9918% | 1806 |
| 0.064159 | 15.586343 | 3.0841% | 1805 | 0.062239 | 16.067034 | 3.1822% | 1804 |
| 0.060320 | 16.578318 | 3.2868% | 1803 | 0.058400 | 17.123212 | 3.3985% | 1802 |
| 0.056481 | 17.705142 | 3.5180% | 1801 | 0.054561 | 18.328017 | 3.3999% | 1800 |
| 0.052767 | 18.951160 | 2.8419% | 1799 | 0.051309 | 19.489727 | 2.7485% | 1798 |
| 0.049937 | 20.025393 | 2.8261% | 1797 | 0.048564 | 20.591337 | 3.7832% | 1796 |
| 0.046794 | 21.370351 | 2.1272% | 1795 | 0.045819 | 21.824940 | 3.0879% | 1794 |
| 0.044447 | 22.498881 | 3.1625% | 1793 | 0.043084 | 23.210411 | 3.2904% | 1792 |

0.041712 23.974130 3.4024% 1791 0.040339 24.789818 3.2296% 1790
0.039077 25.590420 41.3145% 1780 0.027653 36.162962 29.4353% 1770
0.021364 46.807644 83.4728% 1750 0.011644 85.879313 29.2845% 1740
0.009007 111.028600 94.2514% 1720 0.004637 215.674603 85.8111%
1700 0.002495 400.747310 19.2490% 1690 0.002093 477.887357
88.0250% 1670 0.001113 898.547811

BASE YEAR: 1914

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 3.041234 | 0.328814 | 8.2857% | 2001 | 2.808529 | 0.356058 | 1.0000% |
| 2000 | 2.780721 | 0.359619 | 1.0000% | 1999 | 2.753189 | 0.363215 | 1.0000% |
| 1998 | 2.725930 | 0.366847 | 1.0000% | 1997 | 2.698940 | 0.370516 | 1.0000% |
| 1996 | 2.672218 | 0.374221 | 1.0000% | 1995 | 2.645761 | 0.377963 | 0.9992% |
| 1994 | 2.619585 | 0.381740 | 1.0008% | 1993 | 2.593629 | 0.385560 | 1.0000% |
| 1992 | 2.567949 | 0.389416 | 0.9295% | 1991 | 2.544300 | 0.393035 | 1.2505% |
| 1990 | 2.512876 | 0.397950 | 0.7224% | 1989 | 2.494852 | 0.400825 | 1.1077% |
| 1988 | 2.467520 | 0.405265 | 0.8834% | 1987 | 2.445914 | 0.408845 | 0.5594% |
| 1986 | 2.432308 | 0.411132 | 1.3056% | 1985 | 2.400961 | 0.416500 | 0.7673% |
| 1984 | 2.382679 | 0.419696 | 0.8149% | 1983 | 2.363418 | 0.423116 | 0.9737% |
| 1982 | 2.340626 | 0.427236 | 0.9508% | 1981 | 2.318581 | 0.431298 | 0.9031% |
| 1980 | 2.297830 | 0.435193 | 2.2701% | 1979 | 2.246826 | 0.445072 | 1.0042% |
| 1978 | 2.224488 | 0.449542 | 0.9896% | 1977 | 2.202690 | 0.453990 | 0.9103% |
| 1976 | 2.182819 | 0.458123 | 0.8394% | 1975 | 2.164648 | 0.461969 | 0.9042% |
| 1974 | 2.145251 | 0.466146 | 1.1568% | 1973 | 2.120719 | 0.471538 | 0.9427% |
| 1972 | 2.100914 | 0.475983 | 0.7426% | 1971 | 2.085426 | 0.479518 | 1.4697% |
| 1970 | 2.055220 | 0.486566 | 0.6968% | 1969 | 2.040998 | 0.489956 | 0.8565% |
| 1968 | 2.023665 | 0.494153 | 1.5090% | 1967 | 1.993581 | 0.501610 | 0.9949% |
| 1966 | 1.973942 | 0.506601 | 1.0575% | 1965 | 1.953286 | 0.511958 | 1.1300% |
| 1964 | 1.931461 | 0.517743 | 1.5537% | 1963 | 1.901911 | 0.525787 | 1.4658% |
| 1962 | 1.874436 | 0.533494 | 1.5364% | 1961 | 1.846072 | 0.541691 | 2.1586% |
| 1960 | 1.807064 | 0.553384 | -1.6655% | 1959 | 1.837670 | 0.544167 | 4.3080% |
| 1958 | 1.761773 | 0.567610 | 2.1130% | 1957 | 1.725318 | 0.579603 | 1.9895% |
| 1956 | 1.691662 | 0.591135 | 2.1231% | 1955 | 1.656493 | 0.603685 | 1.4496% |
| 1954 | 1.632824 | 0.612436 | 2.1573% | 1953 | 1.598343 | 0.625648 | 1.2298% |
| 1952 | 1.578926 | 0.633342 | 1.6814% | 1951 | 1.552818 | 0.643991 | 1.6233% |
| 1950 | 1.528014 | 0.654444 | 1.4265% | 1949 | 1.506523 | 0.663780 | 1.7790% |
| 1948 | 1.480190 | 0.675589 | 1.8242% | 1947 | 1.453672 | 0.687913 | -2.6320% |
| 1946 | 1.492968 | 0.669807 | 3.1768% | 1945 | 1.446999 | 0.691085 | 6.4754% |
| 1944 | 1.358999 | 0.735836 | -0.3437% | 1943 | 1.363685 | 0.733307 | 0.6562% |
| 1942 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.354795 | 0.738119 | 0.6633% | 1941 | 1.345868 | 0.743015 | -5.6614% | 1940 |
| 1.426636 | 0.700950 | 8.0381% | 1939 | 1.320493 | 0.757293 | 0.8126% | 1938 |
| 1.309849 | 0.763447 | 0.7762% | 1937 | 1.299759 | 0.769373 | 0.6029% | 1936 |
| 1.291970 | 0.774012 | 0.5244% | 1935 | 1.285231 | 0.778070 | -3.0364% | 1934 |
| 1.325477 | 0.754445 | 4.6271% | 1933 | 1.266858 | 0.789354 | 1.3921% | 1932 |
| 1.249464 | 0.800343 | -0.2051% | 1931 | 1.252032 | 0.798702 | 0.8886% | 1930 |
| 1.241004 | 0.805799 | 1.0126% | 1929 | 1.228564 | 0.813958 | 1.1526% | 1928 |
| 1.214565 | 0.823340 | 1.2160% | 1927 | 1.199973 | 0.833352 | 1.4086% | 1926 |
| 1.183305 | 0.845090 | 1.7667% | 1925 | 1.162763 | 0.860020 | 1.4465% | 1924 |
| 1.146183 | 0.872461 | 1.7700% | 1923 | 1.126249 | 0.887903 | 1.6165% | 1922 |
| 1.108333 | 0.902256 | 1.3736% | 1921 | 1.093315 | 0.914650 | 2.3393% | 1920 |
| 1.068323 | 0.936046 | 1.3140% | 1919 | 1.054467 | 0.948346 | 0.7676% | 1918 |
| 1.046434 | 0.955626 | 0.3870% | 1917 | 1.042400 | 0.959324 | 1.3274% | 1916 |
| 1.028745 | 0.972059 | 1.4083% | 1915 | 1.014458 | 0.985748 | 1.4458% | 1914 |
| 1.000000 | 1.000000 | 1.9424% | 1913 | 0.980946 | 1.019424 | 1.9857% | 1912 |
| 0.961847 | 1.039666 | 1.5634% | 1911 | 0.947041 | 1.055920 | 1.8169% | 1910 |
| 0.930141 | 1.075106 | 1.8781% | 1909 | 0.912995 | 1.095297 | 2.0082% | 1908 |
| 0.895020 | 1.117293 | 1.9603% | 1907 | 0.877813 | 1.139195 | 1.8264% | 1906 |
| 0.862069 | 1.160000 | 1.9357% | 1905 | 0.845699 | 1.182454 | 2.0148% | 1904 |
| 0.828996 | 1.206279 | 2.1335% | 1903 | 0.811678 | 1.232015 | 1.8151% | 1902 |
| 0.797208 | 1.254378 | 1.8943% | 1901 | 0.782387 | 1.278140 | 3.0255% | 1900 |
| 0.759411 | 1.316810 | 0.6278% | 1899 | 0.754673 | 1.325078 | 1.7757% | 1898 |
| 0.741506 | 1.348607 | 1.8078% | 1897 | 0.728339 | 1.372986 | 1.8396% | 1896 |
| 0.715183 | 1.398244 | 1.8755% | 1895 | 0.702016 | 1.424468 | 1.9114% | 1894 |
| 0.688850 | 1.451695 | 1.9486% | 1893 | 0.675683 | 1.479984 | 1.9858% | 1892 |
| 0.662527 | 1.509373 | 2.0276% | 1891 | 0.649360 | 1.539978 | 2.6465% | 1890 |
| 0.632618 | 1.580733 | 1.5328% | 1889 | 0.623067 | 1.604963 | 2.0811% | 1888 |
| 0.610365 | 1.638365 | 2.1599% | 1887 | 0.597461 | 1.673751 | 2.2075% | 1886 |
| 0.584556 | 1.710699 | 2.2592% | 1885 | 0.571642 | 1.749347 | 2.3095% | 1884 |
| 0.558738 | 1.789749 | 2.3641% | 1883 | 0.545833 | 1.832061 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.532929 | 1.876422 | 2.4815% | 1881 | 0.520025 | 1.922985 | 3.7644% | 1880 |
| 0.501159 | 1.995374 | 0.9432% | 1879 | 0.496476 | 2.014195 | 2.1464% | 1878 |
| 0.486044 | 2.057427 | 2.1913% | 1877 | 0.475622 | 2.102512 | 2.2426% | 1876 |
| 0.465189 | 2.149663 | 2.2941% | 1875 | 0.454757 | 2.198977 | 2.3456% | 1874 |
| 0.444335 | 2.250556 | 2.4043% | 1873 | 0.433902 | 2.304667 | 2.4635% | 1872 |
| 0.423470 | 2.361443 | 2.5258% | 1871 | 0.413037 | 2.421088 | 5.9947% | 1870 |
| 0.389678 | 2.566224 | -1.0968% | 1869 | 0.393999 | 2.538078 | 2.1930% | 1868 |
| 0.385544 | 2.593738 | 2.2394% | 1867 | 0.377099 | 2.651822 | 2.2935% | 1866 |
| 0.368644 | 2.712642 | 2.3445% | 1865 | 0.360200 | 2.776239 | 2.4037% | 1864 |
| 0.351745 | 2.842971 | 2.4599% | 1863 | 0.343300 | 2.912905 | 2.5250% | 1862 |
| 0.334845 | 2.986456 | 2.5872% | 1861 | 0.326400 | 3.063723 | 2.9504% | 1860 |
| 0.317046 | 3.154115 | 2.4012% | 1859 | 0.309612 | 3.229853 | 2.7627% | 1858 |
| 0.301288 | 3.319084 | 2.8412% | 1857 | 0.292964 | 3.413386 | 2.9243% | 1856 |
| 0.284640 | 3.513204 | 3.0161% | 1855 | 0.276307 | 3.619167 | 3.1061% | 1854 |
| 0.267983 | 3.731580 | 3.2056% | 1853 | 0.259659 | 3.851201 | 3.3118% | 1852 |
| 0.251336 | 3.978744 | 3.4252% | 1851 | 0.243012 | 4.115025 | 4.0106% | 1850 |
| 0.233641 | 4.280063 | 2.3254% | 1849 | 0.228332 | 4.379590 | 2.7841% | 1848 |
| 0.222147 | 4.501521 | 2.8590% | 1847 | 0.215972 | 4.630220 | 2.9432% | 1846 |
| 0.209798 | 4.766495 | 3.0324% | 1845 | 0.203623 | 4.911035 | 3.1325% | 1844 |
| 0.197438 | 5.064873 | 3.2284% | 1843 | 0.191264 | 5.228385 | 3.3361% | 1842 |
| 0.185089 | 5.402807 | 3.4512% | 1841 | 0.178914 | 5.589269 | 3.8105% | 1840 |
| 0.172347 | 5.802247 | 2.3861% | 1839 | 0.168331 | 5.940692 | 2.5824% | 1838 |
| 0.164093 | 6.094104 | 2.6573% | 1837 | 0.159845 | 6.256044 | 2.7232% | 1836 |
| 0.155608 | 6.426409 | 2.7994% | 1835 | 0.151370 | 6.606312 | 2.8871% | 1834 |
| 0.147123 | 6.797044 | 2.9657% | 1833 | 0.142885 | 6.998623 | 3.0563% | 1832 |
| 0.138648 | 7.212524 | 3.1604% | 1831 | 0.134400 | 7.440470 | 3.4660% | 1830 |
| 0.129898 | 7.698354 | 2.4653% | 1829 | 0.126773 | 7.888142 | 2.6804% | 1828 |
| 0.123463 | 8.099575 | 10.3427% | 1827 | 0.111891 | 8.937286 | -4.2314% | 1826 |
| 0.116835 | 8.559111 | 2.9150% | 1825 | 0.113525 | 8.808612 | 3.0026% | 1824 |
| 0.110216 | 9.073096 | 3.0955% | 1823 | 0.106907 | 9.353954 | 3.1944% | 1822 |

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|----------|------------|------------|------------|----------|------------|------------|------|
| 0.103597 | 9.652756 | 3.3102% | 1821 | 0.100278 | 9.972281 | 3.2277% | 1820 |
| 0.097142 | 10.294160 | 2.6573% | 1819 | 0.094628 | 10.567704 | 2.6261% | 1818 |
| 0.092206 | 10.845224 | 2.6969% | 1817 | 0.089785 | 11.137712 | 2.7717% | 1816 |
| 0.087364 | 11.446414 | 2.8507% | 1815 | 0.084942 | 11.772716 | 2.9343% | 1814 |
| 0.082521 | 12.118168 | 3.0231% | 1813 | 0.080099 | 12.484507 | 3.1039% | 1812 |
| 0.077688 | 12.872013 | 3.2172% | 1811 | 0.075266 | 13.286126 | 3.0969% | 1810 |
| 0.073006 | 13.697586 | 2.9144% | 1809 | 0.070938 | 14.096786 | 2.8225% | 1808 |
| 0.068991 | 14.494662 | 2.9199% | 1807 | 0.067034 | 14.917896 | 2.9918% | 1806 |
| 0.065086 | 15.364207 | 3.0841% | 1805 | 0.063139 | 15.838047 | 3.1822% | 1804 |
| 0.061192 | 16.342045 | 3.2868% | 1803 | 0.059245 | 16.879172 | 3.3985% | 1802 |
| 0.057297 | 17.452809 | 3.5180% | 1801 | 0.055350 | 18.066806 | 3.3999% | 1800 |
| 0.053530 | 18.681068 | 2.8419% | 1799 | 0.052051 | 19.211960 | 2.7485% | 1798 |
| 0.050659 | 19.739992 | 2.8261% | 1797 | 0.049266 | 20.297870 | 3.7832% | 1796 |
| 0.047470 | 21.065781 | 2.1272% | 1795 | 0.046482 | 21.513892 | 3.0879% | 1794 |
| 0.045089 | 22.178228 | 3.1625% | 1793 | 0.043707 | 22.879617 | 3.2904% | 1792 |
| 0.042315 | 23.632451 | 3.4024% | 1791 | 0.040922 | 24.436514 | 3.2296% | 1790 |
| 0.039642 | 25.225707 | 41.3145% | 1780 | 0.028052 | 35.647569 | 29.4353% | 1770 |
| 0.021673 | 46.140543 | 83.4728% | 1750 | 0.011813 | 84.655364 | 29.2845% | 1740 |
| 0.009137 | 109.446223 | 94.2514% | 1720 | 0.004704 | 212.600815 | 85.8111% | |
| 1700 | 0.002531 | 395.035871 | 19.2490% | 1690 | 0.002123 | 471.076521 | |
| 88.0250% | 1670 | 0.001129 | 885.741734 | | | | |

BASE YEAR: 1913

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.100306 | 0.322549 | 8.2857% | 2001 | 2.863081 | 0.349274 | 1.0000% |
| 2000 | 2.834733 | 0.352767 | 1.0000% | 1999 | 2.806667 | 0.356295 | 1.0000% |
| 1998 | 2.778878 | 0.359857 | 1.0000% | 1997 | 2.751364 | 0.363456 | 1.0000% |
| 1996 | 2.724123 | 0.367091 | 1.0000% | 1995 | 2.697151 | 0.370762 | 0.9992% |
| 1994 | 2.670467 | 0.374466 | 1.0008% | 1993 | 2.644007 | 0.378214 | 1.0000% |
| 1992 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.617829 | 0.381996 | 0.9295% | 1991 | 2.593720 | 0.385547 | 1.2505% | 1990 |
| 2.561686 | 0.390368 | 0.7224% | 1989 | 2.543311 | 0.393188 | 1.1077% | 1988 |
| 2.515449 | 0.397543 | 0.8834% | 1987 | 2.493423 | 0.401055 | 0.5594% | 1986 |
| 2.479553 | 0.403299 | 1.3056% | 1985 | 2.447596 | 0.408564 | 0.7673% | 1984 |
| 2.428959 | 0.411699 | 0.8149% | 1983 | 2.409325 | 0.415054 | 0.9737% | 1982 |
| 2.386090 | 0.419096 | 0.9508% | 1981 | 2.363617 | 0.423080 | 0.9031% | 1980 |
| 2.342463 | 0.426901 | 2.2701% | 1979 | 2.290468 | 0.436592 | 1.0042% | 1978 |
| 2.267696 | 0.440976 | 0.9896% | 1977 | 2.245474 | 0.445340 | 0.9103% | 1976 |
| 2.225218 | 0.449394 | 0.8394% | 1975 | 2.206694 | 0.453167 | 0.9042% | 1974 |
| 2.186920 | 0.457264 | 1.1568% | 1973 | 2.161911 | 0.462554 | 0.9427% | 1972 |
| 2.141721 | 0.466914 | 0.7426% | 1971 | 2.125933 | 0.470382 | 1.4697% | 1970 |
| 2.095140 | 0.477295 | 0.6968% | 1969 | 2.080642 | 0.480621 | 0.8565% | 1968 |
| 2.062972 | 0.484738 | 1.5090% | 1967 | 2.032304 | 0.492052 | 0.9949% | 1966 |
| 2.012283 | 0.496948 | 1.0575% | 1965 | 1.991227 | 0.502203 | 1.1300% | 1964 |
| 1.968977 | 0.507878 | 1.5537% | 1963 | 1.938854 | 0.515769 | 1.4658% | 1962 |
| 1.910844 | 0.523329 | 1.5364% | 1961 | 1.881930 | 0.531369 | 2.1586% | 1960 |
| 1.842164 | 0.542840 | -1.6655% | 1959 | 1.873365 | 0.533799 | 4.3080% | 1958 |
| 1.795993 | 0.556795 | 2.1130% | 1957 | 1.758830 | 0.568560 | 1.9895% | 1956 |
| 1.724521 | 0.579871 | 2.1231% | 1955 | 1.688669 | 0.592182 | 1.4496% | 1954 |
| 1.664539 | 0.600767 | 2.1573% | 1953 | 1.629389 | 0.613727 | 1.2298% | 1952 |
| 1.609595 | 0.621274 | 1.6814% | 1951 | 1.582979 | 0.631720 | 1.6233% | 1950 |
| 1.557694 | 0.641975 | 1.4265% | 1949 | 1.535785 | 0.651133 | 1.7790% | 1948 |
| 1.508941 | 0.662717 | 1.8242% | 1947 | 1.481908 | 0.674806 | -2.6320% | 1946 |
| 1.521967 | 0.657045 | 3.1768% | 1945 | 1.475106 | 0.677918 | 6.4754% | 1944 |
| 1.385396 | 0.721816 | -0.3437% | 1943 | 1.390173 | 0.719335 | 0.6562% | 1942 |
| 1.381110 | 0.724055 | 0.6633% | 1941 | 1.372010 | 0.728858 | -5.6614% | 1940 |
| 1.454346 | 0.687594 | 8.0381% | 1939 | 1.346142 | 0.742864 | 0.8126% | 1938 |
| 1.335291 | 0.748900 | 0.7762% | 1937 | 1.325006 | 0.754714 | 0.6029% | 1936 |
| 1.317065 | 0.759264 | 0.5244% | 1935 | 1.310195 | 0.763245 | -3.0364% | 1934 |
| 1.351223 | 0.740070 | 4.6271% | 1933 | 1.291465 | 0.774314 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.273733 | 0.785094 | -0.2051% | 1931 | 1.276351 | 0.783484 | 0.8886% | 1930 |
| 1.265109 | 0.790446 | 1.0126% | 1929 | 1.252427 | 0.798450 | 1.1526% | 1928 |
| 1.238156 | 0.807652 | 1.2160% | 1927 | 1.223281 | 0.817473 | 1.4086% | 1926 |
| 1.206290 | 0.828988 | 1.7667% | 1925 | 1.185348 | 0.843634 | 1.4465% | 1924 |
| 1.168447 | 0.855837 | 1.7700% | 1923 | 1.148125 | 0.870985 | 1.6165% | 1922 |
| 1.129861 | 0.885065 | 1.3736% | 1921 | 1.114551 | 0.897222 | 2.3393% | 1920 |
| 1.089074 | 0.918211 | 1.3140% | 1919 | 1.074949 | 0.930277 | 0.7676% | 1918 |
| 1.066760 | 0.937418 | 0.3870% | 1917 | 1.062648 | 0.941046 | 1.3274% | 1916 |
| 1.048727 | 0.953537 | 1.4083% | 1915 | 1.034163 | 0.966966 | 1.4458% | 1914 |
| 1.019424 | 0.980946 | 1.9424% | 1913 | 1.000000 | 1.000000 | 1.9857% | 1912 |
| 0.980530 | 1.019857 | 1.5634% | 1911 | 0.965436 | 1.035801 | 1.8169% | 1910 |
| 0.948208 | 1.054621 | 1.8781% | 1909 | 0.930728 | 1.074427 | 2.0082% | 1908 |
| 0.912405 | 1.096004 | 1.9603% | 1907 | 0.894864 | 1.117489 | 1.8264% | 1906 |
| 0.878813 | 1.137898 | 1.9357% | 1905 | 0.862125 | 1.159924 | 2.0148% | 1904 |
| 0.845098 | 1.183295 | 2.1335% | 1903 | 0.827444 | 1.208541 | 1.8151% | 1902 |
| 0.812693 | 1.230477 | 1.8943% | 1901 | 0.797584 | 1.253787 | 3.0255% | 1900 |
| 0.774161 | 1.291720 | 0.6278% | 1899 | 0.769331 | 1.299830 | 1.7757% | 1898 |
| 0.755909 | 1.322911 | 1.8078% | 1897 | 0.742487 | 1.346826 | 1.8396% | 1896 |
| 0.729075 | 1.371602 | 1.8755% | 1895 | 0.715652 | 1.397327 | 1.9114% | 1894 |
| 0.702230 | 1.424035 | 1.9486% | 1893 | 0.688808 | 1.451784 | 1.9858% | 1892 |
| 0.675395 | 1.480614 | 2.0276% | 1891 | 0.661973 | 1.510635 | 2.6465% | 1890 |
| 0.644906 | 1.550615 | 1.5328% | 1889 | 0.635170 | 1.574383 | 2.0811% | 1888 |
| 0.622220 | 1.607148 | 2.1599% | 1887 | 0.609065 | 1.641860 | 2.2075% | 1886 |
| 0.595911 | 1.678104 | 2.2592% | 1885 | 0.582745 | 1.716015 | 2.3095% | 1884 |
| 0.569590 | 1.755647 | 2.3641% | 1883 | 0.556436 | 1.797153 | 2.4214% | 1882 |
| 0.543281 | 1.840669 | 2.4815% | 1881 | 0.530126 | 1.886345 | 3.7644% | 1880 |
| 0.510894 | 1.957355 | 0.9432% | 1879 | 0.506120 | 1.975817 | 2.1464% | 1878 |
| 0.495485 | 2.018226 | 2.1913% | 1877 | 0.484860 | 2.062451 | 2.2426% | 1876 |
| 0.474225 | 2.108704 | 2.2941% | 1875 | 0.463590 | 2.157079 | 2.3456% | 1874 |
| 0.452965 | 2.207675 | 2.4043% | 1873 | 0.442330 | 2.260754 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.431695 | 2.316449 | 2.5258% | 1871 | 0.421060 | 2.374957 | 5.9947% | 1870 |
| 0.397247 | 2.517328 | -1.0968% | 1869 | 0.401652 | 2.489719 | 2.1930% | 1868 |
| 0.393033 | 2.544317 | 2.2394% | 1867 | 0.384424 | 2.601295 | 2.2935% | 1866 |
| 0.375805 | 2.660956 | 2.3445% | 1865 | 0.367196 | 2.723341 | 2.4037% | 1864 |
| 0.358577 | 2.788802 | 2.4599% | 1863 | 0.349968 | 2.857403 | 2.5250% | 1862 |
| 0.341349 | 2.929553 | 2.5872% | 1861 | 0.332740 | 3.005348 | 2.9504% | 1860 |
| 0.323204 | 3.094018 | 2.4012% | 1859 | 0.315625 | 3.168312 | 2.7627% | 1858 |
| 0.307140 | 3.255844 | 2.8412% | 1857 | 0.298655 | 3.348349 | 2.9243% | 1856 |
| 0.290169 | 3.446264 | 3.0161% | 1855 | 0.281674 | 3.550208 | 3.1061% | 1854 |
| 0.273188 | 3.660480 | 3.2056% | 1853 | 0.264703 | 3.777821 | 3.3118% | 1852 |
| 0.256217 | 3.902934 | 3.4252% | 1851 | 0.247732 | 4.036619 | 4.0106% | 1850 |
| 0.238180 | 4.198512 | 2.3254% | 1849 | 0.232767 | 4.296142 | 2.7841% | 1848 |
| 0.226462 | 4.415751 | 2.8590% | 1847 | 0.220167 | 4.541998 | 2.9432% | 1846 |
| 0.213873 | 4.675676 | 3.0324% | 1845 | 0.207578 | 4.817461 | 3.1325% | 1844 |
| 0.201273 | 4.968368 | 3.2284% | 1843 | 0.194979 | 5.128765 | 3.3361% | 1842 |
| 0.188684 | 5.299864 | 3.4512% | 1841 | 0.182389 | 5.482772 | 3.8105% | 1840 |
| 0.175695 | 5.691693 | 2.3861% | 1839 | 0.171600 | 5.827499 | 2.5824% | 1838 |
| 0.167280 | 5.977988 | 2.6573% | 1837 | 0.162950 | 6.136843 | 2.7232% | 1836 |
| 0.158630 | 6.303962 | 2.7994% | 1835 | 0.154311 | 6.480437 | 2.8871% | 1834 |
| 0.149980 | 6.667535 | 2.9657% | 1833 | 0.145661 | 6.865273 | 3.0563% | 1832 |
| 0.141341 | 7.075098 | 3.1604% | 1831 | 0.137011 | 7.298701 | 3.4660% | 1830 |
| 0.132421 | 7.551672 | 2.4653% | 1829 | 0.129235 | 7.737843 | 2.6804% | 1828 |
| 0.125861 | 7.945248 | 10.3427% | 1827 | 0.114064 | 8.766997 | -4.2314% | 1826 |
| 0.119104 | 8.396028 | 2.9150% | 1825 | 0.115730 | 8.640775 | 3.0026% | 1824 |
| 0.112357 | 8.900220 | 3.0955% | 1823 | 0.108983 | 9.175727 | 3.1944% | 1822 |
| 0.105610 | 9.468835 | 3.3102% | 1821 | 0.102226 | 9.782272 | 3.2277% | 1820 |
| 0.099029 | 10.098018 | 2.6573% | 1819 | 0.096466 | 10.366350 | 2.6261% | 1818 |
| 0.093997 | 10.638582 | 2.6969% | 1817 | 0.091529 | 10.925497 | 2.7717% | 1816 |
| 0.089061 | 11.228317 | 2.8507% | 1815 | 0.086592 | 11.548402 | 2.9343% | 1814 |
| 0.084124 | 11.887272 | 3.0231% | 1813 | 0.081655 | 12.246631 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.079197 | 12.626753 | 3.2172% | 1811 | 0.076728 | 13.032976 | 3.0969% | 1810 |
| 0.074424 | 13.436596 | 2.9144% | 1809 | 0.072316 | 13.828189 | 2.8225% | 1808 |
| 0.070331 | 14.218485 | 2.9199% | 1807 | 0.068336 | 14.633654 | 2.9918% | 1806 |
| 0.066351 | 15.071462 | 3.0841% | 1805 | 0.064365 | 15.536274 | 3.1822% | 1804 |
| 0.062380 | 16.030668 | 3.2868% | 1803 | 0.060395 | 16.557561 | 3.3985% | 1802 |
| 0.058410 | 17.120268 | 3.5180% | 1801 | 0.056425 | 17.722567 | 3.3999% | 1800 |
| 0.054570 | 18.325124 | 2.8419% | 1799 | 0.053062 | 18.845900 | 2.7485% | 1798 |
| 0.051643 | 19.363872 | 2.8261% | 1797 | 0.050223 | 19.911120 | 3.7832% | 1796 |
| 0.048392 | 20.664400 | 2.1272% | 1795 | 0.047384 | 21.103972 | 3.0879% | 1794 |
| 0.045965 | 21.755650 | 3.1625% | 1793 | 0.044556 | 22.443675 | 3.2904% | 1792 |
| 0.043137 | 23.182165 | 3.4024% | 1791 | 0.041717 | 23.970907 | 3.2296% | 1790 |
| 0.040412 | 24.745063 | 41.3145% | 1780 | 0.028597 | 34.968350 | 29.4353% | 1770 |
| 0.022094 | 45.261394 | 83.4728% | 1750 | 0.012042 | 83.042364 | 29.2845% | 1740 |
| 0.009314 | 107.360866 | 94.2514% | 1720 | 0.004795 | 208.549979 | 85.8111% | 1700 |
| 0.002581 | 387.508968 | 19.2490% | 1690 | 0.002164 | 462.100760 | 88.0250% | 1670 |
| 0.001151 | 868.865058 | | | | | | |

BASE YEAR: 1912

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.161868 | 0.316269 | 8.2857% | 2001 | 2.919932 | 0.342474 | 1.0000% |
| 2000 | 2.891022 | 0.345898 | 1.0000% | 1999 | 2.862398 | 0.349357 | 1.0000% |
| 1998 | 2.834057 | 0.352851 | 1.0000% | 1997 | 2.805997 | 0.356380 | 1.0000% |
| 1996 | 2.778215 | 0.359943 | 1.0000% | 1995 | 2.750708 | 0.363543 | 0.9992% |
| 1994 | 2.723494 | 0.367175 | 1.0008% | 1993 | 2.696508 | 0.370850 | 1.0000% |
| 1992 | 2.669810 | 0.374558 | 0.9295% | 1991 | 2.645223 | 0.378040 | 1.2505% |
| 1990 | 2.612552 | 0.382767 | 0.7224% | 1989 | 2.593813 | 0.385533 | 1.1077% |
| 1988 | 2.565397 | 0.389803 | 0.8834% | 1987 | 2.542934 | 0.393247 | 0.5594% |
| 1986 | 2.528789 | 0.395446 | 1.3056% | 1985 | 2.496198 | 0.400609 | 0.7673% |
| 1984 | 2.477190 | 0.403683 | 0.8149% | 1983 | 2.457166 | 0.406973 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.433470 | 0.410936 | 0.9508% | 1981 | 2.410550 | 0.414843 | 0.9031% | 1980 |
| 2.388976 | 0.418589 | 2.2701% | 1979 | 2.335949 | 0.428092 | 1.0042% | 1978 |
| 2.312725 | 0.432390 | 0.9896% | 1977 | 2.290062 | 0.436669 | 0.9103% | 1976 |
| 2.269403 | 0.440645 | 0.8394% | 1975 | 2.250511 | 0.444343 | 0.9042% | 1974 |
| 2.230345 | 0.448361 | 1.1568% | 1973 | 2.204840 | 0.453548 | 0.9427% | 1972 |
| 2.184249 | 0.457823 | 0.7426% | 1971 | 2.168147 | 0.461223 | 1.4697% | 1970 |
| 2.136743 | 0.468002 | 0.6968% | 1969 | 2.121957 | 0.471263 | 0.8565% | 1968 |
| 2.103936 | 0.475300 | 1.5090% | 1967 | 2.072658 | 0.482472 | 0.9949% | 1966 |
| 2.052241 | 0.487272 | 1.0575% | 1965 | 2.030766 | 0.492425 | 1.1300% | 1964 |
| 2.008074 | 0.497990 | 1.5537% | 1963 | 1.977353 | 0.505727 | 1.4658% | 1962 |
| 1.948787 | 0.513140 | 1.5364% | 1961 | 1.919299 | 0.521024 | 2.1586% | 1960 |
| 1.878743 | 0.532271 | -1.6655% | 1959 | 1.910563 | 0.523406 | 4.3080% | 1958 |
| 1.831656 | 0.545954 | 2.1130% | 1957 | 1.793755 | 0.557490 | 1.9895% | 1956 |
| 1.758764 | 0.568581 | 2.1231% | 1955 | 1.722200 | 0.580653 | 1.4496% | 1954 |
| 1.697592 | 0.589070 | 2.1573% | 1953 | 1.661744 | 0.601778 | 1.2298% | 1952 |
| 1.641556 | 0.609178 | 1.6814% | 1951 | 1.614412 | 0.619421 | 1.6233% | 1950 |
| 1.588624 | 0.629475 | 1.4265% | 1949 | 1.566281 | 0.638455 | 1.7790% | 1948 |
| 1.538903 | 0.649813 | 1.8242% | 1947 | 1.511334 | 0.661667 | -2.6320% | 1946 |
| 1.552188 | 0.644252 | 3.1768% | 1945 | 1.504396 | 0.664718 | 6.4754% | 1944 |
| 1.412905 | 0.707762 | -0.3437% | 1943 | 1.417778 | 0.705329 | 0.6562% | 1942 |
| 1.408534 | 0.709958 | 0.6633% | 1941 | 1.399253 | 0.714667 | -5.6614% | 1940 |
| 1.483225 | 0.674207 | 8.0381% | 1939 | 1.372872 | 0.728400 | 0.8126% | 1938 |
| 1.361805 | 0.734319 | 0.7762% | 1937 | 1.351316 | 0.740019 | 0.6029% | 1936 |
| 1.343218 | 0.744481 | 0.5244% | 1935 | 1.336211 | 0.748385 | -3.0364% | 1934 |
| 1.378054 | 0.725661 | 4.6271% | 1933 | 1.317110 | 0.759238 | 1.3921% | 1932 |
| 1.299026 | 0.769808 | -0.2051% | 1931 | 1.301695 | 0.768229 | 0.8886% | 1930 |
| 1.290230 | 0.775056 | 1.0126% | 1929 | 1.277296 | 0.782904 | 1.1526% | 1928 |
| 1.262742 | 0.791927 | 1.2160% | 1927 | 1.247572 | 0.801557 | 1.4086% | 1926 |
| 1.230243 | 0.812848 | 1.7667% | 1925 | 1.208885 | 0.827208 | 1.4465% | 1924 |
| 1.191648 | 0.839174 | 1.7700% | 1923 | 1.170923 | 0.854027 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.152296 | 0.867832 | 1.3736% | 1921 | 1.136682 | 0.879753 | 2.3393% | 1920 |
| 1.110699 | 0.900334 | 1.3140% | 1919 | 1.096294 | 0.912164 | 0.7676% | 1918 |
| 1.087943 | 0.919166 | 0.3870% | 1917 | 1.083749 | 0.922723 | 1.3274% | 1916 |
| 1.069551 | 0.934972 | 1.4083% | 1915 | 1.054698 | 0.948139 | 1.4458% | 1914 |
| 1.039666 | 0.961847 | 1.9424% | 1913 | 1.019857 | 0.980530 | 1.9857% | 1912 |
| 1.000000 | 1.000000 | 1.5634% | 1911 | 0.984607 | 1.015634 | 1.8169% | 1910 |
| 0.967036 | 1.034087 | 1.8781% | 1909 | 0.949210 | 1.053508 | 2.0082% | 1908 |
| 0.930522 | 1.074665 | 1.9603% | 1907 | 0.912633 | 1.095731 | 1.8264% | 1906 |
| 0.896264 | 1.115743 | 1.9357% | 1905 | 0.879244 | 1.137340 | 2.0148% | 1904 |
| 0.861879 | 1.160256 | 2.1335% | 1903 | 0.843875 | 1.185010 | 1.8151% | 1902 |
| 0.828830 | 1.206520 | 1.8943% | 1901 | 0.813421 | 1.229376 | 3.0255% | 1900 |
| 0.789534 | 1.266570 | 0.6278% | 1899 | 0.784608 | 1.274522 | 1.7757% | 1898 |
| 0.770919 | 1.297154 | 1.8078% | 1897 | 0.757230 | 1.320603 | 1.8396% | 1896 |
| 0.743552 | 1.344897 | 1.8755% | 1895 | 0.729863 | 1.370121 | 1.9114% | 1894 |
| 0.716174 | 1.396309 | 1.9486% | 1893 | 0.702485 | 1.423518 | 1.9858% | 1892 |
| 0.688807 | 1.451786 | 2.0276% | 1891 | 0.675118 | 1.481223 | 2.6465% | 1890 |
| 0.657711 | 1.520424 | 1.5328% | 1889 | 0.647782 | 1.543729 | 2.0811% | 1888 |
| 0.634576 | 1.575856 | 2.1599% | 1887 | 0.621160 | 1.609892 | 2.2075% | 1886 |
| 0.607743 | 1.645431 | 2.2592% | 1885 | 0.594317 | 1.682604 | 2.3095% | 1884 |
| 0.580901 | 1.721465 | 2.3641% | 1883 | 0.567485 | 1.762163 | 2.4214% | 1882 |
| 0.554068 | 1.804831 | 2.4815% | 1881 | 0.540652 | 1.849618 | 3.7644% | 1880 |
| 0.521038 | 1.919245 | 0.9432% | 1879 | 0.516170 | 1.937348 | 2.1464% | 1878 |
| 0.505323 | 1.978931 | 2.1913% | 1877 | 0.494488 | 2.022295 | 2.2426% | 1876 |
| 0.483642 | 2.067647 | 2.2941% | 1875 | 0.472795 | 2.115080 | 2.3456% | 1874 |
| 0.461960 | 2.164691 | 2.4043% | 1873 | 0.451113 | 2.216737 | 2.4635% | 1872 |
| 0.440267 | 2.271348 | 2.5258% | 1871 | 0.429421 | 2.328717 | 5.9947% | 1870 |
| 0.405135 | 2.468316 | -1.0968% | 1869 | 0.409627 | 2.441244 | 2.1930% | 1868 |
| 0.400837 | 2.494779 | 2.2394% | 1867 | 0.392057 | 2.550647 | 2.2935% | 1866 |
| 0.383267 | 2.609147 | 2.3445% | 1865 | 0.374487 | 2.670317 | 2.4037% | 1864 |
| 0.365697 | 2.734504 | 2.4599% | 1863 | 0.356917 | 2.801769 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.348127 | 2.872514 | 2.5872% | 1861 | 0.339347 | 2.946833 | 2.9504% | 1860 |
| 0.329622 | 3.033777 | 2.4012% | 1859 | 0.321893 | 3.106625 | 2.7627% | 1858 |
| 0.313239 | 3.192452 | 2.8412% | 1857 | 0.304585 | 3.283156 | 2.9243% | 1856 |
| 0.295931 | 3.379165 | 3.0161% | 1855 | 0.287267 | 3.481085 | 3.1061% | 1854 |
| 0.278613 | 3.589210 | 3.2056% | 1853 | 0.269959 | 3.704266 | 3.3118% | 1852 |
| 0.261305 | 3.826944 | 3.4252% | 1851 | 0.252651 | 3.958025 | 4.0106% | 1850 |
| 0.242909 | 4.116766 | 2.3254% | 1849 | 0.237389 | 4.212496 | 2.7841% | 1848 |
| 0.230959 | 4.329776 | 2.8590% | 1847 | 0.224539 | 4.453564 | 2.9432% | 1846 |
| 0.218120 | 4.584640 | 3.0324% | 1845 | 0.211700 | 4.723665 | 3.1325% | 1844 |
| 0.205270 | 4.871634 | 3.2284% | 1843 | 0.198850 | 5.028908 | 3.3361% | 1842 |
| 0.192431 | 5.196675 | 3.4512% | 1841 | 0.186011 | 5.376022 | 3.8105% | 1840 |
| 0.179183 | 5.580875 | 2.3861% | 1839 | 0.175008 | 5.714037 | 2.5824% | 1838 |
| 0.170602 | 5.861596 | 2.6573% | 1837 | 0.166186 | 6.017358 | 2.7232% | 1836 |
| 0.161780 | 6.181223 | 2.7994% | 1835 | 0.157375 | 6.354262 | 2.8871% | 1834 |
| 0.152959 | 6.537718 | 2.9657% | 1833 | 0.148553 | 6.731606 | 3.0563% | 1832 |
| 0.144147 | 6.937345 | 3.1604% | 1831 | 0.139731 | 7.156595 | 3.4660% | 1830 |
| 0.135050 | 7.404640 | 2.4653% | 1829 | 0.131801 | 7.587187 | 2.6804% | 1828 |
| 0.128361 | 7.790553 | 10.3427% | 1827 | 0.116329 | 8.596303 | -4.2314% | 1826 |
| 0.121469 | 8.232556 | 2.9150% | 1825 | 0.118028 | 8.472538 | 3.0026% | 1824 |
| 0.114588 | 8.726932 | 3.0955% | 1823 | 0.111147 | 8.997074 | 3.1944% | 1822 |
| 0.107707 | 9.284476 | 3.3102% | 1821 | 0.104256 | 9.591810 | 3.2277% | 1820 |
| 0.100996 | 9.901409 | 2.6573% | 1819 | 0.098381 | 10.164516 | 2.6261% | 1818 |
| 0.095864 | 10.431448 | 2.6969% | 1817 | 0.093346 | 10.712777 | 2.7717% | 1816 |
| 0.090829 | 11.009701 | 2.8507% | 1815 | 0.088311 | 11.323554 | 2.9343% | 1814 |
| 0.085794 | 11.655826 | 3.0231% | 1813 | 0.083277 | 12.008187 | 3.1039% | 1812 |
| 0.080770 | 12.380909 | 3.2172% | 1811 | 0.078252 | 12.779223 | 3.0969% | 1810 |
| 0.075901 | 13.174984 | 2.9144% | 1809 | 0.073752 | 13.558953 | 2.8225% | 1808 |
| 0.071728 | 13.941650 | 2.9199% | 1807 | 0.069693 | 14.348736 | 2.9918% | 1806 |
| 0.067668 | 14.778019 | 3.0841% | 1805 | 0.065644 | 15.233781 | 3.1822% | 1804 |
| 0.063619 | 15.718549 | 3.2868% | 1803 | 0.061595 | 16.235184 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.059570 | 16.786934 | 3.5180% | 1801 | 0.057546 | 17.377506 | 3.3999% | 1800 |
| 0.055653 | 17.968332 | 2.8419% | 1799 | 0.054116 | 18.478969 | 2.7485% | 1798 |
| 0.052668 | 18.986855 | 2.8261% | 1797 | 0.051220 | 19.523449 | 3.7832% | 1796 |
| 0.049353 | 20.262062 | 2.1272% | 1795 | 0.048325 | 20.693076 | 3.0879% | 1794 |
| 0.046878 | 21.332065 | 3.1625% | 1793 | 0.045441 | 22.006694 | 3.2904% | 1792 |
| 0.043993 | 22.730806 | 3.4024% | 1791 | 0.042546 | 23.504191 | 3.2296% | 1790 |
| 0.041215 | 24.263274 | 41.3145% | 1780 | 0.029165 | 34.287513 | 29.4353% | 1770 |
| 0.022533 | 44.380150 | 83.4728% | 1750 | 0.012281 | 81.425521 | 29.2845% | 1740 |
| 0.009499 | 105.270539 | 94.2514% | 1720 | 0.004890 | 204.489489 | 85.8111% | 1700 |
| 0.002632 | 379.964129 | 19.2490% | 1690 | 0.002207 | 453.103612 | 88.0250% | 1670 |
| 0.001174 | 851.948168 | | | | | | |

BASE YEAR: 1911

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.211301 | 0.311400 | 8.2857% | 2001 | 2.965583 | 0.337202 | 1.0000% |
| 2000 | 2.936220 | 0.340574 | 1.0000% | 1999 | 2.907149 | 0.343980 | 1.0000% |
| 1998 | 2.878365 | 0.347419 | 1.0000% | 1997 | 2.849866 | 0.350894 | 1.0000% |
| 1996 | 2.821650 | 0.354403 | 1.0000% | 1995 | 2.793713 | 0.357947 | 0.9992% |
| 1994 | 2.766073 | 0.361523 | 1.0008% | 1993 | 2.738666 | 0.365141 | 1.0000% |
| 1992 | 2.711550 | 0.368793 | 0.9295% | 1991 | 2.686578 | 0.372221 | 1.2505% |
| 1990 | 2.653397 | 0.376875 | 0.7224% | 1989 | 2.634365 | 0.379598 | 1.1077% |
| 1988 | 2.605505 | 0.383803 | 0.8834% | 1987 | 2.582690 | 0.387193 | 0.5594% |
| 1986 | 2.568324 | 0.389359 | 1.3056% | 1985 | 2.535223 | 0.394443 | 0.7673% |
| 1984 | 2.515919 | 0.397469 | 0.8149% | 1983 | 2.495581 | 0.400708 | 0.9737% |
| 1982 | 2.471515 | 0.404610 | 0.9508% | 1981 | 2.448237 | 0.408457 | 0.9031% |
| 1980 | 2.426326 | 0.412146 | 2.2701% | 1979 | 2.372469 | 0.421502 | 1.0042% |
| 1978 | 2.348882 | 0.425734 | 0.9896% | 1977 | 2.325865 | 0.429948 | 0.9103% |
| 1976 | 2.304883 | 0.433861 | 0.8394% | 1975 | 2.285696 | 0.437503 | 0.9042% |
| 1974 | 2.265215 | 0.441459 | 1.1568% | 1973 | 2.239311 | 0.446566 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.218398 | 0.450776 | 0.7426% | 1971 | 2.202044 | 0.454123 | 1.4697% | 1970 |
| 2.170149 | 0.460798 | 0.6968% | 1969 | 2.155132 | 0.464009 | 0.8565% | 1968 |
| 2.136829 | 0.467983 | 1.5090% | 1967 | 2.105063 | 0.475045 | 0.9949% | 1966 |
| 2.084325 | 0.479772 | 1.0575% | 1965 | 2.062515 | 0.484845 | 1.1300% | 1964 |
| 2.039469 | 0.490324 | 1.5537% | 1963 | 2.008267 | 0.497942 | 1.4658% | 1962 |
| 1.979255 | 0.505241 | 1.5364% | 1961 | 1.949305 | 0.513003 | 2.1586% | 1960 |
| 1.908116 | 0.524077 | -1.6655% | 1959 | 1.940433 | 0.515349 | 4.3080% | 1958 |
| 1.860292 | 0.537550 | 2.1130% | 1957 | 1.821798 | 0.548908 | 1.9895% | 1956 |
| 1.786261 | 0.559829 | 2.1231% | 1955 | 1.749125 | 0.571714 | 1.4496% | 1954 |
| 1.724132 | 0.580002 | 2.1573% | 1953 | 1.687723 | 0.592514 | 1.2298% | 1952 |
| 1.667221 | 0.599801 | 1.6814% | 1951 | 1.639652 | 0.609886 | 1.6233% | 1950 |
| 1.613461 | 0.619786 | 1.4265% | 1949 | 1.590768 | 0.628627 | 1.7790% | 1948 |
| 1.562962 | 0.639811 | 1.8242% | 1947 | 1.534962 | 0.651482 | -2.6320% | 1946 |
| 1.576455 | 0.634335 | 3.1768% | 1945 | 1.527916 | 0.654486 | 6.4754% | 1944 |
| 1.434994 | 0.696867 | -0.3437% | 1943 | 1.439943 | 0.694472 | 0.6562% | 1942 |
| 1.430556 | 0.699029 | 0.6633% | 1941 | 1.421129 | 0.703666 | -5.6614% | 1940 |
| 1.506414 | 0.663828 | 8.0381% | 1939 | 1.394336 | 0.717187 | 0.8126% | 1938 |
| 1.383096 | 0.723016 | 0.7762% | 1937 | 1.372442 | 0.728628 | 0.6029% | 1936 |
| 1.364218 | 0.733021 | 0.5244% | 1935 | 1.357101 | 0.736865 | -3.0364% | 1934 |
| 1.399598 | 0.714491 | 4.6271% | 1933 | 1.337701 | 0.747551 | 1.3921% | 1932 |
| 1.319335 | 0.757958 | -0.2051% | 1931 | 1.322046 | 0.756403 | 0.8886% | 1930 |
| 1.310402 | 0.763125 | 1.0126% | 1929 | 1.297266 | 0.770852 | 1.1526% | 1928 |
| 1.282484 | 0.779737 | 1.2160% | 1927 | 1.267076 | 0.789218 | 1.4086% | 1926 |
| 1.249476 | 0.800335 | 1.7667% | 1925 | 1.227785 | 0.814475 | 1.4465% | 1924 |
| 1.210279 | 0.826256 | 1.7700% | 1923 | 1.189230 | 0.840881 | 1.6165% | 1922 |
| 1.170311 | 0.854474 | 1.3736% | 1921 | 1.154453 | 0.866211 | 2.3393% | 1920 |
| 1.128064 | 0.886474 | 1.3140% | 1919 | 1.113434 | 0.898123 | 0.7676% | 1918 |
| 1.104951 | 0.905017 | 0.3870% | 1917 | 1.100692 | 0.908519 | 1.3274% | 1916 |
| 1.086272 | 0.920579 | 1.4083% | 1915 | 1.071187 | 0.933544 | 1.4458% | 1914 |
| 1.055920 | 0.947041 | 1.9424% | 1913 | 1.035801 | 0.965436 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.015634 | 0.984607 | 1.5634% | 1911 | 1.000000 | 1.000000 | 1.8169% | 1910 |
| 0.982155 | 1.018169 | 1.8781% | 1909 | 0.964050 | 1.037291 | 2.0082% | 1908 |
| 0.945070 | 1.058122 | 1.9603% | 1907 | 0.926901 | 1.078864 | 1.8264% | 1906 |
| 0.910276 | 1.098568 | 1.9357% | 1905 | 0.892991 | 1.119833 | 2.0148% | 1904 |
| 0.875354 | 1.142396 | 2.1335% | 1903 | 0.857068 | 1.166769 | 1.8151% | 1902 |
| 0.841788 | 1.187947 | 1.8943% | 1901 | 0.826138 | 1.210451 | 3.0255% | 1900 |
| 0.801877 | 1.247074 | 0.6278% | 1899 | 0.796874 | 1.254903 | 1.7757% | 1898 |
| 0.782971 | 1.277186 | 1.8078% | 1897 | 0.769069 | 1.300274 | 1.8396% | 1896 |
| 0.755176 | 1.324194 | 1.8755% | 1895 | 0.741273 | 1.349030 | 1.9114% | 1894 |
| 0.727371 | 1.374815 | 1.9486% | 1893 | 0.713468 | 1.401605 | 1.9858% | 1892 |
| 0.699575 | 1.429438 | 2.0276% | 1891 | 0.685673 | 1.458422 | 2.6465% | 1890 |
| 0.667994 | 1.497019 | 1.5328% | 1889 | 0.657909 | 1.519966 | 2.0811% | 1888 |
| 0.644497 | 1.551598 | 2.1599% | 1887 | 0.630871 | 1.585111 | 2.2075% | 1886 |
| 0.617245 | 1.620103 | 2.2592% | 1885 | 0.603608 | 1.656703 | 2.3095% | 1884 |
| 0.589982 | 1.694966 | 2.3641% | 1883 | 0.576357 | 1.735037 | 2.4214% | 1882 |
| 0.562731 | 1.777049 | 2.4815% | 1881 | 0.549105 | 1.821146 | 3.7644% | 1880 |
| 0.529184 | 1.889701 | 0.9432% | 1879 | 0.524239 | 1.907525 | 2.1464% | 1878 |
| 0.513224 | 1.948468 | 2.1913% | 1877 | 0.502219 | 1.991165 | 2.2426% | 1876 |
| 0.491203 | 2.035819 | 2.2941% | 1875 | 0.480187 | 2.082522 | 2.3456% | 1874 |
| 0.469182 | 2.131369 | 2.4043% | 1873 | 0.458166 | 2.182614 | 2.4635% | 1872 |
| 0.447150 | 2.236384 | 2.5258% | 1871 | 0.436135 | 2.292870 | 5.9947% | 1870 |
| 0.411468 | 2.430320 | -1.0968% | 1869 | 0.416031 | 2.403664 | 2.1930% | 1868 |
| 0.407104 | 2.456376 | 2.2394% | 1867 | 0.398187 | 2.511384 | 2.2935% | 1866 |
| 0.389259 | 2.568983 | 2.3445% | 1865 | 0.380342 | 2.629212 | 2.4037% | 1864 |
| 0.371414 | 2.692410 | 2.4599% | 1863 | 0.362497 | 2.758640 | 2.5250% | 1862 |
| 0.353570 | 2.828296 | 2.5872% | 1861 | 0.344653 | 2.901471 | 2.9504% | 1860 |
| 0.334775 | 2.987077 | 2.4012% | 1859 | 0.326925 | 3.058803 | 2.7627% | 1858 |
| 0.318136 | 3.143309 | 2.8412% | 1857 | 0.309347 | 3.232617 | 2.9243% | 1856 |
| 0.300558 | 3.327148 | 3.0161% | 1855 | 0.291758 | 3.427499 | 3.1061% | 1854 |
| 0.282969 | 3.533960 | 3.2056% | 1853 | 0.274180 | 3.647245 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.265390 | 3.768034 | 3.4252% | 1851 | 0.256601 | 3.897098 | 4.0106% | 1850 |
| 0.246707 | 4.053395 | 2.3254% | 1849 | 0.241100 | 4.147651 | 2.7841% | 1848 |
| 0.234570 | 4.263126 | 2.8590% | 1847 | 0.228050 | 4.385009 | 2.9432% | 1846 |
| 0.221530 | 4.514067 | 3.0324% | 1845 | 0.215010 | 4.650951 | 3.1325% | 1844 |
| 0.208479 | 4.796643 | 3.2284% | 1843 | 0.201959 | 4.951495 | 3.3361% | 1842 |
| 0.195439 | 5.116680 | 3.4512% | 1841 | 0.188919 | 5.293267 | 3.8105% | 1840 |
| 0.181985 | 5.494966 | 2.3861% | 1839 | 0.177744 | 5.626079 | 2.5824% | 1838 |
| 0.173269 | 5.771366 | 2.6573% | 1837 | 0.168784 | 5.924730 | 2.7232% | 1836 |
| 0.164310 | 6.086073 | 2.7994% | 1835 | 0.159835 | 6.256449 | 2.8871% | 1834 |
| 0.155350 | 6.437080 | 2.9657% | 1833 | 0.150875 | 6.627983 | 3.0563% | 1832 |
| 0.146401 | 6.830556 | 3.1604% | 1831 | 0.141916 | 7.046430 | 3.4660% | 1830 |
| 0.137162 | 7.290657 | 2.4653% | 1829 | 0.133862 | 7.470394 | 2.6804% | 1828 |
| 0.130367 | 7.670630 | 10.3427% | 1827 | 0.118148 | 8.463977 | -4.2314% | 1826 |
| 0.123368 | 8.105829 | 2.9150% | 1825 | 0.119874 | 8.342117 | 3.0026% | 1824 |
| 0.116379 | 8.592594 | 3.0955% | 1823 | 0.112885 | 8.858579 | 3.1944% | 1822 |
| 0.109391 | 9.141556 | 3.3102% | 1821 | 0.105886 | 9.444159 | 3.2277% | 1820 |
| 0.102575 | 9.748992 | 2.6573% | 1819 | 0.099920 | 10.008050 | 2.6261% | 1818 |
| 0.097363 | 10.270872 | 2.6969% | 1817 | 0.094806 | 10.547871 | 2.7717% | 1816 |
| 0.092249 | 10.840224 | 2.8507% | 1815 | 0.089692 | 11.149246 | 2.9343% | 1814 |
| 0.087135 | 11.476403 | 3.0231% | 1813 | 0.084578 | 11.823340 | 3.1039% | 1812 |
| 0.082032 | 12.190325 | 3.2172% | 1811 | 0.079475 | 12.582507 | 3.0969% | 1810 |
| 0.077088 | 12.972176 | 2.9144% | 1809 | 0.074905 | 13.350235 | 2.8225% | 1808 |
| 0.072849 | 13.727040 | 2.9199% | 1807 | 0.070782 | 14.127860 | 2.9918% | 1806 |
| 0.068726 | 14.550535 | 3.0841% | 1805 | 0.066670 | 14.999281 | 3.1822% | 1804 |
| 0.064614 | 15.476587 | 3.2868% | 1803 | 0.062558 | 15.985269 | 3.3985% | 1802 |
| 0.060501 | 16.528526 | 3.5180% | 1801 | 0.058445 | 17.110007 | 3.3999% | 1800 |
| 0.056524 | 17.691738 | 2.8419% | 1799 | 0.054962 | 18.194514 | 2.7485% | 1798 |
| 0.053491 | 18.694583 | 2.8261% | 1797 | 0.052021 | 19.222916 | 3.7832% | 1796 |
| 0.050125 | 19.950159 | 2.1272% | 1795 | 0.049081 | 20.374539 | 3.0879% | 1794 |
| 0.047611 | 21.003692 | 3.1625% | 1793 | 0.046151 | 21.667936 | 3.2904% | 1792 |

0.044681 22.380901 3.4024% 1791 0.043211 23.142382 3.2296% 1790
0.041859 23.889780 41.3145% 1780 0.029621 33.759711 29.4353% 1770
0.022885 43.696988 83.4728% 1750 0.012473 80.172105 29.2845% 1740
0.009648 103.650066 94.2514% 1720 0.004967 201.341699 85.8111%
1700 0.002673 374.115185 19.2490% 1690 0.002242 446.128802
88.0250% 1670 0.001192 838.833780

BASE YEAR: 1910

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 3.269647 0.305843 8.2857% 2001 3.019465 0.331185 1.0000%
2000 2.989569 0.334496 1.0000% 1999 2.959969 0.337841 1.0000% 1998
2.930662 0.341220 1.0000% 1997 2.901646 0.344632 1.0000% 1996
2.872917 0.348078 1.0000% 1995 2.844472 0.351559 0.9992% 1994
2.816331 0.355072 1.0008% 1993 2.788425 0.358625 1.0000% 1992
2.760817 0.362212 0.9295% 1991 2.735391 0.365578 1.2505% 1990
2.701607 0.370150 0.7224% 1989 2.682229 0.372824 1.1077% 1988
2.652845 0.376954 0.8834% 1987 2.629615 0.380284 0.5594% 1986
2.614988 0.382411 1.3056% 1985 2.581286 0.387404 0.7673% 1984
2.561631 0.390376 0.8149% 1983 2.540924 0.393558 0.9737% 1982
2.516420 0.397390 0.9508% 1981 2.492720 0.401168 0.9031% 1980
2.470410 0.404791 2.2701% 1979 2.415575 0.413980 1.0042% 1978
2.391559 0.418137 0.9896% 1977 2.368124 0.422275 0.9103% 1976
2.346761 0.426119 0.8394% 1975 2.327225 0.429696 0.9042% 1974
2.306372 0.433581 1.1568% 1973 2.279997 0.438597 0.9427% 1972
2.258704 0.442732 0.7426% 1971 2.242054 0.446020 1.4697% 1970
2.209579 0.452575 0.6968% 1969 2.194288 0.455729 0.8565% 1968
2.175653 0.459632 1.5090% 1967 2.143310 0.466568 0.9949% 1966
2.122196 0.471210 1.0575% 1965 2.099989 0.476193 1.1300% 1964
2.076524 0.481574 1.5537% 1963 2.044756 0.489056 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.015216 | 0.496225 | 1.5364% | 1961 | 1.984722 | 0.503849 | 2.1586% | 1960 |
| 1.942785 | 0.514725 | -1.6655% | 1959 | 1.975689 | 0.506152 | 4.3080% | 1958 |
| 1.894092 | 0.527957 | 2.1130% | 1957 | 1.854899 | 0.539113 | 1.9895% | 1956 |
| 1.818716 | 0.549839 | 2.1231% | 1955 | 1.780905 | 0.561512 | 1.4496% | 1954 |
| 1.755458 | 0.569652 | 2.1573% | 1953 | 1.718388 | 0.581941 | 1.2298% | 1952 |
| 1.697513 | 0.589097 | 1.6814% | 1951 | 1.669443 | 0.599002 | 1.6233% | 1950 |
| 1.642776 | 0.608726 | 1.4265% | 1949 | 1.619671 | 0.617409 | 1.7790% | 1948 |
| 1.591360 | 0.628393 | 1.8242% | 1947 | 1.562851 | 0.639856 | -2.6320% | 1946 |
| 1.605098 | 0.623015 | 3.1768% | 1945 | 1.555677 | 0.642807 | 6.4754% | 1944 |
| 1.461067 | 0.684431 | -0.3437% | 1943 | 1.466106 | 0.682079 | 0.6562% | 1942 |
| 1.456548 | 0.686555 | 0.6633% | 1941 | 1.446950 | 0.691109 | -5.6614% | 1940 |
| 1.533784 | 0.651982 | 8.0381% | 1939 | 1.419669 | 0.704389 | 0.8126% | 1938 |
| 1.408226 | 0.710113 | 0.7762% | 1937 | 1.397379 | 0.715626 | 0.6029% | 1936 |
| 1.389005 | 0.719940 | 0.5244% | 1935 | 1.381759 | 0.723715 | -3.0364% | 1934 |
| 1.425028 | 0.701741 | 4.6271% | 1933 | 1.362006 | 0.734211 | 1.3921% | 1932 |
| 1.343306 | 0.744432 | -0.2051% | 1931 | 1.346066 | 0.742905 | 0.8886% | 1930 |
| 1.334211 | 0.749507 | 1.0126% | 1929 | 1.320836 | 0.757096 | 1.1526% | 1928 |
| 1.305786 | 0.765822 | 1.2160% | 1927 | 1.290098 | 0.775135 | 1.4086% | 1926 |
| 1.272178 | 0.786053 | 1.7667% | 1925 | 1.250093 | 0.799940 | 1.4465% | 1924 |
| 1.232268 | 0.811512 | 1.7700% | 1923 | 1.210837 | 0.825875 | 1.6165% | 1922 |
| 1.191575 | 0.839226 | 1.3736% | 1921 | 1.175429 | 0.850754 | 2.3393% | 1920 |
| 1.148560 | 0.870655 | 1.3140% | 1919 | 1.133664 | 0.882096 | 0.7676% | 1918 |
| 1.125028 | 0.888867 | 0.3870% | 1917 | 1.120691 | 0.892307 | 1.3274% | 1916 |
| 1.106009 | 0.904152 | 1.4083% | 1915 | 1.090650 | 0.916885 | 1.4458% | 1914 |
| 1.075106 | 0.930141 | 1.9424% | 1913 | 1.054621 | 0.948208 | 1.9857% | 1912 |
| 1.034087 | 0.967036 | 1.5634% | 1911 | 1.018169 | 0.982155 | 1.8169% | 1910 |
| 1.000000 | 1.000000 | 1.8781% | 1909 | 0.981566 | 1.018781 | 2.0082% | 1908 |
| 0.962241 | 1.039240 | 1.9603% | 1907 | 0.943742 | 1.059612 | 1.8264% | 1906 |
| 0.926815 | 1.078964 | 1.9357% | 1905 | 0.909215 | 1.099849 | 2.0148% | 1904 |
| 0.891258 | 1.122010 | 2.1335% | 1903 | 0.872640 | 1.145948 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.857083 | 1.166749 | 1.8943% | 1901 | 0.841148 | 1.188851 | 3.0255% | 1900 |
| 0.816447 | 1.224820 | 0.6278% | 1899 | 0.811353 | 1.232509 | 1.7757% | 1898 |
| 0.797197 | 1.254395 | 1.8078% | 1897 | 0.783042 | 1.277071 | 1.8396% | 1896 |
| 0.768897 | 1.300564 | 1.8755% | 1895 | 0.754742 | 1.324957 | 1.9114% | 1894 |
| 0.740586 | 1.350282 | 1.9486% | 1893 | 0.726431 | 1.376594 | 1.9858% | 1892 |
| 0.712286 | 1.403930 | 2.0276% | 1891 | 0.698131 | 1.432397 | 2.6465% | 1890 |
| 0.680131 | 1.470305 | 1.5328% | 1889 | 0.669863 | 1.492842 | 2.0811% | 1888 |
| 0.656207 | 1.523910 | 2.1599% | 1887 | 0.642333 | 1.556824 | 2.2075% | 1886 |
| 0.628460 | 1.591192 | 2.2592% | 1885 | 0.614575 | 1.627140 | 2.3095% | 1884 |
| 0.600702 | 1.664719 | 2.3641% | 1883 | 0.586829 | 1.704075 | 2.4214% | 1882 |
| 0.572955 | 1.745338 | 2.4815% | 1881 | 0.559082 | 1.788648 | 3.7644% | 1880 |
| 0.538799 | 1.855979 | 0.9432% | 1879 | 0.533764 | 1.873486 | 2.1464% | 1878 |
| 0.522549 | 1.913698 | 2.1913% | 1877 | 0.511343 | 1.955633 | 2.2426% | 1876 |
| 0.500128 | 1.999490 | 2.2941% | 1875 | 0.488912 | 2.045359 | 2.3456% | 1874 |
| 0.477707 | 2.093335 | 2.4043% | 1873 | 0.466491 | 2.143665 | 2.4635% | 1872 |
| 0.455275 | 2.196476 | 2.5258% | 1871 | 0.444059 | 2.251954 | 5.9947% | 1870 |
| 0.418945 | 2.386951 | -1.0968% | 1869 | 0.423590 | 2.360771 | 2.1930% | 1868 |
| 0.414501 | 2.412542 | 2.2394% | 1867 | 0.405421 | 2.466569 | 2.2935% | 1866 |
| 0.396332 | 2.523140 | 2.3445% | 1865 | 0.387253 | 2.582294 | 2.4037% | 1864 |
| 0.378163 | 2.644364 | 2.4599% | 1863 | 0.369084 | 2.709413 | 2.5250% | 1862 |
| 0.359994 | 2.777826 | 2.5872% | 1861 | 0.350915 | 2.849695 | 2.9504% | 1860 |
| 0.340858 | 2.933772 | 2.4012% | 1859 | 0.332865 | 3.004219 | 2.7627% | 1858 |
| 0.323916 | 3.087217 | 2.8412% | 1857 | 0.314967 | 3.174931 | 2.9243% | 1856 |
| 0.306019 | 3.267775 | 3.0161% | 1855 | 0.297059 | 3.366336 | 3.1061% | 1854 |
| 0.288110 | 3.470896 | 3.2056% | 1853 | 0.279161 | 3.582160 | 3.3118% | 1852 |
| 0.270212 | 3.700794 | 3.4252% | 1851 | 0.261263 | 3.827554 | 4.0106% | 1850 |
| 0.251189 | 3.981063 | 2.3254% | 1849 | 0.245481 | 4.073637 | 2.7841% | 1848 |
| 0.238832 | 4.187050 | 2.8590% | 1847 | 0.232193 | 4.306759 | 2.9432% | 1846 |
| 0.225555 | 4.433513 | 3.0324% | 1845 | 0.218916 | 4.567955 | 3.1325% | 1844 |
| 0.212267 | 4.711047 | 3.2284% | 1843 | 0.205629 | 4.863136 | 3.3361% | 1842 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.198990 | 5.025373 | 3.4512% | 1841 | 0.192352 | 5.198809 | 3.8105% | 1840 |
| 0.185291 | 5.396909 | 2.3861% | 1839 | 0.180973 | 5.525682 | 2.5824% | 1838 |
| 0.176417 | 5.668377 | 2.6573% | 1837 | 0.171851 | 5.819004 | 2.7232% | 1836 |
| 0.167295 | 5.977467 | 2.7994% | 1835 | 0.162739 | 6.144803 | 2.8871% | 1834 |
| 0.158173 | 6.322211 | 2.9657% | 1833 | 0.153617 | 6.509707 | 3.0563% | 1832 |
| 0.149061 | 6.708665 | 3.1604% | 1831 | 0.144494 | 6.920687 | 3.4660% | 1830 |
| 0.139654 | 7.160556 | 2.4653% | 1829 | 0.136294 | 7.337085 | 2.6804% | 1828 |
| 0.132736 | 7.533748 | 10.3427% | 1827 | 0.120294 | 8.312937 | -4.2314% | 1826 |
| 0.125610 | 7.961181 | 2.9150% | 1825 | 0.122052 | 8.193252 | 3.0026% | 1824 |
| 0.118494 | 8.439260 | 3.0955% | 1823 | 0.114936 | 8.700498 | 3.1944% | 1822 |
| 0.111378 | 8.978426 | 3.3102% | 1821 | 0.107809 | 9.275629 | 3.2277% | 1820 |
| 0.104438 | 9.575022 | 2.6573% | 1819 | 0.101735 | 9.829457 | 2.6261% | 1818 |
| 0.099132 | 10.087589 | 2.6969% | 1817 | 0.096528 | 10.359644 | 2.7717% | 1816 |
| 0.093925 | 10.646781 | 2.8507% | 1815 | 0.091322 | 10.950288 | 2.9343% | 1814 |
| 0.088718 | 11.271607 | 3.0231% | 1813 | 0.086115 | 11.612354 | 3.1039% | 1812 |
| 0.083523 | 11.972789 | 3.2172% | 1811 | 0.080919 | 12.357973 | 3.0969% | 1810 |
| 0.078489 | 12.740689 | 2.9144% | 1809 | 0.076266 | 13.112001 | 2.8225% | 1808 |
| 0.074173 | 13.482082 | 2.9199% | 1807 | 0.072068 | 13.875749 | 2.9918% | 1806 |
| 0.069975 | 14.290881 | 3.0841% | 1805 | 0.067881 | 14.731620 | 3.1822% | 1804 |
| 0.065788 | 15.200408 | 3.2868% | 1803 | 0.063694 | 15.700013 | 3.3985% | 1802 |
| 0.061601 | 16.233576 | 3.5180% | 1801 | 0.059507 | 16.804680 | 3.3999% | 1800 |
| 0.057551 | 17.376031 | 2.8419% | 1799 | 0.055960 | 17.869834 | 2.7485% | 1798 |
| 0.054463 | 18.360979 | 2.8261% | 1797 | 0.052966 | 18.879884 | 3.7832% | 1796 |
| 0.051036 | 19.594150 | 2.1272% | 1795 | 0.049973 | 20.010956 | 3.0879% | 1794 |
| 0.048476 | 20.628883 | 3.1625% | 1793 | 0.046990 | 21.281273 | 3.2904% | 1792 |
| 0.045493 | 21.981515 | 3.4024% | 1791 | 0.043996 | 22.729407 | 3.2296% | 1790 |
| 0.042619 | 23.463468 | 41.3145% | 1780 | 0.030159 | 33.157271 | 29.4353% | 1770 |
| 0.023301 | 42.917218 | 83.4728% | 1750 | 0.012700 | 78.741438 | 29.2845% | 1740 |
| 0.009823 | 101.800437 | 94.2514% | 1720 | 0.005057 | 197.748769 | 85.8111% | |

1700 0.002722 367.439123 19.2490% 1690 0.002282 438.167662
 88.0250% 1670 0.001214 823.864844

BASE YEAR: 1909

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 3.331053 | 0.300205 | 8.2857% | 2001 | 3.076172 | 0.325079 | 1.0000% |
| 2000 | 3.045715 | 0.328330 | 1.0000% | 1999 | 3.015559 | 0.331613 | 1.0000% |
| 1998 | 2.985702 | 0.334930 | 1.0000% | 1997 | 2.956141 | 0.338279 | 1.0000% |
| 1996 | 2.926872 | 0.341662 | 1.0000% | 1995 | 2.897893 | 0.345078 | 0.9992% |
| 1994 | 2.869223 | 0.348526 | 1.0008% | 1993 | 2.840793 | 0.352014 | 1.0000% |
| 1992 | 2.812666 | 0.355535 | 0.9295% | 1991 | 2.786763 | 0.358839 | 1.2505% |
| 1990 | 2.752345 | 0.363327 | 0.7224% | 1989 | 2.732603 | 0.365951 | 1.1077% |
| 1988 | 2.702667 | 0.370005 | 0.8834% | 1987 | 2.679001 | 0.373273 | 0.5594% |
| 1986 | 2.664099 | 0.375361 | 1.3056% | 1985 | 2.629764 | 0.380262 | 0.7673% |
| 1984 | 2.609740 | 0.383180 | 0.8149% | 1983 | 2.588644 | 0.386303 | 0.9737% |
| 1982 | 2.563680 | 0.390064 | 0.9508% | 1981 | 2.539534 | 0.393773 | 0.9031% |
| 1980 | 2.516806 | 0.397329 | 2.2701% | 1979 | 2.460941 | 0.406349 | 1.0042% |
| 1978 | 2.436474 | 0.410429 | 0.9896% | 1977 | 2.412599 | 0.414491 | 0.9103% |
| 1976 | 2.390834 | 0.418264 | 0.8394% | 1975 | 2.370932 | 0.421775 | 0.9042% |
| 1974 | 2.349687 | 0.425589 | 1.1568% | 1973 | 2.322817 | 0.430512 | 0.9427% |
| 1972 | 2.301124 | 0.434570 | 0.7426% | 1971 | 2.284161 | 0.437798 | 1.4697% |
| 1970 | 2.251076 | 0.444232 | 0.6968% | 1969 | 2.235499 | 0.447328 | 0.8565% |
| 1968 | 2.216513 | 0.451159 | 1.5090% | 1967 | 2.183562 | 0.457967 | 0.9949% |
| 1966 | 2.162052 | 0.462524 | 1.0575% | 1965 | 2.139428 | 0.467415 | 1.1300% |
| 1964 | 2.115523 | 0.472696 | 1.5537% | 1963 | 2.083157 | 0.480041 | 1.4658% |
| 1962 | 2.053063 | 0.487077 | 1.5364% | 1961 | 2.021997 | 0.494561 | 2.1586% |
| 1960 | 1.979271 | 0.505236 | -1.6655% | 1959 | 2.012794 | 0.496822 | 4.3080% |
| 1958 | 1.929664 | 0.518225 | 2.1130% | 1957 | 1.889735 | 0.529175 | 1.9895% |
| 1956 | 1.852872 | 0.539703 | 2.1231% | 1955 | 1.814352 | 0.551161 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.788426 | 0.559151 | 2.1573% | 1953 | 1.750660 | 0.571213 | 1.2298% | 1952 |
| 1.729393 | 0.578238 | 1.6814% | 1951 | 1.700796 | 0.587960 | 1.6233% | 1950 |
| 1.673629 | 0.597504 | 1.4265% | 1949 | 1.650090 | 0.606028 | 1.7790% | 1948 |
| 1.621247 | 0.616809 | 1.8242% | 1947 | 1.592203 | 0.628061 | -2.6320% | 1946 |
| 1.635243 | 0.611530 | 3.1768% | 1945 | 1.584894 | 0.630957 | 6.4754% | 1944 |
| 1.488507 | 0.671814 | -0.3437% | 1943 | 1.493640 | 0.669505 | 0.6562% | 1942 |
| 1.483902 | 0.673899 | 0.6633% | 1941 | 1.474124 | 0.678369 | -5.6614% | 1940 |
| 1.562589 | 0.639963 | 8.0381% | 1939 | 1.446332 | 0.691404 | 0.8126% | 1938 |
| 1.434673 | 0.697023 | 0.7762% | 1937 | 1.423622 | 0.702434 | 0.6029% | 1936 |
| 1.415091 | 0.706668 | 0.5244% | 1935 | 1.407709 | 0.710374 | -3.0364% | 1934 |
| 1.451791 | 0.688804 | 4.6271% | 1933 | 1.387586 | 0.720676 | 1.3921% | 1932 |
| 1.368534 | 0.730709 | -0.2051% | 1931 | 1.371346 | 0.729210 | 0.8886% | 1930 |
| 1.359268 | 0.735690 | 1.0126% | 1929 | 1.345642 | 0.743140 | 1.1526% | 1928 |
| 1.330309 | 0.751705 | 1.2160% | 1927 | 1.314327 | 0.760846 | 1.4086% | 1926 |
| 1.296071 | 0.771563 | 1.7667% | 1925 | 1.273571 | 0.785194 | 1.4465% | 1924 |
| 1.255411 | 0.796552 | 1.7700% | 1923 | 1.233577 | 0.810651 | 1.6165% | 1922 |
| 1.213953 | 0.823755 | 1.3736% | 1921 | 1.197504 | 0.835070 | 2.3393% | 1920 |
| 1.170131 | 0.854605 | 1.3140% | 1919 | 1.154955 | 0.865835 | 0.7676% | 1918 |
| 1.146156 | 0.872481 | 0.3870% | 1917 | 1.141738 | 0.875858 | 1.3274% | 1916 |
| 1.126781 | 0.887484 | 1.4083% | 1915 | 1.111133 | 0.899983 | 1.4458% | 1914 |
| 1.095297 | 0.912995 | 1.9424% | 1913 | 1.074427 | 0.930728 | 1.9857% | 1912 |
| 1.053508 | 0.949210 | 1.5634% | 1911 | 1.037291 | 0.964050 | 1.8169% | 1910 |
| 1.018781 | 0.981566 | 1.8781% | 1909 | 1.000000 | 1.000000 | 2.0082% | 1908 |
| 0.980313 | 1.020082 | 1.9603% | 1907 | 0.961466 | 1.040079 | 1.8264% | 1906 |
| 0.944221 | 1.059074 | 1.9357% | 1905 | 0.926291 | 1.079574 | 2.0148% | 1904 |
| 0.907996 | 1.101326 | 2.1335% | 1903 | 0.889029 | 1.124823 | 1.8151% | 1902 |
| 0.873179 | 1.145240 | 1.8943% | 1901 | 0.856946 | 1.166935 | 3.0255% | 1900 |
| 0.831780 | 1.202241 | 0.6278% | 1899 | 0.826590 | 1.209789 | 1.7757% | 1898 |
| 0.812169 | 1.231271 | 1.8078% | 1897 | 0.797748 | 1.253529 | 1.8396% | 1896 |
| 0.783338 | 1.276589 | 1.8755% | 1895 | 0.768916 | 1.300532 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.754495 | 1.325390 | 1.9486% | 1893 | 0.740074 | 1.351217 | 1.9858% | 1892 |
| 0.725663 | 1.378050 | 2.0276% | 1891 | 0.711242 | 1.405991 | 2.6465% | 1890 |
| 0.692904 | 1.443201 | 1.5328% | 1889 | 0.682444 | 1.465323 | 2.0811% | 1888 |
| 0.668531 | 1.495818 | 2.1599% | 1887 | 0.654397 | 1.528125 | 2.2075% | 1886 |
| 0.640263 | 1.561859 | 2.2592% | 1885 | 0.626118 | 1.597144 | 2.3095% | 1884 |
| 0.611984 | 1.634031 | 2.3641% | 1883 | 0.597850 | 1.672662 | 2.4214% | 1882 |
| 0.583716 | 1.713163 | 2.4815% | 1881 | 0.569582 | 1.755675 | 3.7644% | 1880 |
| 0.548918 | 1.821766 | 0.9432% | 1879 | 0.543789 | 1.838949 | 2.1464% | 1878 |
| 0.532362 | 1.878420 | 2.1913% | 1877 | 0.520947 | 1.919582 | 2.2426% | 1876 |
| 0.509520 | 1.962630 | 2.2941% | 1875 | 0.498094 | 2.007654 | 2.3456% | 1874 |
| 0.486678 | 2.054746 | 2.4043% | 1873 | 0.475252 | 2.104148 | 2.4635% | 1872 |
| 0.463825 | 2.155985 | 2.5258% | 1871 | 0.452399 | 2.210440 | 5.9947% | 1870 |
| 0.426813 | 2.342949 | -1.0968% | 1869 | 0.431546 | 2.317252 | 2.1930% | 1868 |
| 0.422285 | 2.368068 | 2.2394% | 1867 | 0.413036 | 2.421099 | 2.2935% | 1866 |
| 0.403775 | 2.476627 | 2.3445% | 1865 | 0.394525 | 2.534691 | 2.4037% | 1864 |
| 0.385265 | 2.595617 | 2.4599% | 1863 | 0.376015 | 2.659466 | 2.5250% | 1862 |
| 0.366755 | 2.726618 | 2.5872% | 1861 | 0.357505 | 2.797162 | 2.9504% | 1860 |
| 0.347260 | 2.879690 | 2.4012% | 1859 | 0.339117 | 2.948838 | 2.7627% | 1858 |
| 0.330000 | 3.030306 | 2.8412% | 1857 | 0.320883 | 3.116403 | 2.9243% | 1856 |
| 0.311766 | 3.207536 | 3.0161% | 1855 | 0.302638 | 3.304280 | 3.1061% | 1854 |
| 0.293521 | 3.406912 | 3.2056% | 1853 | 0.284404 | 3.516125 | 3.3118% | 1852 |
| 0.275287 | 3.632572 | 3.4252% | 1851 | 0.266170 | 3.756996 | 4.0106% | 1850 |
| 0.255907 | 3.907674 | 2.3254% | 1849 | 0.250091 | 3.998542 | 2.7841% | 1848 |
| 0.243317 | 4.109865 | 2.8590% | 1847 | 0.236554 | 4.227366 | 2.9432% | 1846 |
| 0.229791 | 4.351784 | 3.0324% | 1845 | 0.223028 | 4.483748 | 3.1325% | 1844 |
| 0.216254 | 4.624202 | 3.2284% | 1843 | 0.209490 | 4.773487 | 3.3361% | 1842 |
| 0.202727 | 4.932734 | 3.4512% | 1841 | 0.195964 | 5.102972 | 3.8105% | 1840 |
| 0.188771 | 5.297420 | 2.3861% | 1839 | 0.184372 | 5.423819 | 2.5824% | 1838 |
| 0.179731 | 5.563883 | 2.6573% | 1837 | 0.175078 | 5.711734 | 2.7232% | 1836 |
| 0.170437 | 5.867276 | 2.7994% | 1835 | 0.165795 | 6.031527 | 2.8871% | 1834 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.161143 | 6.205665 | 2.9657% | 1833 | 0.156502 | 6.389705 | 3.0563% | 1832 |
| 0.151860 | 6.584995 | 3.1604% | 1831 | 0.147208 | 6.793109 | 3.4660% | 1830 |
| 0.142277 | 7.028555 | 2.4653% | 1829 | 0.138854 | 7.201830 | 2.6804% | 1828 |
| 0.135229 | 7.394868 | 10.3427% | 1827 | 0.122554 | 8.159693 | -4.2314% | 1826 |
| 0.127969 | 7.814421 | 2.9150% | 1825 | 0.124344 | 8.042215 | 3.0026% | 1824 |
| 0.120719 | 8.283687 | 3.0955% | 1823 | 0.117095 | 8.540109 | 3.1944% | 1822 |
| 0.113470 | 8.812914 | 3.3102% | 1821 | 0.109834 | 9.104638 | 3.2277% | 1820 |
| 0.106400 | 9.398512 | 2.6573% | 1819 | 0.103646 | 9.648257 | 2.6261% | 1818 |
| 0.100993 | 9.901630 | 2.6969% | 1817 | 0.098341 | 10.168671 | 2.7717% | 1816 |
| 0.095689 | 10.450514 | 2.8507% | 1815 | 0.093037 | 10.748426 | 2.9343% | 1814 |
| 0.090385 | 11.063822 | 3.0231% | 1813 | 0.087732 | 11.398287 | 3.1039% | 1812 |
| 0.085091 | 11.752078 | 3.2172% | 1811 | 0.082439 | 12.130161 | 3.0969% | 1810 |
| 0.079963 | 12.505822 | 2.9144% | 1809 | 0.077698 | 12.870289 | 2.8225% | 1808 |
| 0.075566 | 13.233548 | 2.9199% | 1807 | 0.073422 | 13.619958 | 2.9918% | 1806 |
| 0.071289 | 14.027438 | 3.0841% | 1805 | 0.069156 | 14.460051 | 3.1822% | 1804 |
| 0.067023 | 14.920198 | 3.2868% | 1803 | 0.064890 | 15.410593 | 3.3985% | 1802 |
| 0.062758 | 15.934319 | 3.5180% | 1801 | 0.060625 | 16.494896 | 3.3999% | 1800 |
| 0.058631 | 17.055714 | 2.8419% | 1799 | 0.057011 | 17.540415 | 2.7485% | 1798 |
| 0.055486 | 18.022505 | 2.8261% | 1797 | 0.053961 | 18.531845 | 3.7832% | 1796 |
| 0.051994 | 19.232944 | 2.1272% | 1795 | 0.050911 | 19.642066 | 3.0879% | 1794 |
| 0.049386 | 20.248601 | 3.1625% | 1793 | 0.047872 | 20.888966 | 3.2904% | 1792 |
| 0.046347 | 21.576299 | 3.4024% | 1791 | 0.044822 | 22.310404 | 3.2296% | 1790 |
| 0.043420 | 23.030933 | 41.3145% | 1780 | 0.030726 | 32.546037 | 29.4353% | 1770 |
| 0.023738 | 42.126065 | 83.4728% | 1750 | 0.012938 | 77.289887 | 29.2845% | 1740 |
| 0.010008 | 99.923807 | 94.2514% | 1720 | 0.005152 | 194.103389 | 85.8111% | 1700 |
| 0.002773 | 360.665604 | 19.2490% | 1690 | 0.002325 | 430.090304 | 88.0250% | |
| 1670 | 0.001237 | 808.677391 | | | | | |

BASE YEAR: 1908

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 3.397949 | 0.294295 | 8.2857% | 2001 | 3.137949 | 0.318679 | 1.0000% |
| 2000 | 3.106880 | 0.321866 | 1.0000% | 1999 | 3.076119 | 0.325085 | 1.0000% |
| 1998 | 3.045662 | 0.328336 | 1.0000% | 1997 | 3.015507 | 0.331619 | 1.0000% |
| 1996 | 2.985651 | 0.334935 | 1.0000% | 1995 | 2.956090 | 0.338285 | 0.9992% |
| 1994 | 2.926844 | 0.341665 | 1.0008% | 1993 | 2.897843 | 0.345084 | 1.0000% |
| 1992 | 2.869152 | 0.348535 | 0.9295% | 1991 | 2.842728 | 0.351775 | 1.2505% |
| 1990 | 2.807619 | 0.356174 | 0.7224% | 1989 | 2.787480 | 0.358747 | 1.1077% |
| 1988 | 2.756943 | 0.362721 | 0.8834% | 1987 | 2.732802 | 0.365925 | 0.5594% |
| 1986 | 2.717601 | 0.367972 | 1.3056% | 1985 | 2.682576 | 0.372776 | 0.7673% |
| 1984 | 2.662150 | 0.375636 | 0.8149% | 1983 | 2.640630 | 0.378697 | 0.9737% |
| 1982 | 2.615165 | 0.382385 | 0.9508% | 1981 | 2.590534 | 0.386021 | 0.9031% |
| 1980 | 2.567349 | 0.389507 | 2.2701% | 1979 | 2.510362 | 0.398349 | 1.0042% |
| 1978 | 2.485405 | 0.402349 | 0.9896% | 1977 | 2.461050 | 0.406331 | 0.9103% |
| 1976 | 2.438848 | 0.410030 | 0.8394% | 1975 | 2.418546 | 0.413472 | 0.9042% |
| 1974 | 2.396874 | 0.417210 | 1.1568% | 1973 | 2.369464 | 0.422036 | 0.9427% |
| 1972 | 2.347336 | 0.426015 | 0.7426% | 1971 | 2.330032 | 0.429179 | 1.4697% |
| 1970 | 2.296283 | 0.435486 | 0.6968% | 1969 | 2.280393 | 0.438521 | 0.8565% |
| 1968 | 2.261026 | 0.442277 | 1.5090% | 1967 | 2.227414 | 0.448951 | 0.9949% |
| 1966 | 2.205471 | 0.453418 | 1.0575% | 1965 | 2.182393 | 0.458213 | 1.1300% |
| 1964 | 2.158007 | 0.463390 | 1.5537% | 1963 | 2.124992 | 0.470590 | 1.4658% |
| 1962 | 2.094294 | 0.477488 | 1.5364% | 1961 | 2.062603 | 0.484824 | 2.1586% |
| 1960 | 2.019020 | 0.495290 | -1.6655% | 1959 | 2.053216 | 0.487041 | 4.3080% |
| 1958 | 1.968417 | 0.508023 | 2.1130% | 1957 | 1.927685 | 0.518757 | 1.9895% |
| 1956 | 1.890082 | 0.529078 | 2.1231% | 1955 | 1.850788 | 0.540310 | 1.4496% |
| 1954 | 1.824342 | 0.548143 | 2.1573% | 1953 | 1.785818 | 0.559968 | 1.2298% |
| 1952 | 1.764123 | 0.566854 | 1.6814% | 1951 | 1.734952 | 0.576385 | 1.6233% |
| 1950 | 1.707239 | 0.585741 | 1.4265% | 1949 | 1.683227 | 0.594097 | 1.7790% |
| 1948 | 1.653805 | 0.604666 | 1.8242% | 1947 | 1.624178 | 0.615696 | -2.6320% |
| 1946 | 1.668082 | 0.599491 | 3.1768% | 1945 | 1.616722 | 0.618535 | 6.4754% |
| 1944 | 1.518400 | 0.658588 | -0.3437% | 1943 | 1.523636 | 0.656325 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.513703 | 0.660632 | 0.6633% | 1941 | 1.503728 | 0.665014 | -5.6614% | 1940 |
| 1.593970 | 0.627364 | 8.0381% | 1939 | 1.475377 | 0.677793 | 0.8126% | 1938 |
| 1.463485 | 0.683301 | 0.7762% | 1937 | 1.452212 | 0.688605 | 0.6029% | 1936 |
| 1.443509 | 0.692756 | 0.5244% | 1935 | 1.435979 | 0.696389 | -3.0364% | 1934 |
| 1.480946 | 0.675244 | 4.6271% | 1933 | 1.415452 | 0.706488 | 1.3921% | 1932 |
| 1.396017 | 0.716323 | -0.2051% | 1931 | 1.398886 | 0.714854 | 0.8886% | 1930 |
| 1.386565 | 0.721207 | 1.0126% | 1929 | 1.372666 | 0.728509 | 1.1526% | 1928 |
| 1.357025 | 0.736906 | 1.2160% | 1927 | 1.340722 | 0.745867 | 1.4086% | 1926 |
| 1.322099 | 0.756373 | 1.7667% | 1925 | 1.299147 | 0.769736 | 1.4465% | 1924 |
| 1.280623 | 0.780870 | 1.7700% | 1923 | 1.258350 | 0.794691 | 1.6165% | 1922 |
| 1.238332 | 0.807538 | 1.3736% | 1921 | 1.221553 | 0.818630 | 2.3393% | 1920 |
| 1.193630 | 0.837781 | 1.3140% | 1919 | 1.178149 | 0.848789 | 0.7676% | 1918 |
| 1.169174 | 0.855305 | 0.3870% | 1917 | 1.164667 | 0.858615 | 1.3274% | 1916 |
| 1.149409 | 0.870012 | 1.4083% | 1915 | 1.133447 | 0.882265 | 1.4458% | 1914 |
| 1.117293 | 0.895020 | 1.9424% | 1913 | 1.096004 | 0.912405 | 1.9857% | 1912 |
| 1.074665 | 0.930522 | 1.5634% | 1911 | 1.058122 | 0.945070 | 1.8169% | 1910 |
| 1.039240 | 0.962241 | 1.8781% | 1909 | 1.020082 | 0.980313 | 2.0082% | 1908 |
| 1.000000 | 1.000000 | 1.9603% | 1907 | 0.980774 | 1.019603 | 1.8264% | 1906 |
| 0.963183 | 1.038224 | 1.9357% | 1905 | 0.944893 | 1.058321 | 2.0148% | 1904 |
| 0.926231 | 1.079644 | 2.1335% | 1903 | 0.906883 | 1.102679 | 1.8151% | 1902 |
| 0.890715 | 1.122694 | 1.8943% | 1901 | 0.874155 | 1.143962 | 3.0255% | 1900 |
| 0.848484 | 1.178572 | 0.6278% | 1899 | 0.843190 | 1.185972 | 1.7757% | 1898 |
| 0.828479 | 1.207031 | 1.8078% | 1897 | 0.813769 | 1.228851 | 1.8396% | 1896 |
| 0.799069 | 1.251457 | 1.8755% | 1895 | 0.784358 | 1.274928 | 1.9114% | 1894 |
| 0.769647 | 1.299297 | 1.9486% | 1893 | 0.754936 | 1.324615 | 1.9858% | 1892 |
| 0.740236 | 1.350920 | 2.0276% | 1891 | 0.725525 | 1.378311 | 2.6465% | 1890 |
| 0.706819 | 1.414789 | 1.5328% | 1889 | 0.696149 | 1.436475 | 2.0811% | 1888 |
| 0.681956 | 1.466370 | 2.1599% | 1887 | 0.667538 | 1.498041 | 2.2075% | 1886 |
| 0.653121 | 1.531111 | 2.2592% | 1885 | 0.638691 | 1.565701 | 2.3095% | 1884 |
| 0.624274 | 1.601862 | 2.3641% | 1883 | 0.609856 | 1.639732 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.595438 | 1.679436 | 2.4815% | 1881 | 0.581020 | 1.721111 | 3.7644% | 1880 |
| 0.559942 | 1.785900 | 0.9432% | 1879 | 0.554709 | 1.802745 | 2.1464% | 1878 |
| 0.543053 | 1.841439 | 2.1913% | 1877 | 0.531409 | 1.881791 | 2.2426% | 1876 |
| 0.519753 | 1.923992 | 2.2941% | 1875 | 0.508097 | 1.968129 | 2.3456% | 1874 |
| 0.496452 | 2.014294 | 2.4043% | 1873 | 0.484796 | 2.062724 | 2.4635% | 1872 |
| 0.473140 | 2.113540 | 2.5258% | 1871 | 0.461484 | 2.166923 | 5.9947% | 1870 |
| 0.435384 | 2.296823 | -1.0968% | 1869 | 0.440212 | 2.271632 | 2.1930% | 1868 |
| 0.430766 | 2.321448 | 2.2394% | 1867 | 0.421330 | 2.373435 | 2.2935% | 1866 |
| 0.411884 | 2.427870 | 2.3445% | 1865 | 0.402448 | 2.484790 | 2.4037% | 1864 |
| 0.393002 | 2.544517 | 2.4599% | 1863 | 0.383567 | 2.607109 | 2.5250% | 1862 |
| 0.374120 | 2.672939 | 2.5872% | 1861 | 0.364685 | 2.742095 | 2.9504% | 1860 |
| 0.354233 | 2.822997 | 2.4012% | 1859 | 0.345927 | 2.890784 | 2.7627% | 1858 |
| 0.336627 | 2.970648 | 2.8412% | 1857 | 0.327327 | 3.055050 | 2.9243% | 1856 |
| 0.318027 | 3.144389 | 3.0161% | 1855 | 0.308716 | 3.239228 | 3.1061% | 1854 |
| 0.299416 | 3.339840 | 3.2056% | 1853 | 0.290115 | 3.446903 | 3.3118% | 1852 |
| 0.280815 | 3.561057 | 3.4252% | 1851 | 0.271515 | 3.683032 | 4.0106% | 1850 |
| 0.261046 | 3.830743 | 2.3254% | 1849 | 0.255114 | 3.919822 | 2.7841% | 1848 |
| 0.248203 | 4.028954 | 2.8590% | 1847 | 0.241304 | 4.144142 | 2.9432% | 1846 |
| 0.234406 | 4.266110 | 3.0324% | 1845 | 0.227507 | 4.395476 | 3.1325% | 1844 |
| 0.220596 | 4.533165 | 3.2284% | 1843 | 0.213698 | 4.679512 | 3.3361% | 1842 |
| 0.206799 | 4.835623 | 3.4512% | 1841 | 0.199900 | 5.002509 | 3.8105% | 1840 |
| 0.192562 | 5.193129 | 2.3861% | 1839 | 0.188075 | 5.317040 | 2.5824% | 1838 |
| 0.183340 | 5.454347 | 2.6573% | 1837 | 0.178594 | 5.599287 | 2.7232% | 1836 |
| 0.173860 | 5.751767 | 2.7994% | 1835 | 0.169125 | 5.912784 | 2.8871% | 1834 |
| 0.164379 | 6.083493 | 2.9657% | 1833 | 0.159645 | 6.263910 | 3.0563% | 1832 |
| 0.154910 | 6.455356 | 3.1604% | 1831 | 0.150164 | 6.659372 | 3.4660% | 1830 |
| 0.145134 | 6.890184 | 2.4653% | 1829 | 0.141642 | 7.060048 | 2.6804% | 1828 |
| 0.137945 | 7.249285 | 10.3427% | 1827 | 0.125015 | 7.999053 | -4.2314% | 1826 |
| 0.130538 | 7.660579 | 2.9150% | 1825 | 0.126841 | 7.883887 | 3.0026% | 1824 |
| 0.123144 | 8.120606 | 3.0955% | 1823 | 0.119446 | 8.371980 | 3.1944% | 1822 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.115749 | 8.639414 | 3.3102% | 1821 | 0.112040 | 8.925395 | 3.2277% | 1820 |
| 0.108537 | 9.213483 | 2.6573% | 1819 | 0.105727 | 9.458311 | 2.6261% | 1818 |
| 0.103022 | 9.706697 | 2.6969% | 1817 | 0.100316 | 9.968480 | 2.7717% | 1816 |
| 0.097611 | 10.244774 | 2.8507% | 1815 | 0.094905 | 10.536821 | 2.9343% | 1814 |
| 0.092200 | 10.846008 | 3.0231% | 1813 | 0.089494 | 11.173888 | 3.1039% | 1812 |
| 0.086800 | 11.520714 | 3.2172% | 1811 | 0.084095 | 11.891354 | 3.0969% | 1810 |
| 0.081569 | 12.259619 | 2.9144% | 1809 | 0.079259 | 12.616911 | 2.8225% | 1808 |
| 0.077083 | 12.973018 | 2.9199% | 1807 | 0.074896 | 13.351821 | 2.9918% | 1806 |
| 0.072721 | 13.751279 | 3.0841% | 1805 | 0.070545 | 14.175376 | 3.1822% | 1804 |
| 0.068369 | 14.626463 | 3.2868% | 1803 | 0.066194 | 15.107204 | 3.3985% | 1802 |
| 0.064018 | 15.620620 | 3.5180% | 1801 | 0.061842 | 16.170160 | 3.3999% | 1800 |
| 0.059809 | 16.719937 | 2.8419% | 1799 | 0.058156 | 17.195096 | 2.7485% | 1798 |
| 0.056600 | 17.667696 | 2.8261% | 1797 | 0.055045 | 18.167008 | 3.7832% | 1796 |
| 0.053038 | 18.854304 | 2.1272% | 1795 | 0.051934 | 19.255372 | 3.0879% | 1794 |
| 0.050378 | 19.849966 | 3.1625% | 1793 | 0.048834 | 20.477724 | 3.2904% | 1792 |
| 0.047278 | 21.151526 | 3.4024% | 1791 | 0.045722 | 21.871179 | 3.2296% | 1790 |
| 0.044292 | 22.577522 | 41.3145% | 1780 | 0.031343 | 31.905301 | 29.4353% | 1770 |
| 0.024215 | 41.296727 | 83.4728% | 1750 | 0.013198 | 75.768278 | 29.2845% | 1740 |
| 0.010209 | 97.956603 | 94.2514% | 1720 | 0.005255 | 190.282068 | 85.8111% | 1700 |
| 0.002828 | 353.565165 | 19.2490% | 1690 | 0.002372 | 421.623099 | 88.0250% | 1670 |
| 0.001261 | 792.756926 | | | | | | |

BASE YEAR: 1907

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.464557 | 0.288637 | 8.2857% | 2001 | 3.199461 | 0.312553 | 1.0000% |
| 2000 | 3.167783 | 0.315678 | 1.0000% | 1999 | 3.136419 | 0.318835 | 1.0000% |
| 1998 | 3.105365 | 0.322023 | 1.0000% | 1997 | 3.074619 | 0.325244 | 1.0000% |
| 1996 | 3.044177 | 0.328496 | 1.0000% | 1995 | 3.014037 | 0.331781 | 0.9992% |
| 1994 | 2.984218 | 0.335096 | 1.0008% | 1993 | 2.954648 | 0.338450 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.925394 | 0.341834 | 0.9295% | 1991 | 2.898453 | 0.345012 | 1.2505% | 1990 |
| 2.862655 | 0.349326 | 0.7224% | 1989 | 2.842122 | 0.351850 | 1.1077% | 1988 |
| 2.810986 | 0.355747 | 0.8834% | 1987 | 2.786372 | 0.358890 | 0.5594% | 1986 |
| 2.770873 | 0.360897 | 1.3056% | 1985 | 2.735162 | 0.365609 | 0.7673% | 1984 |
| 2.714335 | 0.368414 | 0.8149% | 1983 | 2.692393 | 0.371417 | 0.9737% | 1982 |
| 2.666429 | 0.375033 | 0.9508% | 1981 | 2.641315 | 0.378599 | 0.9031% | 1980 |
| 2.617676 | 0.382018 | 2.2701% | 1979 | 2.559572 | 0.390690 | 1.0042% | 1978 |
| 2.534125 | 0.394614 | 0.9896% | 1977 | 2.509293 | 0.398519 | 0.9103% | 1976 |
| 2.486656 | 0.402147 | 0.8394% | 1975 | 2.465956 | 0.405522 | 0.9042% | 1974 |
| 2.443859 | 0.409189 | 1.1568% | 1973 | 2.415912 | 0.413922 | 0.9427% | 1972 |
| 2.393350 | 0.417824 | 0.7426% | 1971 | 2.375707 | 0.420927 | 1.4697% | 1970 |
| 2.341296 | 0.427114 | 0.6968% | 1969 | 2.325094 | 0.430090 | 0.8565% | 1968 |
| 2.305348 | 0.433774 | 1.5090% | 1967 | 2.271077 | 0.440320 | 0.9949% | 1966 |
| 2.248704 | 0.444701 | 1.0575% | 1965 | 2.225174 | 0.449403 | 1.1300% | 1964 |
| 2.200310 | 0.454481 | 1.5537% | 1963 | 2.166648 | 0.461543 | 1.4658% | 1962 |
| 2.135347 | 0.468308 | 1.5364% | 1961 | 2.103035 | 0.475503 | 2.1586% | 1960 |
| 2.058598 | 0.485768 | -1.6655% | 1959 | 2.093464 | 0.477677 | 4.3080% | 1958 |
| 2.007003 | 0.498255 | 2.1130% | 1957 | 1.965473 | 0.508783 | 1.9895% | 1956 |
| 1.927133 | 0.518906 | 2.1231% | 1955 | 1.887068 | 0.529922 | 1.4496% | 1954 |
| 1.860104 | 0.537604 | 2.1573% | 1953 | 1.820824 | 0.549202 | 1.2298% | 1952 |
| 1.798705 | 0.555956 | 1.6814% | 1951 | 1.768962 | 0.565303 | 1.6233% | 1950 |
| 1.740705 | 0.574480 | 1.4265% | 1949 | 1.716223 | 0.582675 | 1.7790% | 1948 |
| 1.686224 | 0.593041 | 1.8242% | 1947 | 1.656016 | 0.603859 | -2.6320% | 1946 |
| 1.700781 | 0.587965 | 3.1768% | 1945 | 1.648414 | 0.606644 | 6.4754% | 1944 |
| 1.548164 | 0.645926 | -0.3437% | 1943 | 1.553503 | 0.643706 | 0.6562% | 1942 |
| 1.543375 | 0.647931 | 0.6633% | 1941 | 1.533205 | 0.652228 | -5.6614% | 1940 |
| 1.625216 | 0.615303 | 8.0381% | 1939 | 1.504299 | 0.664762 | 0.8126% | 1938 |
| 1.492173 | 0.670164 | 0.7762% | 1937 | 1.480679 | 0.675366 | 0.6029% | 1936 |
| 1.471806 | 0.679437 | 0.5244% | 1935 | 1.464128 | 0.683000 | -3.0364% | 1934 |
| 1.509977 | 0.662262 | 4.6271% | 1933 | 1.443198 | 0.692906 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.423383 | 0.702552 | -0.2051% | 1931 | 1.426308 | 0.701111 | 0.8886% | 1930 |
| 1.413745 | 0.707341 | 1.0126% | 1929 | 1.399574 | 0.714503 | 1.1526% | 1928 |
| 1.383626 | 0.722739 | 1.2160% | 1927 | 1.367003 | 0.731527 | 1.4086% | 1926 |
| 1.348015 | 0.741831 | 1.7667% | 1925 | 1.324614 | 0.754937 | 1.4465% | 1924 |
| 1.305726 | 0.765857 | 1.7700% | 1923 | 1.283017 | 0.779413 | 1.6165% | 1922 |
| 1.262607 | 0.792012 | 1.3736% | 1921 | 1.245498 | 0.802892 | 2.3393% | 1920 |
| 1.217028 | 0.821674 | 1.3140% | 1919 | 1.201244 | 0.832471 | 0.7676% | 1918 |
| 1.192093 | 0.838861 | 0.3870% | 1917 | 1.187497 | 0.842107 | 1.3274% | 1916 |
| 1.171940 | 0.853286 | 1.4083% | 1915 | 1.155665 | 0.865302 | 1.4458% | 1914 |
| 1.139195 | 0.877813 | 1.9424% | 1913 | 1.117489 | 0.894864 | 1.9857% | 1912 |
| 1.095731 | 0.912633 | 1.5634% | 1911 | 1.078864 | 0.926901 | 1.8169% | 1910 |
| 1.059612 | 0.943742 | 1.8781% | 1909 | 1.040079 | 0.961466 | 2.0082% | 1908 |
| 1.019603 | 0.980774 | 1.9603% | 1907 | 1.000000 | 1.000000 | 1.8264% | 1906 |
| 0.982064 | 1.018264 | 1.9357% | 1905 | 0.963415 | 1.037974 | 2.0148% | 1904 |
| 0.944388 | 1.058887 | 2.1335% | 1903 | 0.924660 | 1.081479 | 1.8151% | 1902 |
| 0.908175 | 1.101109 | 1.8943% | 1901 | 0.891291 | 1.121968 | 3.0255% | 1900 |
| 0.865117 | 1.155913 | 0.6278% | 1899 | 0.859719 | 1.163171 | 1.7757% | 1898 |
| 0.844720 | 1.183825 | 1.8078% | 1897 | 0.829720 | 1.205225 | 1.8396% | 1896 |
| 0.814733 | 1.227396 | 1.8755% | 1895 | 0.799733 | 1.250417 | 1.9114% | 1894 |
| 0.784734 | 1.274317 | 1.9486% | 1893 | 0.769735 | 1.299149 | 1.9858% | 1892 |
| 0.754747 | 1.324947 | 2.0276% | 1891 | 0.739748 | 1.351812 | 2.6465% | 1890 |
| 0.720675 | 1.387588 | 1.5328% | 1889 | 0.709795 | 1.408858 | 2.0811% | 1888 |
| 0.695324 | 1.438178 | 2.1599% | 1887 | 0.680624 | 1.469240 | 2.2075% | 1886 |
| 0.665923 | 1.501674 | 2.2592% | 1885 | 0.651211 | 1.535600 | 2.3095% | 1884 |
| 0.636511 | 1.571065 | 2.3641% | 1883 | 0.621810 | 1.608207 | 2.4214% | 1882 |
| 0.607110 | 1.647148 | 2.4815% | 1881 | 0.592410 | 1.688021 | 3.7644% | 1880 |
| 0.570918 | 1.751565 | 0.9432% | 1879 | 0.565583 | 1.768086 | 2.1464% | 1878 |
| 0.553699 | 1.806036 | 2.1913% | 1877 | 0.541826 | 1.845612 | 2.2426% | 1876 |
| 0.529941 | 1.887002 | 2.2941% | 1875 | 0.518057 | 1.930291 | 2.3456% | 1874 |
| 0.506184 | 1.975568 | 2.4043% | 1873 | 0.494299 | 2.023067 | 2.4635% | 1872 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.482415 | 2.072906 | 2.5258% | 1871 | 0.470530 | 2.125263 | 5.9947% | 1870 |
| 0.443919 | 2.252665 | -1.0968% | 1869 | 0.448841 | 2.227958 | 2.1930% | 1868 |
| 0.439210 | 2.276817 | 2.2394% | 1867 | 0.429589 | 2.327804 | 2.2935% | 1866 |
| 0.419958 | 2.381192 | 2.3445% | 1865 | 0.410337 | 2.437019 | 2.4037% | 1864 |
| 0.400706 | 2.495597 | 2.4599% | 1863 | 0.391085 | 2.556986 | 2.5250% | 1862 |
| 0.381454 | 2.621550 | 2.5872% | 1861 | 0.371833 | 2.689376 | 2.9504% | 1860 |
| 0.361177 | 2.768723 | 2.4012% | 1859 | 0.352708 | 2.835207 | 2.7627% | 1858 |
| 0.343226 | 2.913536 | 2.8412% | 1857 | 0.333743 | 2.996315 | 2.9243% | 1856 |
| 0.324261 | 3.083936 | 3.0161% | 1855 | 0.314767 | 3.176952 | 3.1061% | 1854 |
| 0.305285 | 3.275630 | 3.2056% | 1853 | 0.295802 | 3.380634 | 3.3118% | 1852 |
| 0.286320 | 3.492594 | 3.4252% | 1851 | 0.276838 | 3.612223 | 4.0106% | 1850 |
| 0.266163 | 3.757095 | 2.3254% | 1849 | 0.260114 | 3.844461 | 2.7841% | 1848 |
| 0.253069 | 3.951494 | 2.8590% | 1847 | 0.246035 | 4.064468 | 2.9432% | 1846 |
| 0.239001 | 4.184092 | 3.0324% | 1845 | 0.231966 | 4.310970 | 3.1325% | 1844 |
| 0.224921 | 4.446012 | 3.2284% | 1843 | 0.217887 | 4.589545 | 3.3361% | 1842 |
| 0.210852 | 4.742655 | 3.4512% | 1841 | 0.203818 | 4.906333 | 3.8105% | 1840 |
| 0.196337 | 5.093288 | 2.3861% | 1839 | 0.191761 | 5.214817 | 2.5824% | 1838 |
| 0.186934 | 5.349484 | 2.6573% | 1837 | 0.182095 | 5.491637 | 2.7232% | 1836 |
| 0.177268 | 5.641185 | 2.7994% | 1835 | 0.172440 | 5.799107 | 2.8871% | 1834 |
| 0.167601 | 5.966534 | 2.9657% | 1833 | 0.162774 | 6.143483 | 3.0563% | 1832 |
| 0.157947 | 6.331247 | 3.1604% | 1831 | 0.153108 | 6.531341 | 3.4660% | 1830 |
| 0.147979 | 6.757716 | 2.4653% | 1829 | 0.144419 | 6.924314 | 2.6804% | 1828 |
| 0.140649 | 7.109913 | 10.3427% | 1827 | 0.127465 | 7.845266 | -4.2314% | 1826 |
| 0.133097 | 7.513299 | 2.9150% | 1825 | 0.129327 | 7.732314 | 3.0026% | 1824 |
| 0.125557 | 7.964482 | 3.0955% | 1823 | 0.121788 | 8.211023 | 3.1944% | 1822 |
| 0.118018 | 8.473315 | 3.3102% | 1821 | 0.114236 | 8.753798 | 3.2277% | 1820 |
| 0.110664 | 9.036348 | 2.6573% | 1819 | 0.107800 | 9.276469 | 2.6261% | 1818 |
| 0.105041 | 9.520079 | 2.6969% | 1817 | 0.102283 | 9.776829 | 2.7717% | 1816 |
| 0.099524 | 10.047812 | 2.8507% | 1815 | 0.096766 | 10.334244 | 2.9343% | 1814 |
| 0.094007 | 10.637486 | 3.0231% | 1813 | 0.091249 | 10.959063 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.088502 | 11.299221 | 3.2172% | 1811 | 0.085743 | 11.662735 | 3.0969% | 1810 |
| 0.083168 | 12.023920 | 2.9144% | 1809 | 0.080812 | 12.374342 | 2.8225% | 1808 |
| 0.078594 | 12.723603 | 2.9199% | 1807 | 0.076364 | 13.095123 | 2.9918% | 1806 |
| 0.074146 | 13.486901 | 3.0841% | 1805 | 0.071928 | 13.902844 | 3.1822% | 1804 |
| 0.069709 | 14.345260 | 3.2868% | 1803 | 0.067491 | 14.816757 | 3.3985% | 1802 |
| 0.065273 | 15.320303 | 3.5180% | 1801 | 0.063055 | 15.859278 | 3.3999% | 1800 |
| 0.060981 | 16.398485 | 2.8419% | 1799 | 0.059296 | 16.864509 | 2.7485% | 1798 |
| 0.057710 | 17.328022 | 2.8261% | 1797 | 0.056124 | 17.817735 | 3.7832% | 1796 |
| 0.054078 | 18.491817 | 2.1272% | 1795 | 0.052952 | 18.885175 | 3.0879% | 1794 |
| 0.051365 | 19.468337 | 3.1625% | 1793 | 0.049791 | 20.084026 | 3.2904% | 1792 |
| 0.048205 | 20.744874 | 3.4024% | 1791 | 0.046619 | 21.450690 | 3.2296% | 1790 |
| 0.045160 | 22.143454 | 41.3145% | 1780 | 0.031957 | 31.291900 | 29.4353% | 1770 |
| 0.024690 | 40.502770 | 83.4728% | 1750 | 0.013457 | 74.311582 | 29.2845% | 1740 |
| 0.010409 | 96.073322 | 94.2514% | 1720 | 0.005358 | 186.623767 | 85.8111% | 1700 |
| 0.002884 | 346.767637 | 19.2490% | 1690 | 0.002418 | 413.517110 | 88.0250% | 1670 |
| 0.001286 | 777.515639 | | | | | | |

BASE YEAR: 1906

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.527832 | 0.283460 | 8.2857% | 2001 | 3.257894 | 0.306947 | 1.0000% |
| 2000 | 3.225638 | 0.310016 | 1.0000% | 1999 | 3.193701 | 0.313116 | 1.0000% |
| 1998 | 3.162080 | 0.316248 | 1.0000% | 1997 | 3.130772 | 0.319410 | 1.0000% |
| 1996 | 3.099774 | 0.322604 | 1.0000% | 1995 | 3.069084 | 0.325830 | 0.9992% |
| 1994 | 3.038720 | 0.329086 | 1.0008% | 1993 | 3.008610 | 0.332379 | 1.0000% |
| 1992 | 2.978822 | 0.335703 | 0.9295% | 1991 | 2.951389 | 0.338824 | 1.2505% |
| 1990 | 2.914937 | 0.343061 | 0.7224% | 1989 | 2.894029 | 0.345539 | 1.1077% |
| 1988 | 2.862324 | 0.349366 | 0.8834% | 1987 | 2.837261 | 0.352453 | 0.5594% |
| 1986 | 2.821479 | 0.354424 | 1.3056% | 1985 | 2.785115 | 0.359052 | 0.7673% |
| 1984 | 2.763908 | 0.361807 | 0.8149% | 1983 | 2.741566 | 0.364755 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.715128 | 0.368307 | 0.9508% | 1981 | 2.689555 | 0.371809 | 0.9031% | 1980 |
| 2.665484 | 0.375166 | 2.2701% | 1979 | 2.606319 | 0.383683 | 1.0042% | 1978 |
| 2.580407 | 0.387536 | 0.9896% | 1977 | 2.555121 | 0.391371 | 0.9103% | 1976 |
| 2.532071 | 0.394934 | 0.8394% | 1975 | 2.510993 | 0.398249 | 0.9042% | 1974 |
| 2.488492 | 0.401850 | 1.1568% | 1973 | 2.460035 | 0.406498 | 0.9427% | 1972 |
| 2.437061 | 0.410330 | 0.7426% | 1971 | 2.419096 | 0.413378 | 1.4697% | 1970 |
| 2.384056 | 0.419453 | 0.6968% | 1969 | 2.367559 | 0.422376 | 0.8565% | 1968 |
| 2.347452 | 0.425994 | 1.5090% | 1967 | 2.312554 | 0.432422 | 0.9949% | 1966 |
| 2.289773 | 0.436724 | 1.0575% | 1965 | 2.265813 | 0.441343 | 1.1300% | 1964 |
| 2.240495 | 0.446330 | 1.5537% | 1963 | 2.206218 | 0.453264 | 1.4658% | 1962 |
| 2.174346 | 0.459908 | 1.5364% | 1961 | 2.141444 | 0.466975 | 2.1586% | 1960 |
| 2.096195 | 0.477055 | -1.6655% | 1959 | 2.131698 | 0.469110 | 4.3080% | 1958 |
| 2.043658 | 0.489319 | 2.1130% | 1957 | 2.001369 | 0.499658 | 1.9895% | 1956 |
| 1.962329 | 0.509599 | 2.1231% | 1955 | 1.921533 | 0.520418 | 1.4496% | 1954 |
| 1.894076 | 0.527962 | 2.1573% | 1953 | 1.854079 | 0.539351 | 1.2298% | 1952 |
| 1.831555 | 0.545984 | 1.6814% | 1951 | 1.801269 | 0.555164 | 1.6233% | 1950 |
| 1.772497 | 0.564176 | 1.4265% | 1949 | 1.747567 | 0.572224 | 1.7790% | 1948 |
| 1.717021 | 0.582404 | 1.8242% | 1947 | 1.686261 | 0.593028 | -2.6320% | 1946 |
| 1.731843 | 0.577419 | 3.1768% | 1945 | 1.678520 | 0.595763 | 6.4754% | 1944 |
| 1.576439 | 0.634341 | -0.3437% | 1943 | 1.581876 | 0.632161 | 0.6562% | 1942 |
| 1.571563 | 0.636309 | 0.6633% | 1941 | 1.561207 | 0.640530 | -5.6614% | 1940 |
| 1.654898 | 0.604267 | 8.0381% | 1939 | 1.531772 | 0.652838 | 0.8126% | 1938 |
| 1.519425 | 0.658144 | 0.7762% | 1937 | 1.507721 | 0.663252 | 0.6029% | 1936 |
| 1.498686 | 0.667251 | 0.5244% | 1935 | 1.490868 | 0.670750 | -3.0364% | 1934 |
| 1.537554 | 0.650384 | 4.6271% | 1933 | 1.469556 | 0.680478 | 1.3921% | 1932 |
| 1.449379 | 0.689951 | -0.2051% | 1931 | 1.452357 | 0.688536 | 0.8886% | 1930 |
| 1.439565 | 0.694654 | 1.0126% | 1929 | 1.425135 | 0.701688 | 1.1526% | 1928 |
| 1.408896 | 0.709776 | 1.2160% | 1927 | 1.391970 | 0.718407 | 1.4086% | 1926 |
| 1.372635 | 0.728526 | 1.7667% | 1925 | 1.348806 | 0.741397 | 1.4465% | 1924 |
| 1.329573 | 0.752121 | 1.7700% | 1923 | 1.306450 | 0.765433 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.285667 | 0.777807 | 1.3736% | 1921 | 1.268245 | 0.788491 | 2.3393% | 1920 |
| 1.239255 | 0.806936 | 1.3140% | 1919 | 1.223183 | 0.817539 | 0.7676% | 1918 |
| 1.213864 | 0.823815 | 0.3870% | 1917 | 1.209185 | 0.827003 | 1.3274% | 1916 |
| 1.193344 | 0.837981 | 1.4083% | 1915 | 1.176772 | 0.849782 | 1.4458% | 1914 |
| 1.160000 | 0.862069 | 1.9424% | 1913 | 1.137898 | 0.878813 | 1.9857% | 1912 |
| 1.115743 | 0.896264 | 1.5634% | 1911 | 1.098568 | 0.910276 | 1.8169% | 1910 |
| 1.078964 | 0.926815 | 1.8781% | 1909 | 1.059074 | 0.944221 | 2.0082% | 1908 |
| 1.038224 | 0.963183 | 1.9603% | 1907 | 1.018264 | 0.982064 | 1.8264% | 1906 |
| 1.000000 | 1.000000 | 1.9357% | 1905 | 0.981011 | 1.019357 | 2.0148% | 1904 |
| 0.961635 | 1.039895 | 2.1335% | 1903 | 0.941547 | 1.062082 | 1.8151% | 1902 |
| 0.924761 | 1.081360 | 1.8943% | 1901 | 0.907569 | 1.101845 | 3.0255% | 1900 |
| 0.880917 | 1.135181 | 0.6278% | 1899 | 0.875421 | 1.142308 | 1.7757% | 1898 |
| 0.860147 | 1.162592 | 1.8078% | 1897 | 0.844874 | 1.183608 | 1.8396% | 1896 |
| 0.829613 | 1.205382 | 1.8755% | 1895 | 0.814339 | 1.227989 | 1.9114% | 1894 |
| 0.799066 | 1.251461 | 1.9486% | 1893 | 0.783793 | 1.275847 | 1.9858% | 1892 |
| 0.768531 | 1.301183 | 2.0276% | 1891 | 0.753258 | 1.327566 | 2.6465% | 1890 |
| 0.733837 | 1.362701 | 1.5328% | 1889 | 0.722758 | 1.383588 | 2.0811% | 1888 |
| 0.708023 | 1.412383 | 2.1599% | 1887 | 0.693054 | 1.442888 | 2.2075% | 1886 |
| 0.678086 | 1.474740 | 2.2592% | 1885 | 0.663105 | 1.508057 | 2.3095% | 1884 |
| 0.648136 | 1.542886 | 2.3641% | 1883 | 0.633167 | 1.579362 | 2.4214% | 1882 |
| 0.618198 | 1.617605 | 2.4815% | 1881 | 0.603229 | 1.657745 | 3.7644% | 1880 |
| 0.581345 | 1.720149 | 0.9432% | 1879 | 0.575913 | 1.736374 | 2.1464% | 1878 |
| 0.563811 | 1.773643 | 2.1913% | 1877 | 0.551721 | 1.812509 | 2.2426% | 1876 |
| 0.539620 | 1.853157 | 2.2941% | 1875 | 0.527518 | 1.895669 | 2.3456% | 1874 |
| 0.515428 | 1.940134 | 2.4043% | 1873 | 0.503327 | 1.986781 | 2.4635% | 1872 |
| 0.491225 | 2.035726 | 2.5258% | 1871 | 0.479124 | 2.087144 | 5.9947% | 1870 |
| 0.452026 | 2.212261 | -1.0968% | 1869 | 0.457039 | 2.187998 | 2.1930% | 1868 |
| 0.447231 | 2.235980 | 2.2394% | 1867 | 0.437435 | 2.286053 | 2.2935% | 1866 |
| 0.427628 | 2.338483 | 2.3445% | 1865 | 0.417832 | 2.393308 | 2.4037% | 1864 |
| 0.408024 | 2.450836 | 2.4599% | 1863 | 0.398228 | 2.511124 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.388420 | 2.574530 | 2.5872% | 1861 | 0.378624 | 2.641139 | 2.9504% | 1860 |
| 0.367774 | 2.719064 | 2.4012% | 1859 | 0.359150 | 2.784355 | 2.7627% | 1858 |
| 0.349494 | 2.861279 | 2.8412% | 1857 | 0.339839 | 2.942573 | 2.9243% | 1856 |
| 0.330183 | 3.028623 | 3.0161% | 1855 | 0.320516 | 3.119970 | 3.1061% | 1854 |
| 0.310860 | 3.216878 | 3.2056% | 1853 | 0.301205 | 3.319999 | 3.3118% | 1852 |
| 0.291549 | 3.429951 | 3.4252% | 1851 | 0.281894 | 3.547434 | 4.0106% | 1850 |
| 0.271024 | 3.689708 | 2.3254% | 1849 | 0.264865 | 3.775507 | 2.7841% | 1848 |
| 0.257691 | 3.880620 | 2.8590% | 1847 | 0.250528 | 3.991568 | 2.9432% | 1846 |
| 0.243365 | 4.109046 | 3.0324% | 1845 | 0.236203 | 4.233649 | 3.1325% | 1844 |
| 0.229029 | 4.366268 | 3.2284% | 1843 | 0.221866 | 4.507227 | 3.3361% | 1842 |
| 0.214703 | 4.657591 | 3.4512% | 1841 | 0.207541 | 4.818333 | 3.8105% | 1840 |
| 0.199923 | 5.001935 | 2.3861% | 1839 | 0.195264 | 5.121284 | 2.5824% | 1838 |
| 0.190348 | 5.253535 | 2.6573% | 1837 | 0.185421 | 5.393139 | 2.7232% | 1836 |
| 0.180505 | 5.540005 | 2.7994% | 1835 | 0.175590 | 5.695094 | 2.8871% | 1834 |
| 0.170662 | 5.859519 | 2.9657% | 1833 | 0.165747 | 6.033293 | 3.0563% | 1832 |
| 0.160831 | 6.217690 | 3.1604% | 1831 | 0.155904 | 6.414196 | 3.4660% | 1830 |
| 0.150682 | 6.636509 | 2.4653% | 1829 | 0.147056 | 6.800119 | 2.6804% | 1828 |
| 0.143217 | 6.982389 | 10.3427% | 1827 | 0.129793 | 7.704554 | -4.2314% | 1826 |
| 0.135528 | 7.378541 | 2.9150% | 1825 | 0.131689 | 7.593628 | 3.0026% | 1824 |
| 0.127851 | 7.821631 | 3.0955% | 1823 | 0.124012 | 8.063750 | 3.1944% | 1822 |
| 0.120173 | 8.321338 | 3.3102% | 1821 | 0.116322 | 8.596790 | 3.2277% | 1820 |
| 0.112685 | 8.874272 | 2.6573% | 1819 | 0.109768 | 9.110086 | 2.6261% | 1818 |
| 0.106960 | 9.349327 | 2.6969% | 1817 | 0.104151 | 9.601472 | 2.7717% | 1816 |
| 0.101342 | 9.867594 | 2.8507% | 1815 | 0.098533 | 10.148889 | 2.9343% | 1814 |
| 0.095724 | 10.446693 | 3.0231% | 1813 | 0.092915 | 10.762502 | 3.1039% | 1812 |
| 0.090118 | 11.096558 | 3.2172% | 1811 | 0.087309 | 11.453552 | 3.0969% | 1810 |
| 0.084686 | 11.808259 | 2.9144% | 1809 | 0.082288 | 12.152397 | 2.8225% | 1808 |
| 0.080029 | 12.495393 | 2.9199% | 1807 | 0.077759 | 12.860250 | 2.9918% | 1806 |
| 0.075500 | 13.245001 | 3.0841% | 1805 | 0.073241 | 13.653484 | 3.1822% | 1804 |
| 0.070983 | 14.087964 | 3.2868% | 1803 | 0.068724 | 14.551005 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.066465 | 15.045519 | 3.5180% | 1801 | 0.064206 | 15.574827 | 3.3999% | 1800 |
| 0.062095 | 16.104363 | 2.8419% | 1799 | 0.060379 | 16.562028 | 2.7485% | 1798 |
| 0.058764 | 17.017228 | 2.8261% | 1797 | 0.057149 | 17.498157 | 3.7832% | 1796 |
| 0.055066 | 18.160149 | 2.1272% | 1795 | 0.053919 | 18.546451 | 3.0879% | 1794 |
| 0.052304 | 19.119154 | 3.1625% | 1793 | 0.050700 | 19.723800 | 3.2904% | 1792 |
| 0.049085 | 20.372794 | 3.4024% | 1791 | 0.047470 | 21.065952 | 3.2296% | 1790 |
| 0.045985 | 21.746290 | 41.3145% | 1780 | 0.032541 | 30.730650 | 29.4353% | 1770 |
| 0.025141 | 39.776314 | 83.4728% | 1750 | 0.013703 | 72.978732 | 29.2845% | 1740 |
| 0.010599 | 94.350155 | 94.2514% | 1720 | 0.005456 | 183.276491 | 85.8111% | 1700 |
| 0.002936 | 340.548027 | 19.2490% | 1690 | 0.002462 | 406.100285 | 88.0250% | 1670 |
| 0.001310 | 763.570152 | | | | | | |

BASE YEAR: 1905

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.596120 | 0.278078 | 8.2857% | 2001 | 3.320957 | 0.301118 | 1.0000% |
| 2000 | 3.288075 | 0.304129 | 1.0000% | 1999 | 3.255520 | 0.307171 | 1.0000% |
| 1998 | 3.223287 | 0.310242 | 1.0000% | 1997 | 3.191374 | 0.313345 | 1.0000% |
| 1996 | 3.159776 | 0.316478 | 1.0000% | 1995 | 3.128491 | 0.319643 | 0.9992% |
| 1994 | 3.097540 | 0.322837 | 1.0008% | 1993 | 3.066847 | 0.326068 | 1.0000% |
| 1992 | 3.036483 | 0.329328 | 0.9295% | 1991 | 3.008518 | 0.332390 | 1.2505% |
| 1990 | 2.971361 | 0.336546 | 0.7224% | 1989 | 2.950048 | 0.338977 | 1.1077% |
| 1988 | 2.917729 | 0.342732 | 0.8834% | 1987 | 2.892181 | 0.345760 | 0.5594% |
| 1986 | 2.876093 | 0.347694 | 1.3056% | 1985 | 2.839026 | 0.352233 | 0.7673% |
| 1984 | 2.817409 | 0.354936 | 0.8149% | 1983 | 2.794634 | 0.357829 | 0.9737% |
| 1982 | 2.767684 | 0.361313 | 0.9508% | 1981 | 2.741616 | 0.364748 | 0.9031% |
| 1980 | 2.717079 | 0.368042 | 2.2701% | 1979 | 2.656769 | 0.376397 | 1.0042% |
| 1978 | 2.630355 | 0.380177 | 0.9896% | 1977 | 2.604580 | 0.383939 | 0.9103% |
| 1976 | 2.581083 | 0.387434 | 0.8394% | 1975 | 2.559597 | 0.390686 | 0.9042% |
| 1974 | 2.536661 | 0.394219 | 1.1568% | 1973 | 2.507653 | 0.398779 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.484234 | 0.402539 | 0.7426% | 1971 | 2.465921 | 0.405528 | 1.4697% | 1970 |
| 2.430204 | 0.411488 | 0.6968% | 1969 | 2.413387 | 0.414355 | 0.8565% | 1968 |
| 2.392891 | 0.417905 | 1.5090% | 1967 | 2.357318 | 0.424211 | 0.9949% | 1966 |
| 2.334096 | 0.428431 | 1.0575% | 1965 | 2.309672 | 0.432962 | 1.1300% | 1964 |
| 2.283864 | 0.437854 | 1.5537% | 1963 | 2.248923 | 0.444657 | 1.4658% | 1962 |
| 2.216434 | 0.451175 | 1.5364% | 1961 | 2.182896 | 0.458107 | 2.1586% | 1960 |
| 2.136771 | 0.467996 | -1.6655% | 1959 | 2.172961 | 0.460202 | 4.3080% | 1958 |
| 2.083216 | 0.480027 | 2.1130% | 1957 | 2.040109 | 0.490170 | 1.9895% | 1956 |
| 2.000313 | 0.499922 | 2.1231% | 1955 | 1.958728 | 0.510536 | 1.4496% | 1954 |
| 1.930739 | 0.517936 | 2.1573% | 1953 | 1.889968 | 0.529110 | 1.2298% | 1952 |
| 1.867008 | 0.535616 | 1.6814% | 1951 | 1.836136 | 0.544622 | 1.6233% | 1950 |
| 1.806807 | 0.553463 | 1.4265% | 1949 | 1.781394 | 0.561358 | 1.7790% | 1948 |
| 1.750256 | 0.571345 | 1.8242% | 1947 | 1.718901 | 0.581767 | -2.6320% | 1946 |
| 1.765366 | 0.566455 | 3.1768% | 1945 | 1.711011 | 0.584450 | 6.4754% | 1944 |
| 1.606954 | 0.622295 | -0.3437% | 1943 | 1.612495 | 0.620157 | 0.6562% | 1942 |
| 1.601983 | 0.624226 | 0.6633% | 1941 | 1.591427 | 0.628367 | -5.6614% | 1940 |
| 1.686931 | 0.592792 | 8.0381% | 1939 | 1.561423 | 0.640442 | 0.8126% | 1938 |
| 1.548836 | 0.645646 | 0.7762% | 1937 | 1.536906 | 0.650658 | 0.6029% | 1936 |
| 1.527696 | 0.654581 | 0.5244% | 1935 | 1.519727 | 0.658013 | -3.0364% | 1934 |
| 1.567316 | 0.638033 | 4.6271% | 1933 | 1.498002 | 0.667556 | 1.3921% | 1932 |
| 1.477434 | 0.676849 | -0.2051% | 1931 | 1.480470 | 0.675461 | 0.8886% | 1930 |
| 1.467431 | 0.681463 | 1.0126% | 1929 | 1.452721 | 0.688364 | 1.1526% | 1928 |
| 1.436168 | 0.696298 | 1.2160% | 1927 | 1.418914 | 0.704765 | 1.4086% | 1926 |
| 1.399205 | 0.714692 | 1.7667% | 1925 | 1.374914 | 0.727318 | 1.4465% | 1924 |
| 1.355310 | 0.737839 | 1.7700% | 1923 | 1.331738 | 0.750898 | 1.6165% | 1922 |
| 1.310553 | 0.763037 | 1.3736% | 1921 | 1.292794 | 0.773518 | 2.3393% | 1920 |
| 1.263243 | 0.791613 | 1.3140% | 1919 | 1.246859 | 0.802015 | 0.7676% | 1918 |
| 1.237361 | 0.808172 | 0.3870% | 1917 | 1.232591 | 0.811299 | 1.3274% | 1916 |
| 1.216443 | 0.822069 | 1.4083% | 1915 | 1.199550 | 0.833646 | 1.4458% | 1914 |
| 1.182454 | 0.845699 | 1.9424% | 1913 | 1.159924 | 0.862125 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.137340 | 0.879244 | 1.5634% | 1911 | 1.119833 | 0.892991 | 1.8169% | 1910 |
| 1.099849 | 0.909215 | 1.8781% | 1909 | 1.079574 | 0.926291 | 2.0082% | 1908 |
| 1.058321 | 0.944893 | 1.9603% | 1907 | 1.037974 | 0.963415 | 1.8264% | 1906 |
| 1.019357 | 0.981011 | 1.9357% | 1905 | 1.000000 | 1.000000 | 2.0148% | 1904 |
| 0.980250 | 1.020148 | 2.1335% | 1903 | 0.959773 | 1.041913 | 1.8151% | 1902 |
| 0.942662 | 1.060826 | 1.8943% | 1901 | 0.925137 | 1.080922 | 3.0255% | 1900 |
| 0.897969 | 1.113625 | 0.6278% | 1899 | 0.892366 | 1.120617 | 1.7757% | 1898 |
| 0.876797 | 1.140515 | 1.8078% | 1897 | 0.861228 | 1.161133 | 1.8396% | 1896 |
| 0.845671 | 1.182493 | 1.8755% | 1895 | 0.830102 | 1.204671 | 1.9114% | 1894 |
| 0.814533 | 1.227697 | 1.9486% | 1893 | 0.798964 | 1.251620 | 1.9858% | 1892 |
| 0.783407 | 1.276475 | 2.0276% | 1891 | 0.767839 | 1.302357 | 2.6465% | 1890 |
| 0.748042 | 1.336824 | 1.5328% | 1889 | 0.736749 | 1.357315 | 2.0811% | 1888 |
| 0.721728 | 1.385563 | 2.1599% | 1887 | 0.706470 | 1.415489 | 2.2075% | 1886 |
| 0.691211 | 1.446736 | 2.2592% | 1885 | 0.675940 | 1.479420 | 2.3095% | 1884 |
| 0.660682 | 1.513588 | 2.3641% | 1883 | 0.645423 | 1.549372 | 2.4214% | 1882 |
| 0.630164 | 1.586888 | 2.4815% | 1881 | 0.614906 | 1.626266 | 3.7644% | 1880 |
| 0.592598 | 1.687485 | 0.9432% | 1879 | 0.587061 | 1.703402 | 2.1464% | 1878 |
| 0.574725 | 1.739963 | 2.1913% | 1877 | 0.562401 | 1.778091 | 2.2426% | 1876 |
| 0.550065 | 1.817967 | 2.2941% | 1875 | 0.537729 | 1.859672 | 2.3456% | 1874 |
| 0.525405 | 1.903292 | 2.4043% | 1873 | 0.513070 | 1.949054 | 2.4635% | 1872 |
| 0.500734 | 1.997069 | 2.5258% | 1871 | 0.488398 | 2.047511 | 5.9947% | 1870 |
| 0.460776 | 2.170252 | -1.0968% | 1869 | 0.465886 | 2.146450 | 2.1930% | 1868 |
| 0.455888 | 2.193521 | 2.2394% | 1867 | 0.445903 | 2.242642 | 2.2935% | 1866 |
| 0.435905 | 2.294077 | 2.3445% | 1865 | 0.425920 | 2.347861 | 2.4037% | 1864 |
| 0.415922 | 2.404297 | 2.4599% | 1863 | 0.405936 | 2.463440 | 2.5250% | 1862 |
| 0.395939 | 2.525642 | 2.5872% | 1861 | 0.385953 | 2.590986 | 2.9504% | 1860 |
| 0.374893 | 2.667431 | 2.4012% | 1859 | 0.366102 | 2.731482 | 2.7627% | 1858 |
| 0.356259 | 2.806945 | 2.8412% | 1857 | 0.346417 | 2.886696 | 2.9243% | 1856 |
| 0.336574 | 2.971112 | 3.0161% | 1855 | 0.326720 | 3.060724 | 3.1061% | 1854 |
| 0.316878 | 3.155792 | 3.2056% | 1853 | 0.307035 | 3.256955 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.297193 | 3.364819 | 3.4252% | 1851 | 0.287350 | 3.480071 | 4.0106% | 1850 |
| 0.276270 | 3.619643 | 2.3254% | 1849 | 0.269992 | 3.703813 | 2.7841% | 1848 |
| 0.262679 | 3.806931 | 2.8590% | 1847 | 0.255378 | 3.915771 | 2.9432% | 1846 |
| 0.248076 | 4.031019 | 3.0324% | 1845 | 0.240775 | 4.153255 | 3.1325% | 1844 |
| 0.233462 | 4.283356 | 3.2284% | 1843 | 0.226161 | 4.421638 | 3.3361% | 1842 |
| 0.218859 | 4.569147 | 3.4512% | 1841 | 0.211558 | 4.726837 | 3.8105% | 1840 |
| 0.203792 | 4.906953 | 2.3861% | 1839 | 0.199043 | 5.024035 | 2.5824% | 1838 |
| 0.194033 | 5.153775 | 2.6573% | 1837 | 0.189010 | 5.290728 | 2.7232% | 1836 |
| 0.183999 | 5.434805 | 2.7994% | 1835 | 0.178989 | 5.586949 | 2.8871% | 1834 |
| 0.173966 | 5.748251 | 2.9657% | 1833 | 0.168955 | 5.918726 | 3.0563% | 1832 |
| 0.163945 | 6.099622 | 3.1604% | 1831 | 0.158922 | 6.292395 | 3.4660% | 1830 |
| 0.153598 | 6.510488 | 2.4653% | 1829 | 0.149903 | 6.670991 | 2.6804% | 1828 |
| 0.145990 | 6.849800 | 10.3427% | 1827 | 0.132306 | 7.558251 | -4.2314% | 1826 |
| 0.138152 | 7.238428 | 2.9150% | 1825 | 0.134238 | 7.449431 | 3.0026% | 1824 |
| 0.130325 | 7.673105 | 3.0955% | 1823 | 0.126412 | 7.910627 | 3.1944% | 1822 |
| 0.122499 | 8.163323 | 3.3102% | 1821 | 0.118574 | 8.433545 | 3.2277% | 1820 |
| 0.114867 | 8.705757 | 2.6573% | 1819 | 0.111893 | 8.937094 | 2.6261% | 1818 |
| 0.109030 | 9.171791 | 2.6969% | 1817 | 0.106167 | 9.419148 | 2.7717% | 1816 |
| 0.103303 | 9.680217 | 2.8507% | 1815 | 0.100440 | 9.956171 | 2.9343% | 1814 |
| 0.097577 | 10.248319 | 3.0231% | 1813 | 0.094714 | 10.558131 | 3.1039% | 1812 |
| 0.091862 | 10.885844 | 3.2172% | 1811 | 0.088999 | 11.236059 | 3.0969% | 1810 |
| 0.086326 | 11.584030 | 2.9144% | 1809 | 0.083881 | 11.921633 | 2.8225% | 1808 |
| 0.081579 | 12.258116 | 2.9199% | 1807 | 0.079264 | 12.616045 | 2.9918% | 1806 |
| 0.076962 | 12.993489 | 3.0841% | 1805 | 0.074659 | 13.394215 | 3.1822% | 1804 |
| 0.072357 | 13.820445 | 3.2868% | 1803 | 0.070054 | 14.274693 | 3.3985% | 1802 |
| 0.067752 | 14.759817 | 3.5180% | 1801 | 0.065449 | 15.279074 | 3.3999% | 1800 |
| 0.063297 | 15.798554 | 2.8419% | 1799 | 0.061548 | 16.247529 | 2.7485% | 1798 |
| 0.059901 | 16.694085 | 2.8261% | 1797 | 0.058255 | 17.165882 | 3.7832% | 1796 |
| 0.056132 | 17.815303 | 2.1272% | 1795 | 0.054962 | 18.194270 | 3.0879% | 1794 |
| 0.053316 | 18.756098 | 3.1625% | 1793 | 0.051682 | 19.349261 | 3.2904% | 1792 |

0.050035 19.985932 3.4024% 1791 0.048389 20.665927 3.2296% 1790
0.046875 21.333346 41.3145% 1780 0.033171 30.147101 29.4353% 1770
0.025627 39.020995 83.4728% 1750 0.013968 71.592928 29.2845% 1740
0.010804 92.558525 94.2514% 1720 0.005562 179.796225 85.8111% 1700
0.002993 334.081307 19.2490% 1690 0.002510 398.388783 88.0250%
1670 0.001335 749.070599

BASE YEAR: 1904

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 3.668576 | 0.272585 | 8.2857% | 2001 | 3.387868 | 0.295171 | 1.0000% |
| 2000 | 3.354325 | 0.298123 | 1.0000% | 1999 | 3.321114 | 0.301104 | 1.0000% |
| 1998 | 3.288231 | 0.304115 | 1.0000% | 1997 | 3.255675 | 0.307156 | 1.0000% |
| 1996 | 3.223440 | 0.310228 | 1.0000% | 1995 | 3.191525 | 0.313330 | 0.9992% |
| 1994 | 3.159950 | 0.316461 | 1.0008% | 1993 | 3.128639 | 0.319628 | 1.0000% |
| 1992 | 3.097663 | 0.322824 | 0.9295% | 1991 | 3.069135 | 0.325825 | 1.2505% |
| 1990 | 3.031229 | 0.329899 | 0.7224% | 1989 | 3.009487 | 0.332283 | 1.1077% |
| 1988 | 2.976517 | 0.335963 | 0.8834% | 1987 | 2.950454 | 0.338931 | 0.5594% |
| 1986 | 2.934042 | 0.340827 | 1.3056% | 1985 | 2.896228 | 0.345277 | 0.7673% |
| 1984 | 2.874175 | 0.347926 | 0.8149% | 1983 | 2.850941 | 0.350761 | 0.9737% |
| 1982 | 2.823448 | 0.354177 | 0.9508% | 1981 | 2.796855 | 0.357544 | 0.9031% |
| 1980 | 2.771824 | 0.360773 | 2.2701% | 1979 | 2.710298 | 0.368963 | 1.0042% |
| 1978 | 2.683353 | 0.372668 | 0.9896% | 1977 | 2.657058 | 0.376356 | 0.9103% |
| 1976 | 2.633088 | 0.379782 | 0.8394% | 1975 | 2.611169 | 0.382970 | 0.9042% |
| 1974 | 2.587771 | 0.386433 | 1.1568% | 1973 | 2.558178 | 0.390903 | 0.9427% |
| 1972 | 2.534288 | 0.394588 | 0.7426% | 1971 | 2.515606 | 0.397519 | 1.4697% |
| 1970 | 2.479168 | 0.403361 | 0.6968% | 1969 | 2.462013 | 0.406172 | 0.8565% |
| 1968 | 2.441104 | 0.409651 | 1.5090% | 1967 | 2.404814 | 0.415833 | 0.9949% |
| 1966 | 2.381124 | 0.419970 | 1.0575% | 1965 | 2.356208 | 0.424411 | 1.1300% |
| 1964 | 2.329880 | 0.429207 | 1.5537% | 1963 | 2.294235 | 0.435875 | 1.4658% |
| 1962 | 2.261092 | 0.442264 | 1.5364% | 1961 | 2.226877 | 0.449059 | 2.1586% |
| 1960 | 2.179823 | 0.458753 | -1.6655% | 1959 | 2.216742 | 0.451112 | 4.3080% |
| 1958 | 2.125189 | 0.470546 | 2.1130% | 1957 | 2.081214 | 0.480489 | 1.9895% |
| 1956 | 2.040616 | 0.490048 | 2.1231% | 1955 | 1.998193 | 0.500452 | 1.4496% |
| 1954 | 1.969641 | 0.507707 | 2.1573% | 1953 | 1.928048 | 0.518659 | 1.2298% |
| 1952 | 1.904625 | 0.525038 | 1.6814% | 1951 | 1.873131 | 0.533865 | 1.6233% |
| 1950 | 1.843211 | 0.542532 | 1.4265% | 1949 | 1.817286 | 0.550271 | 1.7790% |
| 1948 | 1.785521 | 0.560061 | 1.8242% | 1947 | 1.753534 | 0.570277 | -2.6320% |
| 1946 | 1.800935 | 0.555267 | 3.1768% | 1945 | 1.745485 | 0.572907 | 6.4754% |
| 1944 | 1.639331 | 0.610005 | -0.3437% | 1943 | 1.644985 | 0.607908 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.634260 | 0.611898 | 0.6633% | 1941 | 1.623492 | 0.615956 | -5.6614% | 1940 |
| 1.720920 | 0.581084 | 8.0381% | 1939 | 1.592883 | 0.627793 | 0.8126% | 1938 |
| 1.580043 | 0.632894 | 0.7762% | 1937 | 1.567872 | 0.637807 | 0.6029% | 1936 |
| 1.558476 | 0.641652 | 0.5244% | 1935 | 1.550347 | 0.645017 | -3.0364% | 1934 |
| 1.598895 | 0.625432 | 4.6271% | 1933 | 1.528184 | 0.654371 | 1.3921% | 1932 |
| 1.507202 | 0.663481 | -0.2051% | 1931 | 1.510299 | 0.662120 | 0.8886% | 1930 |
| 1.496997 | 0.668004 | 1.0126% | 1929 | 1.481991 | 0.674768 | 1.1526% | 1928 |
| 1.465104 | 0.682545 | 1.2160% | 1927 | 1.447502 | 0.690845 | 1.4086% | 1926 |
| 1.427396 | 0.700576 | 1.7667% | 1925 | 1.402616 | 0.712953 | 1.4465% | 1924 |
| 1.382617 | 0.723266 | 1.7700% | 1923 | 1.358571 | 0.736068 | 1.6165% | 1922 |
| 1.336958 | 0.747966 | 1.3736% | 1921 | 1.318842 | 0.758241 | 2.3393% | 1920 |
| 1.288695 | 0.775978 | 1.3140% | 1919 | 1.271982 | 0.786175 | 0.7676% | 1918 |
| 1.262292 | 0.792210 | 0.3870% | 1917 | 1.257426 | 0.795276 | 1.3274% | 1916 |
| 1.240953 | 0.805832 | 1.4083% | 1915 | 1.223719 | 0.817181 | 1.4458% | 1914 |
| 1.206279 | 0.828996 | 1.9424% | 1913 | 1.183295 | 0.845098 | 1.9857% | 1912 |
| 1.160256 | 0.861879 | 1.5634% | 1911 | 1.142396 | 0.875354 | 1.8169% | 1910 |
| 1.122010 | 0.891258 | 1.8781% | 1909 | 1.101326 | 0.907996 | 2.0082% | 1908 |
| 1.079644 | 0.926231 | 1.9603% | 1907 | 1.058887 | 0.944388 | 1.8264% | 1906 |
| 1.039895 | 0.961635 | 1.9357% | 1905 | 1.020148 | 0.980250 | 2.0148% | 1904 |
| 1.000000 | 1.000000 | 2.1335% | 1903 | 0.979110 | 1.021335 | 1.8151% | 1902 |
| 0.961655 | 1.039874 | 1.8943% | 1901 | 0.943777 | 1.059573 | 3.0255% | 1900 |
| 0.916061 | 1.091630 | 0.6278% | 1899 | 0.910346 | 1.098484 | 1.7757% | 1898 |
| 0.894463 | 1.117989 | 1.8078% | 1897 | 0.878580 | 1.138200 | 1.8396% | 1896 |
| 0.862710 | 1.159138 | 1.8755% | 1895 | 0.846827 | 1.180878 | 1.9114% | 1894 |
| 0.830945 | 1.203449 | 1.9486% | 1893 | 0.815062 | 1.226900 | 1.9858% | 1892 |
| 0.799192 | 1.251264 | 2.0276% | 1891 | 0.783309 | 1.276635 | 2.6465% | 1890 |
| 0.763113 | 1.310421 | 1.5328% | 1889 | 0.751593 | 1.330508 | 2.0811% | 1888 |
| 0.736270 | 1.358197 | 2.1599% | 1887 | 0.720704 | 1.387532 | 2.2075% | 1886 |
| 0.705138 | 1.418163 | 2.2592% | 1885 | 0.689559 | 1.450201 | 2.3095% | 1884 |
| 0.673993 | 1.483694 | 2.3641% | 1883 | 0.658427 | 1.518771 | 2.4214% | 1882 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.642861 | 1.555546 | 2.4815% | 1881 | 0.627295 | 1.594147 | 3.7644% | 1880 |
| 0.604538 | 1.654157 | 0.9432% | 1879 | 0.598889 | 1.669759 | 2.1464% | 1878 |
| 0.586304 | 1.705598 | 2.1913% | 1877 | 0.573732 | 1.742973 | 2.2426% | 1876 |
| 0.561148 | 1.782061 | 2.2941% | 1875 | 0.548564 | 1.822943 | 2.3456% | 1874 |
| 0.535991 | 1.865702 | 2.4043% | 1873 | 0.523407 | 1.910559 | 2.4635% | 1872 |
| 0.510823 | 1.957627 | 2.5258% | 1871 | 0.498238 | 2.007072 | 5.9947% | 1870 |
| 0.470060 | 2.127389 | -1.0968% | 1869 | 0.475272 | 2.104056 | 2.1930% | 1868 |
| 0.465074 | 2.150198 | 2.2394% | 1867 | 0.454887 | 2.198349 | 2.2935% | 1866 |
| 0.444688 | 2.248768 | 2.3445% | 1865 | 0.434501 | 2.301490 | 2.4037% | 1864 |
| 0.424302 | 2.356811 | 2.4599% | 1863 | 0.414115 | 2.414786 | 2.5250% | 1862 |
| 0.403916 | 2.475759 | 2.5872% | 1861 | 0.393730 | 2.539813 | 2.9504% | 1860 |
| 0.382446 | 2.614748 | 2.4012% | 1859 | 0.373478 | 2.677534 | 2.7627% | 1858 |
| 0.363437 | 2.751507 | 2.8412% | 1857 | 0.353396 | 2.829683 | 2.9243% | 1856 |
| 0.343356 | 2.912431 | 3.0161% | 1855 | 0.333303 | 3.000274 | 3.1061% | 1854 |
| 0.323262 | 3.093464 | 3.2056% | 1853 | 0.313221 | 3.192629 | 3.3118% | 1852 |
| 0.303181 | 3.298362 | 3.4252% | 1851 | 0.293140 | 3.411339 | 4.0106% | 1850 |
| 0.281837 | 3.548154 | 2.3254% | 1849 | 0.275432 | 3.630661 | 2.7841% | 1848 |
| 0.267971 | 3.731742 | 2.8590% | 1847 | 0.260523 | 3.838433 | 2.9432% | 1846 |
| 0.253075 | 3.951404 | 3.0324% | 1845 | 0.245626 | 4.071227 | 3.1325% | 1844 |
| 0.238166 | 4.198758 | 3.2284% | 1843 | 0.230717 | 4.334309 | 3.3361% | 1842 |
| 0.223269 | 4.478904 | 3.4512% | 1841 | 0.215821 | 4.633480 | 3.8105% | 1840 |
| 0.207899 | 4.810038 | 2.3861% | 1839 | 0.203054 | 4.924808 | 2.5824% | 1838 |
| 0.197942 | 5.051986 | 2.6573% | 1837 | 0.192818 | 5.186234 | 2.7232% | 1836 |
| 0.187707 | 5.327465 | 2.7994% | 1835 | 0.182595 | 5.476605 | 2.8871% | 1834 |
| 0.177471 | 5.634721 | 2.9657% | 1833 | 0.172359 | 5.801829 | 3.0563% | 1832 |
| 0.167248 | 5.979152 | 3.1604% | 1831 | 0.162124 | 6.168118 | 3.4660% | 1830 |
| 0.156693 | 6.381903 | 2.4653% | 1829 | 0.152923 | 6.539236 | 2.6804% | 1828 |
| 0.148931 | 6.714513 | 10.3427% | 1827 | 0.134971 | 7.408972 | -4.2314% | 1826 |
| 0.140935 | 7.095466 | 2.9150% | 1825 | 0.136943 | 7.302302 | 3.0026% | 1824 |
| 0.132951 | 7.521558 | 3.0955% | 1823 | 0.128959 | 7.754388 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.124967 | 8.002094 | 3.3102% | 1821 | 0.120963 | 8.266979 | 3.2277% | 1820 |
| 0.117181 | 8.533815 | 2.6573% | 1819 | 0.114148 | 8.760582 | 2.6261% | 1818 |
| 0.111227 | 8.990644 | 2.6969% | 1817 | 0.108306 | 9.233116 | 2.7717% | 1816 |
| 0.105385 | 9.489029 | 2.8507% | 1815 | 0.102464 | 9.759532 | 2.9343% | 1814 |
| 0.099543 | 10.045910 | 3.0231% | 1813 | 0.096622 | 10.349603 | 3.1039% | 1812 |
| 0.093713 | 10.670844 | 3.2172% | 1811 | 0.090792 | 11.014142 | 3.0969% | 1810 |
| 0.088065 | 11.355241 | 2.9144% | 1809 | 0.085571 | 11.686176 | 2.8225% | 1808 |
| 0.083222 | 12.016013 | 2.9199% | 1807 | 0.080861 | 12.366872 | 2.9918% | 1806 |
| 0.078512 | 12.736863 | 3.0841% | 1805 | 0.076163 | 13.129674 | 3.1822% | 1804 |
| 0.073814 | 13.547486 | 3.2868% | 1803 | 0.071466 | 13.992762 | 3.3985% | 1802 |
| 0.069117 | 14.468304 | 3.5180% | 1801 | 0.066768 | 14.977306 | 3.3999% | 1800 |
| 0.064572 | 15.486526 | 2.8419% | 1799 | 0.062788 | 15.926633 | 2.7485% | 1798 |
| 0.061108 | 16.364370 | 2.8261% | 1797 | 0.059429 | 16.826848 | 3.7832% | 1796 |
| 0.057262 | 17.463443 | 2.1272% | 1795 | 0.056070 | 17.834925 | 3.0879% | 1794 |
| 0.054390 | 18.385657 | 3.1625% | 1793 | 0.052723 | 18.967105 | 3.2904% | 1792 |
| 0.051043 | 19.591202 | 3.4024% | 1791 | 0.049364 | 20.257766 | 3.2296% | 1790 |
| 0.047819 | 20.912004 | 41.3145% | 1780 | 0.033839 | 29.551683 | 29.4353% | 1770 |
| 0.026144 | 38.250314 | 83.4728% | 1750 | 0.014249 | 70.178937 | 29.2845% | 1740 |
| 0.011022 | 90.730455 | 94.2514% | 1720 | 0.005674 | 176.245174 | 85.8111% | 1700 |
| 0.003054 | 327.483061 | 19.2490% | 1690 | 0.002561 | 390.520437 | 88.0250% | 1670 |
| 0.001362 | 734.276139 | | | | | | |

BASE YEAR: 1903

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.746846 | 0.266891 | 8.2857% | 2001 | 3.460149 | 0.289005 | 1.0000% |
| 2000 | 3.425890 | 0.291895 | 1.0000% | 1999 | 3.391970 | 0.294814 | 1.0000% |
| 1998 | 3.358387 | 0.297762 | 1.0000% | 1997 | 3.325135 | 0.300740 | 1.0000% |
| 1996 | 3.292213 | 0.303747 | 1.0000% | 1995 | 3.259617 | 0.306785 | 0.9992% |
| 1994 | 3.227368 | 0.309850 | 1.0008% | 1993 | 3.195390 | 0.312951 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.163752 | 0.316080 | 0.9295% | 1991 | 3.134616 | 0.319018 | 1.2505% | 1990 |
| 3.095901 | 0.323008 | 0.7224% | 1989 | 3.073695 | 0.325341 | 1.1077% | 1988 |
| 3.040022 | 0.328945 | 0.8834% | 1987 | 3.013402 | 0.331851 | 0.5594% | 1986 |
| 2.996640 | 0.333707 | 1.3056% | 1985 | 2.958020 | 0.338064 | 0.7673% | 1984 |
| 2.935496 | 0.340658 | 0.8149% | 1983 | 2.911767 | 0.343434 | 0.9737% | 1982 |
| 2.883687 | 0.346778 | 0.9508% | 1981 | 2.856527 | 0.350075 | 0.9031% | 1980 |
| 2.830961 | 0.353237 | 2.2701% | 1979 | 2.768123 | 0.361256 | 1.0042% | 1978 |
| 2.740603 | 0.364883 | 0.9896% | 1977 | 2.713747 | 0.368494 | 0.9103% | 1976 |
| 2.689266 | 0.371849 | 0.8394% | 1975 | 2.666879 | 0.374970 | 0.9042% | 1974 |
| 2.642982 | 0.378361 | 1.1568% | 1973 | 2.612758 | 0.382737 | 0.9427% | 1972 |
| 2.588357 | 0.386345 | 0.7426% | 1971 | 2.569277 | 0.389215 | 1.4697% | 1970 |
| 2.532062 | 0.394935 | 0.6968% | 1969 | 2.514540 | 0.397687 | 0.8565% | 1968 |
| 2.493185 | 0.401093 | 1.5090% | 1967 | 2.456121 | 0.407146 | 0.9949% | 1966 |
| 2.431926 | 0.411197 | 1.0575% | 1965 | 2.406478 | 0.415545 | 1.1300% | 1964 |
| 2.379589 | 0.420241 | 1.5537% | 1963 | 2.343184 | 0.426770 | 1.4658% | 1962 |
| 2.309333 | 0.433025 | 1.5364% | 1961 | 2.274388 | 0.439679 | 2.1586% | 1960 |
| 2.226330 | 0.449170 | -1.6655% | 1959 | 2.264037 | 0.441689 | 4.3080% | 1958 |
| 2.170531 | 0.460717 | 2.1130% | 1957 | 2.125617 | 0.470452 | 1.9895% | 1956 |
| 2.084153 | 0.479811 | 2.1231% | 1955 | 2.040825 | 0.489998 | 1.4496% | 1954 |
| 2.011663 | 0.497101 | 2.1573% | 1953 | 1.969183 | 0.507825 | 1.2298% | 1952 |
| 1.945261 | 0.514070 | 1.6814% | 1951 | 1.913095 | 0.522713 | 1.6233% | 1950 |
| 1.882536 | 0.531198 | 1.4265% | 1949 | 1.856059 | 0.538776 | 1.7790% | 1948 |
| 1.823616 | 0.548361 | 1.8242% | 1947 | 1.790946 | 0.558364 | -2.6320% | 1946 |
| 1.839359 | 0.543668 | 3.1768% | 1945 | 1.782725 | 0.560939 | 6.4754% | 1944 |
| 1.674307 | 0.597262 | -0.3437% | 1943 | 1.680081 | 0.595209 | 0.6562% | 1942 |
| 1.669128 | 0.599115 | 0.6633% | 1941 | 1.658129 | 0.603089 | -5.6614% | 1940 |
| 1.757637 | 0.568946 | 8.0381% | 1939 | 1.626867 | 0.614678 | 0.8126% | 1938 |
| 1.613753 | 0.619673 | 0.7762% | 1937 | 1.601323 | 0.624484 | 0.6029% | 1936 |
| 1.591727 | 0.628248 | 0.5244% | 1935 | 1.583424 | 0.631543 | -3.0364% | 1934 |
| 1.633008 | 0.612367 | 4.6271% | 1933 | 1.560788 | 0.640702 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.539358 | 0.649621 | -0.2051% | 1931 | 1.542522 | 0.648289 | 0.8886% | 1930 |
| 1.528936 | 0.654050 | 1.0126% | 1929 | 1.513609 | 0.660672 | 1.1526% | 1928 |
| 1.496362 | 0.668287 | 1.2160% | 1927 | 1.478385 | 0.676414 | 1.4086% | 1926 |
| 1.457850 | 0.685942 | 1.7667% | 1925 | 1.432542 | 0.698060 | 1.4465% | 1924 |
| 1.412115 | 0.708157 | 1.7700% | 1923 | 1.387556 | 0.720692 | 1.6165% | 1922 |
| 1.365483 | 0.732342 | 1.3736% | 1921 | 1.346980 | 0.742402 | 2.3393% | 1920 |
| 1.316190 | 0.759769 | 1.3140% | 1919 | 1.299120 | 0.769752 | 0.7676% | 1918 |
| 1.289223 | 0.775661 | 0.3870% | 1917 | 1.284253 | 0.778663 | 1.3274% | 1916 |
| 1.267429 | 0.788999 | 1.4083% | 1915 | 1.249828 | 0.800110 | 1.4458% | 1914 |
| 1.232015 | 0.811678 | 1.9424% | 1913 | 1.208541 | 0.827444 | 1.9857% | 1912 |
| 1.185010 | 0.843875 | 1.5634% | 1911 | 1.166769 | 0.857068 | 1.8169% | 1910 |
| 1.145948 | 0.872640 | 1.8781% | 1909 | 1.124823 | 0.889029 | 2.0082% | 1908 |
| 1.102679 | 0.906883 | 1.9603% | 1907 | 1.081479 | 0.924660 | 1.8264% | 1906 |
| 1.062082 | 0.941547 | 1.9357% | 1905 | 1.041913 | 0.959773 | 2.0148% | 1904 |
| 1.021335 | 0.979110 | 2.1335% | 1903 | 1.000000 | 1.000000 | 1.8151% | 1902 |
| 0.982172 | 1.018151 | 1.8943% | 1901 | 0.963912 | 1.037439 | 3.0255% | 1900 |
| 0.935606 | 1.068827 | 0.6278% | 1899 | 0.929768 | 1.075537 | 1.7757% | 1898 |
| 0.913547 | 1.094635 | 1.8078% | 1897 | 0.897325 | 1.114423 | 1.8396% | 1896 |
| 0.881116 | 1.134924 | 1.8755% | 1895 | 0.864895 | 1.156210 | 1.9114% | 1894 |
| 0.848673 | 1.178310 | 1.9486% | 1893 | 0.832452 | 1.201271 | 1.9858% | 1892 |
| 0.816243 | 1.225126 | 2.0276% | 1891 | 0.800021 | 1.249967 | 2.6465% | 1890 |
| 0.779395 | 1.283047 | 1.5328% | 1889 | 0.767628 | 1.302714 | 2.0811% | 1888 |
| 0.751979 | 1.329825 | 2.1599% | 1887 | 0.736080 | 1.358547 | 2.2075% | 1886 |
| 0.720182 | 1.388538 | 2.2592% | 1885 | 0.704271 | 1.419907 | 2.3095% | 1884 |
| 0.688373 | 1.452700 | 2.3641% | 1883 | 0.672475 | 1.487044 | 2.4214% | 1882 |
| 0.656577 | 1.523051 | 2.4815% | 1881 | 0.640678 | 1.560845 | 3.7644% | 1880 |
| 0.617436 | 1.619602 | 0.9432% | 1879 | 0.611666 | 1.634878 | 2.1464% | 1878 |
| 0.598813 | 1.669969 | 2.1913% | 1877 | 0.585973 | 1.706563 | 2.2426% | 1876 |
| 0.573120 | 1.744835 | 2.2941% | 1875 | 0.560267 | 1.784862 | 2.3456% | 1874 |
| 0.547427 | 1.826728 | 2.4043% | 1873 | 0.534574 | 1.870648 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|-----------|----------|------|
| 0.521721 | 1.916733 | 2.5258% | 1871 | 0.508868 | 1.965145 | 5.9947% | 1870 |
| 0.480089 | 2.082949 | -1.0968% | 1869 | 0.485413 | 2.060103 | 2.1930% | 1868 |
| 0.474996 | 2.105281 | 2.2394% | 1867 | 0.464592 | 2.152427 | 2.2935% | 1866 |
| 0.454175 | 2.201793 | 2.3445% | 1865 | 0.443771 | 2.253413 | 2.4037% | 1864 |
| 0.433355 | 2.307578 | 2.4599% | 1863 | 0.422951 | 2.364342 | 2.5250% | 1862 |
| 0.412534 | 2.424042 | 2.5872% | 1861 | 0.402130 | 2.486758 | 2.9504% | 1860 |
| 0.390606 | 2.560127 | 2.4012% | 1859 | 0.381446 | 2.621602 | 2.7627% | 1858 |
| 0.371191 | 2.694029 | 2.8412% | 1857 | 0.360936 | 2.770572 | 2.9243% | 1856 |
| 0.350681 | 2.851591 | 3.0161% | 1855 | 0.340414 | 2.937599 | 3.1061% | 1854 |
| 0.330159 | 3.028843 | 3.2056% | 1853 | 0.319904 | 3.125936 | 3.3118% | 1852 |
| 0.309649 | 3.229461 | 3.4252% | 1851 | 0.299394 | 3.340077 | 4.0106% | 1850 |
| 0.287850 | 3.474034 | 2.3254% | 1849 | 0.281308 | 3.554818 | 2.7841% | 1848 |
| 0.273689 | 3.653788 | 2.8590% | 1847 | 0.266081 | 3.758250 | 2.9432% | 1846 |
| 0.258474 | 3.868861 | 3.0324% | 1845 | 0.250867 | 3.986181 | 3.1325% | 1844 |
| 0.243247 | 4.111048 | 3.2284% | 1843 | 0.235640 | 4.243767 | 3.3361% | 1842 |
| 0.228032 | 4.385342 | 3.4512% | 1841 | 0.220425 | 4.536688 | 3.8105% | 1840 |
| 0.212334 | 4.709558 | 2.3861% | 1839 | 0.207386 | 4.821931 | 2.5824% | 1838 |
| 0.202165 | 4.946452 | 2.6573% | 1837 | 0.196932 | 5.077895 | 2.7232% | 1836 |
| 0.191711 | 5.216177 | 2.7994% | 1835 | 0.186491 | 5.362201 | 2.8871% | 1834 |
| 0.181257 | 5.517014 | 2.9657% | 1833 | 0.176037 | 5.680631 | 3.0563% | 1832 |
| 0.170816 | 5.854250 | 3.1604% | 1831 | 0.165583 | 6.039269 | 3.4660% | 1830 |
| 0.160036 | 6.248588 | 2.4653% | 1829 | 0.156186 | 6.402634 | 2.6804% | 1828 |
| 0.152109 | 6.574250 | 10.3427% | 1827 | 0.137851 | 7.254202 | -4.2314% | 1826 |
| 0.143942 | 6.947245 | 2.9150% | 1825 | 0.139865 | 7.149760 | 3.0026% | 1824 |
| 0.135788 | 7.364436 | 3.0955% | 1823 | 0.131711 | 7.592403 | 3.1944% | 1822 |
| 0.127634 | 7.834933 | 3.3102% | 1821 | 0.123544 | 8.094285 | 3.2277% | 1820 |
| 0.119681 | 8.355547 | 2.6573% | 1819 | 0.116583 | 8.577577 | 2.6261% | 1818 |
| 0.113600 | 8.802834 | 2.6969% | 1817 | 0.110617 | 9.040240 | 2.7717% | 1816 |
| 0.107633 | 9.290807 | 2.8507% | 1815 | 0.104650 | 9.555659 | 2.9343% | 1814 |
| 0.101667 | 9.836055 | 3.0231% | 1813 | 0.098684 | 10.133404 | 3.1039% | 1812 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.095713 | 10.447935 | 3.2172% | 1811 | 0.092729 | 10.784061 | 3.0969% | 1810 |
| 0.089944 | 11.118034 | 2.9144% | 1809 | 0.087397 | 11.442056 | 2.8225% | 1808 |
| 0.084998 | 11.765004 | 2.9199% | 1807 | 0.082586 | 12.108534 | 2.9918% | 1806 |
| 0.080187 | 12.470795 | 3.0841% | 1805 | 0.077788 | 12.855401 | 3.1822% | 1804 |
| 0.075389 | 13.264484 | 3.2868% | 1803 | 0.072990 | 13.700459 | 3.3985% | 1802 |
| 0.070591 | 14.166067 | 3.5180% | 1801 | 0.068192 | 14.664436 | 3.3999% | 1800 |
| 0.065950 | 15.163019 | 2.8419% | 1799 | 0.064128 | 15.593932 | 2.7485% | 1798 |
| 0.062412 | 16.022525 | 2.8261% | 1797 | 0.060697 | 16.475342 | 3.7832% | 1796 |
| 0.058484 | 17.098639 | 2.1272% | 1795 | 0.057266 | 17.462361 | 3.0879% | 1794 |
| 0.055551 | 18.001588 | 3.1625% | 1793 | 0.053848 | 18.570890 | 3.2904% | 1792 |
| 0.052132 | 19.181950 | 3.4024% | 1791 | 0.050417 | 19.834590 | 3.2296% | 1790 |
| 0.048840 | 20.475161 | 41.3145% | 1780 | 0.034561 | 28.934361 | 29.4353% | 1770 |
| 0.026701 | 37.451281 | 83.4728% | 1750 | 0.014553 | 68.712929 | 29.2845% | 1740 |
| 0.011257 | 88.835134 | 94.2514% | 1720 | 0.005795 | 172.563486 | 85.8111% | 1700 |
| 0.003119 | 320.642077 | 19.2490% | 1690 | 0.002615 | 382.362628 | 88.0250% | 1670 |
| 0.001391 | 718.937417 | | | | | | |

BASE YEAR: 1902

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.814857 | 0.262133 | 8.2857% | 2001 | 3.522956 | 0.283853 | 1.0000% |
| 2000 | 3.488075 | 0.286691 | 1.0000% | 1999 | 3.453540 | 0.289558 | 1.0000% |
| 1998 | 3.419346 | 0.292454 | 1.0000% | 1997 | 3.385491 | 0.295378 | 1.0000% |
| 1996 | 3.351972 | 0.298332 | 1.0000% | 1995 | 3.318784 | 0.301315 | 0.9992% |
| 1994 | 3.285950 | 0.304326 | 1.0008% | 1993 | 3.253391 | 0.307372 | 1.0000% |
| 1992 | 3.221179 | 0.310445 | 0.9295% | 1991 | 3.191514 | 0.313331 | 1.2505% |
| 1990 | 3.152096 | 0.317249 | 0.7224% | 1989 | 3.129487 | 0.319541 | 1.1077% |
| 1988 | 3.095203 | 0.323081 | 0.8834% | 1987 | 3.068100 | 0.325935 | 0.5594% |
| 1986 | 3.051034 | 0.327758 | 1.3056% | 1985 | 3.011712 | 0.332037 | 0.7673% |
| 1984 | 2.988780 | 0.334585 | 0.8149% | 1983 | 2.964620 | 0.337311 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.936030 | 0.340596 | 0.9508% | 1981 | 2.908377 | 0.343834 | 0.9031% | 1980 |
| 2.882348 | 0.346939 | 2.2701% | 1979 | 2.818369 | 0.354815 | 1.0042% | 1978 |
| 2.790349 | 0.358378 | 0.9896% | 1977 | 2.763006 | 0.361925 | 0.9103% | 1976 |
| 2.738080 | 0.365219 | 0.8394% | 1975 | 2.715287 | 0.368285 | 0.9042% | 1974 |
| 2.690956 | 0.371615 | 1.1568% | 1973 | 2.660183 | 0.375914 | 0.9427% | 1972 |
| 2.635340 | 0.379458 | 0.7426% | 1971 | 2.615913 | 0.382276 | 1.4697% | 1970 |
| 2.578023 | 0.387894 | 0.6968% | 1969 | 2.560183 | 0.390597 | 0.8565% | 1968 |
| 2.538440 | 0.393943 | 1.5090% | 1967 | 2.500704 | 0.399887 | 0.9949% | 1966 |
| 2.476069 | 0.403866 | 1.0575% | 1965 | 2.450159 | 0.408137 | 1.1300% | 1964 |
| 2.422782 | 0.412749 | 1.5537% | 1963 | 2.385716 | 0.419161 | 1.4658% | 1962 |
| 2.351251 | 0.425306 | 1.5364% | 1961 | 2.315672 | 0.431840 | 2.1586% | 1960 |
| 2.266741 | 0.441162 | -1.6655% | 1959 | 2.305133 | 0.433814 | 4.3080% | 1958 |
| 2.209929 | 0.452503 | 2.1130% | 1957 | 2.164201 | 0.462064 | 1.9895% | 1956 |
| 2.121984 | 0.471257 | 2.1231% | 1955 | 2.077869 | 0.481262 | 1.4496% | 1954 |
| 2.048178 | 0.488239 | 2.1573% | 1953 | 2.004927 | 0.498771 | 1.2298% | 1952 |
| 1.980571 | 0.504905 | 1.6814% | 1951 | 1.947820 | 0.513394 | 1.6233% | 1950 |
| 1.916707 | 0.521728 | 1.4265% | 1949 | 1.889749 | 0.529171 | 1.7790% | 1948 |
| 1.856717 | 0.538585 | 1.8242% | 1947 | 1.823454 | 0.548410 | -2.6320% | 1946 |
| 1.872746 | 0.533975 | 3.1768% | 1945 | 1.815084 | 0.550939 | 6.4754% | 1944 |
| 1.704698 | 0.586614 | -0.3437% | 1943 | 1.710577 | 0.584598 | 0.6562% | 1942 |
| 1.699425 | 0.588434 | 0.6633% | 1941 | 1.688227 | 0.592337 | -5.6614% | 1940 |
| 1.789540 | 0.558803 | 8.0381% | 1939 | 1.656397 | 0.603720 | 0.8126% | 1938 |
| 1.643045 | 0.608626 | 0.7762% | 1937 | 1.630390 | 0.613350 | 0.6029% | 1936 |
| 1.620619 | 0.617048 | 0.5244% | 1935 | 1.612165 | 0.620284 | -3.0364% | 1934 |
| 1.662649 | 0.601450 | 4.6271% | 1933 | 1.589119 | 0.629280 | 1.3921% | 1932 |
| 1.567300 | 0.638040 | -0.2051% | 1931 | 1.570521 | 0.636731 | 0.8886% | 1930 |
| 1.556688 | 0.642389 | 1.0126% | 1929 | 1.541084 | 0.648894 | 1.1526% | 1928 |
| 1.523524 | 0.656373 | 1.2160% | 1927 | 1.505220 | 0.664355 | 1.4086% | 1926 |
| 1.484312 | 0.673713 | 1.7667% | 1925 | 1.458544 | 0.685615 | 1.4465% | 1924 |
| 1.437747 | 0.695533 | 1.7700% | 1923 | 1.412742 | 0.707843 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.390268 | 0.719286 | 1.3736% | 1921 | 1.371430 | 0.729166 | 2.3393% | 1920 |
| 1.340081 | 0.746224 | 1.3140% | 1919 | 1.322701 | 0.756029 | 0.7676% | 1918 |
| 1.312624 | 0.761833 | 0.3870% | 1917 | 1.307564 | 0.764781 | 1.3274% | 1916 |
| 1.290434 | 0.774933 | 1.4083% | 1915 | 1.272514 | 0.785846 | 1.4458% | 1914 |
| 1.254378 | 0.797208 | 1.9424% | 1913 | 1.230477 | 0.812693 | 1.9857% | 1912 |
| 1.206520 | 0.828830 | 1.5634% | 1911 | 1.187947 | 0.841788 | 1.8169% | 1910 |
| 1.166749 | 0.857083 | 1.8781% | 1909 | 1.145240 | 0.873179 | 2.0082% | 1908 |
| 1.122694 | 0.890715 | 1.9603% | 1907 | 1.101109 | 0.908175 | 1.8264% | 1906 |
| 1.081360 | 0.924761 | 1.9357% | 1905 | 1.060826 | 0.942662 | 2.0148% | 1904 |
| 1.039874 | 0.961655 | 2.1335% | 1903 | 1.018151 | 0.982172 | 1.8151% | 1902 |
| 1.000000 | 1.000000 | 1.8943% | 1901 | 0.981409 | 1.018943 | 3.0255% | 1900 |
| 0.952588 | 1.049772 | 0.6278% | 1899 | 0.946645 | 1.056363 | 1.7757% | 1898 |
| 0.930129 | 1.075120 | 1.8078% | 1897 | 0.913613 | 1.094555 | 1.8396% | 1896 |
| 0.897110 | 1.114691 | 1.8755% | 1895 | 0.880594 | 1.135597 | 1.9114% | 1894 |
| 0.864078 | 1.157303 | 1.9486% | 1893 | 0.847562 | 1.179855 | 1.9858% | 1892 |
| 0.831059 | 1.203284 | 2.0276% | 1891 | 0.814543 | 1.227682 | 2.6465% | 1890 |
| 0.793542 | 1.260173 | 1.5328% | 1889 | 0.781562 | 1.279489 | 2.0811% | 1888 |
| 0.765628 | 1.306117 | 2.1599% | 1887 | 0.749441 | 1.334327 | 2.2075% | 1886 |
| 0.733254 | 1.363783 | 2.2592% | 1885 | 0.717055 | 1.394593 | 2.3095% | 1884 |
| 0.700868 | 1.426802 | 2.3641% | 1883 | 0.684681 | 1.460533 | 2.4214% | 1882 |
| 0.668495 | 1.495899 | 2.4815% | 1881 | 0.652308 | 1.533019 | 3.7644% | 1880 |
| 0.628643 | 1.590728 | 0.9432% | 1879 | 0.622769 | 1.605732 | 2.1464% | 1878 |
| 0.609683 | 1.640197 | 2.1913% | 1877 | 0.596609 | 1.676139 | 2.2426% | 1876 |
| 0.583523 | 1.713728 | 2.2941% | 1875 | 0.570437 | 1.753042 | 2.3456% | 1874 |
| 0.557364 | 1.794161 | 2.4043% | 1873 | 0.544277 | 1.837298 | 2.4635% | 1872 |
| 0.531191 | 1.882561 | 2.5258% | 1871 | 0.518105 | 1.930110 | 5.9947% | 1870 |
| 0.488803 | 2.045814 | -1.0968% | 1869 | 0.494223 | 2.023376 | 2.1930% | 1868 |
| 0.483618 | 2.067748 | 2.2394% | 1867 | 0.473025 | 2.114053 | 2.2935% | 1866 |
| 0.462419 | 2.162539 | 2.3445% | 1865 | 0.451826 | 2.213239 | 2.4037% | 1864 |
| 0.441221 | 2.266439 | 2.4599% | 1863 | 0.430628 | 2.322191 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.420022 | 2.380826 | 2.5872% | 1861 | 0.409429 | 2.442424 | 2.9504% | 1860 |
| 0.397696 | 2.514485 | 2.4012% | 1859 | 0.388370 | 2.574864 | 2.7627% | 1858 |
| 0.377929 | 2.646000 | 2.8412% | 1857 | 0.367488 | 2.721178 | 2.9243% | 1856 |
| 0.357047 | 2.800754 | 3.0161% | 1855 | 0.346593 | 2.885228 | 3.1061% | 1854 |
| 0.336152 | 2.974845 | 3.2056% | 1853 | 0.325711 | 3.070207 | 3.3118% | 1852 |
| 0.315270 | 3.171886 | 3.4252% | 1851 | 0.304829 | 3.280531 | 4.0106% | 1850 |
| 0.293075 | 3.412100 | 2.3254% | 1849 | 0.286414 | 3.491444 | 2.7841% | 1848 |
| 0.278656 | 3.588648 | 2.8590% | 1847 | 0.270911 | 3.691248 | 2.9432% | 1846 |
| 0.263166 | 3.799887 | 3.0324% | 1845 | 0.255420 | 3.915115 | 3.1325% | 1844 |
| 0.247662 | 4.037757 | 3.2284% | 1843 | 0.239917 | 4.168110 | 3.3361% | 1842 |
| 0.232172 | 4.307160 | 3.4512% | 1841 | 0.224426 | 4.455809 | 3.8105% | 1840 |
| 0.216188 | 4.625597 | 2.3861% | 1839 | 0.211150 | 4.735966 | 2.5824% | 1838 |
| 0.205835 | 4.858267 | 2.6573% | 1837 | 0.200507 | 4.987367 | 2.7232% | 1836 |
| 0.195191 | 5.123183 | 2.7994% | 1835 | 0.189876 | 5.266604 | 2.8871% | 1834 |
| 0.184548 | 5.418657 | 2.9657% | 1833 | 0.179232 | 5.579357 | 3.0563% | 1832 |
| 0.173917 | 5.749881 | 3.1604% | 1831 | 0.168589 | 5.931601 | 3.4660% | 1830 |
| 0.162941 | 6.137188 | 2.4653% | 1829 | 0.159021 | 6.288489 | 2.6804% | 1828 |
| 0.154870 | 6.457045 | 10.3427% | 1827 | 0.140353 | 7.124875 | -4.2314% | 1826 |
| 0.146555 | 6.823390 | 2.9150% | 1825 | 0.142404 | 7.022295 | 3.0026% | 1824 |
| 0.138252 | 7.233143 | 3.0955% | 1823 | 0.134101 | 7.457046 | 3.1944% | 1822 |
| 0.129950 | 7.695253 | 3.3102% | 1821 | 0.125786 | 7.949981 | 3.2277% | 1820 |
| 0.121853 | 8.206585 | 2.6573% | 1819 | 0.118699 | 8.424657 | 2.6261% | 1818 |
| 0.115662 | 8.645898 | 2.6969% | 1817 | 0.112624 | 8.879072 | 2.7717% | 1816 |
| 0.109587 | 9.125171 | 2.8507% | 1815 | 0.106550 | 9.385302 | 2.9343% | 1814 |
| 0.103512 | 9.660699 | 3.0231% | 1813 | 0.100475 | 9.952747 | 3.1039% | 1812 |
| 0.097450 | 10.261670 | 3.2172% | 1811 | 0.094413 | 10.591804 | 3.0969% | 1810 |
| 0.091577 | 10.919823 | 2.9144% | 1809 | 0.088983 | 11.238068 | 2.8225% | 1808 |
| 0.086541 | 11.555259 | 2.9199% | 1807 | 0.084085 | 11.892664 | 2.9918% | 1806 |
| 0.081643 | 12.248467 | 3.0841% | 1805 | 0.079200 | 12.626216 | 3.1822% | 1804 |
| 0.076758 | 13.028006 | 3.2868% | 1803 | 0.074315 | 13.456209 | 3.3985% | 1802 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.071873 | 13.913516 | 3.5180% | 1801 | 0.069430 | 14.403000 | 3.3999% | 1800 |
| 0.067147 | 14.892695 | 2.8419% | 1799 | 0.065292 | 15.315925 | 2.7485% | 1798 |
| 0.063545 | 15.736877 | 2.8261% | 1797 | 0.061799 | 16.181622 | 3.7832% | 1796 |
| 0.059546 | 16.793806 | 2.1272% | 1795 | 0.058305 | 17.151044 | 3.0879% | 1794 |
| 0.056559 | 17.680658 | 3.1625% | 1793 | 0.054825 | 18.239810 | 3.2904% | 1792 |
| 0.053079 | 18.839976 | 3.4024% | 1791 | 0.051332 | 19.480981 | 3.2296% | 1790 |
| 0.049726 | 20.110132 | 41.3145% | 1780 | 0.035188 | 28.418522 | 29.4353% | 1770 |
| 0.027186 | 36.783604 | 83.4728% | 1750 | 0.014817 | 67.487922 | 29.2845% | 1740 |
| 0.011461 | 87.251390 | 94.2514% | 1720 | 0.005900 | 169.487042 | 85.8111% | 1700 |
| 0.003175 | 314.925703 | 19.2490% | 1690 | 0.002663 | 375.545908 | 88.0250% | |
| 1670 | 0.001416 | 706.120277 | | | | | |

BASE YEAR: 1901

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 3.887123 | 0.257260 | 8.2857% | 2001 | 3.589693 | 0.278575 | 1.0000% |
| 2000 | 3.554152 | 0.281361 | 1.0000% | 1999 | 3.518962 | 0.284175 | 1.0000% |
| 1998 | 3.484121 | 0.287016 | 1.0000% | 1997 | 3.449624 | 0.289887 | 1.0000% |
| 1996 | 3.415470 | 0.292785 | 1.0000% | 1995 | 3.381653 | 0.295713 | 0.9992% |
| 1994 | 3.348197 | 0.298668 | 1.0008% | 1993 | 3.315021 | 0.301657 | 1.0000% |
| 1992 | 3.282199 | 0.304674 | 0.9295% | 1991 | 3.251972 | 0.307506 | 1.2505% |
| 1990 | 3.211808 | 0.311351 | 0.7224% | 1989 | 3.188771 | 0.313600 | 1.1077% |
| 1988 | 3.153837 | 0.317074 | 0.8834% | 1987 | 3.126221 | 0.319875 | 0.5594% |
| 1986 | 3.108831 | 0.321664 | 1.3056% | 1985 | 3.068764 | 0.325864 | 0.7673% |
| 1984 | 3.045398 | 0.328364 | 0.8149% | 1983 | 3.020780 | 0.331040 | 0.9737% |
| 1982 | 2.991649 | 0.334264 | 0.9508% | 1981 | 2.963472 | 0.337442 | 0.9031% |
| 1980 | 2.936949 | 0.340489 | 2.2701% | 1979 | 2.871758 | 0.348219 | 1.0042% |
| 1978 | 2.843208 | 0.351715 | 0.9896% | 1977 | 2.815347 | 0.355196 | 0.9103% |
| 1976 | 2.789949 | 0.358430 | 0.8394% | 1975 | 2.766724 | 0.361438 | 0.9042% |
| 1974 | 2.741932 | 0.364706 | 1.1568% | 1973 | 2.710576 | 0.368925 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.685262 | 0.372403 | 0.7426% | 1971 | 2.665468 | 0.375169 | 1.4697% | 1970 |
| 2.626860 | 0.380683 | 0.6968% | 1969 | 2.608682 | 0.383335 | 0.8565% | 1968 |
| 2.586527 | 0.386619 | 1.5090% | 1967 | 2.548076 | 0.392453 | 0.9949% | 1966 |
| 2.522974 | 0.396358 | 1.0575% | 1965 | 2.496574 | 0.400549 | 1.1300% | 1964 |
| 2.468678 | 0.405075 | 1.5537% | 1963 | 2.430910 | 0.411369 | 1.4658% | 1962 |
| 2.395792 | 0.417399 | 1.5364% | 1961 | 2.359539 | 0.423812 | 2.1586% | 1960 |
| 2.309681 | 0.432960 | -1.6655% | 1959 | 2.348800 | 0.425749 | 4.3080% | 1958 |
| 2.251793 | 0.444091 | 2.1130% | 1957 | 2.205198 | 0.453474 | 1.9895% | 1956 |
| 2.162182 | 0.462496 | 2.1231% | 1955 | 2.117231 | 0.472315 | 1.4496% | 1954 |
| 2.086978 | 0.479162 | 2.1573% | 1953 | 2.042907 | 0.489499 | 1.2298% | 1952 |
| 2.018089 | 0.495518 | 1.6814% | 1951 | 1.984719 | 0.503850 | 1.6233% | 1950 |
| 1.953016 | 0.512029 | 1.4265% | 1949 | 1.925547 | 0.519333 | 1.7790% | 1948 |
| 1.891890 | 0.528572 | 1.8242% | 1947 | 1.857997 | 0.538214 | -2.6320% | 1946 |
| 1.908222 | 0.524048 | 3.1768% | 1945 | 1.849468 | 0.540696 | 6.4754% | 1944 |
| 1.736991 | 0.575708 | -0.3437% | 1943 | 1.742981 | 0.573730 | 0.6562% | 1942 |
| 1.731618 | 0.577495 | 0.6633% | 1941 | 1.720208 | 0.581325 | -5.6614% | 1940 |
| 1.823440 | 0.548414 | 8.0381% | 1939 | 1.687775 | 0.592496 | 0.8126% | 1938 |
| 1.674170 | 0.597311 | 0.7762% | 1937 | 1.661275 | 0.601947 | 0.6029% | 1936 |
| 1.651319 | 0.605576 | 0.5244% | 1935 | 1.642705 | 0.608752 | -3.0364% | 1934 |
| 1.694146 | 0.590268 | 4.6271% | 1933 | 1.619222 | 0.617580 | 1.3921% | 1932 |
| 1.596990 | 0.626178 | -0.2051% | 1931 | 1.600272 | 0.624894 | 0.8886% | 1930 |
| 1.586177 | 0.630446 | 1.0126% | 1929 | 1.570277 | 0.636830 | 1.1526% | 1928 |
| 1.552384 | 0.644170 | 1.2160% | 1927 | 1.533734 | 0.652003 | 1.4086% | 1926 |
| 1.512430 | 0.661187 | 1.7667% | 1925 | 1.486174 | 0.672869 | 1.4465% | 1924 |
| 1.464983 | 0.682602 | 1.7700% | 1923 | 1.439504 | 0.694684 | 1.6165% | 1922 |
| 1.416605 | 0.705913 | 1.3736% | 1921 | 1.397409 | 0.715610 | 2.3393% | 1920 |
| 1.365467 | 0.732350 | 1.3140% | 1919 | 1.347757 | 0.741973 | 0.7676% | 1918 |
| 1.337490 | 0.747669 | 0.3870% | 1917 | 1.332334 | 0.750563 | 1.3274% | 1916 |
| 1.314880 | 0.760526 | 1.4083% | 1915 | 1.296620 | 0.771236 | 1.4458% | 1914 |
| 1.278140 | 0.782387 | 1.9424% | 1913 | 1.253787 | 0.797584 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.229376 | 0.813421 | 1.5634% | 1911 | 1.210451 | 0.826138 | 1.8169% | 1910 |
| 1.188851 | 0.841148 | 1.8781% | 1909 | 1.166935 | 0.856946 | 2.0082% | 1908 |
| 1.143962 | 0.874155 | 1.9603% | 1907 | 1.121968 | 0.891291 | 1.8264% | 1906 |
| 1.101845 | 0.907569 | 1.9357% | 1905 | 1.080922 | 0.925137 | 2.0148% | 1904 |
| 1.059573 | 0.943777 | 2.1335% | 1903 | 1.037439 | 0.963912 | 1.8151% | 1902 |
| 1.018943 | 0.981409 | 1.8943% | 1901 | 1.000000 | 1.000000 | 3.0255% | 1900 |
| 0.970633 | 1.030255 | 0.6278% | 1899 | 0.964577 | 1.036723 | 1.7757% | 1898 |
| 0.947749 | 1.055132 | 1.8078% | 1897 | 0.930920 | 1.074206 | 1.8396% | 1896 |
| 0.914104 | 1.093967 | 1.8755% | 1895 | 0.897275 | 1.114485 | 1.9114% | 1894 |
| 0.880447 | 1.135787 | 1.9486% | 1893 | 0.863618 | 1.157920 | 1.9858% | 1892 |
| 0.846802 | 1.180914 | 2.0276% | 1891 | 0.829973 | 1.204858 | 2.6465% | 1890 |
| 0.808574 | 1.236745 | 1.5328% | 1889 | 0.796367 | 1.255702 | 2.0811% | 1888 |
| 0.780132 | 1.281835 | 2.1599% | 1887 | 0.763638 | 1.309520 | 2.2075% | 1886 |
| 0.747145 | 1.338428 | 2.2592% | 1885 | 0.730639 | 1.368666 | 2.3095% | 1884 |
| 0.714145 | 1.400276 | 2.3641% | 1883 | 0.697652 | 1.433380 | 2.4214% | 1882 |
| 0.681158 | 1.468088 | 2.4815% | 1881 | 0.664665 | 1.504518 | 3.7644% | 1880 |
| 0.640552 | 1.561154 | 0.9432% | 1879 | 0.634566 | 1.575879 | 2.1464% | 1878 |
| 0.621232 | 1.609704 | 2.1913% | 1877 | 0.607911 | 1.644977 | 2.2426% | 1876 |
| 0.594577 | 1.681868 | 2.2941% | 1875 | 0.581243 | 1.720451 | 2.3456% | 1874 |
| 0.567922 | 1.760805 | 2.4043% | 1873 | 0.554588 | 1.803141 | 2.4635% | 1872 |
| 0.541254 | 1.847562 | 2.5258% | 1871 | 0.527920 | 1.894227 | 5.9947% | 1870 |
| 0.498063 | 2.007780 | -1.0968% | 1869 | 0.503586 | 1.985759 | 2.1930% | 1868 |
| 0.492779 | 2.029306 | 2.2394% | 1867 | 0.481986 | 2.074750 | 2.2935% | 1866 |
| 0.471179 | 2.122335 | 2.3445% | 1865 | 0.460386 | 2.172092 | 2.4037% | 1864 |
| 0.449579 | 2.224303 | 2.4599% | 1863 | 0.438785 | 2.279018 | 2.5250% | 1862 |
| 0.427979 | 2.336564 | 2.5872% | 1861 | 0.417185 | 2.397016 | 2.9504% | 1860 |
| 0.405229 | 2.467738 | 2.4012% | 1859 | 0.395727 | 2.526994 | 2.7627% | 1858 |
| 0.385088 | 2.596808 | 2.8412% | 1857 | 0.374449 | 2.670588 | 2.9243% | 1856 |
| 0.363810 | 2.748684 | 3.0161% | 1855 | 0.353159 | 2.831588 | 3.1061% | 1854 |
| 0.342520 | 2.919539 | 3.2056% | 1853 | 0.331881 | 3.013128 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.321242 | 3.112917 | 3.4252% | 1851 | 0.310603 | 3.219541 | 4.0106% | 1850 |
| 0.298627 | 3.348664 | 2.3254% | 1849 | 0.291840 | 3.426533 | 2.7841% | 1848 |
| 0.283935 | 3.521931 | 2.8590% | 1847 | 0.276043 | 3.622623 | 2.9432% | 1846 |
| 0.268151 | 3.729243 | 3.0324% | 1845 | 0.260259 | 3.842328 | 3.1325% | 1844 |
| 0.252354 | 3.962689 | 3.2284% | 1843 | 0.244462 | 4.090619 | 3.3361% | 1842 |
| 0.236570 | 4.227085 | 3.4512% | 1841 | 0.228678 | 4.372970 | 3.8105% | 1840 |
| 0.220284 | 4.539601 | 2.3861% | 1839 | 0.215150 | 4.647918 | 2.5824% | 1838 |
| 0.209734 | 4.767946 | 2.6573% | 1837 | 0.204305 | 4.894646 | 2.7232% | 1836 |
| 0.198889 | 5.027937 | 2.7994% | 1835 | 0.193473 | 5.168691 | 2.8871% | 1834 |
| 0.188044 | 5.317917 | 2.9657% | 1833 | 0.182627 | 5.475630 | 3.0563% | 1832 |
| 0.177211 | 5.642983 | 3.1604% | 1831 | 0.171782 | 5.821325 | 3.4660% | 1830 |
| 0.166028 | 6.023090 | 2.4653% | 1829 | 0.162033 | 6.171577 | 2.6804% | 1828 |
| 0.157803 | 6.337000 | 10.3427% | 1827 | 0.143012 | 6.992414 | -4.2314% | 1826 |
| 0.149331 | 6.696535 | 2.9150% | 1825 | 0.145101 | 6.891741 | 3.0026% | 1824 |
| 0.140871 | 7.098670 | 3.0955% | 1823 | 0.136642 | 7.318410 | 3.1944% | 1822 |
| 0.132412 | 7.552188 | 3.3102% | 1821 | 0.128169 | 7.802180 | 3.2277% | 1820 |
| 0.124162 | 8.054014 | 2.6573% | 1819 | 0.120948 | 8.268032 | 2.6261% | 1818 |
| 0.117853 | 8.485159 | 2.6969% | 1817 | 0.114758 | 8.713998 | 2.7717% | 1816 |
| 0.111663 | 8.955523 | 2.8507% | 1815 | 0.108568 | 9.210817 | 2.9343% | 1814 |
| 0.105473 | 9.481094 | 3.0231% | 1813 | 0.102378 | 9.767713 | 3.1039% | 1812 |
| 0.099296 | 10.070892 | 3.2172% | 1811 | 0.096201 | 10.394889 | 3.0969% | 1810 |
| 0.093311 | 10.716810 | 2.9144% | 1809 | 0.090669 | 11.029138 | 2.8225% | 1808 |
| 0.088180 | 11.340431 | 2.9199% | 1807 | 0.085678 | 11.671564 | 2.9918% | 1806 |
| 0.083189 | 12.020752 | 3.0841% | 1805 | 0.080701 | 12.391478 | 3.1822% | 1804 |
| 0.078212 | 12.785799 | 3.2868% | 1803 | 0.075723 | 13.206041 | 3.3985% | 1802 |
| 0.073234 | 13.654846 | 3.5180% | 1801 | 0.070745 | 14.135230 | 3.3999% | 1800 |
| 0.068419 | 14.615820 | 2.8419% | 1799 | 0.066528 | 15.031182 | 2.7485% | 1798 |
| 0.064749 | 15.444308 | 2.8261% | 1797 | 0.062969 | 15.880784 | 3.7832% | 1796 |
| 0.060674 | 16.481588 | 2.1272% | 1795 | 0.059410 | 16.832184 | 3.0879% | 1794 |
| 0.057630 | 17.351951 | 3.1625% | 1793 | 0.055864 | 17.900709 | 3.2904% | 1792 |

0.054084 18.489716 3.4024% 1791 0.052305 19.118804 3.2296% 1790
0.050668 19.736258 41.3145% 1780 0.035855 27.890185 29.4353% 1770
0.027701 36.099749 83.4728% 1750 0.015098 66.233234 29.2845% 1740
0.011678 85.629273 94.2514% 1720 0.006012 166.336057 85.8111% 1700
0.003236 309.070825 19.2490% 1690 0.002713 368.564021 88.0250%
1670 0.001443 692.992583

BASE YEAR: 1900

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 4.004728 0.249705 8.2857% 2001 3.698300 0.270395 1.0000%
2000 3.661682 0.273099 1.0000% 1999 3.625428 0.275829 1.0000% 1998
3.589533 0.278588 1.0000% 1997 3.553993 0.281374 1.0000% 1996
3.518805 0.284187 1.0000% 1995 3.483965 0.287029 0.9992% 1994
3.449497 0.289897 1.0008% 1993 3.415317 0.292799 1.0000% 1992
3.381502 0.295727 0.9295% 1991 3.350360 0.298475 1.2505% 1990
3.308981 0.302208 0.7224% 1989 3.285247 0.304391 1.1077% 1988
3.249256 0.307763 0.8834% 1987 3.220804 0.310481 0.5594% 1986
3.202889 0.312218 1.3056% 1985 3.161610 0.316295 0.7673% 1984
3.137536 0.318721 0.8149% 1983 3.112174 0.321319 0.9737% 1982
3.082161 0.324448 0.9508% 1981 3.053132 0.327533 0.9031% 1980
3.025807 0.330490 2.2701% 1979 2.958643 0.337993 1.0042% 1978
2.929229 0.341387 0.9896% 1977 2.900525 0.344765 0.9103% 1976
2.874359 0.347904 0.8394% 1975 2.850431 0.350824 0.9042% 1974
2.824889 0.353996 1.1568% 1973 2.792585 0.358091 0.9427% 1972
2.766505 0.361467 0.7426% 1971 2.746111 0.364151 1.4697% 1970
2.706335 0.369503 0.6968% 1969 2.687607 0.372078 0.8565% 1968
2.664783 0.375265 1.5090% 1967 2.625168 0.380928 0.9949% 1966
2.599307 0.384718 1.0575% 1965 2.572108 0.388786 1.1300% 1964
2.543367 0.393180 1.5537% 1963 2.504457 0.399288 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.468276 | 0.405141 | 1.5364% | 1961 | 2.430927 | 0.411366 | 2.1586% | 1960 |
| 2.379561 | 0.420246 | -1.6655% | 1959 | 2.419863 | 0.413247 | 4.3080% | 1958 |
| 2.319921 | 0.431049 | 2.1130% | 1957 | 2.271916 | 0.440157 | 1.9895% | 1956 |
| 2.227598 | 0.448914 | 2.1231% | 1955 | 2.181288 | 0.458445 | 1.4496% | 1954 |
| 2.150119 | 0.465090 | 2.1573% | 1953 | 2.104715 | 0.475124 | 1.2298% | 1952 |
| 2.079147 | 0.480967 | 1.6814% | 1951 | 2.044767 | 0.489053 | 1.6233% | 1950 |
| 2.012105 | 0.496992 | 1.4265% | 1949 | 1.983805 | 0.504082 | 1.7790% | 1948 |
| 1.949129 | 0.513050 | 1.8242% | 1947 | 1.914211 | 0.522409 | -2.6320% | 1946 |
| 1.965955 | 0.508659 | 3.1768% | 1945 | 1.905424 | 0.524818 | 6.4754% | 1944 |
| 1.789544 | 0.558802 | -0.3437% | 1943 | 1.795715 | 0.556881 | 0.6562% | 1942 |
| 1.784008 | 0.560536 | 0.6633% | 1941 | 1.772253 | 0.564254 | -5.6614% | 1940 |
| 1.878609 | 0.532309 | 8.0381% | 1939 | 1.738839 | 0.575096 | 0.8126% | 1938 |
| 1.724822 | 0.579770 | 0.7762% | 1937 | 1.711537 | 0.584270 | 0.6029% | 1936 |
| 1.701280 | 0.587793 | 0.5244% | 1935 | 1.692405 | 0.590875 | -3.0364% | 1934 |
| 1.745402 | 0.572934 | 4.6271% | 1933 | 1.668212 | 0.599444 | 1.3921% | 1932 |
| 1.645307 | 0.607789 | -0.2051% | 1931 | 1.648688 | 0.606543 | 0.8886% | 1930 |
| 1.634167 | 0.611932 | 1.0126% | 1929 | 1.617786 | 0.618129 | 1.1526% | 1928 |
| 1.599352 | 0.625253 | 1.2160% | 1927 | 1.580137 | 0.632856 | 1.4086% | 1926 |
| 1.558189 | 0.641771 | 1.7667% | 1925 | 1.531139 | 0.653109 | 1.4465% | 1924 |
| 1.509306 | 0.662556 | 1.7700% | 1923 | 1.483057 | 0.674283 | 1.6165% | 1922 |
| 1.459464 | 0.685183 | 1.3736% | 1921 | 1.439688 | 0.694595 | 2.3393% | 1920 |
| 1.406779 | 0.710844 | 1.3140% | 1919 | 1.388534 | 0.720184 | 0.7676% | 1918 |
| 1.377956 | 0.725713 | 0.3870% | 1917 | 1.372644 | 0.728521 | 1.3274% | 1916 |
| 1.354662 | 0.738192 | 1.4083% | 1915 | 1.335849 | 0.748588 | 1.4458% | 1914 |
| 1.316810 | 0.759411 | 1.9424% | 1913 | 1.291720 | 0.774161 | 1.9857% | 1912 |
| 1.266570 | 0.789534 | 1.5634% | 1911 | 1.247074 | 0.801877 | 1.8169% | 1910 |
| 1.224820 | 0.816447 | 1.8781% | 1909 | 1.202241 | 0.831780 | 2.0082% | 1908 |
| 1.178572 | 0.848484 | 1.9603% | 1907 | 1.155913 | 0.865117 | 1.8264% | 1906 |
| 1.135181 | 0.880917 | 1.9357% | 1905 | 1.113625 | 0.897969 | 2.0148% | 1904 |
| 1.091630 | 0.916061 | 2.1335% | 1903 | 1.068827 | 0.935606 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.049772 | 0.952588 | 1.8943% | 1901 | 1.030255 | 0.970633 | 3.0255% | 1900 |
| 1.000000 | 1.000000 | 0.6278% | 1899 | 0.993761 | 1.006278 | 1.7757% | 1898 |
| 0.976423 | 1.024146 | 1.8078% | 1897 | 0.959085 | 1.042660 | 1.8396% | 1896 |
| 0.941760 | 1.061841 | 1.8755% | 1895 | 0.924422 | 1.081757 | 1.9114% | 1894 |
| 0.907085 | 1.102433 | 1.9486% | 1893 | 0.889747 | 1.123915 | 1.9858% | 1892 |
| 0.872422 | 1.146234 | 2.0276% | 1891 | 0.855084 | 1.169476 | 2.6465% | 1890 |
| 0.833038 | 1.200426 | 1.5328% | 1889 | 0.820461 | 1.218826 | 2.0811% | 1888 |
| 0.803735 | 1.244192 | 2.1599% | 1887 | 0.786742 | 1.271064 | 2.2075% | 1886 |
| 0.769750 | 1.299124 | 2.2592% | 1885 | 0.752744 | 1.328473 | 2.3095% | 1884 |
| 0.735752 | 1.359155 | 2.3641% | 1883 | 0.718759 | 1.391287 | 2.4214% | 1882 |
| 0.701767 | 1.424975 | 2.4815% | 1881 | 0.684774 | 1.460336 | 3.7644% | 1880 |
| 0.659932 | 1.515308 | 0.9432% | 1879 | 0.653765 | 1.529601 | 2.1464% | 1878 |
| 0.640028 | 1.562432 | 2.1913% | 1877 | 0.626304 | 1.596670 | 2.2426% | 1876 |
| 0.612566 | 1.632477 | 2.2941% | 1875 | 0.598829 | 1.669927 | 2.3456% | 1874 |
| 0.585104 | 1.709097 | 2.4043% | 1873 | 0.571367 | 1.750189 | 2.4635% | 1872 |
| 0.557629 | 1.793305 | 2.5258% | 1871 | 0.543892 | 1.838600 | 5.9947% | 1870 |
| 0.513131 | 1.948818 | -1.0968% | 1869 | 0.518822 | 1.927444 | 2.1930% | 1868 |
| 0.507688 | 1.969712 | 2.2394% | 1867 | 0.496568 | 2.013822 | 2.2935% | 1866 |
| 0.485435 | 2.060009 | 2.3445% | 1865 | 0.474315 | 2.108306 | 2.4037% | 1864 |
| 0.463181 | 2.158983 | 2.4599% | 1863 | 0.452061 | 2.212091 | 2.5250% | 1862 |
| 0.440927 | 2.267947 | 2.5872% | 1861 | 0.429807 | 2.326624 | 2.9504% | 1860 |
| 0.417490 | 2.395269 | 2.4012% | 1859 | 0.407700 | 2.452785 | 2.7627% | 1858 |
| 0.396739 | 2.520548 | 2.8412% | 1857 | 0.385778 | 2.592162 | 2.9243% | 1856 |
| 0.374818 | 2.667965 | 3.0161% | 1855 | 0.363844 | 2.748434 | 3.1061% | 1854 |
| 0.352883 | 2.833802 | 3.2056% | 1853 | 0.341922 | 2.924643 | 3.3118% | 1852 |
| 0.330961 | 3.021501 | 3.4252% | 1851 | 0.320001 | 3.124995 | 4.0106% | 1850 |
| 0.307661 | 3.250326 | 2.3254% | 1849 | 0.300670 | 3.325908 | 2.7841% | 1848 |
| 0.292526 | 3.418504 | 2.8590% | 1847 | 0.284395 | 3.516239 | 2.9432% | 1846 |
| 0.276264 | 3.619728 | 3.0324% | 1845 | 0.268133 | 3.729493 | 3.1325% | 1844 |
| 0.259989 | 3.846319 | 3.2284% | 1843 | 0.251858 | 3.970492 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|------------|----------|------|
| 0.243727 | 4.102950 | 3.4512% | 1841 | 0.235596 | 4.244551 | 3.8105% | 1840 |
| 0.226948 | 4.406289 | 2.3861% | 1839 | 0.221659 | 4.511425 | 2.5824% | 1838 |
| 0.216079 | 4.627928 | 2.6573% | 1837 | 0.210486 | 4.750907 | 2.7232% | 1836 |
| 0.204906 | 4.880284 | 2.7994% | 1835 | 0.199326 | 5.016904 | 2.8871% | 1834 |
| 0.193733 | 5.161749 | 2.9657% | 1833 | 0.188153 | 5.314830 | 3.0563% | 1832 |
| 0.182573 | 5.477268 | 3.1604% | 1831 | 0.176979 | 5.650373 | 3.4660% | 1830 |
| 0.171051 | 5.846213 | 2.4653% | 1829 | 0.166935 | 5.990340 | 2.6804% | 1828 |
| 0.162578 | 6.150904 | 10.3427% | 1827 | 0.147339 | 6.787071 | -4.2314% | 1826 |
| 0.153849 | 6.499881 | 2.9150% | 1825 | 0.149491 | 6.689355 | 3.0026% | 1824 |
| 0.145134 | 6.890207 | 3.0955% | 1823 | 0.140776 | 7.103494 | 3.1944% | 1822 |
| 0.136418 | 7.330407 | 3.3102% | 1821 | 0.132047 | 7.573057 | 3.2277% | 1820 |
| 0.127918 | 7.817496 | 2.6573% | 1819 | 0.124607 | 8.025228 | 2.6261% | 1818 |
| 0.121418 | 8.235980 | 2.6969% | 1817 | 0.118230 | 8.458098 | 2.7717% | 1816 |
| 0.115041 | 8.692530 | 2.8507% | 1815 | 0.111853 | 8.940328 | 2.9343% | 1814 |
| 0.108664 | 9.202668 | 3.0231% | 1813 | 0.105476 | 9.480869 | 3.1039% | 1812 |
| 0.102300 | 9.775145 | 3.2172% | 1811 | 0.099112 | 10.089627 | 3.0969% | 1810 |
| 0.096134 | 10.402094 | 2.9144% | 1809 | 0.093412 | 10.705251 | 2.8225% | 1808 |
| 0.090848 | 11.007402 | 2.9199% | 1807 | 0.088271 | 11.328811 | 2.9918% | 1806 |
| 0.085706 | 11.667744 | 3.0841% | 1805 | 0.083142 | 12.027584 | 3.1822% | 1804 |
| 0.080578 | 12.410324 | 3.2868% | 1803 | 0.078014 | 12.818225 | 3.3985% | 1802 |
| 0.075450 | 13.253851 | 3.5180% | 1801 | 0.072886 | 13.720127 | 3.3999% | 1800 |
| 0.070489 | 14.186604 | 2.8419% | 1799 | 0.068541 | 14.589769 | 2.7485% | 1798 |
| 0.066708 | 14.990762 | 2.8261% | 1797 | 0.064874 | 15.414421 | 3.7832% | 1796 |
| 0.062509 | 15.997581 | 2.1272% | 1795 | 0.061207 | 16.337881 | 3.0879% | 1794 |
| 0.059374 | 16.842385 | 3.1625% | 1793 | 0.057554 | 17.375027 | 3.2904% | 1792 |
| 0.055720 | 17.946738 | 3.4024% | 1791 | 0.053887 | 18.557352 | 3.2296% | 1790 |
| 0.052201 | 19.156673 | 41.3145% | 1780 | 0.036940 | 27.071147 | 29.4353% | 1770 |
| 0.028539 | 35.039625 | 83.4728% | 1750 | 0.015555 | 64.288194 | 29.2845% | 1740 |
| 0.012032 | 83.114640 | 94.2514% | 1720 | 0.006194 | 161.451347 | 85.8111% | 1700 |

0.003333 299.994492 19.2490% 1690 0.002795 357.740580 88.0250%
1670 0.001487 672.641805

BASE YEAR: 1899

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 4.029871 | 0.248147 | 8.2857% | 2001 | 3.721519 | 0.268707 | 1.0000% |
| 2000 | 3.684672 | 0.271395 | 1.0000% | 1999 | 3.648190 | 0.274109 | 1.0000% |
| 1998 | 3.612069 | 0.276850 | 1.0000% | 1997 | 3.576306 | 0.279618 | 1.0000% |
| 1996 | 3.540897 | 0.282414 | 1.0000% | 1995 | 3.505839 | 0.285238 | 0.9992% |
| 1994 | 3.471154 | 0.288089 | 1.0008% | 1993 | 3.436760 | 0.290972 | 1.0000% |
| 1992 | 3.402733 | 0.293881 | 0.9295% | 1991 | 3.371395 | 0.296613 | 1.2505% |
| 1990 | 3.329756 | 0.300322 | 0.7224% | 1989 | 3.305873 | 0.302492 | 1.1077% |
| 1988 | 3.269656 | 0.305843 | 0.8834% | 1987 | 3.241026 | 0.308544 | 0.5594% |
| 1986 | 3.222998 | 0.310270 | 1.3056% | 1985 | 3.181460 | 0.314321 | 0.7673% |
| 1984 | 3.157235 | 0.316733 | 0.8149% | 1983 | 3.131713 | 0.319314 | 0.9737% |
| 1982 | 3.101512 | 0.322423 | 0.9508% | 1981 | 3.072300 | 0.325489 | 0.9031% |
| 1980 | 3.044804 | 0.328428 | 2.2701% | 1979 | 2.977219 | 0.335884 | 1.0042% |
| 1978 | 2.947620 | 0.339257 | 0.9896% | 1977 | 2.918736 | 0.342614 | 0.9103% |
| 1976 | 2.892405 | 0.345733 | 0.8394% | 1975 | 2.868327 | 0.348635 | 0.9042% |
| 1974 | 2.842625 | 0.351788 | 1.1568% | 1973 | 2.810118 | 0.355857 | 0.9427% |
| 1972 | 2.783874 | 0.359212 | 0.7426% | 1971 | 2.763352 | 0.361879 | 1.4697% |
| 1970 | 2.723327 | 0.367198 | 0.6968% | 1969 | 2.704481 | 0.369757 | 0.8565% |
| 1968 | 2.681513 | 0.372924 | 1.5090% | 1967 | 2.641650 | 0.378551 | 0.9949% |
| 1966 | 2.615627 | 0.382318 | 1.0575% | 1965 | 2.588257 | 0.386360 | 1.1300% |
| 1964 | 2.559336 | 0.390726 | 1.5537% | 1963 | 2.520181 | 0.396797 | 1.4658% |
| 1962 | 2.483773 | 0.402613 | 1.5364% | 1961 | 2.446189 | 0.408799 | 2.1586% |
| 1960 | 2.394500 | 0.417624 | -1.6655% | 1959 | 2.435056 | 0.410668 | 4.3080% |
| 1958 | 2.334486 | 0.428360 | 2.1130% | 1957 | 2.286180 | 0.437411 | 1.9895% |
| 1956 | 2.241584 | 0.446113 | 2.1231% | 1955 | 2.194983 | 0.455584 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.163618 | 0.462189 | 2.1573% | 1953 | 2.117929 | 0.472159 | 1.2298% | 1952 |
| 2.092200 | 0.477966 | 1.6814% | 1951 | 2.057604 | 0.486002 | 1.6233% | 1950 |
| 2.024737 | 0.493891 | 1.4265% | 1949 | 1.996260 | 0.500937 | 1.7790% | 1948 |
| 1.961366 | 0.509849 | 1.8242% | 1947 | 1.926229 | 0.519149 | -2.6320% | 1946 |
| 1.978299 | 0.505485 | 3.1768% | 1945 | 1.917387 | 0.521543 | 6.4754% | 1944 |
| 1.800779 | 0.555315 | -0.3437% | 1943 | 1.806989 | 0.553407 | 0.6562% | 1942 |
| 1.795209 | 0.557038 | 0.6633% | 1941 | 1.783379 | 0.560733 | -5.6614% | 1940 |
| 1.890403 | 0.528988 | 8.0381% | 1939 | 1.749756 | 0.571508 | 0.8126% | 1938 |
| 1.735652 | 0.576153 | 0.7762% | 1937 | 1.722282 | 0.580625 | 0.6029% | 1936 |
| 1.711961 | 0.584125 | 0.5244% | 1935 | 1.703031 | 0.587188 | -3.0364% | 1934 |
| 1.756360 | 0.569359 | 4.6271% | 1933 | 1.678686 | 0.595704 | 1.3921% | 1932 |
| 1.655637 | 0.603997 | -0.2051% | 1931 | 1.659040 | 0.602758 | 0.8886% | 1930 |
| 1.644427 | 0.608114 | 1.0126% | 1929 | 1.627943 | 0.614272 | 1.1526% | 1928 |
| 1.609393 | 0.621352 | 1.2160% | 1927 | 1.590058 | 0.628908 | 1.4086% | 1926 |
| 1.567972 | 0.637767 | 1.7667% | 1925 | 1.540752 | 0.649034 | 1.4465% | 1924 |
| 1.518782 | 0.658422 | 1.7700% | 1923 | 1.492368 | 0.670076 | 1.6165% | 1922 |
| 1.468627 | 0.680908 | 1.3736% | 1921 | 1.448727 | 0.690261 | 2.3393% | 1920 |
| 1.415611 | 0.706409 | 1.3140% | 1919 | 1.397251 | 0.715691 | 0.7676% | 1918 |
| 1.386607 | 0.721185 | 0.3870% | 1917 | 1.381262 | 0.723976 | 1.3274% | 1916 |
| 1.363167 | 0.733586 | 1.4083% | 1915 | 1.344236 | 0.743917 | 1.4458% | 1914 |
| 1.325078 | 0.754673 | 1.9424% | 1913 | 1.299830 | 0.769331 | 1.9857% | 1912 |
| 1.274522 | 0.784608 | 1.5634% | 1911 | 1.254903 | 0.796874 | 1.8169% | 1910 |
| 1.232509 | 0.811353 | 1.8781% | 1909 | 1.209789 | 0.826590 | 2.0082% | 1908 |
| 1.185972 | 0.843190 | 1.9603% | 1907 | 1.163171 | 0.859719 | 1.8264% | 1906 |
| 1.142308 | 0.875421 | 1.9357% | 1905 | 1.120617 | 0.892366 | 2.0148% | 1904 |
| 1.098484 | 0.910346 | 2.1335% | 1903 | 1.075537 | 0.929768 | 1.8151% | 1902 |
| 1.056363 | 0.946645 | 1.8943% | 1901 | 1.036723 | 0.964577 | 3.0255% | 1900 |
| 1.006278 | 0.993761 | 0.6278% | 1899 | 1.000000 | 1.000000 | 1.7757% | 1898 |
| 0.982553 | 1.017757 | 1.8078% | 1897 | 0.965106 | 1.036155 | 1.8396% | 1896 |
| 0.947673 | 1.055216 | 1.8755% | 1895 | 0.930226 | 1.075007 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 0.912780 | 1.095555 | 1.9486% | 1893 | 0.895333 | 1.116903 | 1.9858% | 1892 |
| 0.877899 | 1.139083 | 2.0276% | 1891 | 0.860453 | 1.162179 | 2.6465% | 1890 |
| 0.838268 | 1.192936 | 1.5328% | 1889 | 0.825613 | 1.211222 | 2.0811% | 1888 |
| 0.808781 | 1.236429 | 2.1599% | 1887 | 0.791682 | 1.263134 | 2.2075% | 1886 |
| 0.774583 | 1.291018 | 2.2592% | 1885 | 0.757470 | 1.320184 | 2.3095% | 1884 |
| 0.740371 | 1.350674 | 2.3641% | 1883 | 0.723272 | 1.382606 | 2.4214% | 1882 |
| 0.706173 | 1.416085 | 2.4815% | 1881 | 0.689073 | 1.451224 | 3.7644% | 1880 |
| 0.664075 | 1.505854 | 0.9432% | 1879 | 0.657870 | 1.520058 | 2.1464% | 1878 |
| 0.644046 | 1.552684 | 2.1913% | 1877 | 0.630236 | 1.586708 | 2.2426% | 1876 |
| 0.616412 | 1.622292 | 2.2941% | 1875 | 0.602588 | 1.659508 | 2.3456% | 1874 |
| 0.588778 | 1.698433 | 2.4043% | 1873 | 0.574954 | 1.739269 | 2.4635% | 1872 |
| 0.561130 | 1.782117 | 2.5258% | 1871 | 0.547307 | 1.827129 | 5.9947% | 1870 |
| 0.516353 | 1.936659 | -1.0968% | 1869 | 0.522079 | 1.915418 | 2.1930% | 1868 |
| 0.510876 | 1.957423 | 2.2394% | 1867 | 0.499686 | 2.001257 | 2.2935% | 1866 |
| 0.488482 | 2.047156 | 2.3445% | 1865 | 0.477292 | 2.095151 | 2.4037% | 1864 |
| 0.466089 | 2.145512 | 2.4599% | 1863 | 0.454899 | 2.198290 | 2.5250% | 1862 |
| 0.443696 | 2.253797 | 2.5872% | 1861 | 0.432506 | 2.312108 | 2.9504% | 1860 |
| 0.420111 | 2.380324 | 2.4012% | 1859 | 0.410259 | 2.437482 | 2.7627% | 1858 |
| 0.399230 | 2.504822 | 2.8412% | 1857 | 0.388200 | 2.575989 | 2.9243% | 1856 |
| 0.377171 | 2.651319 | 3.0161% | 1855 | 0.366128 | 2.731286 | 3.1061% | 1854 |
| 0.355098 | 2.816121 | 3.2056% | 1853 | 0.344069 | 2.906396 | 3.3118% | 1852 |
| 0.333039 | 3.002649 | 3.4252% | 1851 | 0.322010 | 3.105497 | 4.0106% | 1850 |
| 0.309593 | 3.230046 | 2.3254% | 1849 | 0.302558 | 3.305157 | 2.7841% | 1848 |
| 0.294362 | 3.397175 | 2.8590% | 1847 | 0.286180 | 3.494301 | 2.9432% | 1846 |
| 0.277998 | 3.597143 | 3.0324% | 1845 | 0.269816 | 3.706223 | 3.1325% | 1844 |
| 0.261621 | 3.822321 | 3.2284% | 1843 | 0.253439 | 3.945719 | 3.3361% | 1842 |
| 0.245257 | 4.077351 | 3.4512% | 1841 | 0.237075 | 4.218068 | 3.8105% | 1840 |
| 0.228373 | 4.378797 | 2.3861% | 1839 | 0.223051 | 4.483277 | 2.5824% | 1838 |
| 0.217436 | 4.599053 | 2.6573% | 1837 | 0.211808 | 4.721265 | 2.7232% | 1836 |
| 0.206193 | 4.849835 | 2.7994% | 1835 | 0.200578 | 4.985603 | 2.8871% | 1834 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.194949 | 5.129543 | 2.9657% | 1833 | 0.189334 | 5.281669 | 3.0563% | 1832 |
| 0.183719 | 5.443094 | 3.1604% | 1831 | 0.178091 | 5.615119 | 3.4660% | 1830 |
| 0.172125 | 5.809737 | 2.4653% | 1829 | 0.167984 | 5.952965 | 2.6804% | 1828 |
| 0.163598 | 6.112528 | 10.3427% | 1827 | 0.148264 | 6.744725 | -4.2314% | 1826 |
| 0.154815 | 6.459326 | 2.9150% | 1825 | 0.150430 | 6.647618 | 3.0026% | 1824 |
| 0.146045 | 6.847217 | 3.0955% | 1823 | 0.141660 | 7.059173 | 3.1944% | 1822 |
| 0.137275 | 7.284671 | 3.3102% | 1821 | 0.132876 | 7.525807 | 3.2277% | 1820 |
| 0.128721 | 7.768721 | 2.6573% | 1819 | 0.125389 | 7.975157 | 2.6261% | 1818 |
| 0.122181 | 8.184594 | 2.6969% | 1817 | 0.118972 | 8.405326 | 2.7717% | 1816 |
| 0.115764 | 8.638295 | 2.8507% | 1815 | 0.112555 | 8.884547 | 2.9343% | 1814 |
| 0.109346 | 9.145250 | 3.0231% | 1813 | 0.106138 | 9.421716 | 3.1039% | 1812 |
| 0.102943 | 9.714156 | 3.2172% | 1811 | 0.099734 | 10.026676 | 3.0969% | 1810 |
| 0.096738 | 10.337193 | 2.9144% | 1809 | 0.093999 | 10.638458 | 2.8225% | 1808 |
| 0.091418 | 10.938725 | 2.9199% | 1807 | 0.088825 | 11.258128 | 2.9918% | 1806 |
| 0.086244 | 11.594947 | 3.0841% | 1805 | 0.083664 | 11.952541 | 3.1822% | 1804 |
| 0.081084 | 12.332894 | 3.2868% | 1803 | 0.078504 | 12.738249 | 3.3985% | 1802 |
| 0.075923 | 13.171157 | 3.5180% | 1801 | 0.073343 | 13.634524 | 3.3999% | 1800 |
| 0.070932 | 14.098091 | 2.8419% | 1799 | 0.068972 | 14.498740 | 2.7485% | 1798 |
| 0.067127 | 14.897232 | 2.8261% | 1797 | 0.065282 | 15.318247 | 3.7832% | 1796 |
| 0.062902 | 15.897768 | 2.1272% | 1795 | 0.061592 | 16.235945 | 3.0879% | 1794 |
| 0.059747 | 16.737301 | 3.1625% | 1793 | 0.057915 | 17.266620 | 3.2904% | 1792 |
| 0.056070 | 17.834764 | 3.4024% | 1791 | 0.054225 | 18.441568 | 3.2296% | 1790 |
| 0.052529 | 19.037150 | 41.3145% | 1780 | 0.037172 | 26.902244 | 29.4353% | 1770 |
| 0.028718 | 34.821005 | 83.4728% | 1750 | 0.015653 | 63.887086 | 29.2845% | 1740 |
| 0.012107 | 82.596069 | 94.2514% | 1720 | 0.006233 | 160.444015 | 85.8111% | 1700 |
| 0.003354 | 298.122758 | 19.2490% | 1690 | 0.002813 | 355.508555 | 88.0250% | 1670 |
| 0.001496 | 668.445040 | | | | | | |

BASE YEAR: 1898

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 4.101428 | 0.243818 | 8.2857% | 2001 | 3.787600 | 0.264019 | 1.0000% |
| 2000 | 3.750099 | 0.266660 | 1.0000% | 1999 | 3.712969 | 0.269326 | 1.0000% |
| 1998 | 3.676207 | 0.272019 | 1.0000% | 1997 | 3.639809 | 0.274740 | 1.0000% |
| 1996 | 3.603771 | 0.277487 | 1.0000% | 1995 | 3.568090 | 0.280262 | 0.9992% |
| 1994 | 3.532790 | 0.283062 | 1.0008% | 1993 | 3.497785 | 0.285895 | 1.0000% |
| 1992 | 3.463153 | 0.288754 | 0.9295% | 1991 | 3.431260 | 0.291438 | 1.2505% |
| 1990 | 3.388881 | 0.295083 | 0.7224% | 1989 | 3.364574 | 0.297214 | 1.1077% |
| 1988 | 3.327714 | 0.300507 | 0.8834% | 1987 | 3.298575 | 0.303161 | 0.5594% |
| 1986 | 3.280227 | 0.304857 | 1.3056% | 1985 | 3.237951 | 0.308837 | 0.7673% |
| 1984 | 3.213296 | 0.311207 | 0.8149% | 1983 | 3.187321 | 0.313743 | 0.9737% |
| 1982 | 3.156584 | 0.316798 | 0.9508% | 1981 | 3.126854 | 0.319810 | 0.9031% |
| 1980 | 3.098869 | 0.322698 | 2.2701% | 1979 | 3.030084 | 0.330024 | 1.0042% |
| 1978 | 2.999959 | 0.333338 | 0.9896% | 1977 | 2.970562 | 0.336637 | 0.9103% |
| 1976 | 2.943764 | 0.339701 | 0.8394% | 1975 | 2.919259 | 0.342553 | 0.9042% |
| 1974 | 2.893100 | 0.345650 | 1.1568% | 1973 | 2.860016 | 0.349648 | 0.9427% |
| 1972 | 2.833306 | 0.352945 | 0.7426% | 1971 | 2.812420 | 0.355566 | 1.4697% |
| 1970 | 2.771684 | 0.360792 | 0.6968% | 1969 | 2.752504 | 0.363306 | 0.8565% |
| 1968 | 2.729128 | 0.366417 | 1.5090% | 1967 | 2.688556 | 0.371947 | 0.9949% |
| 1966 | 2.662071 | 0.375647 | 1.0575% | 1965 | 2.634215 | 0.379620 | 1.1300% |
| 1964 | 2.604781 | 0.383909 | 1.5537% | 1963 | 2.564930 | 0.389874 | 1.4658% |
| 1962 | 2.527876 | 0.395589 | 1.5364% | 1961 | 2.489625 | 0.401667 | 2.1586% |
| 1960 | 2.437019 | 0.410337 | -1.6655% | 1959 | 2.478294 | 0.403503 | 4.3080% |
| 1958 | 2.375939 | 0.420886 | 2.1130% | 1957 | 2.326775 | 0.429779 | 1.9895% |
| 1956 | 2.281387 | 0.438330 | 2.1231% | 1955 | 2.233958 | 0.447636 | 1.4496% |
| 1954 | 2.202037 | 0.454125 | 2.1573% | 1953 | 2.155537 | 0.463922 | 1.2298% |
| 1952 | 2.129351 | 0.469627 | 1.6814% | 1951 | 2.094140 | 0.477523 | 1.6233% |
| 1950 | 2.060690 | 0.485274 | 1.4265% | 1949 | 2.031707 | 0.492197 | 1.7790% |
| 1948 | 1.996194 | 0.500953 | 1.8242% | 1947 | 1.960432 | 0.510092 | -2.6320% |
| 1946 | 2.013426 | 0.496666 | 3.1768% | 1945 | 1.951433 | 0.512444 | 6.4754% |
| 1944 | 1.832755 | 0.545627 | -0.3437% | 1943 | 1.839075 | 0.543752 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.827085 | 0.547320 | 0.6633% | 1941 | 1.815046 | 0.550950 | -5.6614% | 1940 |
| 1.923970 | 0.519759 | 8.0381% | 1939 | 1.780826 | 0.561537 | 0.8126% | 1938 |
| 1.766471 | 0.566101 | 0.7762% | 1937 | 1.752864 | 0.570495 | 0.6029% | 1936 |
| 1.742360 | 0.573934 | 0.5244% | 1935 | 1.733271 | 0.576944 | -3.0364% | 1934 |
| 1.787547 | 0.559426 | 4.6271% | 1933 | 1.708493 | 0.585311 | 1.3921% | 1932 |
| 1.685036 | 0.593459 | -0.2051% | 1931 | 1.688498 | 0.592242 | 0.8886% | 1930 |
| 1.673627 | 0.597505 | 1.0126% | 1929 | 1.656850 | 0.603555 | 1.1526% | 1928 |
| 1.637970 | 0.610512 | 1.2160% | 1927 | 1.618292 | 0.617935 | 1.4086% | 1926 |
| 1.595814 | 0.626640 | 1.7667% | 1925 | 1.568110 | 0.637710 | 1.4465% | 1924 |
| 1.545751 | 0.646935 | 1.7700% | 1923 | 1.518867 | 0.658385 | 1.6165% | 1922 |
| 1.494705 | 0.669028 | 1.3736% | 1921 | 1.474451 | 0.678218 | 2.3393% | 1920 |
| 1.440748 | 0.694084 | 1.3140% | 1919 | 1.422062 | 0.703204 | 0.7676% | 1918 |
| 1.411228 | 0.708602 | 0.3870% | 1917 | 1.405788 | 0.711345 | 1.3274% | 1916 |
| 1.387372 | 0.720787 | 1.4083% | 1915 | 1.368105 | 0.730938 | 1.4458% | 1914 |
| 1.348607 | 0.741506 | 1.9424% | 1913 | 1.322911 | 0.755909 | 1.9857% | 1912 |
| 1.297154 | 0.770919 | 1.5634% | 1911 | 1.277186 | 0.782971 | 1.8169% | 1910 |
| 1.254395 | 0.797197 | 1.8781% | 1909 | 1.231271 | 0.812169 | 2.0082% | 1908 |
| 1.207031 | 0.828479 | 1.9603% | 1907 | 1.183825 | 0.844720 | 1.8264% | 1906 |
| 1.162592 | 0.860147 | 1.9357% | 1905 | 1.140515 | 0.876797 | 2.0148% | 1904 |
| 1.117989 | 0.894463 | 2.1335% | 1903 | 1.094635 | 0.913547 | 1.8151% | 1902 |
| 1.075120 | 0.930129 | 1.8943% | 1901 | 1.055132 | 0.947749 | 3.0255% | 1900 |
| 1.024146 | 0.976423 | 0.6278% | 1899 | 1.017757 | 0.982553 | 1.7757% | 1898 |
| 1.000000 | 1.000000 | 1.8078% | 1897 | 0.982243 | 1.018078 | 1.8396% | 1896 |
| 0.964501 | 1.036806 | 1.8755% | 1895 | 0.946744 | 1.056252 | 1.9114% | 1894 |
| 0.928987 | 1.076441 | 1.9486% | 1893 | 0.911231 | 1.097417 | 1.9858% | 1892 |
| 0.893488 | 1.119209 | 2.0276% | 1891 | 0.875731 | 1.141903 | 2.6465% | 1890 |
| 0.853153 | 1.172123 | 1.5328% | 1889 | 0.840273 | 1.190090 | 2.0811% | 1888 |
| 0.823142 | 1.214857 | 2.1599% | 1887 | 0.805739 | 1.241096 | 2.2075% | 1886 |
| 0.788336 | 1.268494 | 2.2592% | 1885 | 0.770920 | 1.297151 | 2.3095% | 1884 |
| 0.753517 | 1.327110 | 2.3641% | 1883 | 0.736115 | 1.358484 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.718712 | 1.391378 | 2.4815% | 1881 | 0.701309 | 1.425905 | 3.7644% | 1880 |
| 0.675867 | 1.479582 | 0.9432% | 1879 | 0.669551 | 1.493538 | 2.1464% | 1878 |
| 0.655482 | 1.525595 | 2.1913% | 1877 | 0.641427 | 1.559025 | 2.2426% | 1876 |
| 0.627357 | 1.593988 | 2.2941% | 1875 | 0.613288 | 1.630555 | 2.3456% | 1874 |
| 0.599233 | 1.668801 | 2.4043% | 1873 | 0.585163 | 1.708924 | 2.4635% | 1872 |
| 0.571094 | 1.751024 | 2.5258% | 1871 | 0.557025 | 1.795251 | 5.9947% | 1870 |
| 0.525522 | 1.902871 | -1.0968% | 1869 | 0.531349 | 1.882000 | 2.1930% | 1868 |
| 0.519947 | 1.923272 | 2.2394% | 1867 | 0.508559 | 1.966342 | 2.2935% | 1866 |
| 0.497156 | 2.011440 | 2.3445% | 1865 | 0.485768 | 2.058598 | 2.4037% | 1864 |
| 0.474365 | 2.108080 | 2.4599% | 1863 | 0.462977 | 2.159937 | 2.5250% | 1862 |
| 0.451574 | 2.214475 | 2.5872% | 1861 | 0.440186 | 2.271769 | 2.9504% | 1860 |
| 0.427571 | 2.338795 | 2.4012% | 1859 | 0.417544 | 2.394956 | 2.7627% | 1858 |
| 0.406319 | 2.461121 | 2.8412% | 1857 | 0.395093 | 2.531047 | 2.9243% | 1856 |
| 0.383868 | 2.605062 | 3.0161% | 1855 | 0.372629 | 2.683634 | 3.1061% | 1854 |
| 0.361404 | 2.766989 | 3.2056% | 1853 | 0.350178 | 2.855689 | 3.3118% | 1852 |
| 0.338953 | 2.950263 | 3.4252% | 1851 | 0.327727 | 3.051316 | 4.0106% | 1850 |
| 0.315090 | 3.173692 | 2.3254% | 1849 | 0.307930 | 3.247492 | 2.7841% | 1848 |
| 0.299589 | 3.337905 | 2.8590% | 1847 | 0.291262 | 3.433336 | 2.9432% | 1846 |
| 0.282935 | 3.534385 | 3.0324% | 1845 | 0.274607 | 3.641562 | 3.1325% | 1844 |
| 0.266267 | 3.755634 | 3.2284% | 1843 | 0.257939 | 3.876879 | 3.3361% | 1842 |
| 0.249612 | 4.006214 | 3.4512% | 1841 | 0.241285 | 4.144476 | 3.8105% | 1840 |
| 0.232428 | 4.302401 | 2.3861% | 1839 | 0.227012 | 4.405059 | 2.5824% | 1838 |
| 0.221297 | 4.518815 | 2.6573% | 1837 | 0.215569 | 4.638894 | 2.7232% | 1836 |
| 0.209854 | 4.765221 | 2.7994% | 1835 | 0.204139 | 4.898620 | 2.8871% | 1834 |
| 0.198411 | 5.040049 | 2.9657% | 1833 | 0.192696 | 5.189521 | 3.0563% | 1832 |
| 0.186981 | 5.348130 | 3.1604% | 1831 | 0.181253 | 5.517153 | 3.4660% | 1830 |
| 0.175181 | 5.708376 | 2.4653% | 1829 | 0.170966 | 5.849105 | 2.6804% | 1828 |
| 0.166503 | 6.005884 | 10.3427% | 1827 | 0.150897 | 6.627051 | -4.2314% | 1826 |
| 0.157564 | 6.346632 | 2.9150% | 1825 | 0.153101 | 6.531639 | 3.0026% | 1824 |
| 0.148638 | 6.727755 | 3.0955% | 1823 | 0.144175 | 6.936014 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.139712 | 7.157577 | 3.3102% | 1821 | 0.135236 | 7.394506 | 3.2277% | 1820 |
| 0.131007 | 7.633182 | 2.6573% | 1819 | 0.127616 | 7.836017 | 2.6261% | 1818 |
| 0.124350 | 8.041799 | 2.6969% | 1817 | 0.121085 | 8.258681 | 2.7717% | 1816 |
| 0.117819 | 8.487585 | 2.8507% | 1815 | 0.114554 | 8.729540 | 2.9343% | 1814 |
| 0.111288 | 8.985695 | 3.0231% | 1813 | 0.108022 | 9.257337 | 3.1039% | 1812 |
| 0.104770 | 9.544675 | 3.2172% | 1811 | 0.101505 | 9.851743 | 3.0969% | 1810 |
| 0.098456 | 10.156843 | 2.9144% | 1809 | 0.095668 | 10.452852 | 2.8225% | 1808 |
| 0.093042 | 10.747879 | 2.9199% | 1807 | 0.090402 | 11.061710 | 2.9918% | 1806 |
| 0.087776 | 11.392652 | 3.0841% | 1805 | 0.085150 | 11.744008 | 3.1822% | 1804 |
| 0.082524 | 12.117725 | 3.2868% | 1803 | 0.079898 | 12.516008 | 3.3985% | 1802 |
| 0.077272 | 12.941363 | 3.5180% | 1801 | 0.074646 | 13.396646 | 3.3999% | 1800 |
| 0.072191 | 13.852125 | 2.8419% | 1799 | 0.070196 | 14.245784 | 2.7485% | 1798 |
| 0.068319 | 14.637323 | 2.8261% | 1797 | 0.066441 | 15.050993 | 3.7832% | 1796 |
| 0.064019 | 15.620404 | 2.1272% | 1795 | 0.062685 | 15.952681 | 3.0879% | 1794 |
| 0.060808 | 16.445290 | 3.1625% | 1793 | 0.058944 | 16.965374 | 3.2904% | 1792 |
| 0.057066 | 17.523605 | 3.4024% | 1791 | 0.055188 | 18.119822 | 3.2296% | 1790 |
| 0.053462 | 18.705014 | 41.3145% | 1780 | 0.037832 | 26.432887 | 29.4353% | 1770 |
| 0.029228 | 34.213491 | 83.4728% | 1750 | 0.015931 | 62.772463 | 29.2845% | 1740 |
| 0.012322 | 81.155035 | 94.2514% | 1720 | 0.006343 | 157.644788 | 85.8111% | 1700 |
| 0.003414 | 292.921483 | 19.2490% | 1690 | 0.002863 | 349.306084 | 88.0250% | |
| 1670 | 0.001523 | 656.782842 | | | | | |

BASE YEAR: 1897

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.175572 | 0.239488 | 8.2857% | 2001 | 3.856071 | 0.259331 | 1.0000% |
| 2000 | 3.817892 | 0.261925 | 1.0000% | 1999 | 3.780091 | 0.264544 | 1.0000% |
| 1998 | 3.742664 | 0.267189 | 1.0000% | 1997 | 3.705608 | 0.269861 | 1.0000% |
| 1996 | 3.668919 | 0.272560 | 1.0000% | 1995 | 3.632593 | 0.275285 | 0.9992% |
| 1994 | 3.596654 | 0.278036 | 1.0008% | 1993 | 3.561016 | 0.280819 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.525759 | 0.283627 | 0.9295% | 1991 | 3.493288 | 0.286263 | 1.2505% | 1990 |
| 3.450144 | 0.289843 | 0.7224% | 1989 | 3.425397 | 0.291937 | 1.1077% | 1988 |
| 3.387871 | 0.295171 | 0.8834% | 1987 | 3.358206 | 0.297778 | 0.5594% | 1986 |
| 3.339525 | 0.299444 | 1.3056% | 1985 | 3.296486 | 0.303353 | 0.7673% | 1984 |
| 3.271385 | 0.305681 | 0.8149% | 1983 | 3.244940 | 0.308172 | 0.9737% | 1982 |
| 3.213648 | 0.311173 | 0.9508% | 1981 | 3.183380 | 0.314132 | 0.9031% | 1980 |
| 3.154889 | 0.316968 | 2.2701% | 1979 | 3.084861 | 0.324164 | 1.0042% | 1978 |
| 3.054191 | 0.327419 | 0.9896% | 1977 | 3.024263 | 0.330659 | 0.9103% | 1976 |
| 2.996980 | 0.333669 | 0.8394% | 1975 | 2.972032 | 0.336470 | 0.9042% | 1974 |
| 2.945400 | 0.339512 | 1.1568% | 1973 | 2.911718 | 0.343440 | 0.9427% | 1972 |
| 2.884525 | 0.346677 | 0.7426% | 1971 | 2.863262 | 0.349252 | 1.4697% | 1970 |
| 2.821789 | 0.354385 | 0.6968% | 1969 | 2.802262 | 0.356855 | 0.8565% | 1968 |
| 2.778463 | 0.359911 | 1.5090% | 1967 | 2.737159 | 0.365342 | 0.9949% | 1966 |
| 2.710195 | 0.368977 | 1.0575% | 1965 | 2.681835 | 0.372879 | 1.1300% | 1964 |
| 2.651869 | 0.377093 | 1.5537% | 1963 | 2.611298 | 0.382951 | 1.4658% | 1962 |
| 2.573574 | 0.388565 | 1.5364% | 1961 | 2.534631 | 0.394535 | 2.1586% | 1960 |
| 2.481074 | 0.403051 | -1.6655% | 1959 | 2.523096 | 0.396339 | 4.3080% | 1958 |
| 2.418890 | 0.413413 | 2.1130% | 1957 | 2.368837 | 0.422148 | 1.9895% | 1956 |
| 2.322629 | 0.430547 | 2.1231% | 1955 | 2.274342 | 0.439688 | 1.4496% | 1954 |
| 2.241844 | 0.446061 | 2.1573% | 1953 | 2.194503 | 0.455684 | 1.2298% | 1952 |
| 2.167844 | 0.461288 | 1.6814% | 1951 | 2.131997 | 0.469044 | 1.6233% | 1950 |
| 2.097942 | 0.476658 | 1.4265% | 1949 | 2.068435 | 0.483457 | 1.7790% | 1948 |
| 2.032280 | 0.492058 | 1.8242% | 1947 | 1.995872 | 0.501034 | -2.6320% | 1946 |
| 2.049824 | 0.487847 | 3.1768% | 1945 | 1.986710 | 0.503345 | 6.4754% | 1944 |
| 1.865886 | 0.535938 | -0.3437% | 1943 | 1.872321 | 0.534096 | 0.6562% | 1942 |
| 1.860115 | 0.537601 | 0.6633% | 1941 | 1.847858 | 0.541167 | -5.6614% | 1940 |
| 1.958751 | 0.510529 | 8.0381% | 1939 | 1.813019 | 0.551566 | 0.8126% | 1938 |
| 1.798404 | 0.556049 | 0.7762% | 1937 | 1.784552 | 0.560365 | 0.6029% | 1936 |
| 1.773858 | 0.563743 | 0.5244% | 1935 | 1.764604 | 0.566699 | -3.0364% | 1934 |
| 1.819862 | 0.549492 | 4.6271% | 1933 | 1.739379 | 0.574918 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.715497 | 0.582922 | -0.2051% | 1931 | 1.719022 | 0.581726 | 0.8886% | 1930 |
| 1.703882 | 0.586895 | 1.0126% | 1929 | 1.686801 | 0.592838 | 1.1526% | 1928 |
| 1.667581 | 0.599671 | 1.2160% | 1927 | 1.647547 | 0.606963 | 1.4086% | 1926 |
| 1.624662 | 0.615513 | 1.7667% | 1925 | 1.596458 | 0.626387 | 1.4465% | 1924 |
| 1.573694 | 0.635448 | 1.7700% | 1923 | 1.546325 | 0.646695 | 1.6165% | 1922 |
| 1.521726 | 0.657149 | 1.3736% | 1921 | 1.501106 | 0.666176 | 2.3393% | 1920 |
| 1.466793 | 0.681760 | 1.3140% | 1919 | 1.447769 | 0.690718 | 0.7676% | 1918 |
| 1.436740 | 0.696020 | 0.3870% | 1917 | 1.431201 | 0.698714 | 1.3274% | 1916 |
| 1.412452 | 0.707989 | 1.4083% | 1915 | 1.392837 | 0.717959 | 1.4458% | 1914 |
| 1.372986 | 0.728339 | 1.9424% | 1913 | 1.346826 | 0.742487 | 1.9857% | 1912 |
| 1.320603 | 0.757230 | 1.5634% | 1911 | 1.300274 | 0.769069 | 1.8169% | 1910 |
| 1.277071 | 0.783042 | 1.8781% | 1909 | 1.253529 | 0.797748 | 2.0082% | 1908 |
| 1.228851 | 0.813769 | 1.9603% | 1907 | 1.205225 | 0.829720 | 1.8264% | 1906 |
| 1.183608 | 0.844874 | 1.9357% | 1905 | 1.161133 | 0.861228 | 2.0148% | 1904 |
| 1.138200 | 0.878580 | 2.1335% | 1903 | 1.114423 | 0.897325 | 1.8151% | 1902 |
| 1.094555 | 0.913613 | 1.8943% | 1901 | 1.074206 | 0.930920 | 3.0255% | 1900 |
| 1.042660 | 0.959085 | 0.6278% | 1899 | 1.036155 | 0.965106 | 1.7757% | 1898 |
| 1.018078 | 0.982243 | 1.8078% | 1897 | 1.000000 | 1.000000 | 1.8396% | 1896 |
| 0.981936 | 1.018396 | 1.8755% | 1895 | 0.963859 | 1.037496 | 1.9114% | 1894 |
| 0.945781 | 1.057327 | 1.9486% | 1893 | 0.927704 | 1.077930 | 1.9858% | 1892 |
| 0.909640 | 1.099336 | 2.0276% | 1891 | 0.891562 | 1.121626 | 2.6465% | 1890 |
| 0.868575 | 1.151310 | 1.5328% | 1889 | 0.855463 | 1.168958 | 2.0811% | 1888 |
| 0.838022 | 1.193286 | 2.1599% | 1887 | 0.820305 | 1.219059 | 2.2075% | 1886 |
| 0.802588 | 1.245970 | 2.2592% | 1885 | 0.784856 | 1.274118 | 2.3095% | 1884 |
| 0.767139 | 1.303545 | 2.3641% | 1883 | 0.749422 | 1.334362 | 2.4214% | 1882 |
| 0.731704 | 1.366672 | 2.4815% | 1881 | 0.713987 | 1.400586 | 3.7644% | 1880 |
| 0.688085 | 1.453310 | 0.9432% | 1879 | 0.681655 | 1.467018 | 2.1464% | 1878 |
| 0.667332 | 1.498505 | 2.1913% | 1877 | 0.653022 | 1.531342 | 2.2426% | 1876 |
| 0.638698 | 1.565684 | 2.2941% | 1875 | 0.624375 | 1.601602 | 2.3456% | 1874 |
| 0.610065 | 1.639169 | 2.4043% | 1873 | 0.595742 | 1.678580 | 2.4635% | 1872 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.581418 | 1.719932 | 2.5258% | 1871 | 0.567095 | 1.763374 | 5.9947% | 1870 |
| 0.535022 | 1.869082 | -1.0968% | 1869 | 0.540955 | 1.848583 | 2.1930% | 1868 |
| 0.529347 | 1.889122 | 2.2394% | 1867 | 0.517752 | 1.931427 | 2.2935% | 1866 |
| 0.506144 | 1.975724 | 2.3445% | 1865 | 0.494549 | 2.022044 | 2.4037% | 1864 |
| 0.482941 | 2.070648 | 2.4599% | 1863 | 0.471346 | 2.121583 | 2.5250% | 1862 |
| 0.459738 | 2.175154 | 2.5872% | 1861 | 0.448143 | 2.231430 | 2.9504% | 1860 |
| 0.435300 | 2.297267 | 2.4012% | 1859 | 0.425092 | 2.352429 | 2.7627% | 1858 |
| 0.413664 | 2.417420 | 2.8412% | 1857 | 0.402236 | 2.486104 | 2.9243% | 1856 |
| 0.390807 | 2.558805 | 3.0161% | 1855 | 0.379365 | 2.635982 | 3.1061% | 1854 |
| 0.367937 | 2.717857 | 3.2056% | 1853 | 0.356509 | 2.804981 | 3.3118% | 1852 |
| 0.345080 | 2.897876 | 3.4252% | 1851 | 0.333652 | 2.997135 | 4.0106% | 1850 |
| 0.320786 | 3.117339 | 2.3254% | 1849 | 0.313497 | 3.189828 | 2.7841% | 1848 |
| 0.305005 | 3.278636 | 2.8590% | 1847 | 0.296527 | 3.372372 | 2.9432% | 1846 |
| 0.288049 | 3.471626 | 3.0324% | 1845 | 0.279572 | 3.576900 | 3.1325% | 1844 |
| 0.271080 | 3.688947 | 3.2284% | 1843 | 0.262602 | 3.808039 | 3.3361% | 1842 |
| 0.254125 | 3.935078 | 3.4512% | 1841 | 0.245647 | 4.070885 | 3.8105% | 1840 |
| 0.236630 | 4.226005 | 2.3861% | 1839 | 0.231116 | 4.326840 | 2.5824% | 1838 |
| 0.225297 | 4.438576 | 2.6573% | 1837 | 0.219466 | 4.556523 | 2.7232% | 1836 |
| 0.213648 | 4.680607 | 2.7994% | 1835 | 0.207829 | 4.811638 | 2.8871% | 1834 |
| 0.201998 | 4.950555 | 2.9657% | 1833 | 0.196179 | 5.097373 | 3.0563% | 1832 |
| 0.190361 | 5.253165 | 3.1604% | 1831 | 0.184529 | 5.419188 | 3.4660% | 1830 |
| 0.178348 | 5.607015 | 2.4653% | 1829 | 0.174057 | 5.745245 | 2.6804% | 1828 |
| 0.169513 | 5.899240 | 10.3427% | 1827 | 0.153625 | 6.509378 | -4.2314% | 1826 |
| 0.160412 | 6.233938 | 2.9150% | 1825 | 0.155869 | 6.415659 | 3.0026% | 1824 |
| 0.151325 | 6.608294 | 3.0955% | 1823 | 0.146781 | 6.812854 | 3.1944% | 1822 |
| 0.142238 | 7.030483 | 3.3102% | 1821 | 0.137680 | 7.263206 | 3.2277% | 1820 |
| 0.133375 | 7.497643 | 2.6573% | 1819 | 0.129923 | 7.696876 | 2.6261% | 1818 |
| 0.126598 | 7.899004 | 2.6969% | 1817 | 0.123274 | 8.112035 | 2.7717% | 1816 |
| 0.119949 | 8.336875 | 2.8507% | 1815 | 0.116624 | 8.574534 | 2.9343% | 1814 |
| 0.113300 | 8.826140 | 3.0231% | 1813 | 0.109975 | 9.092959 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.106664 | 9.375195 | 3.2172% | 1811 | 0.103340 | 9.676810 | 3.0969% | 1810 |
| 0.100236 | 9.976492 | 2.9144% | 1809 | 0.097397 | 10.267245 | 2.8225% | 1808 |
| 0.094724 | 10.557034 | 2.9199% | 1807 | 0.092036 | 10.865292 | 2.9918% | 1806 |
| 0.089363 | 11.190358 | 3.0841% | 1805 | 0.086689 | 11.535475 | 3.1822% | 1804 |
| 0.084016 | 11.902556 | 3.2868% | 1803 | 0.081342 | 12.293767 | 3.3985% | 1802 |
| 0.078668 | 12.711569 | 3.5180% | 1801 | 0.075995 | 13.158768 | 3.3999% | 1800 |
| 0.073496 | 13.606159 | 2.8419% | 1799 | 0.071465 | 13.992828 | 2.7485% | 1798 |
| 0.069554 | 14.377415 | 2.8261% | 1797 | 0.067642 | 14.783740 | 3.7832% | 1796 |
| 0.065176 | 15.343039 | 2.1272% | 1795 | 0.063819 | 15.669416 | 3.0879% | 1794 |
| 0.061907 | 16.153278 | 3.1625% | 1793 | 0.060009 | 16.664127 | 3.2904% | 1792 |
| 0.058097 | 17.212446 | 3.4024% | 1791 | 0.056186 | 17.798077 | 3.2296% | 1790 |
| 0.054428 | 18.372877 | 41.3145% | 1780 | 0.038516 | 25.963530 | 29.4353% | 1770 |
| 0.029757 | 33.605977 | 83.4728% | 1750 | 0.016219 | 61.657841 | 29.2845% | 1740 |
| 0.012545 | 79.714002 | 94.2514% | 1720 | 0.006458 | 154.845560 | 85.8111% | 1700 |
| 0.003476 | 287.720207 | 19.2490% | 1690 | 0.002915 | 343.103612 | 88.0250% | 1670 |
| 0.001550 | 645.120643 | | | | | | |

BASE YEAR: 1896

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.252386 | 0.235162 | 8.2857% | 2001 | 3.927007 | 0.254647 | 1.0000% |
| 2000 | 3.888125 | 0.257193 | 1.0000% | 1999 | 3.849629 | 0.259765 | 1.0000% |
| 1998 | 3.811514 | 0.262363 | 1.0000% | 1997 | 3.773776 | 0.264987 | 1.0000% |
| 1996 | 3.736412 | 0.267636 | 1.0000% | 1995 | 3.699418 | 0.270313 | 0.9992% |
| 1994 | 3.662818 | 0.273014 | 1.0008% | 1993 | 3.626525 | 0.275746 | 1.0000% |
| 1992 | 3.590619 | 0.278504 | 0.9295% | 1991 | 3.557551 | 0.281092 | 1.2505% |
| 1990 | 3.513613 | 0.284607 | 0.7224% | 1989 | 3.488411 | 0.286663 | 1.1077% |
| 1988 | 3.450194 | 0.289839 | 0.8834% | 1987 | 3.419983 | 0.292399 | 0.5594% |
| 1986 | 3.400959 | 0.294035 | 1.3056% | 1985 | 3.357128 | 0.297874 | 0.7673% |
| 1984 | 3.331565 | 0.300159 | 0.8149% | 1983 | 3.304634 | 0.302605 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.272766 | 0.305552 | 0.9508% | 1981 | 3.241941 | 0.308457 | 0.9031% | 1980 |
| 3.212926 | 0.311243 | 2.2701% | 1979 | 3.141610 | 0.318308 | 1.0042% | 1978 |
| 3.110376 | 0.321505 | 0.9896% | 1977 | 3.079897 | 0.324686 | 0.9103% | 1976 |
| 3.052113 | 0.327642 | 0.8394% | 1975 | 3.026705 | 0.330392 | 0.9042% | 1974 |
| 2.999584 | 0.333380 | 1.1568% | 1973 | 2.965282 | 0.337236 | 0.9427% | 1972 |
| 2.937589 | 0.340415 | 0.7426% | 1971 | 2.915934 | 0.342943 | 1.4697% | 1970 |
| 2.873698 | 0.347984 | 0.6968% | 1969 | 2.853813 | 0.350408 | 0.8565% | 1968 |
| 2.829576 | 0.353410 | 1.5090% | 1967 | 2.787511 | 0.358743 | 0.9949% | 1966 |
| 2.760051 | 0.362312 | 1.0575% | 1965 | 2.731170 | 0.366143 | 1.1300% | 1964 |
| 2.700652 | 0.370281 | 1.5537% | 1963 | 2.659336 | 0.376034 | 1.4658% | 1962 |
| 2.620918 | 0.381546 | 1.5364% | 1961 | 2.581258 | 0.387408 | 2.1586% | 1960 |
| 2.526716 | 0.395771 | -1.6655% | 1959 | 2.569510 | 0.389179 | 4.3080% | 1958 |
| 2.463388 | 0.405945 | 2.1130% | 1957 | 2.412414 | 0.414522 | 1.9895% | 1956 |
| 2.365356 | 0.422769 | 2.1231% | 1955 | 2.316181 | 0.431745 | 1.4496% | 1954 |
| 2.283085 | 0.438004 | 2.1573% | 1953 | 2.234873 | 0.447453 | 1.2298% | 1952 |
| 2.207724 | 0.452955 | 1.6814% | 1951 | 2.171217 | 0.460571 | 1.6233% | 1950 |
| 2.136536 | 0.468047 | 1.4265% | 1949 | 2.106486 | 0.474724 | 1.7790% | 1948 |
| 2.069666 | 0.483170 | 1.8242% | 1947 | 2.032588 | 0.491984 | -2.6320% | 1946 |
| 2.087533 | 0.479034 | 3.1768% | 1945 | 2.023258 | 0.494252 | 6.4754% | 1944 |
| 1.900211 | 0.526257 | -0.3437% | 1943 | 1.906764 | 0.524449 | 0.6562% | 1942 |
| 1.894333 | 0.527890 | 0.6633% | 1941 | 1.881851 | 0.531392 | -5.6614% | 1940 |
| 1.994784 | 0.501307 | 8.0381% | 1939 | 1.846371 | 0.541603 | 0.8126% | 1938 |
| 1.831488 | 0.546004 | 0.7762% | 1937 | 1.817380 | 0.550243 | 0.6029% | 1936 |
| 1.806489 | 0.553560 | 0.5244% | 1935 | 1.797066 | 0.556463 | -3.0364% | 1934 |
| 1.853340 | 0.539566 | 4.6271% | 1933 | 1.771376 | 0.564533 | 1.3921% | 1932 |
| 1.747055 | 0.572392 | -0.2051% | 1931 | 1.750645 | 0.571218 | 0.8886% | 1930 |
| 1.735226 | 0.576294 | 1.0126% | 1929 | 1.717832 | 0.582129 | 1.1526% | 1928 |
| 1.698258 | 0.588839 | 1.2160% | 1927 | 1.677855 | 0.595999 | 1.4086% | 1926 |
| 1.654549 | 0.604394 | 1.7667% | 1925 | 1.625826 | 0.615072 | 1.4465% | 1924 |
| 1.602644 | 0.623969 | 1.7700% | 1923 | 1.574771 | 0.635013 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.549719 | 0.645278 | 1.3736% | 1921 | 1.528720 | 0.654142 | 2.3393% | 1920 |
| 1.493776 | 0.669444 | 1.3140% | 1919 | 1.474402 | 0.678241 | 0.7676% | 1918 |
| 1.463170 | 0.683447 | 0.3870% | 1917 | 1.457530 | 0.686092 | 1.3274% | 1916 |
| 1.438435 | 0.695200 | 1.4083% | 1915 | 1.418459 | 0.704990 | 1.4458% | 1914 |
| 1.398244 | 0.715183 | 1.9424% | 1913 | 1.371602 | 0.729075 | 1.9857% | 1912 |
| 1.344897 | 0.743552 | 1.5634% | 1911 | 1.324194 | 0.755176 | 1.8169% | 1910 |
| 1.300564 | 0.768897 | 1.8781% | 1909 | 1.276589 | 0.783338 | 2.0082% | 1908 |
| 1.251457 | 0.799069 | 1.9603% | 1907 | 1.227396 | 0.814733 | 1.8264% | 1906 |
| 1.205382 | 0.829613 | 1.9357% | 1905 | 1.182493 | 0.845671 | 2.0148% | 1904 |
| 1.159138 | 0.862710 | 2.1335% | 1903 | 1.134924 | 0.881116 | 1.8151% | 1902 |
| 1.114691 | 0.897110 | 1.8943% | 1901 | 1.093967 | 0.914104 | 3.0255% | 1900 |
| 1.061841 | 0.941760 | 0.6278% | 1899 | 1.055216 | 0.947673 | 1.7757% | 1898 |
| 1.036806 | 0.964501 | 1.8078% | 1897 | 1.018396 | 0.981936 | 1.8396% | 1896 |
| 1.000000 | 1.000000 | 1.8755% | 1895 | 0.981590 | 1.018755 | 1.9114% | 1894 |
| 0.963180 | 1.038228 | 1.9486% | 1893 | 0.944770 | 1.058459 | 1.9858% | 1892 |
| 0.926374 | 1.079478 | 2.0276% | 1891 | 0.907964 | 1.101366 | 2.6465% | 1890 |
| 0.884554 | 1.130514 | 1.5328% | 1889 | 0.871200 | 1.147842 | 2.0811% | 1888 |
| 0.853439 | 1.171730 | 2.1599% | 1887 | 0.835395 | 1.197038 | 2.2075% | 1886 |
| 0.817352 | 1.223463 | 2.2592% | 1885 | 0.799295 | 1.251103 | 2.3095% | 1884 |
| 0.781251 | 1.279998 | 2.3641% | 1883 | 0.763208 | 1.310259 | 2.4214% | 1882 |
| 0.745165 | 1.341985 | 2.4815% | 1881 | 0.727121 | 1.375286 | 3.7644% | 1880 |
| 0.700743 | 1.427057 | 0.9432% | 1879 | 0.694195 | 1.440518 | 2.1464% | 1878 |
| 0.679608 | 1.471437 | 2.1913% | 1877 | 0.665035 | 1.503680 | 2.2426% | 1876 |
| 0.650448 | 1.537402 | 2.2941% | 1875 | 0.635861 | 1.572671 | 2.3456% | 1874 |
| 0.621288 | 1.609559 | 2.4043% | 1873 | 0.606701 | 1.648258 | 2.4635% | 1872 |
| 0.592114 | 1.688864 | 2.5258% | 1871 | 0.577527 | 1.731521 | 5.9947% | 1870 |
| 0.544864 | 1.835320 | -1.0968% | 1869 | 0.550906 | 1.815190 | 2.1930% | 1868 |
| 0.539084 | 1.854997 | 2.2394% | 1867 | 0.527277 | 1.896538 | 2.2935% | 1866 |
| 0.515455 | 1.940035 | 2.3445% | 1865 | 0.503647 | 1.985519 | 2.4037% | 1864 |
| 0.491825 | 2.033244 | 2.4599% | 1863 | 0.480017 | 2.083260 | 2.5250% | 1862 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.468195 | 2.135862 | 2.5872% | 1861 | 0.456387 | 2.191122 | 2.9504% | 1860 |
| 0.443308 | 2.255769 | 2.4012% | 1859 | 0.432912 | 2.309936 | 2.7627% | 1858 |
| 0.421274 | 2.373753 | 2.8412% | 1857 | 0.409635 | 2.441196 | 2.9243% | 1856 |
| 0.397997 | 2.512583 | 3.0161% | 1855 | 0.386344 | 2.588366 | 3.1061% | 1854 |
| 0.374706 | 2.668762 | 3.2056% | 1853 | 0.363067 | 2.754313 | 3.3118% | 1852 |
| 0.351428 | 2.845530 | 3.4252% | 1851 | 0.339790 | 2.942996 | 4.0106% | 1850 |
| 0.326688 | 3.061028 | 2.3254% | 1849 | 0.319264 | 3.132208 | 2.7841% | 1848 |
| 0.310616 | 3.219411 | 2.8590% | 1847 | 0.301982 | 3.311455 | 2.9432% | 1846 |
| 0.293348 | 3.408916 | 3.0324% | 1845 | 0.284715 | 3.512288 | 3.1325% | 1844 |
| 0.276067 | 3.622311 | 3.2284% | 1843 | 0.267433 | 3.739252 | 3.3361% | 1842 |
| 0.258799 | 3.863996 | 3.4512% | 1841 | 0.250166 | 3.997350 | 3.8105% | 1840 |
| 0.240983 | 4.149668 | 2.3861% | 1839 | 0.235367 | 4.248681 | 2.5824% | 1838 |
| 0.229442 | 4.358399 | 2.6573% | 1837 | 0.223503 | 4.474216 | 2.7232% | 1836 |
| 0.217578 | 4.596058 | 2.7994% | 1835 | 0.211653 | 4.724722 | 2.8871% | 1834 |
| 0.205713 | 4.861130 | 2.9657% | 1833 | 0.199788 | 5.005296 | 3.0563% | 1832 |
| 0.193863 | 5.158274 | 3.1604% | 1831 | 0.187924 | 5.321297 | 3.4660% | 1830 |
| 0.181629 | 5.505732 | 2.4653% | 1829 | 0.177259 | 5.641464 | 2.6804% | 1828 |
| 0.172632 | 5.792678 | 10.3427% | 1827 | 0.156451 | 6.391794 | -4.2314% | 1826 |
| 0.163363 | 6.121330 | 2.9150% | 1825 | 0.158736 | 6.299769 | 3.0026% | 1824 |
| 0.154109 | 6.488923 | 3.0955% | 1823 | 0.149482 | 6.689789 | 3.1944% | 1822 |
| 0.144854 | 6.903487 | 3.3102% | 1821 | 0.140213 | 7.132005 | 3.2277% | 1820 |
| 0.135829 | 7.362208 | 2.6573% | 1819 | 0.132313 | 7.557842 | 2.6261% | 1818 |
| 0.128927 | 7.756319 | 2.6969% | 1817 | 0.125541 | 7.965502 | 2.7717% | 1816 |
| 0.122156 | 8.186280 | 2.8507% | 1815 | 0.118770 | 8.419646 | 2.9343% | 1814 |
| 0.115384 | 8.666707 | 3.0231% | 1813 | 0.111998 | 8.928706 | 3.1039% | 1812 |
| 0.108627 | 9.205844 | 3.2172% | 1811 | 0.105241 | 9.502011 | 3.0969% | 1810 |
| 0.102080 | 9.796280 | 2.9144% | 1809 | 0.099189 | 10.081781 | 2.8225% | 1808 |
| 0.096466 | 10.366335 | 2.9199% | 1807 | 0.093729 | 10.669025 | 2.9918% | 1806 |
| 0.091007 | 10.988219 | 3.0841% | 1805 | 0.088284 | 11.327101 | 3.1822% | 1804 |
| 0.085561 | 11.687552 | 3.2868% | 1803 | 0.082838 | 12.071696 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.080116 | 12.481951 | 3.5180% | 1801 | 0.077393 | 12.921072 | 3.3999% | 1800 |
| 0.074848 | 13.360381 | 2.8419% | 1799 | 0.072780 | 13.740066 | 2.7485% | 1798 |
| 0.070833 | 14.117706 | 2.8261% | 1797 | 0.068886 | 14.516691 | 3.7832% | 1796 |
| 0.066375 | 15.065887 | 2.1272% | 1795 | 0.064993 | 15.386369 | 3.0879% | 1794 |
| 0.063046 | 15.861490 | 3.1625% | 1793 | 0.061113 | 16.363112 | 3.2904% | 1792 |
| 0.059166 | 16.901526 | 3.4024% | 1791 | 0.057219 | 17.476578 | 3.2296% | 1790 |
| 0.055429 | 18.040995 | 41.3145% | 1780 | 0.039224 | 25.494533 | 29.4353% | 1770 |
| 0.030304 | 32.998929 | 83.4728% | 1750 | 0.016517 | 60.544072 | 29.2845% | 1740 |
| 0.012776 | 78.274072 | 94.2514% | 1720 | 0.006577 | 152.048477 | 85.8111% | 1700 |
| 0.003540 | 282.522917 | 19.2490% | 1690 | 0.002968 | 336.905894 | 88.0250% | 1670 |
| 0.001579 | 633.467382 | | | | | | |

BASE YEAR: 1895

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.332141 | 0.230833 | 8.2857% | 2001 | 4.000660 | 0.249959 | 1.0000% |
| 2000 | 3.961049 | 0.252458 | 1.0000% | 1999 | 3.921830 | 0.254983 | 1.0000% |
| 1998 | 3.883000 | 0.257533 | 1.0000% | 1997 | 3.844555 | 0.260108 | 1.0000% |
| 1996 | 3.806490 | 0.262709 | 1.0000% | 1995 | 3.768802 | 0.265336 | 0.9992% |
| 1994 | 3.731516 | 0.267988 | 1.0008% | 1993 | 3.694542 | 0.270670 | 1.0000% |
| 1992 | 3.657962 | 0.273376 | 0.9295% | 1991 | 3.624274 | 0.275917 | 1.2505% |
| 1990 | 3.579512 | 0.279368 | 0.7224% | 1989 | 3.553837 | 0.281386 | 1.1077% |
| 1988 | 3.514904 | 0.284503 | 0.8834% | 1987 | 3.484126 | 0.287016 | 0.5594% |
| 1986 | 3.464746 | 0.288621 | 1.3056% | 1985 | 3.420092 | 0.292390 | 0.7673% |
| 1984 | 3.394050 | 0.294633 | 0.8149% | 1983 | 3.366614 | 0.297034 | 0.9737% |
| 1982 | 3.334148 | 0.299927 | 0.9508% | 1981 | 3.302745 | 0.302778 | 0.9031% |
| 1980 | 3.273186 | 0.305513 | 2.2701% | 1979 | 3.200532 | 0.312448 | 1.0042% |
| 1978 | 3.168712 | 0.315586 | 0.9896% | 1977 | 3.137662 | 0.318709 | 0.9103% |
| 1976 | 3.109356 | 0.321610 | 0.8394% | 1975 | 3.083472 | 0.324310 | 0.9042% |
| 1974 | 3.055842 | 0.327242 | 1.1568% | 1973 | 3.020897 | 0.331028 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.992685 | 0.334148 | 0.7426% | 1971 | 2.970624 | 0.336630 | 1.4697% | 1970 |
| 2.927596 | 0.341577 | 0.6968% | 1969 | 2.907337 | 0.343957 | 0.8565% | 1968 |
| 2.882646 | 0.346904 | 1.5090% | 1967 | 2.839792 | 0.352138 | 0.9949% | 1966 |
| 2.811817 | 0.355642 | 1.0575% | 1965 | 2.782394 | 0.359403 | 1.1300% | 1964 |
| 2.751304 | 0.363464 | 1.5537% | 1963 | 2.709212 | 0.369111 | 1.4658% | 1962 |
| 2.670074 | 0.374521 | 1.5364% | 1961 | 2.629671 | 0.380276 | 2.1586% | 1960 |
| 2.574105 | 0.388485 | -1.6655% | 1959 | 2.617703 | 0.382014 | 4.3080% | 1958 |
| 2.509590 | 0.398472 | 2.1130% | 1957 | 2.457660 | 0.406891 | 1.9895% | 1956 |
| 2.409719 | 0.414986 | 2.1231% | 1955 | 2.359622 | 0.423797 | 1.4496% | 1954 |
| 2.325905 | 0.429940 | 2.1573% | 1953 | 2.276789 | 0.439215 | 1.2298% | 1952 |
| 2.249130 | 0.444616 | 1.6814% | 1951 | 2.211939 | 0.452092 | 1.6233% | 1950 |
| 2.176607 | 0.459431 | 1.4265% | 1949 | 2.145994 | 0.465985 | 1.7790% | 1948 |
| 2.108483 | 0.474275 | 1.8242% | 1947 | 2.070710 | 0.482926 | -2.6320% | 1946 |
| 2.126685 | 0.470215 | 3.1768% | 1945 | 2.061205 | 0.485153 | 6.4754% | 1944 |
| 1.935850 | 0.516569 | -0.3437% | 1943 | 1.942526 | 0.514794 | 0.6562% | 1942 |
| 1.929862 | 0.518172 | 0.6633% | 1941 | 1.917146 | 0.521609 | -5.6614% | 1940 |
| 2.032197 | 0.492078 | 8.0381% | 1939 | 1.881000 | 0.531632 | 0.8126% | 1938 |
| 1.865838 | 0.535952 | 0.7762% | 1937 | 1.851466 | 0.540113 | 0.6029% | 1936 |
| 1.840371 | 0.543369 | 0.5244% | 1935 | 1.830770 | 0.546218 | -3.0364% | 1934 |
| 1.888100 | 0.529633 | 4.6271% | 1933 | 1.804599 | 0.554140 | 1.3921% | 1932 |
| 1.779822 | 0.561854 | -0.2051% | 1931 | 1.783479 | 0.560702 | 0.8886% | 1930 |
| 1.767771 | 0.565684 | 1.0126% | 1929 | 1.750050 | 0.571412 | 1.1526% | 1928 |
| 1.730109 | 0.577998 | 1.2160% | 1927 | 1.709324 | 0.585027 | 1.4086% | 1926 |
| 1.685581 | 0.593267 | 1.7667% | 1925 | 1.656319 | 0.603748 | 1.4465% | 1924 |
| 1.632702 | 0.612482 | 1.7700% | 1923 | 1.604306 | 0.623322 | 1.6165% | 1922 |
| 1.578785 | 0.633399 | 1.3736% | 1921 | 1.557392 | 0.642099 | 2.3393% | 1920 |
| 1.521792 | 0.657120 | 1.3140% | 1919 | 1.502055 | 0.665754 | 0.7676% | 1918 |
| 1.490613 | 0.670865 | 0.3870% | 1917 | 1.484866 | 0.673461 | 1.3274% | 1916 |
| 1.465414 | 0.682401 | 1.4083% | 1915 | 1.445063 | 0.692011 | 1.4458% | 1914 |
| 1.424468 | 0.702016 | 1.9424% | 1913 | 1.397327 | 0.715652 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.370121 | 0.729863 | 1.5634% | 1911 | 1.349030 | 0.741273 | 1.8169% | 1910 |
| 1.324957 | 0.754742 | 1.8781% | 1909 | 1.300532 | 0.768916 | 2.0082% | 1908 |
| 1.274928 | 0.784358 | 1.9603% | 1907 | 1.250417 | 0.799733 | 1.8264% | 1906 |
| 1.227989 | 0.814339 | 1.9357% | 1905 | 1.204671 | 0.830102 | 2.0148% | 1904 |
| 1.180878 | 0.846827 | 2.1335% | 1903 | 1.156210 | 0.864895 | 1.8151% | 1902 |
| 1.135597 | 0.880594 | 1.8943% | 1901 | 1.114485 | 0.897275 | 3.0255% | 1900 |
| 1.081757 | 0.924422 | 0.6278% | 1899 | 1.075007 | 0.930226 | 1.7757% | 1898 |
| 1.056252 | 0.946744 | 1.8078% | 1897 | 1.037496 | 0.963859 | 1.8396% | 1896 |
| 1.018755 | 0.981590 | 1.8755% | 1895 | 1.000000 | 1.000000 | 1.9114% | 1894 |
| 0.981245 | 1.019114 | 1.9486% | 1893 | 0.962489 | 1.038973 | 1.9858% | 1892 |
| 0.943748 | 1.059605 | 2.0276% | 1891 | 0.924993 | 1.081089 | 2.6465% | 1890 |
| 0.901144 | 1.109701 | 1.5328% | 1889 | 0.887540 | 1.126710 | 2.0811% | 1888 |
| 0.869445 | 1.150159 | 2.1599% | 1887 | 0.851064 | 1.175000 | 2.2075% | 1886 |
| 0.832682 | 1.200939 | 2.2592% | 1885 | 0.814286 | 1.228070 | 2.3095% | 1884 |
| 0.795904 | 1.256433 | 2.3641% | 1883 | 0.777522 | 1.286137 | 2.4214% | 1882 |
| 0.759141 | 1.317279 | 2.4815% | 1881 | 0.740759 | 1.349967 | 3.7644% | 1880 |
| 0.713885 | 1.400785 | 0.9432% | 1879 | 0.707215 | 1.413998 | 2.1464% | 1878 |
| 0.692354 | 1.444348 | 2.1913% | 1877 | 0.677508 | 1.475998 | 2.2426% | 1876 |
| 0.662647 | 1.509098 | 2.2941% | 1875 | 0.647787 | 1.543718 | 2.3456% | 1874 |
| 0.632941 | 1.579927 | 2.4043% | 1873 | 0.618080 | 1.617914 | 2.4635% | 1872 |
| 0.603219 | 1.657772 | 2.5258% | 1871 | 0.588359 | 1.699643 | 5.9947% | 1870 |
| 0.555083 | 1.801531 | -1.0968% | 1869 | 0.561239 | 1.781773 | 2.1930% | 1868 |
| 0.549195 | 1.820846 | 2.2394% | 1867 | 0.537166 | 1.861622 | 2.2935% | 1866 |
| 0.525122 | 1.904319 | 2.3445% | 1865 | 0.513093 | 1.948965 | 2.4037% | 1864 |
| 0.501049 | 1.995812 | 2.4599% | 1863 | 0.489020 | 2.044907 | 2.5250% | 1862 |
| 0.476976 | 2.096541 | 2.5872% | 1861 | 0.464947 | 2.150784 | 2.9504% | 1860 |
| 0.451622 | 2.214240 | 2.4012% | 1859 | 0.441032 | 2.267410 | 2.7627% | 1858 |
| 0.429175 | 2.330052 | 2.8412% | 1857 | 0.417318 | 2.396253 | 2.9243% | 1856 |
| 0.405461 | 2.466326 | 3.0161% | 1855 | 0.393590 | 2.540714 | 3.1061% | 1854 |
| 0.381733 | 2.619630 | 3.2056% | 1853 | 0.369876 | 2.703606 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.358020 | 2.793144 | 3.4252% | 1851 | 0.346163 | 2.888815 | 4.0106% | 1850 |
| 0.332815 | 3.004674 | 2.3254% | 1849 | 0.325252 | 3.074544 | 2.7841% | 1848 |
| 0.316442 | 3.160142 | 2.8590% | 1847 | 0.307646 | 3.250491 | 2.9432% | 1846 |
| 0.298850 | 3.346158 | 3.0324% | 1845 | 0.290055 | 3.447627 | 3.1325% | 1844 |
| 0.281245 | 3.555624 | 3.2284% | 1843 | 0.272449 | 3.670412 | 3.3361% | 1842 |
| 0.263653 | 3.792859 | 3.4512% | 1841 | 0.254858 | 3.923758 | 3.8105% | 1840 |
| 0.245503 | 4.073272 | 2.3861% | 1839 | 0.239782 | 4.170463 | 2.5824% | 1838 |
| 0.233745 | 4.278160 | 2.6573% | 1837 | 0.227695 | 4.391845 | 2.7232% | 1836 |
| 0.221659 | 4.511444 | 2.7994% | 1835 | 0.215622 | 4.637739 | 2.8871% | 1834 |
| 0.209572 | 4.771636 | 2.9657% | 1833 | 0.203535 | 4.913148 | 3.0563% | 1832 |
| 0.197499 | 5.063310 | 3.1604% | 1831 | 0.191449 | 5.223332 | 3.4660% | 1830 |
| 0.185035 | 5.404370 | 2.4653% | 1829 | 0.180584 | 5.537604 | 2.6804% | 1828 |
| 0.175870 | 5.686034 | 10.3427% | 1827 | 0.159385 | 6.274121 | -4.2314% | 1826 |
| 0.166427 | 6.008636 | 2.9150% | 1825 | 0.161713 | 6.183790 | 3.0026% | 1824 |
| 0.156999 | 6.369462 | 3.0955% | 1823 | 0.152285 | 6.566629 | 3.1944% | 1822 |
| 0.147571 | 6.776393 | 3.3102% | 1821 | 0.142843 | 7.000704 | 3.2277% | 1820 |
| 0.138376 | 7.226669 | 2.6573% | 1819 | 0.134794 | 7.418701 | 2.6261% | 1818 |
| 0.131345 | 7.613524 | 2.6969% | 1817 | 0.127896 | 7.818856 | 2.7717% | 1816 |
| 0.124447 | 8.035570 | 2.8507% | 1815 | 0.120997 | 8.264640 | 2.9343% | 1814 |
| 0.117548 | 8.507152 | 3.0231% | 1813 | 0.114099 | 8.764328 | 3.1039% | 1812 |
| 0.110664 | 9.036364 | 3.2172% | 1811 | 0.107215 | 9.327078 | 3.0969% | 1810 |
| 0.103994 | 9.615929 | 2.9144% | 1809 | 0.101049 | 9.896174 | 2.8225% | 1808 |
| 0.098275 | 10.175490 | 2.9199% | 1807 | 0.095487 | 10.472607 | 2.9918% | 1806 |
| 0.092713 | 10.785925 | 3.0841% | 1805 | 0.089940 | 11.118568 | 3.1822% | 1804 |
| 0.087166 | 11.472383 | 3.2868% | 1803 | 0.084392 | 11.849455 | 3.3985% | 1802 |
| 0.081618 | 12.252157 | 3.5180% | 1801 | 0.078844 | 12.683194 | 3.3999% | 1800 |
| 0.076252 | 13.114415 | 2.8419% | 1799 | 0.074145 | 13.487110 | 2.7485% | 1798 |
| 0.072162 | 13.857797 | 2.8261% | 1797 | 0.070178 | 14.249437 | 3.7832% | 1796 |
| 0.067620 | 14.788523 | 2.1272% | 1795 | 0.066212 | 15.103104 | 3.0879% | 1794 |
| 0.064228 | 15.569479 | 3.1625% | 1793 | 0.062259 | 16.061865 | 3.2904% | 1792 |

0.060276 16.590367 3.4024% 1791 0.058293 17.154832 3.2296% 1790
0.056469 17.708859 41.3145% 1780 0.039960 25.025176 29.4353% 1770
0.030872 32.391416 83.4728% 1750 0.016827 59.429450 29.2845% 1740
0.013015 76.833039 94.2514% 1720 0.006700 149.249249 85.8111% 1700
0.003606 277.321642 19.2490% 1690 0.003024 330.703422 88.0250%
1670 0.001608 621.805183

BASE YEAR: 1894

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 4.414945 | 0.226503 | 8.2857% | 2001 | 4.077128 | 0.245271 | 1.0000% |
| 2000 | 4.036760 | 0.247723 | 1.0000% | 1999 | 3.996792 | 0.250201 | 1.0000% |
| 1998 | 3.957220 | 0.252703 | 1.0000% | 1997 | 3.918039 | 0.255230 | 1.0000% |
| 1996 | 3.879247 | 0.257782 | 1.0000% | 1995 | 3.840838 | 0.260360 | 0.9992% |
| 1994 | 3.802840 | 0.262961 | 1.0008% | 1993 | 3.765159 | 0.265593 | 1.0000% |
| 1992 | 3.727880 | 0.268249 | 0.9295% | 1991 | 3.693548 | 0.270742 | 1.2505% |
| 1990 | 3.647930 | 0.274128 | 0.7224% | 1989 | 3.621765 | 0.276108 | 1.1077% |
| 1988 | 3.582087 | 0.279167 | 0.8834% | 1987 | 3.550721 | 0.281633 | 0.5594% |
| 1986 | 3.530970 | 0.283208 | 1.3056% | 1985 | 3.485463 | 0.286906 | 0.7673% |
| 1984 | 3.458923 | 0.289107 | 0.8149% | 1983 | 3.430963 | 0.291463 | 0.9737% |
| 1982 | 3.397876 | 0.294301 | 0.9508% | 1981 | 3.365873 | 0.297100 | 0.9031% |
| 1980 | 3.335749 | 0.299783 | 2.2701% | 1979 | 3.261706 | 0.306588 | 1.0042% |
| 1978 | 3.229279 | 0.309667 | 0.9896% | 1977 | 3.197635 | 0.312731 | 0.9103% |
| 1976 | 3.168788 | 0.315578 | 0.8394% | 1975 | 3.142409 | 0.318227 | 0.9042% |
| 1974 | 3.114251 | 0.321104 | 1.1568% | 1973 | 3.078638 | 0.324819 | 0.9427% |
| 1972 | 3.049886 | 0.327881 | 0.7426% | 1971 | 3.027404 | 0.330316 | 1.4697% |
| 1970 | 2.983553 | 0.335171 | 0.6968% | 1969 | 2.962907 | 0.337506 | 0.8565% |
| 1968 | 2.937744 | 0.340397 | 1.5090% | 1967 | 2.894072 | 0.345534 | 0.9949% |
| 1966 | 2.865562 | 0.348972 | 1.0575% | 1965 | 2.835577 | 0.352662 | 1.1300% |
| 1964 | 2.803892 | 0.356647 | 1.5537% | 1963 | 2.760996 | 0.362188 | 1.4658% |
| 1962 | 2.721109 | 0.367497 | 1.5364% | 1961 | 2.679934 | 0.373144 | 2.1586% |
| 1960 | 2.623306 | 0.381198 | -1.6655% | 1959 | 2.667737 | 0.374850 | 4.3080% |
| 1958 | 2.557558 | 0.390998 | 2.1130% | 1957 | 2.504636 | 0.399260 | 1.9895% |
| 1956 | 2.455778 | 0.407203 | 2.1231% | 1955 | 2.404724 | 0.415848 | 1.4496% |
| 1954 | 2.370363 | 0.421876 | 2.1573% | 1953 | 2.320308 | 0.430977 | 1.2298% |
| 1952 | 2.292120 | 0.436277 | 1.6814% | 1951 | 2.254218 | 0.443613 | 1.6233% |
| 1950 | 2.218211 | 0.450814 | 1.4265% | 1949 | 2.187012 | 0.457245 | 1.7790% |
| 1948 | 2.148784 | 0.465379 | 1.8242% | 1947 | 2.110289 | 0.473869 | -2.6320% |
| 1946 | 2.167334 | 0.461396 | 3.1768% | 1945 | 2.100602 | 0.476054 | 6.4754% |
| 1944 | 1.972852 | 0.506880 | -0.3437% | 1943 | 1.979656 | 0.505138 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.966749 | 0.508453 | 0.6633% | 1941 | 1.953790 | 0.511826 | -5.6614% | 1940 |
| 2.071040 | 0.482849 | 8.0381% | 1939 | 1.916953 | 0.521661 | 0.8126% | 1938 |
| 1.901501 | 0.525900 | 0.7762% | 1937 | 1.886855 | 0.529983 | 0.6029% | 1936 |
| 1.875547 | 0.533178 | 0.5244% | 1935 | 1.865763 | 0.535974 | -3.0364% | 1934 |
| 1.924189 | 0.519699 | 4.6271% | 1933 | 1.839092 | 0.543747 | 1.3921% | 1932 |
| 1.813841 | 0.551316 | -0.2051% | 1931 | 1.817569 | 0.550186 | 0.8886% | 1930 |
| 1.801560 | 0.555074 | 1.0126% | 1929 | 1.783501 | 0.560695 | 1.1526% | 1928 |
| 1.763178 | 0.567158 | 1.2160% | 1927 | 1.741996 | 0.574054 | 1.4086% | 1926 |
| 1.717799 | 0.582140 | 1.7667% | 1925 | 1.687978 | 0.592425 | 1.4465% | 1924 |
| 1.663909 | 0.600994 | 1.7700% | 1923 | 1.634971 | 0.611632 | 1.6165% | 1922 |
| 1.608962 | 0.621519 | 1.3736% | 1921 | 1.587160 | 0.630056 | 2.3393% | 1920 |
| 1.550880 | 0.644795 | 1.3140% | 1919 | 1.530765 | 0.653268 | 0.7676% | 1918 |
| 1.519104 | 0.658283 | 0.3870% | 1917 | 1.513248 | 0.660830 | 1.3274% | 1916 |
| 1.493424 | 0.669602 | 1.4083% | 1915 | 1.472684 | 0.679032 | 1.4458% | 1914 |
| 1.451695 | 0.688850 | 1.9424% | 1913 | 1.424035 | 0.702230 | 1.9857% | 1912 |
| 1.396309 | 0.716174 | 1.5634% | 1911 | 1.374815 | 0.727371 | 1.8169% | 1910 |
| 1.350282 | 0.740586 | 1.8781% | 1909 | 1.325390 | 0.754495 | 2.0082% | 1908 |
| 1.299297 | 0.769647 | 1.9603% | 1907 | 1.274317 | 0.784734 | 1.8264% | 1906 |
| 1.251461 | 0.799066 | 1.9357% | 1905 | 1.227697 | 0.814533 | 2.0148% | 1904 |
| 1.203449 | 0.830945 | 2.1335% | 1903 | 1.178310 | 0.848673 | 1.8151% | 1902 |
| 1.157303 | 0.864078 | 1.8943% | 1901 | 1.135787 | 0.880447 | 3.0255% | 1900 |
| 1.102433 | 0.907085 | 0.6278% | 1899 | 1.095555 | 0.912780 | 1.7757% | 1898 |
| 1.076441 | 0.928987 | 1.8078% | 1897 | 1.057327 | 0.945781 | 1.8396% | 1896 |
| 1.038228 | 0.963180 | 1.8755% | 1895 | 1.019114 | 0.981245 | 1.9114% | 1894 |
| 1.000000 | 1.000000 | 1.9486% | 1893 | 0.980886 | 1.019486 | 1.9858% | 1892 |
| 0.961787 | 1.039731 | 2.0276% | 1891 | 0.942673 | 1.060813 | 2.6465% | 1890 |
| 0.918368 | 1.088888 | 1.5328% | 1889 | 0.904504 | 1.105578 | 2.0811% | 1888 |
| 0.886064 | 1.128587 | 2.1599% | 1887 | 0.867331 | 1.152963 | 2.2075% | 1886 |
| 0.848598 | 1.178415 | 2.2592% | 1885 | 0.829850 | 1.205037 | 2.3095% | 1884 |
| 0.811117 | 1.232868 | 2.3641% | 1883 | 0.792384 | 1.262015 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.773651 | 1.292573 | 2.4815% | 1881 | 0.754918 | 1.324648 | 3.7644% | 1880 |
| 0.727530 | 1.374513 | 0.9432% | 1879 | 0.720732 | 1.387478 | 2.1464% | 1878 |
| 0.705588 | 1.417258 | 2.1913% | 1877 | 0.690458 | 1.448315 | 2.2426% | 1876 |
| 0.675313 | 1.480795 | 2.2941% | 1875 | 0.660168 | 1.514765 | 2.3456% | 1874 |
| 0.645038 | 1.550295 | 2.4043% | 1873 | 0.629894 | 1.587569 | 2.4635% | 1872 |
| 0.614749 | 1.626680 | 2.5258% | 1871 | 0.599605 | 1.667766 | 5.9947% | 1870 |
| 0.565693 | 1.767743 | -1.0968% | 1869 | 0.571966 | 1.748355 | 2.1930% | 1868 |
| 0.559692 | 1.786696 | 2.2394% | 1867 | 0.547433 | 1.826707 | 2.2935% | 1866 |
| 0.535159 | 1.868603 | 2.3445% | 1865 | 0.522900 | 1.912411 | 2.4037% | 1864 |
| 0.510626 | 1.958380 | 2.4599% | 1863 | 0.498367 | 2.006554 | 2.5250% | 1862 |
| 0.486093 | 2.057219 | 2.5872% | 1861 | 0.473834 | 2.110445 | 2.9504% | 1860 |
| 0.460254 | 2.172712 | 2.4012% | 1859 | 0.449462 | 2.224884 | 2.7627% | 1858 |
| 0.437378 | 2.286351 | 2.8412% | 1857 | 0.425295 | 2.351310 | 2.9243% | 1856 |
| 0.413211 | 2.420069 | 3.0161% | 1855 | 0.401113 | 2.493062 | 3.1061% | 1854 |
| 0.389030 | 2.570498 | 3.2056% | 1853 | 0.376946 | 2.652899 | 3.3118% | 1852 |
| 0.364863 | 2.740757 | 3.4252% | 1851 | 0.352779 | 2.834634 | 4.0106% | 1850 |
| 0.339176 | 2.948320 | 2.3254% | 1849 | 0.331468 | 3.016880 | 2.7841% | 1848 |
| 0.322490 | 3.100872 | 2.8590% | 1847 | 0.313526 | 3.189526 | 2.9432% | 1846 |
| 0.304562 | 3.283399 | 3.0324% | 1845 | 0.295599 | 3.382965 | 3.1325% | 1844 |
| 0.286620 | 3.488937 | 3.2284% | 1843 | 0.277657 | 3.601572 | 3.3361% | 1842 |
| 0.268693 | 3.721723 | 3.4512% | 1841 | 0.259729 | 3.850166 | 3.8105% | 1840 |
| 0.250195 | 3.996876 | 2.3861% | 1839 | 0.244365 | 4.092244 | 2.5824% | 1838 |
| 0.238213 | 4.197922 | 2.6573% | 1837 | 0.232047 | 4.309474 | 2.7232% | 1836 |
| 0.225895 | 4.426830 | 2.7994% | 1835 | 0.219744 | 4.550757 | 2.8871% | 1834 |
| 0.213577 | 4.682142 | 2.9657% | 1833 | 0.207426 | 4.821000 | 3.0563% | 1832 |
| 0.201274 | 4.968345 | 3.1604% | 1831 | 0.195108 | 5.125366 | 3.4660% | 1830 |
| 0.188572 | 5.303009 | 2.4653% | 1829 | 0.184035 | 5.433745 | 2.6804% | 1828 |
| 0.179231 | 5.579390 | 10.3427% | 1827 | 0.162431 | 6.156447 | -4.2314% | 1826 |
| 0.169608 | 5.895941 | 2.9150% | 1825 | 0.164804 | 6.067810 | 3.0026% | 1824 |
| 0.160000 | 6.250000 | 3.0955% | 1823 | 0.155196 | 6.443469 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.150392 | 6.649299 | 3.3102% | 1821 | 0.145573 | 6.869403 | 3.2277% | 1820 |
| 0.141021 | 7.091130 | 2.6573% | 1819 | 0.137371 | 7.279561 | 2.6261% | 1818 |
| 0.133856 | 7.470730 | 2.6969% | 1817 | 0.130341 | 7.672210 | 2.7717% | 1816 |
| 0.126825 | 7.884860 | 2.8507% | 1815 | 0.123310 | 8.109633 | 2.9343% | 1814 |
| 0.119795 | 8.347598 | 3.0231% | 1813 | 0.116280 | 8.599950 | 3.1039% | 1812 |
| 0.112779 | 8.866883 | 3.2172% | 1811 | 0.109264 | 9.152145 | 3.0969% | 1810 |
| 0.105982 | 9.435579 | 2.9144% | 1809 | 0.102981 | 9.710567 | 2.8225% | 1808 |
| 0.100154 | 9.984645 | 2.9199% | 1807 | 0.097312 | 10.276189 | 2.9918% | 1806 |
| 0.094486 | 10.583630 | 3.0841% | 1805 | 0.091659 | 10.910035 | 3.1822% | 1804 |
| 0.088832 | 11.257214 | 3.2868% | 1803 | 0.086005 | 11.627214 | 3.3985% | 1802 |
| 0.083178 | 12.022363 | 3.5180% | 1801 | 0.080352 | 12.445315 | 3.3999% | 1800 |
| 0.077709 | 12.868449 | 2.8419% | 1799 | 0.075562 | 13.234154 | 2.7485% | 1798 |
| 0.073541 | 13.597889 | 2.8261% | 1797 | 0.071520 | 13.982183 | 3.7832% | 1796 |
| 0.068912 | 14.511158 | 2.1272% | 1795 | 0.067477 | 14.819839 | 3.0879% | 1794 |
| 0.065456 | 15.277467 | 3.1625% | 1793 | 0.063449 | 15.760619 | 3.2904% | 1792 |
| 0.061428 | 16.279208 | 3.4024% | 1791 | 0.059407 | 16.833087 | 3.2296% | 1790 |
| 0.057548 | 17.376722 | 41.3145% | 1780 | 0.040724 | 24.555819 | 29.4353% | 1770 |
| 0.031462 | 31.783902 | 83.4728% | 1750 | 0.017148 | 58.314827 | 29.2845% | 1740 |
| 0.013264 | 75.392005 | 94.2514% | 1720 | 0.006828 | 146.450021 | 85.8111% | 1700 |
| 0.003675 | 272.120367 | 19.2490% | 1690 | 0.003082 | 324.500951 | 88.0250% | |
| 1670 | 0.001639 | 610.142985 | | | | | |

BASE YEAR: 1893

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.500976 | 0.222174 | 8.2857% | 2001 | 4.156576 | 0.240583 | 1.0000% |
| 2000 | 4.115421 | 0.242988 | 1.0000% | 1999 | 4.074675 | 0.245418 | 1.0000% |
| 1998 | 4.034331 | 0.247873 | 1.0000% | 1997 | 3.994387 | 0.250351 | 1.0000% |
| 1996 | 3.954839 | 0.252855 | 1.0000% | 1995 | 3.915682 | 0.255383 | 0.9992% |
| 1994 | 3.876943 | 0.257935 | 1.0008% | 1993 | 3.838528 | 0.260517 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.800523 | 0.263122 | 0.9295% | 1991 | 3.765522 | 0.265567 | 1.2505% | 1990 |
| 3.719015 | 0.268888 | 0.7224% | 1989 | 3.692340 | 0.270831 | 1.1077% | 1988 |
| 3.651889 | 0.273831 | 0.8834% | 1987 | 3.619912 | 0.276250 | 0.5594% | 1986 |
| 3.599776 | 0.277795 | 1.3056% | 1985 | 3.553382 | 0.281422 | 0.7673% | 1984 |
| 3.526325 | 0.283581 | 0.8149% | 1983 | 3.497820 | 0.285892 | 0.9737% | 1982 |
| 3.464088 | 0.288676 | 0.9508% | 1981 | 3.431462 | 0.291421 | 0.9031% | 1980 |
| 3.400751 | 0.294053 | 2.2701% | 1979 | 3.325265 | 0.300728 | 1.0042% | 1978 |
| 3.292205 | 0.303748 | 0.9896% | 1977 | 3.259945 | 0.306754 | 0.9103% | 1976 |
| 3.230536 | 0.309546 | 0.8394% | 1975 | 3.203643 | 0.312145 | 0.9042% | 1974 |
| 3.174937 | 0.314967 | 1.1568% | 1973 | 3.138629 | 0.318610 | 0.9427% | 1972 |
| 3.109318 | 0.321614 | 0.7426% | 1971 | 3.086397 | 0.324002 | 1.4697% | 1970 |
| 3.041692 | 0.328764 | 0.6968% | 1969 | 3.020644 | 0.331055 | 0.8565% | 1968 |
| 2.994990 | 0.333891 | 1.5090% | 1967 | 2.950467 | 0.338929 | 0.9949% | 1966 |
| 2.921401 | 0.342301 | 1.0575% | 1965 | 2.890832 | 0.345921 | 1.1300% | 1964 |
| 2.858530 | 0.349830 | 1.5537% | 1963 | 2.814798 | 0.355265 | 1.4658% | 1962 |
| 2.774134 | 0.360473 | 1.5364% | 1961 | 2.732156 | 0.366011 | 2.1586% | 1960 |
| 2.674425 | 0.373912 | -1.6655% | 1959 | 2.719722 | 0.367685 | 4.3080% | 1958 |
| 2.607395 | 0.383525 | 2.1130% | 1957 | 2.553442 | 0.391628 | 1.9895% | 1956 |
| 2.503632 | 0.399420 | 2.1231% | 1955 | 2.451583 | 0.407900 | 1.4496% | 1954 |
| 2.416552 | 0.413813 | 2.1573% | 1953 | 2.365522 | 0.422740 | 1.2298% | 1952 |
| 2.336785 | 0.427938 | 1.6814% | 1951 | 2.298145 | 0.435134 | 1.6233% | 1950 |
| 2.261435 | 0.442197 | 1.4265% | 1949 | 2.229629 | 0.448505 | 1.7790% | 1948 |
| 2.190656 | 0.456484 | 1.8242% | 1947 | 2.151411 | 0.464811 | -2.6320% | 1946 |
| 2.209568 | 0.452577 | 3.1768% | 1945 | 2.141535 | 0.466955 | 6.4754% | 1944 |
| 2.011296 | 0.497192 | -0.3437% | 1943 | 2.018232 | 0.495483 | 0.6562% | 1942 |
| 2.005074 | 0.498735 | 0.6633% | 1941 | 1.991862 | 0.502043 | -5.6614% | 1940 |
| 2.111397 | 0.473620 | 8.0381% | 1939 | 1.954308 | 0.511690 | 0.8126% | 1938 |
| 1.938555 | 0.515848 | 0.7762% | 1937 | 1.923623 | 0.519853 | 0.6029% | 1936 |
| 1.912095 | 0.522987 | 0.5244% | 1935 | 1.902120 | 0.525729 | -3.0364% | 1934 |
| 1.961684 | 0.509766 | 4.6271% | 1933 | 1.874929 | 0.533354 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.849186 | 0.540778 | -0.2051% | 1931 | 1.852986 | 0.539669 | 0.8886% | 1930 |
| 1.836666 | 0.544465 | 1.0126% | 1929 | 1.818254 | 0.549978 | 1.1526% | 1928 |
| 1.797536 | 0.556317 | 1.2160% | 1927 | 1.775941 | 0.563082 | 1.4086% | 1926 |
| 1.751273 | 0.571013 | 1.7667% | 1925 | 1.720870 | 0.581101 | 1.4465% | 1924 |
| 1.696333 | 0.589507 | 1.7700% | 1923 | 1.666830 | 0.599941 | 1.6165% | 1922 |
| 1.640314 | 0.609639 | 1.3736% | 1921 | 1.618088 | 0.618014 | 2.3393% | 1920 |
| 1.581101 | 0.632471 | 1.3140% | 1919 | 1.560594 | 0.640782 | 0.7676% | 1918 |
| 1.548706 | 0.645700 | 0.3870% | 1917 | 1.542736 | 0.648199 | 1.3274% | 1916 |
| 1.522525 | 0.656804 | 1.4083% | 1915 | 1.501381 | 0.666053 | 1.4458% | 1914 |
| 1.479984 | 0.675683 | 1.9424% | 1913 | 1.451784 | 0.688808 | 1.9857% | 1912 |
| 1.423518 | 0.702485 | 1.5634% | 1911 | 1.401605 | 0.713468 | 1.8169% | 1910 |
| 1.376594 | 0.726431 | 1.8781% | 1909 | 1.351217 | 0.740074 | 2.0082% | 1908 |
| 1.324615 | 0.754936 | 1.9603% | 1907 | 1.299149 | 0.769735 | 1.8264% | 1906 |
| 1.275847 | 0.783793 | 1.9357% | 1905 | 1.251620 | 0.798964 | 2.0148% | 1904 |
| 1.226900 | 0.815062 | 2.1335% | 1903 | 1.201271 | 0.832452 | 1.8151% | 1902 |
| 1.179855 | 0.847562 | 1.8943% | 1901 | 1.157920 | 0.863618 | 3.0255% | 1900 |
| 1.123915 | 0.889747 | 0.6278% | 1899 | 1.116903 | 0.895333 | 1.7757% | 1898 |
| 1.097417 | 0.911231 | 1.8078% | 1897 | 1.077930 | 0.927704 | 1.8396% | 1896 |
| 1.058459 | 0.944770 | 1.8755% | 1895 | 1.038973 | 0.962489 | 1.9114% | 1894 |
| 1.019486 | 0.980886 | 1.9486% | 1893 | 1.000000 | 1.000000 | 1.9858% | 1892 |
| 0.980529 | 1.019858 | 2.0276% | 1891 | 0.961042 | 1.040537 | 2.6465% | 1890 |
| 0.936264 | 1.068075 | 1.5328% | 1889 | 0.922129 | 1.084447 | 2.0811% | 1888 |
| 0.903330 | 1.107015 | 2.1599% | 1887 | 0.884232 | 1.130925 | 2.2075% | 1886 |
| 0.865134 | 1.155891 | 2.2592% | 1885 | 0.846021 | 1.182004 | 2.3095% | 1884 |
| 0.826923 | 1.209303 | 2.3641% | 1883 | 0.807824 | 1.237893 | 2.4214% | 1882 |
| 0.788726 | 1.267867 | 2.4815% | 1881 | 0.769628 | 1.299329 | 3.7644% | 1880 |
| 0.741707 | 1.348241 | 0.9432% | 1879 | 0.734777 | 1.360958 | 2.1464% | 1878 |
| 0.719337 | 1.390169 | 2.1913% | 1877 | 0.703912 | 1.420632 | 2.2426% | 1876 |
| 0.688472 | 1.452491 | 2.2941% | 1875 | 0.673033 | 1.485812 | 2.3456% | 1874 |
| 0.657608 | 1.520663 | 2.4043% | 1873 | 0.642168 | 1.557225 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.626728 | 1.595588 | 2.5258% | 1871 | 0.611289 | 1.635888 | 5.9947% | 1870 |
| 0.576716 | 1.733955 | -1.0968% | 1869 | 0.583112 | 1.714937 | 2.1930% | 1868 |
| 0.570599 | 1.752545 | 2.2394% | 1867 | 0.558101 | 1.791792 | 2.2935% | 1866 |
| 0.545588 | 1.832886 | 2.3445% | 1865 | 0.533089 | 1.875858 | 2.4037% | 1864 |
| 0.520576 | 1.920948 | 2.4599% | 1863 | 0.508078 | 1.968201 | 2.5250% | 1862 |
| 0.495565 | 2.017898 | 2.5872% | 1861 | 0.483067 | 2.070106 | 2.9504% | 1860 |
| 0.469223 | 2.131183 | 2.4012% | 1859 | 0.458220 | 2.182357 | 2.7627% | 1858 |
| 0.445901 | 2.242650 | 2.8412% | 1857 | 0.433582 | 2.306368 | 2.9243% | 1856 |
| 0.421263 | 2.373813 | 3.0161% | 1855 | 0.408929 | 2.445410 | 3.1061% | 1854 |
| 0.396610 | 2.521366 | 3.2056% | 1853 | 0.384291 | 2.602191 | 3.3118% | 1852 |
| 0.371973 | 2.688371 | 3.4252% | 1851 | 0.359654 | 2.780453 | 4.0106% | 1850 |
| 0.345785 | 2.891966 | 2.3254% | 1849 | 0.337927 | 2.959215 | 2.7841% | 1848 |
| 0.328774 | 3.041602 | 2.8590% | 1847 | 0.319636 | 3.128562 | 2.9432% | 1846 |
| 0.310497 | 3.220641 | 3.0324% | 1845 | 0.301359 | 3.318303 | 3.1325% | 1844 |
| 0.292205 | 3.422249 | 3.2284% | 1843 | 0.283067 | 3.532732 | 3.3361% | 1842 |
| 0.273929 | 3.650586 | 3.4512% | 1841 | 0.264790 | 3.776575 | 3.8105% | 1840 |
| 0.255071 | 3.920481 | 2.3861% | 1839 | 0.249126 | 4.014025 | 2.5824% | 1838 |
| 0.242855 | 4.117683 | 2.6573% | 1837 | 0.236569 | 4.227103 | 2.7232% | 1836 |
| 0.230297 | 4.342216 | 2.7994% | 1835 | 0.224026 | 4.463774 | 2.8871% | 1834 |
| 0.217739 | 4.592648 | 2.9657% | 1833 | 0.211468 | 4.728852 | 3.0563% | 1832 |
| 0.205196 | 4.873381 | 3.1604% | 1831 | 0.198910 | 5.027400 | 3.4660% | 1830 |
| 0.192247 | 5.201648 | 2.4653% | 1829 | 0.187621 | 5.329885 | 2.6804% | 1828 |
| 0.182724 | 5.472747 | 10.3427% | 1827 | 0.165597 | 6.038774 | -4.2314% | 1826 |
| 0.172913 | 5.783247 | 2.9150% | 1825 | 0.168016 | 5.951831 | 3.0026% | 1824 |
| 0.163118 | 6.130538 | 3.0955% | 1823 | 0.158220 | 6.320310 | 3.1944% | 1822 |
| 0.153322 | 6.522205 | 3.3102% | 1821 | 0.148410 | 6.738102 | 3.2277% | 1820 |
| 0.143769 | 6.955591 | 2.6573% | 1819 | 0.140048 | 7.140420 | 2.6261% | 1818 |
| 0.136464 | 7.327935 | 2.6969% | 1817 | 0.132880 | 7.525565 | 2.7717% | 1816 |
| 0.129297 | 7.734149 | 2.8507% | 1815 | 0.125713 | 7.954626 | 2.9343% | 1814 |
| 0.122129 | 8.188043 | 3.0231% | 1813 | 0.118546 | 8.435571 | 3.1039% | 1812 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.114977 | 8.697403 | 3.2172% | 1811 | 0.111393 | 8.977212 | 3.0969% | 1810 |
| 0.108047 | 9.255228 | 2.9144% | 1809 | 0.104987 | 9.524961 | 2.8225% | 1808 |
| 0.102105 | 9.793799 | 2.9199% | 1807 | 0.099209 | 10.079771 | 2.9918% | 1806 |
| 0.096327 | 10.381336 | 3.0841% | 1805 | 0.093445 | 10.701502 | 3.1822% | 1804 |
| 0.090563 | 11.042045 | 3.2868% | 1803 | 0.087681 | 11.404973 | 3.3985% | 1802 |
| 0.084799 | 11.792569 | 3.5180% | 1801 | 0.081917 | 12.207437 | 3.3999% | 1800 |
| 0.079224 | 12.622484 | 2.8419% | 1799 | 0.077034 | 12.981198 | 2.7485% | 1798 |
| 0.074974 | 13.337980 | 2.8261% | 1797 | 0.072913 | 13.714929 | 3.7832% | 1796 |
| 0.070255 | 14.233794 | 2.1272% | 1795 | 0.068792 | 14.536575 | 3.0879% | 1794 |
| 0.066731 | 14.985455 | 3.1625% | 1793 | 0.064686 | 15.459372 | 3.2904% | 1792 |
| 0.062625 | 15.968050 | 3.4024% | 1791 | 0.060564 | 16.511341 | 3.2296% | 1790 |
| 0.058670 | 17.044585 | 41.3145% | 1780 | 0.041517 | 24.086462 | 29.4353% | 1770 |
| 0.032076 | 31.176388 | 83.4728% | 1750 | 0.017482 | 57.200205 | 29.2845% | 1740 |
| 0.013522 | 73.950972 | 94.2514% | 1720 | 0.006961 | 143.650794 | 85.8111% | 1700 |
| 0.003746 | 266.919091 | 19.2490% | 1690 | 0.003142 | 318.298479 | 88.0250% | |
| 1670 | 0.001671 | 598.480786 | | | | | |

BASE YEAR: 1892

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.590356 | 0.217848 | 8.2857% | 2001 | 4.239118 | 0.235898 | 1.0000% |
| 2000 | 4.197146 | 0.238257 | 1.0000% | 1999 | 4.155590 | 0.240640 | 1.0000% |
| 1998 | 4.114445 | 0.243046 | 1.0000% | 1997 | 4.073708 | 0.245477 | 1.0000% |
| 1996 | 4.033375 | 0.247931 | 1.0000% | 1995 | 3.993440 | 0.250411 | 0.9992% |
| 1994 | 3.953932 | 0.252913 | 1.0008% | 1993 | 3.914754 | 0.255444 | 1.0000% |
| 1992 | 3.875994 | 0.257998 | 0.9295% | 1991 | 3.840298 | 0.260396 | 1.2505% |
| 1990 | 3.792867 | 0.263653 | 0.7224% | 1989 | 3.765663 | 0.265558 | 1.1077% |
| 1988 | 3.724408 | 0.268499 | 0.8834% | 1987 | 3.691796 | 0.270871 | 0.5594% |
| 1986 | 3.671261 | 0.272386 | 1.3056% | 1985 | 3.623945 | 0.275942 | 0.7673% |
| 1984 | 3.596351 | 0.278060 | 0.8149% | 1983 | 3.567280 | 0.280326 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.532879 | 0.283055 | 0.9508% | 1981 | 3.499604 | 0.285747 | 0.9031% | 1980 |
| 3.468283 | 0.288327 | 2.2701% | 1979 | 3.391298 | 0.294872 | 1.0042% | 1978 |
| 3.357582 | 0.297833 | 0.9896% | 1977 | 3.324681 | 0.300781 | 0.9103% | 1976 |
| 3.294688 | 0.303519 | 0.8394% | 1975 | 3.267262 | 0.306067 | 0.9042% | 1974 |
| 3.237985 | 0.308834 | 1.1568% | 1973 | 3.200956 | 0.312407 | 0.9427% | 1972 |
| 3.171063 | 0.315352 | 0.7426% | 1971 | 3.147687 | 0.317694 | 1.4697% | 1970 |
| 3.102094 | 0.322363 | 0.6968% | 1969 | 3.080628 | 0.324609 | 0.8565% | 1968 |
| 3.054465 | 0.327390 | 1.5090% | 1967 | 3.009057 | 0.332330 | 0.9949% | 1966 |
| 2.979415 | 0.335636 | 1.0575% | 1965 | 2.948238 | 0.339186 | 1.1300% | 1964 |
| 2.915295 | 0.343018 | 1.5537% | 1963 | 2.870694 | 0.348348 | 1.4658% | 1962 |
| 2.829223 | 0.353454 | 1.5364% | 1961 | 2.786412 | 0.358885 | 2.1586% | 1960 |
| 2.727534 | 0.366632 | -1.6655% | 1959 | 2.773730 | 0.360525 | 4.3080% | 1958 |
| 2.659173 | 0.376057 | 2.1130% | 1957 | 2.604148 | 0.384003 | 1.9895% | 1956 |
| 2.553350 | 0.391642 | 2.1231% | 1955 | 2.500267 | 0.399957 | 1.4496% | 1954 |
| 2.464540 | 0.405755 | 2.1573% | 1953 | 2.412497 | 0.414508 | 1.2298% | 1952 |
| 2.383189 | 0.419606 | 1.6814% | 1951 | 2.343781 | 0.426661 | 1.6233% | 1950 |
| 2.306343 | 0.433587 | 1.4265% | 1949 | 2.273905 | 0.439772 | 1.7790% | 1948 |
| 2.234158 | 0.447596 | 1.8242% | 1947 | 2.194134 | 0.455761 | -2.6320% | 1946 |
| 2.253445 | 0.443765 | 3.1768% | 1945 | 2.184062 | 0.457862 | 6.4754% | 1944 |
| 2.051236 | 0.487511 | -0.3437% | 1943 | 2.058310 | 0.485835 | 0.6562% | 1942 |
| 2.044891 | 0.489024 | 0.6633% | 1941 | 2.031417 | 0.492267 | -5.6614% | 1940 |
| 2.153326 | 0.464398 | 8.0381% | 1939 | 1.993117 | 0.501727 | 0.8126% | 1938 |
| 1.977051 | 0.505804 | 0.7762% | 1937 | 1.961822 | 0.509730 | 0.6029% | 1936 |
| 1.950065 | 0.512803 | 0.5244% | 1935 | 1.939893 | 0.515492 | -3.0364% | 1934 |
| 2.000640 | 0.499840 | 4.6271% | 1933 | 1.912162 | 0.522968 | 1.3921% | 1932 |
| 1.885907 | 0.530249 | -0.2051% | 1931 | 1.889783 | 0.529161 | 0.8886% | 1930 |
| 1.873138 | 0.533863 | 1.0126% | 1929 | 1.854361 | 0.539269 | 1.1526% | 1928 |
| 1.833232 | 0.545485 | 1.2160% | 1927 | 1.811207 | 0.552118 | 1.4086% | 1926 |
| 1.786050 | 0.559895 | 1.7667% | 1925 | 1.755043 | 0.569786 | 1.4465% | 1924 |
| 1.730019 | 0.578028 | 1.7700% | 1923 | 1.699930 | 0.588259 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.672888 | 0.597769 | 1.3736% | 1921 | 1.650220 | 0.605980 | 2.3393% | 1920 |
| 1.612498 | 0.620156 | 1.3140% | 1919 | 1.591585 | 0.628305 | 0.7676% | 1918 |
| 1.579460 | 0.633128 | 0.3870% | 1917 | 1.573371 | 0.635578 | 1.3274% | 1916 |
| 1.552759 | 0.644015 | 1.4083% | 1915 | 1.531196 | 0.653084 | 1.4458% | 1914 |
| 1.509373 | 0.662527 | 1.9424% | 1913 | 1.480614 | 0.675395 | 1.9857% | 1912 |
| 1.451786 | 0.688807 | 1.5634% | 1911 | 1.429438 | 0.699575 | 1.8169% | 1910 |
| 1.403930 | 0.712286 | 1.8781% | 1909 | 1.378050 | 0.725663 | 2.0082% | 1908 |
| 1.350920 | 0.740236 | 1.9603% | 1907 | 1.324947 | 0.754747 | 1.8264% | 1906 |
| 1.301183 | 0.768531 | 1.9357% | 1905 | 1.276475 | 0.783407 | 2.0148% | 1904 |
| 1.251264 | 0.799192 | 2.1335% | 1903 | 1.225126 | 0.816243 | 1.8151% | 1902 |
| 1.203284 | 0.831059 | 1.8943% | 1901 | 1.180914 | 0.846802 | 3.0255% | 1900 |
| 1.146234 | 0.872422 | 0.6278% | 1899 | 1.139083 | 0.877899 | 1.7757% | 1898 |
| 1.119209 | 0.893488 | 1.8078% | 1897 | 1.099336 | 0.909640 | 1.8396% | 1896 |
| 1.079478 | 0.926374 | 1.8755% | 1895 | 1.059605 | 0.943748 | 1.9114% | 1894 |
| 1.039731 | 0.961787 | 1.9486% | 1893 | 1.019858 | 0.980529 | 1.9858% | 1892 |
| 1.000000 | 1.000000 | 2.0276% | 1891 | 0.980127 | 1.020276 | 2.6465% | 1890 |
| 0.954856 | 1.047278 | 1.5328% | 1889 | 0.940441 | 1.063331 | 2.0811% | 1888 |
| 0.921268 | 1.085460 | 2.1599% | 1887 | 0.901791 | 1.108905 | 2.2075% | 1886 |
| 0.882314 | 1.133384 | 2.2592% | 1885 | 0.862821 | 1.158989 | 2.3095% | 1884 |
| 0.843344 | 1.185756 | 2.3641% | 1883 | 0.823866 | 1.213789 | 2.4214% | 1882 |
| 0.804389 | 1.243180 | 2.4815% | 1881 | 0.784912 | 1.274029 | 3.7644% | 1880 |
| 0.756436 | 1.321988 | 0.9432% | 1879 | 0.749368 | 1.334458 | 2.1464% | 1878 |
| 0.733622 | 1.363100 | 2.1913% | 1877 | 0.717891 | 1.392970 | 2.2426% | 1876 |
| 0.702144 | 1.424209 | 2.2941% | 1875 | 0.686398 | 1.456881 | 2.3456% | 1874 |
| 0.670667 | 1.491054 | 2.4043% | 1873 | 0.654920 | 1.526903 | 2.4635% | 1872 |
| 0.639174 | 1.564519 | 2.5258% | 1871 | 0.623428 | 1.604035 | 5.9947% | 1870 |
| 0.588169 | 1.700192 | -1.0968% | 1869 | 0.594691 | 1.681545 | 2.1930% | 1868 |
| 0.581930 | 1.718420 | 2.2394% | 1867 | 0.569183 | 1.756903 | 2.2935% | 1866 |
| 0.556422 | 1.797197 | 2.3445% | 1865 | 0.543676 | 1.839332 | 2.4037% | 1864 |
| 0.530914 | 1.883544 | 2.4599% | 1863 | 0.518168 | 1.929877 | 2.5250% | 1862 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.505406 | 1.978607 | 2.5872% | 1861 | 0.492660 | 2.029798 | 2.9504% | 1860 |
| 0.478541 | 2.089685 | 2.4012% | 1859 | 0.467319 | 2.139864 | 2.7627% | 1858 |
| 0.454756 | 2.198982 | 2.8412% | 1857 | 0.442192 | 2.261460 | 2.9243% | 1856 |
| 0.429629 | 2.327591 | 3.0161% | 1855 | 0.417050 | 2.397794 | 3.1061% | 1854 |
| 0.404486 | 2.472271 | 3.2056% | 1853 | 0.391923 | 2.551523 | 3.3118% | 1852 |
| 0.379359 | 2.636024 | 3.4252% | 1851 | 0.366796 | 2.726314 | 4.0106% | 1850 |
| 0.352652 | 2.835656 | 2.3254% | 1849 | 0.344638 | 2.901595 | 2.7841% | 1848 |
| 0.335303 | 2.982378 | 2.8590% | 1847 | 0.325983 | 3.067645 | 2.9432% | 1846 |
| 0.316663 | 3.157930 | 3.0324% | 1845 | 0.307343 | 3.253691 | 3.1325% | 1844 |
| 0.298008 | 3.355613 | 3.2284% | 1843 | 0.288688 | 3.463945 | 3.3361% | 1842 |
| 0.279368 | 3.579504 | 3.4512% | 1841 | 0.270048 | 3.703040 | 3.8105% | 1840 |
| 0.260136 | 3.844143 | 2.3861% | 1839 | 0.254074 | 3.935867 | 2.5824% | 1838 |
| 0.247678 | 4.037506 | 2.6573% | 1837 | 0.241266 | 4.144796 | 2.7232% | 1836 |
| 0.234870 | 4.257667 | 2.7994% | 1835 | 0.228474 | 4.376858 | 2.8871% | 1834 |
| 0.222063 | 4.503223 | 2.9657% | 1833 | 0.215667 | 4.636774 | 3.0563% | 1832 |
| 0.209271 | 4.778489 | 3.1604% | 1831 | 0.202860 | 4.929510 | 3.4660% | 1830 |
| 0.196064 | 5.100365 | 2.4653% | 1829 | 0.191347 | 5.226104 | 2.6804% | 1828 |
| 0.186352 | 5.366185 | 10.3427% | 1827 | 0.168885 | 5.921190 | -4.2314% | 1826 |
| 0.176347 | 5.670639 | 2.9150% | 1825 | 0.171352 | 5.835940 | 3.0026% | 1824 |
| 0.166357 | 6.011168 | 3.0955% | 1823 | 0.161362 | 6.197244 | 3.1944% | 1822 |
| 0.156367 | 6.395208 | 3.3102% | 1821 | 0.151357 | 6.606902 | 3.2277% | 1820 |
| 0.146624 | 6.820156 | 2.6573% | 1819 | 0.142829 | 7.001386 | 2.6261% | 1818 |
| 0.139174 | 7.185250 | 2.6969% | 1817 | 0.135519 | 7.379031 | 2.7717% | 1816 |
| 0.131864 | 7.583555 | 2.8507% | 1815 | 0.128209 | 7.799739 | 2.9343% | 1814 |
| 0.124555 | 8.028610 | 3.0231% | 1813 | 0.120900 | 8.271319 | 3.1039% | 1812 |
| 0.117260 | 8.528052 | 3.2172% | 1811 | 0.113605 | 8.802413 | 3.0969% | 1810 |
| 0.110193 | 9.075016 | 2.9144% | 1809 | 0.107072 | 9.339497 | 2.8225% | 1808 |
| 0.104133 | 9.603100 | 2.9199% | 1807 | 0.101179 | 9.883504 | 2.9918% | 1806 |
| 0.098240 | 10.179197 | 3.0841% | 1805 | 0.095300 | 10.493129 | 3.1822% | 1804 |
| 0.092361 | 10.827040 | 3.2868% | 1803 | 0.089422 | 11.182902 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.086483 | 11.562951 | 3.5180% | 1801 | 0.083544 | 11.969741 | 3.3999% | 1800 |
| 0.080797 | 12.376706 | 2.8419% | 1799 | 0.078564 | 12.728436 | 2.7485% | 1798 |
| 0.076463 | 13.078271 | 2.8261% | 1797 | 0.074361 | 13.447880 | 3.7832% | 1796 |
| 0.071650 | 13.956642 | 2.1272% | 1795 | 0.070158 | 14.253527 | 3.0879% | 1794 |
| 0.068057 | 14.693667 | 3.1625% | 1793 | 0.065970 | 15.158356 | 3.2904% | 1792 |
| 0.063869 | 15.657129 | 3.4024% | 1791 | 0.061767 | 16.189842 | 3.2296% | 1790 |
| 0.059835 | 16.712703 | 41.3145% | 1780 | 0.042342 | 23.617465 | 29.4353% | 1770 |
| 0.032713 | 30.569340 | 83.4728% | 1750 | 0.017830 | 56.086437 | 29.2845% | 1740 |
| 0.013791 | 72.511042 | 94.2514% | 1720 | 0.007100 | 140.853711 | 85.8111% | 1700 |
| 0.003821 | 261.721802 | 19.2490% | 1690 | 0.003204 | 312.100760 | 88.0250% | 1670 |
| 0.001704 | 586.827525 | | | | | | |

BASE YEAR: 1891

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 4.683432 | 0.213519 | 8.2857% | 2001 | 4.325071 | 0.231210 | 1.0000% |
| 2000 | 4.282248 | 0.233522 | 1.0000% | 1999 | 4.239850 | 0.235857 | 1.0000% |
| 1998 | 4.197871 | 0.238216 | 1.0000% | 1997 | 4.156308 | 0.240598 | 1.0000% |
| 1996 | 4.115156 | 0.243004 | 1.0000% | 1995 | 4.074412 | 0.245434 | 0.9992% |
| 1994 | 4.034103 | 0.247887 | 1.0008% | 1993 | 3.994130 | 0.250367 | 1.0000% |
| 1992 | 3.954584 | 0.252871 | 0.9295% | 1991 | 3.918165 | 0.255222 | 1.2505% |
| 1990 | 3.869773 | 0.258413 | 0.7224% | 1989 | 3.842016 | 0.260280 | 1.1077% |
| 1988 | 3.799925 | 0.263163 | 0.8834% | 1987 | 3.766652 | 0.265488 | 0.5594% |
| 1986 | 3.745700 | 0.266973 | 1.3056% | 1985 | 3.697425 | 0.270458 | 0.7673% |
| 1984 | 3.669272 | 0.272534 | 0.8149% | 1983 | 3.639611 | 0.274755 | 0.9737% |
| 1982 | 3.604512 | 0.277430 | 0.9508% | 1981 | 3.570563 | 0.280068 | 0.9031% |
| 1980 | 3.538607 | 0.282597 | 2.2701% | 1979 | 3.460061 | 0.289012 | 1.0042% |
| 1978 | 3.425662 | 0.291914 | 0.9896% | 1977 | 3.392093 | 0.294803 | 0.9103% |
| 1976 | 3.361492 | 0.297487 | 0.8394% | 1975 | 3.333509 | 0.299984 | 0.9042% |
| 1974 | 3.303639 | 0.302697 | 1.1568% | 1973 | 3.265860 | 0.306198 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.235360 | 0.309085 | 0.7426% | 1971 | 3.211510 | 0.311380 | 1.4697% | 1970 |
| 3.164993 | 0.315956 | 0.6968% | 1969 | 3.143091 | 0.318158 | 0.8565% | 1968 |
| 3.116398 | 0.320883 | 1.5090% | 1967 | 3.070070 | 0.325726 | 0.9949% | 1966 |
| 3.039826 | 0.328966 | 1.0575% | 1965 | 3.008017 | 0.332445 | 1.1300% | 1964 |
| 2.974406 | 0.336202 | 1.5537% | 1963 | 2.928901 | 0.341425 | 1.4658% | 1962 |
| 2.886589 | 0.346430 | 1.5364% | 1961 | 2.842910 | 0.351752 | 2.1586% | 1960 |
| 2.782838 | 0.359345 | -1.6655% | 1959 | 2.829971 | 0.353361 | 4.3080% | 1958 |
| 2.713091 | 0.368583 | 2.1130% | 1957 | 2.656951 | 0.376371 | 1.9895% | 1956 |
| 2.605122 | 0.383859 | 2.1231% | 1955 | 2.550963 | 0.392009 | 1.4496% | 1954 |
| 2.514512 | 0.397691 | 2.1573% | 1953 | 2.461413 | 0.406271 | 1.2298% | 1952 |
| 2.431511 | 0.411267 | 1.6814% | 1951 | 2.391305 | 0.418182 | 1.6233% | 1950 |
| 2.353107 | 0.424970 | 1.4265% | 1949 | 2.320011 | 0.431032 | 1.7790% | 1948 |
| 2.279459 | 0.438701 | 1.8242% | 1947 | 2.238623 | 0.446703 | -2.6320% | 1946 |
| 2.299137 | 0.434946 | 3.1768% | 1945 | 2.228347 | 0.448763 | 6.4754% | 1944 |
| 2.092827 | 0.477822 | -0.3437% | 1943 | 2.100045 | 0.476180 | 0.6562% | 1942 |
| 2.086354 | 0.479305 | 0.6633% | 1941 | 2.072606 | 0.482484 | -5.6614% | 1940 |
| 2.196987 | 0.455169 | 8.0381% | 1939 | 2.033530 | 0.491756 | 0.8126% | 1938 |
| 2.017138 | 0.495752 | 0.7762% | 1937 | 2.001600 | 0.499600 | 0.6029% | 1936 |
| 1.989606 | 0.502612 | 0.5244% | 1935 | 1.979227 | 0.505248 | -3.0364% | 1934 |
| 2.041205 | 0.489907 | 4.6271% | 1933 | 1.950933 | 0.512575 | 1.3921% | 1932 |
| 1.924147 | 0.519711 | -0.2051% | 1931 | 1.928101 | 0.518645 | 0.8886% | 1930 |
| 1.911119 | 0.523254 | 1.0126% | 1929 | 1.891961 | 0.528552 | 1.1526% | 1928 |
| 1.870403 | 0.534644 | 1.2160% | 1927 | 1.847932 | 0.541145 | 1.4086% | 1926 |
| 1.822264 | 0.548768 | 1.7667% | 1925 | 1.790629 | 0.558463 | 1.4465% | 1924 |
| 1.765097 | 0.566541 | 1.7700% | 1923 | 1.734399 | 0.576569 | 1.6165% | 1922 |
| 1.706808 | 0.585889 | 1.3736% | 1921 | 1.683680 | 0.593937 | 2.3393% | 1920 |
| 1.645194 | 0.607831 | 1.3140% | 1919 | 1.623856 | 0.615818 | 0.7676% | 1918 |
| 1.611486 | 0.620545 | 0.3870% | 1917 | 1.605273 | 0.622947 | 1.3274% | 1916 |
| 1.584244 | 0.631216 | 1.4083% | 1915 | 1.562243 | 0.640105 | 1.4458% | 1914 |
| 1.539978 | 0.649360 | 1.9424% | 1913 | 1.510635 | 0.661973 | 1.9857% | 1912 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.481223 | 0.675118 | 1.5634% | 1911 | 1.458422 | 0.685673 | 1.8169% | 1910 |
| 1.432397 | 0.698131 | 1.8781% | 1909 | 1.405991 | 0.711242 | 2.0082% | 1908 |
| 1.378311 | 0.725525 | 1.9603% | 1907 | 1.351812 | 0.739748 | 1.8264% | 1906 |
| 1.327566 | 0.753258 | 1.9357% | 1905 | 1.302357 | 0.767839 | 2.0148% | 1904 |
| 1.276635 | 0.783309 | 2.1335% | 1903 | 1.249967 | 0.800021 | 1.8151% | 1902 |
| 1.227682 | 0.814543 | 1.8943% | 1901 | 1.204858 | 0.829973 | 3.0255% | 1900 |
| 1.169476 | 0.855084 | 0.6278% | 1899 | 1.162179 | 0.860453 | 1.7757% | 1898 |
| 1.141903 | 0.875731 | 1.8078% | 1897 | 1.121626 | 0.891562 | 1.8396% | 1896 |
| 1.101366 | 0.907964 | 1.8755% | 1895 | 1.081089 | 0.924993 | 1.9114% | 1894 |
| 1.060813 | 0.942673 | 1.9486% | 1893 | 1.040537 | 0.961042 | 1.9858% | 1892 |
| 1.020276 | 0.980127 | 2.0276% | 1891 | 1.000000 | 1.000000 | 2.6465% | 1890 |
| 0.974217 | 1.026465 | 1.5328% | 1889 | 0.959510 | 1.042199 | 2.0811% | 1888 |
| 0.939948 | 1.063889 | 2.1599% | 1887 | 0.920076 | 1.086867 | 2.2075% | 1886 |
| 0.900204 | 1.110860 | 2.2592% | 1885 | 0.880316 | 1.135956 | 2.3095% | 1884 |
| 0.860443 | 1.162191 | 2.3641% | 1883 | 0.840571 | 1.189667 | 2.4214% | 1882 |
| 0.820699 | 1.218474 | 2.4815% | 1881 | 0.800827 | 1.248710 | 3.7644% | 1880 |
| 0.771774 | 1.295716 | 0.9432% | 1879 | 0.764562 | 1.307938 | 2.1464% | 1878 |
| 0.748497 | 1.336011 | 2.1913% | 1877 | 0.732447 | 1.365287 | 2.2426% | 1876 |
| 0.716381 | 1.395905 | 2.2941% | 1875 | 0.700315 | 1.427928 | 2.3456% | 1874 |
| 0.684265 | 1.461421 | 2.4043% | 1873 | 0.668200 | 1.496559 | 2.4635% | 1872 |
| 0.652134 | 1.533427 | 2.5258% | 1871 | 0.636068 | 1.572158 | 5.9947% | 1870 |
| 0.600095 | 1.666404 | -1.0968% | 1869 | 0.606749 | 1.648127 | 2.1930% | 1868 |
| 0.593729 | 1.684270 | 2.2394% | 1867 | 0.580724 | 1.721987 | 2.2935% | 1866 |
| 0.567704 | 1.761481 | 2.3445% | 1865 | 0.554699 | 1.802779 | 2.4037% | 1864 |
| 0.541679 | 1.846112 | 2.4599% | 1863 | 0.528674 | 1.891524 | 2.5250% | 1862 |
| 0.515654 | 1.939285 | 2.5872% | 1861 | 0.502649 | 1.989459 | 2.9504% | 1860 |
| 0.488244 | 2.048157 | 2.4012% | 1859 | 0.476795 | 2.097338 | 2.7627% | 1858 |
| 0.463977 | 2.155281 | 2.8412% | 1857 | 0.451158 | 2.216517 | 2.9243% | 1856 |
| 0.438340 | 2.281334 | 3.0161% | 1855 | 0.425506 | 2.350142 | 3.1061% | 1854 |
| 0.412688 | 2.423139 | 3.2056% | 1853 | 0.399869 | 2.500816 | 3.3118% | 1852 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.387051 | 2.583638 | 3.4252% | 1851 | 0.374233 | 2.672133 | 4.0106% | 1850 |
| 0.359803 | 2.779302 | 2.3254% | 1849 | 0.351626 | 2.843931 | 2.7841% | 1848 |
| 0.342102 | 2.923108 | 2.8590% | 1847 | 0.332593 | 3.006680 | 2.9432% | 1846 |
| 0.323084 | 3.095172 | 3.0324% | 1845 | 0.313575 | 3.189030 | 3.1325% | 1844 |
| 0.304051 | 3.288926 | 3.2284% | 1843 | 0.294542 | 3.395105 | 3.3361% | 1842 |
| 0.285033 | 3.508367 | 3.4512% | 1841 | 0.275524 | 3.629448 | 3.8105% | 1840 |
| 0.265411 | 3.767748 | 2.3861% | 1839 | 0.259225 | 3.857648 | 2.5824% | 1838 |
| 0.252700 | 3.957268 | 2.6573% | 1837 | 0.246158 | 4.062425 | 2.7232% | 1836 |
| 0.239633 | 4.173053 | 2.7994% | 1835 | 0.233107 | 4.289875 | 2.8871% | 1834 |
| 0.226566 | 4.413729 | 2.9657% | 1833 | 0.220040 | 4.544626 | 3.0563% | 1832 |
| 0.213514 | 4.683525 | 3.1604% | 1831 | 0.206973 | 4.831544 | 3.4660% | 1830 |
| 0.200040 | 4.999004 | 2.4653% | 1829 | 0.195227 | 5.122244 | 2.6804% | 1828 |
| 0.190131 | 5.259541 | 10.3427% | 1827 | 0.172309 | 5.803517 | -4.2314% | 1826 |
| 0.179923 | 5.557945 | 2.9150% | 1825 | 0.174826 | 5.719961 | 3.0026% | 1824 |
| 0.169730 | 5.891706 | 3.0955% | 1823 | 0.164634 | 6.074085 | 3.1944% | 1822 |
| 0.159538 | 6.268115 | 3.3102% | 1821 | 0.154426 | 6.475601 | 3.2277% | 1820 |
| 0.149597 | 6.684617 | 2.6573% | 1819 | 0.145725 | 6.862245 | 2.6261% | 1818 |
| 0.141996 | 7.042455 | 2.6969% | 1817 | 0.138267 | 7.232386 | 2.7717% | 1816 |
| 0.134538 | 7.432844 | 2.8507% | 1815 | 0.130809 | 7.644732 | 2.9343% | 1814 |
| 0.127080 | 7.869055 | 3.0231% | 1813 | 0.123351 | 8.106940 | 3.1039% | 1812 |
| 0.119638 | 8.358571 | 3.2172% | 1811 | 0.115909 | 8.627480 | 3.0969% | 1810 |
| 0.112427 | 8.894666 | 2.9144% | 1809 | 0.109243 | 9.153890 | 2.8225% | 1808 |
| 0.106244 | 9.412255 | 2.9199% | 1807 | 0.103230 | 9.687086 | 2.9918% | 1806 |
| 0.100232 | 9.976903 | 3.0841% | 1805 | 0.097233 | 10.284596 | 3.1822% | 1804 |
| 0.094234 | 10.611871 | 3.2868% | 1803 | 0.091235 | 10.960661 | 3.3985% | 1802 |
| 0.088237 | 11.333157 | 3.5180% | 1801 | 0.085238 | 11.731863 | 3.3999% | 1800 |
| 0.082435 | 12.130740 | 2.8419% | 1799 | 0.080157 | 12.475480 | 2.7485% | 1798 |
| 0.078013 | 12.818363 | 2.8261% | 1797 | 0.075869 | 13.180627 | 3.7832% | 1796 |
| 0.073103 | 13.679277 | 2.1272% | 1795 | 0.071581 | 13.970263 | 3.0879% | 1794 |
| 0.069436 | 14.401656 | 3.1625% | 1793 | 0.067308 | 14.857110 | 3.2904% | 1792 |

0.065164 15.345970 3.4024% 1791 0.063020 15.868097 3.2296% 1790
0.061048 16.380567 41.3145% 1780 0.043200 23.148108 29.4353% 1770
0.033376 29.961827 83.4728% 1750 0.018191 54.971814 29.2845% 1740
0.014071 71.070009 94.2514% 1720 0.007244 138.054483 85.8111% 1700
0.003898 256.520526 19.2490% 1690 0.003269 305.898289 88.0250%
1670 0.001739 575.165326

BASE YEAR: 1890

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 4.807380 0.208014 8.2857% 2001 4.439535 0.225249 1.0000%
2000 4.395579 0.227501 1.0000% 1999 4.352058 0.229776 1.0000% 1998
4.308968 0.232074 1.0000% 1997 4.266305 0.234395 1.0000% 1996
4.224065 0.236739 1.0000% 1995 4.182242 0.239106 0.9992% 1994
4.140866 0.241495 1.0008% 1993 4.099835 0.243912 1.0000% 1992
4.059243 0.246351 0.9295% 1991 4.021860 0.248641 1.2505% 1990
3.972187 0.251750 0.7224% 1989 3.943696 0.253569 1.1077% 1988
3.900491 0.256378 0.8834% 1987 3.866337 0.258643 0.5594% 1986
3.844831 0.260089 1.3056% 1985 3.795278 0.263485 0.7673% 1984
3.766380 0.265507 0.8149% 1983 3.735934 0.267671 0.9737% 1982
3.699906 0.270277 0.9508% 1981 3.665058 0.272847 0.9031% 1980
3.632257 0.275311 2.2701% 1979 3.551632 0.281561 1.0042% 1978
3.516322 0.284388 0.9896% 1977 3.481865 0.287202 0.9103% 1976
3.450455 0.289817 0.8394% 1975 3.421731 0.292250 0.9042% 1974
3.391070 0.294892 1.1568% 1973 3.352291 0.298303 0.9427% 1972
3.320984 0.301116 0.7426% 1971 3.296503 0.303352 1.4697% 1970
3.248755 0.307810 0.6968% 1969 3.226274 0.309955 0.8565% 1968
3.198874 0.312610 1.5090% 1967 3.151320 0.317327 0.9949% 1966
3.120276 0.320485 1.0575% 1965 3.087625 0.323874 1.1300% 1964
3.053124 0.327533 1.5537% 1963 3.006415 0.332622 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.962983 | 0.337498 | 1.5364% | 1961 | 2.918148 | 0.342683 | 2.1586% | 1960 |
| 2.856486 | 0.350080 | -1.6655% | 1959 | 2.904866 | 0.344250 | 4.3080% | 1958 |
| 2.784893 | 0.359080 | 2.1130% | 1957 | 2.727267 | 0.366667 | 1.9895% | 1956 |
| 2.674067 | 0.373962 | 2.1231% | 1955 | 2.618474 | 0.381902 | 1.4496% | 1954 |
| 2.581059 | 0.387438 | 2.1573% | 1953 | 2.526555 | 0.395796 | 1.2298% | 1952 |
| 2.495862 | 0.400663 | 1.6814% | 1951 | 2.454591 | 0.407400 | 1.6233% | 1950 |
| 2.415383 | 0.414013 | 1.4265% | 1949 | 2.381411 | 0.419919 | 1.7790% | 1948 |
| 2.339785 | 0.427390 | 1.8242% | 1947 | 2.297868 | 0.435186 | -2.6320% | 1946 |
| 2.359984 | 0.423732 | 3.1768% | 1945 | 2.287320 | 0.437193 | 6.4754% | 1944 |
| 2.148214 | 0.465503 | -0.3437% | 1943 | 2.155623 | 0.463903 | 0.6562% | 1942 |
| 2.141569 | 0.466947 | 0.6633% | 1941 | 2.127458 | 0.470045 | -5.6614% | 1940 |
| 2.255131 | 0.443433 | 8.0381% | 1939 | 2.087347 | 0.479077 | 0.8126% | 1938 |
| 2.070522 | 0.482970 | 0.7762% | 1937 | 2.054573 | 0.486719 | 0.6029% | 1936 |
| 2.042261 | 0.489653 | 0.5244% | 1935 | 2.031607 | 0.492221 | -3.0364% | 1934 |
| 2.095226 | 0.477276 | 4.6271% | 1933 | 2.002565 | 0.499360 | 1.3921% | 1932 |
| 1.975069 | 0.506311 | -0.2051% | 1931 | 1.979128 | 0.505273 | 0.8886% | 1930 |
| 1.961697 | 0.509763 | 1.0126% | 1929 | 1.942032 | 0.514925 | 1.1526% | 1928 |
| 1.919903 | 0.520860 | 1.2160% | 1927 | 1.896838 | 0.527193 | 1.4086% | 1926 |
| 1.870490 | 0.534619 | 1.7667% | 1925 | 1.838018 | 0.544064 | 1.4465% | 1924 |
| 1.811810 | 0.551934 | 1.7700% | 1923 | 1.780300 | 0.561703 | 1.6165% | 1922 |
| 1.751979 | 0.570783 | 1.3736% | 1921 | 1.728239 | 0.578624 | 2.3393% | 1920 |
| 1.688734 | 0.592160 | 1.3140% | 1919 | 1.666832 | 0.599941 | 0.7676% | 1918 |
| 1.654134 | 0.604546 | 0.3870% | 1917 | 1.647757 | 0.606886 | 1.3274% | 1916 |
| 1.626171 | 0.614942 | 1.4083% | 1915 | 1.603588 | 0.623602 | 1.4458% | 1914 |
| 1.580733 | 0.632618 | 1.9424% | 1913 | 1.550615 | 0.644906 | 1.9857% | 1912 |
| 1.520424 | 0.657711 | 1.5634% | 1911 | 1.497019 | 0.667994 | 1.8169% | 1910 |
| 1.470305 | 0.680131 | 1.8781% | 1909 | 1.443201 | 0.692904 | 2.0082% | 1908 |
| 1.414789 | 0.706819 | 1.9603% | 1907 | 1.387588 | 0.720675 | 1.8264% | 1906 |
| 1.362701 | 0.733837 | 1.9357% | 1905 | 1.336824 | 0.748042 | 2.0148% | 1904 |
| 1.310421 | 0.763113 | 2.1335% | 1903 | 1.283047 | 0.779395 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.260173 | 0.793542 | 1.8943% | 1901 | 1.236745 | 0.808574 | 3.0255% | 1900 |
| 1.200426 | 0.833038 | 0.6278% | 1899 | 1.192936 | 0.838268 | 1.7757% | 1898 |
| 1.172123 | 0.853153 | 1.8078% | 1897 | 1.151310 | 0.868575 | 1.8396% | 1896 |
| 1.130514 | 0.884554 | 1.8755% | 1895 | 1.109701 | 0.901144 | 1.9114% | 1894 |
| 1.088888 | 0.918368 | 1.9486% | 1893 | 1.068075 | 0.936264 | 1.9858% | 1892 |
| 1.047278 | 0.954856 | 2.0276% | 1891 | 1.026465 | 0.974217 | 2.6465% | 1890 |
| 1.000000 | 1.000000 | 1.5328% | 1889 | 0.984903 | 1.015328 | 2.0811% | 1888 |
| 0.964824 | 1.036458 | 2.1599% | 1887 | 0.944426 | 1.058844 | 2.2075% | 1886 |
| 0.924028 | 1.082219 | 2.2592% | 1885 | 0.903613 | 1.106668 | 2.3095% | 1884 |
| 0.883215 | 1.132227 | 2.3641% | 1883 | 0.862817 | 1.158994 | 2.4214% | 1882 |
| 0.842419 | 1.187058 | 2.4815% | 1881 | 0.822021 | 1.216515 | 3.7644% | 1880 |
| 0.792199 | 1.262309 | 0.9432% | 1879 | 0.784797 | 1.274215 | 2.1464% | 1878 |
| 0.768306 | 1.301565 | 2.1913% | 1877 | 0.751831 | 1.330086 | 2.2426% | 1876 |
| 0.735340 | 1.359915 | 2.2941% | 1875 | 0.718849 | 1.391112 | 2.3456% | 1874 |
| 0.702375 | 1.423742 | 2.4043% | 1873 | 0.685884 | 1.457973 | 2.4635% | 1872 |
| 0.669393 | 1.493891 | 2.5258% | 1871 | 0.652902 | 1.531623 | 5.9947% | 1870 |
| 0.615976 | 1.623439 | -1.0968% | 1869 | 0.622807 | 1.605633 | 2.1930% | 1868 |
| 0.609442 | 1.640845 | 2.2394% | 1867 | 0.596093 | 1.677590 | 2.2935% | 1866 |
| 0.582728 | 1.716065 | 2.3445% | 1865 | 0.569379 | 1.756298 | 2.4037% | 1864 |
| 0.556015 | 1.798514 | 2.4599% | 1863 | 0.542666 | 1.842755 | 2.5250% | 1862 |
| 0.529301 | 1.889285 | 2.5872% | 1861 | 0.515952 | 1.938165 | 2.9504% | 1860 |
| 0.501165 | 1.995349 | 2.4012% | 1859 | 0.489413 | 2.043262 | 2.7627% | 1858 |
| 0.476256 | 2.099712 | 2.8412% | 1857 | 0.463098 | 2.159369 | 2.9243% | 1856 |
| 0.449941 | 2.222515 | 3.0161% | 1855 | 0.436767 | 2.289549 | 3.1061% | 1854 |
| 0.423610 | 2.360664 | 3.2056% | 1853 | 0.410452 | 2.436338 | 3.3118% | 1852 |
| 0.397295 | 2.517024 | 3.4252% | 1851 | 0.384137 | 2.603238 | 4.0106% | 1850 |
| 0.369325 | 2.707644 | 2.3254% | 1849 | 0.360932 | 2.770606 | 2.7841% | 1848 |
| 0.351155 | 2.847742 | 2.8590% | 1847 | 0.341395 | 2.929160 | 2.9432% | 1846 |
| 0.331634 | 3.015369 | 3.0324% | 1845 | 0.321874 | 3.106808 | 3.1325% | 1844 |
| 0.312097 | 3.204129 | 3.2284% | 1843 | 0.302337 | 3.307569 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|------------|----------|------|
| 0.292576 | 3.417912 | 3.4512% | 1841 | 0.282816 | 3.535871 | 3.8105% | 1840 |
| 0.272435 | 3.670604 | 2.3861% | 1839 | 0.266086 | 3.758187 | 2.5824% | 1838 |
| 0.259387 | 3.855238 | 2.6573% | 1837 | 0.252673 | 3.957684 | 2.7232% | 1836 |
| 0.245975 | 4.065460 | 2.7994% | 1835 | 0.239276 | 4.179270 | 2.8871% | 1834 |
| 0.232562 | 4.299931 | 2.9657% | 1833 | 0.225863 | 4.427453 | 3.0563% | 1832 |
| 0.219165 | 4.562770 | 3.1604% | 1831 | 0.212451 | 4.706973 | 3.4660% | 1830 |
| 0.205334 | 4.870115 | 2.4653% | 1829 | 0.200394 | 4.990178 | 2.6804% | 1828 |
| 0.195163 | 5.123935 | 10.3427% | 1827 | 0.176870 | 5.653886 | -4.2314% | 1826 |
| 0.184684 | 5.414645 | 2.9150% | 1825 | 0.179453 | 5.572484 | 3.0026% | 1824 |
| 0.174222 | 5.739802 | 3.0955% | 1823 | 0.168991 | 5.917478 | 3.1944% | 1822 |
| 0.163760 | 6.106505 | 3.3102% | 1821 | 0.158513 | 6.308642 | 3.2277% | 1820 |
| 0.153556 | 6.512268 | 2.6573% | 1819 | 0.149582 | 6.685317 | 2.6261% | 1818 |
| 0.145754 | 6.860881 | 2.6969% | 1817 | 0.141926 | 7.045914 | 2.7717% | 1816 |
| 0.138099 | 7.241205 | 2.8507% | 1815 | 0.134271 | 7.447629 | 2.9343% | 1814 |
| 0.130443 | 7.666168 | 3.0231% | 1813 | 0.126616 | 7.897921 | 3.1039% | 1812 |
| 0.122804 | 8.143064 | 3.2172% | 1811 | 0.118976 | 8.405039 | 3.0969% | 1810 |
| 0.115402 | 8.665336 | 2.9144% | 1809 | 0.112134 | 8.917877 | 2.8225% | 1808 |
| 0.109056 | 9.169581 | 2.9199% | 1807 | 0.105962 | 9.437326 | 2.9918% | 1806 |
| 0.102884 | 9.719670 | 3.0841% | 1805 | 0.099806 | 10.019430 | 3.1822% | 1804 |
| 0.096728 | 10.338267 | 3.2868% | 1803 | 0.093650 | 10.678064 | 3.3985% | 1802 |
| 0.090572 | 11.040957 | 3.5180% | 1801 | 0.087494 | 11.429382 | 3.3999% | 1800 |
| 0.084617 | 11.817975 | 2.8419% | 1799 | 0.082279 | 12.153827 | 2.7485% | 1798 |
| 0.080078 | 12.487869 | 2.8261% | 1797 | 0.077877 | 12.840793 | 3.7832% | 1796 |
| 0.075038 | 13.326587 | 2.1272% | 1795 | 0.073475 | 13.610070 | 3.0879% | 1794 |
| 0.071274 | 14.030341 | 3.1625% | 1793 | 0.069089 | 14.474052 | 3.2904% | 1792 |
| 0.066888 | 14.950308 | 3.4024% | 1791 | 0.064687 | 15.458972 | 3.2296% | 1790 |
| 0.062664 | 15.958230 | 41.3145% | 1780 | 0.044343 | 22.551285 | 29.4353% | 1770 |
| 0.034259 | 29.189326 | 83.4728% | 1750 | 0.018673 | 53.554486 | 29.2845% | 1740 |
| 0.014443 | 69.237624 | 94.2514% | 1720 | 0.007435 | 134.495049 | 85.8111% | 1700 |

0.004001 249.906704 19.2490% 1690 0.003356 298.011369 88.0250%
1670 0.001785 560.335943

BASE YEAR: 1889

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 4.881068 | 0.204873 | 8.2857% | 2001 | 4.507585 | 0.221848 | 1.0000% |
| 2000 | 4.462955 | 0.224067 | 1.0000% | 1999 | 4.418767 | 0.226307 | 1.0000% |
| 1998 | 4.375017 | 0.228571 | 1.0000% | 1997 | 4.331700 | 0.230856 | 1.0000% |
| 1996 | 4.288812 | 0.233165 | 1.0000% | 1995 | 4.246348 | 0.235496 | 0.9992% |
| 1994 | 4.204338 | 0.237850 | 1.0008% | 1993 | 4.162678 | 0.240230 | 1.0000% |
| 1992 | 4.121464 | 0.242632 | 0.9295% | 1991 | 4.083507 | 0.244888 | 1.2505% |
| 1990 | 4.033073 | 0.247950 | 0.7224% | 1989 | 4.004145 | 0.249741 | 1.1077% |
| 1988 | 3.960279 | 0.252507 | 0.8834% | 1987 | 3.925601 | 0.254738 | 0.5594% |
| 1986 | 3.903765 | 0.256163 | 1.3056% | 1985 | 3.853453 | 0.259508 | 0.7673% |
| 1984 | 3.824111 | 0.261499 | 0.8149% | 1983 | 3.793199 | 0.263630 | 0.9737% |
| 1982 | 3.756619 | 0.266197 | 0.9508% | 1981 | 3.721237 | 0.268728 | 0.9031% |
| 1980 | 3.687933 | 0.271155 | 2.2701% | 1979 | 3.606072 | 0.277310 | 1.0042% |
| 1978 | 3.570221 | 0.280095 | 0.9896% | 1977 | 3.535236 | 0.282867 | 0.9103% |
| 1976 | 3.503344 | 0.285442 | 0.8394% | 1975 | 3.474180 | 0.287838 | 0.9042% |
| 1974 | 3.443049 | 0.290440 | 1.1568% | 1973 | 3.403676 | 0.293800 | 0.9427% |
| 1972 | 3.371889 | 0.296570 | 0.7426% | 1971 | 3.347033 | 0.298772 | 1.4697% |
| 1970 | 3.298553 | 0.303163 | 0.6968% | 1969 | 3.275727 | 0.305276 | 0.8565% |
| 1968 | 3.247907 | 0.307891 | 1.5090% | 1967 | 3.199624 | 0.312537 | 0.9949% |
| 1966 | 3.168104 | 0.315646 | 1.0575% | 1965 | 3.134953 | 0.318984 | 1.1300% |
| 1964 | 3.099923 | 0.322589 | 1.5537% | 1963 | 3.052498 | 0.327601 | 1.4658% |
| 1962 | 3.008400 | 0.332403 | 1.5364% | 1961 | 2.962877 | 0.337510 | 2.1586% |
| 1960 | 2.900271 | 0.344795 | -1.6655% | 1959 | 2.949393 | 0.339053 | 4.3080% |
| 1958 | 2.827581 | 0.353659 | 2.1130% | 1957 | 2.769071 | 0.361132 | 1.9895% |
| 1956 | 2.715055 | 0.368317 | 2.1231% | 1955 | 2.658611 | 0.376136 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.620622 | 0.381589 | 2.1573% | 1953 | 2.565282 | 0.389821 | 1.2298% | 1952 |
| 2.534119 | 0.394615 | 1.6814% | 1951 | 2.492215 | 0.401249 | 1.6233% | 1950 |
| 2.452406 | 0.407763 | 1.4265% | 1949 | 2.417914 | 0.413580 | 1.7790% | 1948 |
| 2.375650 | 0.420937 | 1.8242% | 1947 | 2.333090 | 0.428616 | -2.6320% | 1946 |
| 2.396158 | 0.417335 | 3.1768% | 1945 | 2.322381 | 0.430593 | 6.4754% | 1944 |
| 2.181143 | 0.458475 | -0.3437% | 1943 | 2.188665 | 0.456900 | 0.6562% | 1942 |
| 2.174396 | 0.459898 | 0.6633% | 1941 | 2.160068 | 0.462948 | -5.6614% | 1940 |
| 2.289698 | 0.436739 | 8.0381% | 1939 | 2.119343 | 0.471844 | 0.8126% | 1938 |
| 2.102259 | 0.475679 | 0.7762% | 1937 | 2.086066 | 0.479371 | 0.6029% | 1936 |
| 2.073565 | 0.482261 | 0.5244% | 1935 | 2.062748 | 0.484790 | -3.0364% | 1934 |
| 2.127342 | 0.470070 | 4.6271% | 1933 | 2.033260 | 0.491821 | 1.3921% | 1932 |
| 2.005344 | 0.498668 | -0.2051% | 1931 | 2.009465 | 0.497645 | 0.8886% | 1930 |
| 1.991766 | 0.502067 | 1.0126% | 1929 | 1.971800 | 0.507151 | 1.1526% | 1928 |
| 1.949332 | 0.512996 | 1.2160% | 1927 | 1.925913 | 0.519234 | 1.4086% | 1926 |
| 1.899162 | 0.526548 | 1.7667% | 1925 | 1.866192 | 0.535851 | 1.4465% | 1924 |
| 1.839582 | 0.543602 | 1.7700% | 1923 | 1.807588 | 0.553223 | 1.6165% | 1922 |
| 1.778833 | 0.562166 | 1.3736% | 1921 | 1.754730 | 0.569888 | 2.3393% | 1920 |
| 1.714619 | 0.583220 | 1.3140% | 1919 | 1.692381 | 0.590883 | 0.7676% | 1918 |
| 1.679489 | 0.595419 | 0.3870% | 1917 | 1.673014 | 0.597724 | 1.3274% | 1916 |
| 1.651097 | 0.605658 | 1.4083% | 1915 | 1.628168 | 0.614187 | 1.4458% | 1914 |
| 1.604963 | 0.623067 | 1.9424% | 1913 | 1.574383 | 0.635170 | 1.9857% | 1912 |
| 1.543729 | 0.647782 | 1.5634% | 1911 | 1.519966 | 0.657909 | 1.8169% | 1910 |
| 1.492842 | 0.669863 | 1.8781% | 1909 | 1.465323 | 0.682444 | 2.0082% | 1908 |
| 1.436475 | 0.696149 | 1.9603% | 1907 | 1.408858 | 0.709795 | 1.8264% | 1906 |
| 1.383588 | 0.722758 | 1.9357% | 1905 | 1.357315 | 0.736749 | 2.0148% | 1904 |
| 1.330508 | 0.751593 | 2.1335% | 1903 | 1.302714 | 0.767628 | 1.8151% | 1902 |
| 1.279489 | 0.781562 | 1.8943% | 1901 | 1.255702 | 0.796367 | 3.0255% | 1900 |
| 1.218826 | 0.820461 | 0.6278% | 1899 | 1.211222 | 0.825613 | 1.7757% | 1898 |
| 1.190090 | 0.840273 | 1.8078% | 1897 | 1.168958 | 0.855463 | 1.8396% | 1896 |
| 1.147842 | 0.871200 | 1.8755% | 1895 | 1.126710 | 0.887540 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.105578 | 0.904504 | 1.9486% | 1893 | 1.084447 | 0.922129 | 1.9858% | 1892 |
| 1.063331 | 0.940441 | 2.0276% | 1891 | 1.042199 | 0.959510 | 2.6465% | 1890 |
| 1.015328 | 0.984903 | 1.5328% | 1889 | 1.000000 | 1.000000 | 2.0811% | 1888 |
| 0.979613 | 1.020811 | 2.1599% | 1887 | 0.958902 | 1.042859 | 2.2075% | 1886 |
| 0.938191 | 1.065881 | 2.2592% | 1885 | 0.917464 | 1.089961 | 2.3095% | 1884 |
| 0.896753 | 1.115134 | 2.3641% | 1883 | 0.876042 | 1.141497 | 2.4214% | 1882 |
| 0.855332 | 1.169137 | 2.4815% | 1881 | 0.834621 | 1.198149 | 3.7644% | 1880 |
| 0.804342 | 1.243252 | 0.9432% | 1879 | 0.796826 | 1.254979 | 2.1464% | 1878 |
| 0.780083 | 1.281916 | 2.1913% | 1877 | 0.763355 | 1.310006 | 2.2426% | 1876 |
| 0.746612 | 1.339384 | 2.2941% | 1875 | 0.729868 | 1.370111 | 2.3456% | 1874 |
| 0.713141 | 1.402248 | 2.4043% | 1873 | 0.696397 | 1.435962 | 2.4635% | 1872 |
| 0.679653 | 1.471338 | 2.5258% | 1871 | 0.662910 | 1.508501 | 5.9947% | 1870 |
| 0.625418 | 1.598930 | -1.0968% | 1869 | 0.632354 | 1.581394 | 2.1930% | 1868 |
| 0.618784 | 1.616073 | 2.2394% | 1867 | 0.605230 | 1.652263 | 2.2935% | 1866 |
| 0.591661 | 1.690158 | 2.3445% | 1865 | 0.578107 | 1.729783 | 2.4037% | 1864 |
| 0.564537 | 1.771362 | 2.4599% | 1863 | 0.550984 | 1.814936 | 2.5250% | 1862 |
| 0.537414 | 1.860763 | 2.5872% | 1861 | 0.523860 | 1.908905 | 2.9504% | 1860 |
| 0.508847 | 1.965226 | 2.4012% | 1859 | 0.496915 | 2.012416 | 2.7627% | 1858 |
| 0.483556 | 2.068013 | 2.8412% | 1857 | 0.470197 | 2.126769 | 2.9243% | 1856 |
| 0.456838 | 2.188962 | 3.0161% | 1855 | 0.443462 | 2.254984 | 3.1061% | 1854 |
| 0.430103 | 2.325025 | 3.2056% | 1853 | 0.416744 | 2.399557 | 3.3118% | 1852 |
| 0.403384 | 2.479025 | 3.4252% | 1851 | 0.390025 | 2.563938 | 4.0106% | 1850 |
| 0.374986 | 2.666767 | 2.3254% | 1849 | 0.366464 | 2.728779 | 2.7841% | 1848 |
| 0.356538 | 2.804751 | 2.8590% | 1847 | 0.346628 | 2.884939 | 2.9432% | 1846 |
| 0.336718 | 2.969847 | 3.0324% | 1845 | 0.326808 | 3.059905 | 3.1325% | 1844 |
| 0.316881 | 3.155757 | 3.2284% | 1843 | 0.306971 | 3.257636 | 3.3361% | 1842 |
| 0.297061 | 3.366312 | 3.4512% | 1841 | 0.287151 | 3.482490 | 3.8105% | 1840 |
| 0.276611 | 3.615190 | 2.3861% | 1839 | 0.270164 | 3.701450 | 2.5824% | 1838 |
| 0.263363 | 3.797036 | 2.6573% | 1837 | 0.256546 | 3.897936 | 2.7232% | 1836 |
| 0.249745 | 4.004085 | 2.7994% | 1835 | 0.242944 | 4.116177 | 2.8871% | 1834 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.236127 | 4.235016 | 2.9657% | 1833 | 0.229326 | 4.360613 | 3.0563% | 1832 |
| 0.222524 | 4.493887 | 3.1604% | 1831 | 0.215707 | 4.635913 | 3.4660% | 1830 |
| 0.208481 | 4.796592 | 2.4653% | 1829 | 0.203465 | 4.914843 | 2.6804% | 1828 |
| 0.198154 | 5.046580 | 10.3427% | 1827 | 0.179581 | 5.568530 | -4.2314% | 1826 |
| 0.187515 | 5.332902 | 2.9150% | 1825 | 0.182204 | 5.488358 | 3.0026% | 1824 |
| 0.176893 | 5.653149 | 3.0955% | 1823 | 0.171581 | 5.828143 | 3.1944% | 1822 |
| 0.166270 | 6.014316 | 3.3102% | 1821 | 0.160942 | 6.213402 | 3.2277% | 1820 |
| 0.155910 | 6.413954 | 2.6573% | 1819 | 0.151874 | 6.584391 | 2.6261% | 1818 |
| 0.147988 | 6.757304 | 2.6969% | 1817 | 0.144102 | 6.939544 | 2.7717% | 1816 |
| 0.140215 | 7.131886 | 2.8507% | 1815 | 0.136329 | 7.335194 | 2.9343% | 1814 |
| 0.132443 | 7.550434 | 3.0231% | 1813 | 0.128556 | 7.778687 | 3.1039% | 1812 |
| 0.124686 | 8.020130 | 3.2172% | 1811 | 0.120800 | 8.278150 | 3.0969% | 1810 |
| 0.117171 | 8.534517 | 2.9144% | 1809 | 0.113853 | 8.783246 | 2.8225% | 1808 |
| 0.110728 | 9.031149 | 2.9199% | 1807 | 0.107586 | 9.294852 | 2.9918% | 1806 |
| 0.104461 | 9.572934 | 3.0841% | 1805 | 0.101336 | 9.868169 | 3.1822% | 1804 |
| 0.098211 | 10.182193 | 3.2868% | 1803 | 0.095085 | 10.516860 | 3.3985% | 1802 |
| 0.091960 | 10.874274 | 3.5180% | 1801 | 0.088835 | 11.256836 | 3.3999% | 1800 |
| 0.085914 | 11.639562 | 2.8419% | 1799 | 0.083540 | 11.970343 | 2.7485% | 1798 |
| 0.081305 | 12.299343 | 2.8261% | 1797 | 0.079071 | 12.646938 | 3.7832% | 1796 |
| 0.076188 | 13.125399 | 2.1272% | 1795 | 0.074601 | 13.404602 | 3.0879% | 1794 |
| 0.072367 | 13.818528 | 3.1625% | 1793 | 0.070148 | 14.255540 | 3.2904% | 1792 |
| 0.067914 | 14.724607 | 3.4024% | 1791 | 0.065679 | 15.225592 | 3.2296% | 1790 |
| 0.063624 | 15.717312 | 41.3145% | 1780 | 0.045023 | 22.210833 | 29.4353% | 1770 |
| 0.034784 | 28.748662 | 83.4728% | 1750 | 0.018959 | 52.745986 | 29.2845% | 1740 |
| 0.014664 | 68.192359 | 94.2514% | 1720 | 0.007549 | 132.464607 | 85.8111% | 1700 |
| 0.004063 | 246.133918 | 19.2490% | 1690 | 0.003407 | 293.512357 | 88.0250% | 1670 |
| 0.001812 | 551.876676 | | | | | | |

BASE YEAR: 1888

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 4.982649 | 0.200696 | 8.2857% | 2001 | 4.601393 | 0.217325 | 1.0000% |
| 2000 | 4.555835 | 0.219499 | 1.0000% | 1999 | 4.510727 | 0.221694 | 1.0000% |
| 1998 | 4.466067 | 0.223911 | 1.0000% | 1997 | 4.421848 | 0.226150 | 1.0000% |
| 1996 | 4.378068 | 0.228411 | 1.0000% | 1995 | 4.334720 | 0.230695 | 0.9992% |
| 1994 | 4.291835 | 0.233001 | 1.0008% | 1993 | 4.249309 | 0.235332 | 1.0000% |
| 1992 | 4.207237 | 0.237686 | 0.9295% | 1991 | 4.168490 | 0.239895 | 1.2505% |
| 1990 | 4.117007 | 0.242895 | 0.7224% | 1989 | 4.087477 | 0.244650 | 1.1077% |
| 1988 | 4.042697 | 0.247360 | 0.8834% | 1987 | 4.007298 | 0.249545 | 0.5594% |
| 1986 | 3.985007 | 0.250941 | 1.3056% | 1985 | 3.933649 | 0.254217 | 0.7673% |
| 1984 | 3.903696 | 0.256167 | 0.8149% | 1983 | 3.872140 | 0.258255 | 0.9737% |
| 1982 | 3.834799 | 0.260770 | 0.9508% | 1981 | 3.798681 | 0.263249 | 0.9031% |
| 1980 | 3.764683 | 0.265627 | 2.2701% | 1979 | 3.681119 | 0.271656 | 1.0042% |
| 1978 | 3.644522 | 0.274384 | 0.9896% | 1977 | 3.608809 | 0.277100 | 0.9103% |
| 1976 | 3.576253 | 0.279622 | 0.8394% | 1975 | 3.546482 | 0.281970 | 0.9042% |
| 1974 | 3.514703 | 0.284519 | 1.1568% | 1973 | 3.474511 | 0.287810 | 0.9427% |
| 1972 | 3.442062 | 0.290524 | 0.7426% | 1971 | 3.416689 | 0.292681 | 1.4697% |
| 1970 | 3.367200 | 0.296983 | 0.6968% | 1969 | 3.343899 | 0.299052 | 0.8565% |
| 1968 | 3.315500 | 0.301614 | 1.5090% | 1967 | 3.266212 | 0.306165 | 0.9949% |
| 1966 | 3.234036 | 0.309211 | 1.0575% | 1965 | 3.200195 | 0.312481 | 1.1300% |
| 1964 | 3.164436 | 0.316012 | 1.5537% | 1963 | 3.116024 | 0.320922 | 1.4658% |
| 1962 | 3.071009 | 0.325626 | 1.5364% | 1961 | 3.024539 | 0.330629 | 2.1586% |
| 1960 | 2.960629 | 0.337766 | -1.6655% | 1959 | 3.010773 | 0.332141 | 4.3080% |
| 1958 | 2.886426 | 0.346449 | 2.1130% | 1957 | 2.826699 | 0.353770 | 1.9895% |
| 1956 | 2.771559 | 0.360808 | 2.1231% | 1955 | 2.713940 | 0.368468 | 1.4496% |
| 1954 | 2.675160 | 0.373809 | 2.1573% | 1953 | 2.618669 | 0.381873 | 1.2298% |
| 1952 | 2.586857 | 0.386569 | 1.6814% | 1951 | 2.544081 | 0.393069 | 1.6233% |
| 1950 | 2.503444 | 0.399450 | 1.4265% | 1949 | 2.468233 | 0.405148 | 1.7790% |
| 1948 | 2.425090 | 0.412356 | 1.8242% | 1947 | 2.381645 | 0.419878 | -2.6320% |
| 1946 | 2.446025 | 0.408827 | 3.1768% | 1945 | 2.370713 | 0.421814 | 6.4754% |
| 1944 | 2.226535 | 0.449128 | -0.3437% | 1943 | 2.234214 | 0.447585 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.219648 | 0.450522 | 0.6633% | 1941 | 2.205022 | 0.453510 | -5.6614% | 1940 |
| 2.337349 | 0.427835 | 8.0381% | 1939 | 2.163449 | 0.462225 | 0.8126% | 1938 |
| 2.146010 | 0.465981 | 0.7762% | 1937 | 2.129480 | 0.469598 | 0.6029% | 1936 |
| 2.116718 | 0.472429 | 0.5244% | 1935 | 2.105676 | 0.474907 | -3.0364% | 1934 |
| 2.171615 | 0.460487 | 4.6271% | 1933 | 2.075575 | 0.481794 | 1.3921% | 1932 |
| 2.047077 | 0.488501 | -0.2051% | 1931 | 2.051284 | 0.487499 | 0.8886% | 1930 |
| 2.033217 | 0.491831 | 1.0126% | 1929 | 2.012836 | 0.496812 | 1.1526% | 1928 |
| 1.989900 | 0.502538 | 1.2160% | 1927 | 1.965994 | 0.508649 | 1.4086% | 1926 |
| 1.938686 | 0.515813 | 1.7667% | 1925 | 1.905030 | 0.524926 | 1.4465% | 1924 |
| 1.877866 | 0.532519 | 1.7700% | 1923 | 1.845207 | 0.541945 | 1.6165% | 1922 |
| 1.815853 | 0.550705 | 1.3736% | 1921 | 1.791248 | 0.558270 | 2.3393% | 1920 |
| 1.750303 | 0.571330 | 1.3140% | 1919 | 1.727602 | 0.578837 | 0.7676% | 1918 |
| 1.714441 | 0.583280 | 0.3870% | 1917 | 1.707832 | 0.585538 | 1.3274% | 1916 |
| 1.685459 | 0.593310 | 1.4083% | 1915 | 1.662052 | 0.601666 | 1.4458% | 1914 |
| 1.638365 | 0.610365 | 1.9424% | 1913 | 1.607148 | 0.622220 | 1.9857% | 1912 |
| 1.575856 | 0.634576 | 1.5634% | 1911 | 1.551598 | 0.644497 | 1.8169% | 1910 |
| 1.523910 | 0.656207 | 1.8781% | 1909 | 1.495818 | 0.668531 | 2.0082% | 1908 |
| 1.466370 | 0.681956 | 1.9603% | 1907 | 1.438178 | 0.695324 | 1.8264% | 1906 |
| 1.412383 | 0.708023 | 1.9357% | 1905 | 1.385563 | 0.721728 | 2.0148% | 1904 |
| 1.358197 | 0.736270 | 2.1335% | 1903 | 1.329825 | 0.751979 | 1.8151% | 1902 |
| 1.306117 | 0.765628 | 1.8943% | 1901 | 1.281835 | 0.780132 | 3.0255% | 1900 |
| 1.244192 | 0.803735 | 0.6278% | 1899 | 1.236429 | 0.808781 | 1.7757% | 1898 |
| 1.214857 | 0.823142 | 1.8078% | 1897 | 1.193286 | 0.838022 | 1.8396% | 1896 |
| 1.171730 | 0.853439 | 1.8755% | 1895 | 1.150159 | 0.869445 | 1.9114% | 1894 |
| 1.128587 | 0.886064 | 1.9486% | 1893 | 1.107015 | 0.903330 | 1.9858% | 1892 |
| 1.085460 | 0.921268 | 2.0276% | 1891 | 1.063889 | 0.939948 | 2.6465% | 1890 |
| 1.036458 | 0.964824 | 1.5328% | 1889 | 1.020811 | 0.979613 | 2.0811% | 1888 |
| 1.000000 | 1.000000 | 2.1599% | 1887 | 0.978858 | 1.021599 | 2.2075% | 1886 |
| 0.957716 | 1.044151 | 2.2592% | 1885 | 0.936558 | 1.067740 | 2.3095% | 1884 |
| 0.915416 | 1.092400 | 2.3641% | 1883 | 0.894274 | 1.118226 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.873132 | 1.145302 | 2.4815% | 1881 | 0.851990 | 1.173722 | 3.7644% | 1880 |
| 0.821081 | 1.217906 | 0.9432% | 1879 | 0.813409 | 1.229394 | 2.1464% | 1878 |
| 0.796317 | 1.255781 | 2.1913% | 1877 | 0.779242 | 1.283299 | 2.2426% | 1876 |
| 0.762150 | 1.312078 | 2.2941% | 1875 | 0.745058 | 1.342178 | 2.3456% | 1874 |
| 0.727982 | 1.373660 | 2.4043% | 1873 | 0.710890 | 1.406687 | 2.4635% | 1872 |
| 0.693798 | 1.441342 | 2.5258% | 1871 | 0.676706 | 1.477747 | 5.9947% | 1870 |
| 0.638434 | 1.566333 | -1.0968% | 1869 | 0.645514 | 1.549154 | 2.1930% | 1868 |
| 0.631662 | 1.583126 | 2.2394% | 1867 | 0.617826 | 1.618579 | 2.2935% | 1866 |
| 0.603974 | 1.655701 | 2.3445% | 1865 | 0.590138 | 1.694518 | 2.4037% | 1864 |
| 0.576286 | 1.735249 | 2.4599% | 1863 | 0.562450 | 1.777935 | 2.5250% | 1862 |
| 0.548598 | 1.822828 | 2.5872% | 1861 | 0.534763 | 1.869989 | 2.9504% | 1860 |
| 0.519437 | 1.925161 | 2.4012% | 1859 | 0.507257 | 1.971389 | 2.7627% | 1858 |
| 0.493619 | 2.025852 | 2.8412% | 1857 | 0.479982 | 2.083411 | 2.9243% | 1856 |
| 0.466345 | 2.144336 | 3.0161% | 1855 | 0.452691 | 2.209012 | 3.1061% | 1854 |
| 0.439054 | 2.277625 | 3.2056% | 1853 | 0.425417 | 2.350637 | 3.3118% | 1852 |
| 0.411779 | 2.428485 | 3.4252% | 1851 | 0.398142 | 2.511667 | 4.0106% | 1850 |
| 0.382790 | 2.612400 | 2.3254% | 1849 | 0.374091 | 2.673147 | 2.7841% | 1848 |
| 0.363958 | 2.747570 | 2.8590% | 1847 | 0.353842 | 2.826124 | 2.9432% | 1846 |
| 0.343725 | 2.909301 | 3.0324% | 1845 | 0.333609 | 2.997523 | 3.1325% | 1844 |
| 0.323476 | 3.091420 | 3.2284% | 1843 | 0.313360 | 3.191222 | 3.3361% | 1842 |
| 0.303243 | 3.297683 | 3.4512% | 1841 | 0.293127 | 3.411493 | 3.8105% | 1840 |
| 0.282367 | 3.541487 | 2.3861% | 1839 | 0.275787 | 3.625989 | 2.5824% | 1838 |
| 0.268844 | 3.719626 | 2.6573% | 1837 | 0.261885 | 3.818469 | 2.7232% | 1836 |
| 0.254942 | 3.922453 | 2.7994% | 1835 | 0.248000 | 4.032260 | 2.8871% | 1834 |
| 0.241041 | 4.148676 | 2.9657% | 1833 | 0.234098 | 4.271713 | 3.0563% | 1832 |
| 0.227156 | 4.402270 | 3.1604% | 1831 | 0.220196 | 4.541401 | 3.4660% | 1830 |
| 0.212820 | 4.698804 | 2.4653% | 1829 | 0.207700 | 4.814644 | 2.6804% | 1828 |
| 0.202278 | 4.943695 | 10.3427% | 1827 | 0.183318 | 5.455005 | -4.2314% | 1826 |
| 0.191418 | 5.224180 | 2.9150% | 1825 | 0.185996 | 5.376466 | 3.0026% | 1824 |
| 0.180574 | 5.537898 | 3.0955% | 1823 | 0.175152 | 5.709324 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.169730 | 5.891702 | 3.3102% | 1821 | 0.164292 | 6.086729 | 3.2277% | 1820 |
| 0.159155 | 6.283193 | 2.6573% | 1819 | 0.155035 | 6.450155 | 2.6261% | 1818 |
| 0.151068 | 6.619543 | 2.6969% | 1817 | 0.147101 | 6.798067 | 2.7717% | 1816 |
| 0.143133 | 6.986488 | 2.8507% | 1815 | 0.139166 | 7.185652 | 2.9343% | 1814 |
| 0.135199 | 7.396503 | 3.0231% | 1813 | 0.131232 | 7.620103 | 3.1039% | 1812 |
| 0.127281 | 7.856623 | 3.2172% | 1811 | 0.123314 | 8.109383 | 3.0969% | 1810 |
| 0.119610 | 8.360524 | 2.9144% | 1809 | 0.116223 | 8.604181 | 2.8225% | 1808 |
| 0.113032 | 8.847031 | 2.9199% | 1807 | 0.109825 | 9.105358 | 2.9918% | 1806 |
| 0.106635 | 9.377771 | 3.0841% | 1805 | 0.103445 | 9.666986 | 3.1822% | 1804 |
| 0.100255 | 9.974608 | 3.2868% | 1803 | 0.097064 | 10.302452 | 3.3985% | 1802 |
| 0.093874 | 10.652580 | 3.5180% | 1801 | 0.090684 | 11.027342 | 3.3999% | 1800 |
| 0.087702 | 11.402266 | 2.8419% | 1799 | 0.085278 | 11.726304 | 2.7485% | 1798 |
| 0.082997 | 12.048596 | 2.8261% | 1797 | 0.080716 | 12.389105 | 3.7832% | 1796 |
| 0.077774 | 12.857811 | 2.1272% | 1795 | 0.076154 | 13.131322 | 3.0879% | 1794 |
| 0.073873 | 13.536809 | 3.1625% | 1793 | 0.071608 | 13.964912 | 3.2904% | 1792 |
| 0.069327 | 14.424416 | 3.4024% | 1791 | 0.067046 | 14.915187 | 3.2296% | 1790 |
| 0.064948 | 15.396883 | 41.3145% | 1780 | 0.045960 | 21.758020 | 29.4353% | 1770 |
| 0.035508 | 28.162562 | 83.4728% | 1750 | 0.019353 | 51.670653 | 29.2845% | 1740 |
| 0.014970 | 66.802120 | 94.2514% | 1720 | 0.007706 | 129.764050 | 85.8111% | 1700 |
| 0.004147 | 241.115982 | 19.2490% | 1690 | 0.003478 | 287.528517 | 88.0250% | |
| 1670 | 0.001850 | 540.625559 | | | | | |

BASE YEAR: 1887

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.090267 | 0.196453 | 8.2857% | 2001 | 4.700777 | 0.212731 | 1.0000% |
| 2000 | 4.654234 | 0.214858 | 1.0000% | 1999 | 4.608152 | 0.217007 | 1.0000% |
| 1998 | 4.562527 | 0.219177 | 1.0000% | 1997 | 4.517354 | 0.221369 | 1.0000% |
| 1996 | 4.472627 | 0.223582 | 1.0000% | 1995 | 4.428344 | 0.225818 | 0.9992% |
| 1994 | 4.384533 | 0.228074 | 1.0008% | 1993 | 4.341088 | 0.230357 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.298107 | 0.232661 | 0.9295% | 1991 | 4.258524 | 0.234823 | 1.2505% | 1990 |
| 4.205928 | 0.237760 | 0.7224% | 1989 | 4.175760 | 0.239477 | 1.1077% | 1988 |
| 4.130013 | 0.242130 | 0.8834% | 1987 | 4.093850 | 0.244269 | 0.5594% | 1986 |
| 4.071078 | 0.245635 | 1.3056% | 1985 | 4.018610 | 0.248842 | 0.7673% | 1984 |
| 3.988010 | 0.250752 | 0.8149% | 1983 | 3.955773 | 0.252795 | 0.9737% | 1982 |
| 3.917625 | 0.255257 | 0.9508% | 1981 | 3.880727 | 0.257684 | 0.9031% | 1980 |
| 3.845995 | 0.260011 | 2.2701% | 1979 | 3.760626 | 0.265913 | 1.0042% | 1978 |
| 3.723238 | 0.268583 | 0.9896% | 1977 | 3.686754 | 0.271241 | 0.9103% | 1976 |
| 3.653495 | 0.273711 | 0.8394% | 1975 | 3.623081 | 0.276008 | 0.9042% | 1974 |
| 3.590616 | 0.278504 | 1.1568% | 1973 | 3.549555 | 0.281725 | 0.9427% | 1972 |
| 3.516406 | 0.284381 | 0.7426% | 1971 | 3.490484 | 0.286493 | 1.4697% | 1970 |
| 3.439926 | 0.290704 | 0.6968% | 1969 | 3.416122 | 0.292730 | 0.8565% | 1968 |
| 3.387110 | 0.295237 | 1.5090% | 1967 | 3.336757 | 0.299692 | 0.9949% | 1966 |
| 3.303887 | 0.302674 | 1.0575% | 1965 | 3.269315 | 0.305875 | 1.1300% | 1964 |
| 3.232784 | 0.309331 | 1.5537% | 1963 | 3.183326 | 0.314137 | 1.4658% | 1962 |
| 3.137338 | 0.318742 | 1.5364% | 1961 | 3.089864 | 0.323639 | 2.1586% | 1960 |
| 3.024575 | 0.330625 | -1.6655% | 1959 | 3.075802 | 0.325118 | 4.3080% | 1958 |
| 2.948769 | 0.339125 | 2.1130% | 1957 | 2.887752 | 0.346290 | 1.9895% | 1956 |
| 2.831421 | 0.353180 | 2.1231% | 1955 | 2.772557 | 0.360678 | 1.4496% | 1954 |
| 2.732940 | 0.365906 | 2.1573% | 1953 | 2.675228 | 0.373800 | 1.2298% | 1952 |
| 2.642729 | 0.378397 | 1.6814% | 1951 | 2.599030 | 0.384759 | 1.6233% | 1950 |
| 2.557514 | 0.391005 | 1.4265% | 1949 | 2.521544 | 0.396582 | 1.7790% | 1948 |
| 2.477468 | 0.403638 | 1.8242% | 1947 | 2.433085 | 0.411001 | -2.6320% | 1946 |
| 2.498856 | 0.400183 | 3.1768% | 1945 | 2.421916 | 0.412896 | 6.4754% | 1944 |
| 2.274625 | 0.439633 | -0.3437% | 1943 | 2.282469 | 0.438122 | 0.6562% | 1942 |
| 2.267589 | 0.440997 | 0.6633% | 1941 | 2.252647 | 0.443922 | -5.6614% | 1940 |
| 2.387832 | 0.418790 | 8.0381% | 1939 | 2.210176 | 0.452453 | 0.8126% | 1938 |
| 2.192360 | 0.456129 | 0.7762% | 1937 | 2.175473 | 0.459670 | 0.6029% | 1936 |
| 2.162436 | 0.462441 | 0.5244% | 1935 | 2.151156 | 0.464866 | -3.0364% | 1934 |
| 2.218518 | 0.450751 | 4.6271% | 1933 | 2.120405 | 0.471608 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.091291 | 0.478173 | -0.2051% | 1931 | 2.095589 | 0.477193 | 0.8886% | 1930 |
| 2.077132 | 0.481433 | 1.0126% | 1929 | 2.056310 | 0.486308 | 1.1526% | 1928 |
| 2.032879 | 0.491913 | 1.2160% | 1927 | 2.008456 | 0.497895 | 1.4086% | 1926 |
| 1.980558 | 0.504908 | 1.7667% | 1925 | 1.946176 | 0.513828 | 1.4465% | 1924 |
| 1.918425 | 0.521261 | 1.7700% | 1923 | 1.885060 | 0.530487 | 1.6165% | 1922 |
| 1.855073 | 0.539062 | 1.3736% | 1921 | 1.829936 | 0.546467 | 2.3393% | 1920 |
| 1.788107 | 0.559251 | 1.3140% | 1919 | 1.764915 | 0.566599 | 0.7676% | 1918 |
| 1.751470 | 0.570949 | 0.3870% | 1917 | 1.744719 | 0.573158 | 1.3274% | 1916 |
| 1.721862 | 0.580767 | 1.4083% | 1915 | 1.697950 | 0.588946 | 1.4458% | 1914 |
| 1.673751 | 0.597461 | 1.9424% | 1913 | 1.641860 | 0.609065 | 1.9857% | 1912 |
| 1.609892 | 0.621160 | 1.5634% | 1911 | 1.585111 | 0.630871 | 1.8169% | 1910 |
| 1.556824 | 0.642333 | 1.8781% | 1909 | 1.528125 | 0.654397 | 2.0082% | 1908 |
| 1.498041 | 0.667538 | 1.9603% | 1907 | 1.469240 | 0.680624 | 1.8264% | 1906 |
| 1.442888 | 0.693054 | 1.9357% | 1905 | 1.415489 | 0.706470 | 2.0148% | 1904 |
| 1.387532 | 0.720704 | 2.1335% | 1903 | 1.358547 | 0.736080 | 1.8151% | 1902 |
| 1.334327 | 0.749441 | 1.8943% | 1901 | 1.309520 | 0.763638 | 3.0255% | 1900 |
| 1.271064 | 0.786742 | 0.6278% | 1899 | 1.263134 | 0.791682 | 1.7757% | 1898 |
| 1.241096 | 0.805739 | 1.8078% | 1897 | 1.219059 | 0.820305 | 1.8396% | 1896 |
| 1.197038 | 0.835395 | 1.8755% | 1895 | 1.175000 | 0.851064 | 1.9114% | 1894 |
| 1.152963 | 0.867331 | 1.9486% | 1893 | 1.130925 | 0.884232 | 1.9858% | 1892 |
| 1.108905 | 0.901791 | 2.0276% | 1891 | 1.086867 | 0.920076 | 2.6465% | 1890 |
| 1.058844 | 0.944426 | 1.5328% | 1889 | 1.042859 | 0.958902 | 2.0811% | 1888 |
| 1.021599 | 0.978858 | 2.1599% | 1887 | 1.000000 | 1.000000 | 2.2075% | 1886 |
| 0.978401 | 1.022075 | 2.2592% | 1885 | 0.956786 | 1.045166 | 2.3095% | 1884 |
| 0.935188 | 1.069304 | 2.3641% | 1883 | 0.913589 | 1.094584 | 2.4214% | 1882 |
| 0.891990 | 1.121088 | 2.4815% | 1881 | 0.870392 | 1.148908 | 3.7644% | 1880 |
| 0.838816 | 1.192157 | 0.9432% | 1879 | 0.830978 | 1.203402 | 2.1464% | 1878 |
| 0.813516 | 1.229232 | 2.1913% | 1877 | 0.796072 | 1.256168 | 2.2426% | 1876 |
| 0.778611 | 1.284339 | 2.2941% | 1875 | 0.761150 | 1.313802 | 2.3456% | 1874 |
| 0.743705 | 1.344619 | 2.4043% | 1873 | 0.726244 | 1.376947 | 2.4635% | 1872 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.708783 | 1.410869 | 2.5258% | 1871 | 0.691322 | 1.446504 | 5.9947% | 1870 |
| 0.652223 | 1.533218 | -1.0968% | 1869 | 0.659456 | 1.516402 | 2.1930% | 1868 |
| 0.645305 | 1.549656 | 2.2394% | 1867 | 0.631170 | 1.584359 | 2.2935% | 1866 |
| 0.617019 | 1.620696 | 2.3445% | 1865 | 0.602884 | 1.658693 | 2.4037% | 1864 |
| 0.588733 | 1.698563 | 2.4599% | 1863 | 0.574599 | 1.740346 | 2.5250% | 1862 |
| 0.560447 | 1.784290 | 2.5872% | 1861 | 0.546313 | 1.830453 | 2.9504% | 1860 |
| 0.530656 | 1.884459 | 2.4012% | 1859 | 0.518213 | 1.929710 | 2.7627% | 1858 |
| 0.504281 | 1.983022 | 2.8412% | 1857 | 0.490349 | 2.039364 | 2.9243% | 1856 |
| 0.476417 | 2.099000 | 3.0161% | 1855 | 0.462469 | 2.162309 | 3.1061% | 1854 |
| 0.448537 | 2.229472 | 3.2056% | 1853 | 0.434605 | 2.300940 | 3.3118% | 1852 |
| 0.420673 | 2.377143 | 3.4252% | 1851 | 0.406741 | 2.458565 | 4.0106% | 1850 |
| 0.391058 | 2.557168 | 2.3254% | 1849 | 0.382171 | 2.616632 | 2.7841% | 1848 |
| 0.371819 | 2.689481 | 2.8590% | 1847 | 0.361484 | 2.766374 | 2.9432% | 1846 |
| 0.351149 | 2.847793 | 3.0324% | 1845 | 0.340814 | 2.934149 | 3.1325% | 1844 |
| 0.330463 | 3.026062 | 3.2284% | 1843 | 0.320128 | 3.123754 | 3.3361% | 1842 |
| 0.309793 | 3.227964 | 3.4512% | 1841 | 0.299458 | 3.339367 | 3.8105% | 1840 |
| 0.288466 | 3.466613 | 2.3861% | 1839 | 0.281743 | 3.549329 | 2.5824% | 1838 |
| 0.274651 | 3.640986 | 2.6573% | 1837 | 0.267541 | 3.737739 | 2.7232% | 1836 |
| 0.260449 | 3.839525 | 2.7994% | 1835 | 0.253356 | 3.947011 | 2.8871% | 1834 |
| 0.246247 | 4.060966 | 2.9657% | 1833 | 0.239154 | 4.181401 | 3.0563% | 1832 |
| 0.232062 | 4.309198 | 3.1604% | 1831 | 0.224952 | 4.445387 | 3.4660% | 1830 |
| 0.217417 | 4.599463 | 2.4653% | 1829 | 0.212186 | 4.712853 | 2.6804% | 1828 |
| 0.206647 | 4.839176 | 10.3427% | 1827 | 0.187277 | 5.339675 | -4.2314% | 1826 |
| 0.195552 | 5.113731 | 2.9150% | 1825 | 0.190013 | 5.262798 | 3.0026% | 1824 |
| 0.184474 | 5.420817 | 3.0955% | 1823 | 0.178935 | 5.588618 | 3.1944% | 1822 |
| 0.173396 | 5.767141 | 3.3102% | 1821 | 0.167840 | 5.958044 | 3.2277% | 1820 |
| 0.162592 | 6.150354 | 2.6573% | 1819 | 0.158384 | 6.313786 | 2.6261% | 1818 |
| 0.154331 | 6.479593 | 2.6969% | 1817 | 0.150278 | 6.654343 | 2.7717% | 1816 |
| 0.146225 | 6.838780 | 2.8507% | 1815 | 0.142172 | 7.033733 | 2.9343% | 1814 |
| 0.138119 | 7.240127 | 3.0231% | 1813 | 0.134066 | 7.459000 | 3.1039% | 1812 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.130030 | 7.690519 | 3.2172% | 1811 | 0.125977 | 7.937936 | 3.0969% | 1810 |
| 0.122193 | 8.183767 | 2.9144% | 1809 | 0.118733 | 8.422273 | 2.8225% | 1808 |
| 0.115474 | 8.659988 | 2.9199% | 1807 | 0.112198 | 8.912854 | 2.9918% | 1806 |
| 0.108938 | 9.179507 | 3.0841% | 1805 | 0.105679 | 9.462608 | 3.1822% | 1804 |
| 0.102420 | 9.763726 | 3.2868% | 1803 | 0.099161 | 10.084639 | 3.3985% | 1802 |
| 0.095902 | 10.427364 | 3.5180% | 1801 | 0.092642 | 10.794203 | 3.3999% | 1800 |
| 0.089596 | 11.161201 | 2.8419% | 1799 | 0.087120 | 11.478387 | 2.7485% | 1798 |
| 0.084790 | 11.793866 | 2.8261% | 1797 | 0.082459 | 12.127176 | 3.7832% | 1796 |
| 0.079454 | 12.585972 | 2.1272% | 1795 | 0.077799 | 12.853701 | 3.0879% | 1794 |
| 0.075468 | 13.250615 | 3.1625% | 1793 | 0.073155 | 13.669668 | 3.2904% | 1792 |
| 0.070824 | 14.119456 | 3.4024% | 1791 | 0.068494 | 14.599852 | 3.2296% | 1790 |
| 0.066351 | 15.071364 | 41.3145% | 1780 | 0.046953 | 21.298015 | 29.4353% | 1770 |
| 0.036275 | 27.567152 | 83.4728% | 1750 | 0.019771 | 50.578237 | 29.2845% | 1740 |
| 0.015293 | 65.389797 | 94.2514% | 1720 | 0.007873 | 127.020592 | 85.8111% | 1700 |
| 0.004237 | 236.018334 | 19.2490% | 1690 | 0.003553 | 281.449620 | 88.0250% | |
| 1670 | 0.001890 | 529.195710 | | | | | |

BASE YEAR: 1886

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.202636 | 0.192210 | 8.2857% | 2001 | 4.804548 | 0.208136 | 1.0000% |
| 2000 | 4.756978 | 0.210218 | 1.0000% | 1999 | 4.709879 | 0.212320 | 1.0000% |
| 1998 | 4.663246 | 0.214443 | 1.0000% | 1997 | 4.617076 | 0.216587 | 1.0000% |
| 1996 | 4.571362 | 0.218753 | 1.0000% | 1995 | 4.526101 | 0.220941 | 0.9992% |
| 1994 | 4.481323 | 0.223148 | 1.0008% | 1993 | 4.436919 | 0.225382 | 1.0000% |
| 1992 | 4.392989 | 0.227635 | 0.9295% | 1991 | 4.352532 | 0.229751 | 1.2505% |
| 1990 | 4.298775 | 0.232624 | 0.7224% | 1989 | 4.267942 | 0.234305 | 1.1077% |
| 1988 | 4.221185 | 0.236900 | 0.8834% | 1987 | 4.184223 | 0.238993 | 0.5594% |
| 1986 | 4.160948 | 0.240330 | 1.3056% | 1985 | 4.107322 | 0.243468 | 0.7673% |
| 1984 | 4.076047 | 0.245336 | 0.8149% | 1983 | 4.043098 | 0.247335 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 4.004108 | 0.249744 | 0.9508% | 1981 | 3.966395 | 0.252118 | 0.9031% | 1980 |
| 3.930897 | 0.254395 | 2.2701% | 1979 | 3.843643 | 0.260170 | 1.0042% | 1978 |
| 3.805430 | 0.262782 | 0.9896% | 1977 | 3.768140 | 0.265383 | 0.9103% | 1976 |
| 3.734147 | 0.267799 | 0.8394% | 1975 | 3.703062 | 0.270047 | 0.9042% | 1974 |
| 3.669880 | 0.272488 | 1.1568% | 1973 | 3.627913 | 0.275641 | 0.9427% | 1972 |
| 3.594032 | 0.278239 | 0.7426% | 1971 | 3.567538 | 0.280305 | 1.4697% | 1970 |
| 3.515864 | 0.284425 | 0.6968% | 1969 | 3.491534 | 0.286407 | 0.8565% | 1968 |
| 3.461882 | 0.288860 | 1.5090% | 1967 | 3.410417 | 0.293219 | 0.9949% | 1966 |
| 3.376821 | 0.296137 | 1.0575% | 1965 | 3.341486 | 0.299268 | 1.1300% | 1964 |
| 3.304148 | 0.302650 | 1.5537% | 1963 | 3.253599 | 0.307352 | 1.4658% | 1962 |
| 3.206596 | 0.311857 | 1.5364% | 1961 | 3.158074 | 0.316649 | 2.1586% | 1960 |
| 3.091343 | 0.323484 | -1.6655% | 1959 | 3.143701 | 0.318096 | 4.3080% | 1958 |
| 3.013864 | 0.331800 | 2.1130% | 1957 | 2.951500 | 0.338811 | 1.9895% | 1956 |
| 2.893925 | 0.345551 | 2.1231% | 1955 | 2.833762 | 0.352888 | 1.4496% | 1954 |
| 2.793270 | 0.358003 | 2.1573% | 1953 | 2.734285 | 0.365726 | 1.2298% | 1952 |
| 2.701068 | 0.370224 | 1.6814% | 1951 | 2.656404 | 0.376449 | 1.6233% | 1950 |
| 2.613972 | 0.382560 | 1.4265% | 1949 | 2.577208 | 0.388017 | 1.7790% | 1948 |
| 2.532159 | 0.394920 | 1.8242% | 1947 | 2.486796 | 0.402124 | -2.6320% | 1946 |
| 2.554019 | 0.391540 | 3.1768% | 1945 | 2.475381 | 0.403978 | 6.4754% | 1944 |
| 2.324838 | 0.430137 | -0.3437% | 1943 | 2.332856 | 0.428659 | 0.6562% | 1942 |
| 2.317647 | 0.431472 | 0.6633% | 1941 | 2.302375 | 0.434334 | -5.6614% | 1940 |
| 2.440545 | 0.409745 | 8.0381% | 1939 | 2.258966 | 0.442680 | 0.8126% | 1938 |
| 2.240757 | 0.446278 | 0.7762% | 1937 | 2.223498 | 0.449742 | 0.6029% | 1936 |
| 2.210173 | 0.452453 | 0.5244% | 1935 | 2.198643 | 0.454826 | -3.0364% | 1934 |
| 2.267493 | 0.441016 | 4.6271% | 1933 | 2.167213 | 0.461422 | 1.3921% | 1932 |
| 2.137457 | 0.467846 | -0.2051% | 1931 | 2.141850 | 0.466886 | 0.8886% | 1930 |
| 2.122985 | 0.471035 | 1.0126% | 1929 | 2.101704 | 0.475804 | 1.1526% | 1928 |
| 2.077756 | 0.481289 | 1.2160% | 1927 | 2.052794 | 0.487141 | 1.4086% | 1926 |
| 2.024280 | 0.494003 | 1.7667% | 1925 | 1.989138 | 0.502730 | 1.4465% | 1924 |
| 1.960775 | 0.510002 | 1.7700% | 1923 | 1.926674 | 0.519029 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.896024 | 0.527419 | 1.3736% | 1921 | 1.870332 | 0.534664 | 2.3393% | 1920 |
| 1.827580 | 0.547172 | 1.3140% | 1919 | 1.803877 | 0.554362 | 0.7676% | 1918 |
| 1.790135 | 0.558617 | 0.3870% | 1917 | 1.783234 | 0.560779 | 1.3274% | 1916 |
| 1.759873 | 0.568223 | 1.4083% | 1915 | 1.735433 | 0.576225 | 1.4458% | 1914 |
| 1.710699 | 0.584556 | 1.9424% | 1913 | 1.678104 | 0.595911 | 1.9857% | 1912 |
| 1.645431 | 0.607743 | 1.5634% | 1911 | 1.620103 | 0.617245 | 1.8169% | 1910 |
| 1.591192 | 0.628460 | 1.8781% | 1909 | 1.561859 | 0.640263 | 2.0082% | 1908 |
| 1.531111 | 0.653121 | 1.9603% | 1907 | 1.501674 | 0.665923 | 1.8264% | 1906 |
| 1.474740 | 0.678086 | 1.9357% | 1905 | 1.446736 | 0.691211 | 2.0148% | 1904 |
| 1.418163 | 0.705138 | 2.1335% | 1903 | 1.388538 | 0.720182 | 1.8151% | 1902 |
| 1.363783 | 0.733254 | 1.8943% | 1901 | 1.338428 | 0.747145 | 3.0255% | 1900 |
| 1.299124 | 0.769750 | 0.6278% | 1899 | 1.291018 | 0.774583 | 1.7757% | 1898 |
| 1.268494 | 0.788336 | 1.8078% | 1897 | 1.245970 | 0.802588 | 1.8396% | 1896 |
| 1.223463 | 0.817352 | 1.8755% | 1895 | 1.200939 | 0.832682 | 1.9114% | 1894 |
| 1.178415 | 0.848598 | 1.9486% | 1893 | 1.155891 | 0.865134 | 1.9858% | 1892 |
| 1.133384 | 0.882314 | 2.0276% | 1891 | 1.110860 | 0.900204 | 2.6465% | 1890 |
| 1.082219 | 0.924028 | 1.5328% | 1889 | 1.065881 | 0.938191 | 2.0811% | 1888 |
| 1.044151 | 0.957716 | 2.1599% | 1887 | 1.022075 | 0.978401 | 2.2075% | 1886 |
| 1.000000 | 1.000000 | 2.2592% | 1885 | 0.977907 | 1.022592 | 2.3095% | 1884 |
| 0.955832 | 1.046209 | 2.3641% | 1883 | 0.933757 | 1.070943 | 2.4214% | 1882 |
| 0.911681 | 1.096874 | 2.4815% | 1881 | 0.889606 | 1.124093 | 3.7644% | 1880 |
| 0.857333 | 1.166408 | 0.9432% | 1879 | 0.849322 | 1.177410 | 2.1464% | 1878 |
| 0.831475 | 1.202682 | 2.1913% | 1877 | 0.813646 | 1.229036 | 2.2426% | 1876 |
| 0.795799 | 1.256599 | 2.2941% | 1875 | 0.777952 | 1.285426 | 2.3456% | 1874 |
| 0.760123 | 1.315577 | 2.4043% | 1873 | 0.742276 | 1.347207 | 2.4635% | 1872 |
| 0.724430 | 1.380396 | 2.5258% | 1871 | 0.706583 | 1.415262 | 5.9947% | 1870 |
| 0.666621 | 1.500102 | -1.0968% | 1869 | 0.674014 | 1.483650 | 2.1930% | 1868 |
| 0.659550 | 1.516186 | 2.2394% | 1867 | 0.645103 | 1.550139 | 2.2935% | 1866 |
| 0.630640 | 1.585692 | 2.3445% | 1865 | 0.616193 | 1.622868 | 2.4037% | 1864 |
| 0.601729 | 1.661876 | 2.4599% | 1863 | 0.587283 | 1.702757 | 2.5250% | 1862 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.572819 | 1.745751 | 2.5872% | 1861 | 0.558373 | 1.790918 | 2.9504% | 1860 |
| 0.542371 | 1.843758 | 2.4012% | 1859 | 0.529652 | 1.888031 | 2.7627% | 1858 |
| 0.515413 | 1.940192 | 2.8412% | 1857 | 0.501174 | 1.995316 | 2.9243% | 1856 |
| 0.486934 | 2.053665 | 3.0161% | 1855 | 0.472678 | 2.115607 | 3.1061% | 1854 |
| 0.458438 | 2.181318 | 3.2056% | 1853 | 0.444199 | 2.251243 | 3.3118% | 1852 |
| 0.429960 | 2.325800 | 3.4252% | 1851 | 0.415720 | 2.405464 | 4.0106% | 1850 |
| 0.399690 | 2.501937 | 2.3254% | 1849 | 0.390607 | 2.560117 | 2.7841% | 1848 |
| 0.380027 | 2.631392 | 2.8590% | 1847 | 0.369464 | 2.706624 | 2.9432% | 1846 |
| 0.358901 | 2.786285 | 3.0324% | 1845 | 0.348338 | 2.870776 | 3.1325% | 1844 |
| 0.337758 | 2.960703 | 3.2284% | 1843 | 0.327195 | 3.056285 | 3.3361% | 1842 |
| 0.316632 | 3.158245 | 3.4512% | 1841 | 0.306069 | 3.267242 | 3.8105% | 1840 |
| 0.294834 | 3.391740 | 2.3861% | 1839 | 0.287963 | 3.472668 | 2.5824% | 1838 |
| 0.280714 | 3.562346 | 2.6573% | 1837 | 0.273447 | 3.657009 | 2.7232% | 1836 |
| 0.266198 | 3.756597 | 2.7994% | 1835 | 0.258949 | 3.861761 | 2.8871% | 1834 |
| 0.251683 | 3.973255 | 2.9657% | 1833 | 0.244434 | 4.091089 | 3.0563% | 1832 |
| 0.237185 | 4.216126 | 3.1604% | 1831 | 0.229918 | 4.349373 | 3.4660% | 1830 |
| 0.222216 | 4.500121 | 2.4653% | 1829 | 0.216870 | 4.611062 | 2.6804% | 1828 |
| 0.211209 | 4.734657 | 10.3427% | 1827 | 0.191412 | 5.224346 | -4.2314% | 1826 |
| 0.199869 | 5.003282 | 2.9150% | 1825 | 0.194208 | 5.149129 | 3.0026% | 1824 |
| 0.188546 | 5.303735 | 3.0955% | 1823 | 0.182885 | 5.467912 | 3.1944% | 1822 |
| 0.177224 | 5.642579 | 3.3102% | 1821 | 0.171545 | 5.829359 | 3.2277% | 1820 |
| 0.166182 | 6.017516 | 2.6573% | 1819 | 0.161880 | 6.177418 | 2.6261% | 1818 |
| 0.157738 | 6.339643 | 2.6969% | 1817 | 0.153595 | 6.510619 | 2.7717% | 1816 |
| 0.149453 | 6.691073 | 2.8507% | 1815 | 0.145311 | 6.881815 | 2.9343% | 1814 |
| 0.141168 | 7.083751 | 3.0231% | 1813 | 0.137026 | 7.297896 | 3.1039% | 1812 |
| 0.132901 | 7.524416 | 3.2172% | 1811 | 0.128758 | 7.766488 | 3.0969% | 1810 |
| 0.124891 | 8.007009 | 2.9144% | 1809 | 0.121354 | 8.240364 | 2.8225% | 1808 |
| 0.118023 | 8.472945 | 2.9199% | 1807 | 0.114674 | 8.720349 | 2.9918% | 1806 |
| 0.111343 | 8.981243 | 3.0841% | 1805 | 0.108012 | 9.258229 | 3.1822% | 1804 |
| 0.104681 | 9.552844 | 3.2868% | 1803 | 0.101350 | 9.866826 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.098019 | 10.202148 | 3.5180% | 1801 | 0.094687 | 10.561065 | 3.3999% | 1800 |
| 0.091574 | 10.920135 | 2.8419% | 1799 | 0.089043 | 11.230471 | 2.7485% | 1798 |
| 0.086662 | 11.539136 | 2.8261% | 1797 | 0.084280 | 11.865247 | 3.7832% | 1796 |
| 0.081207 | 12.314134 | 2.1272% | 1795 | 0.079516 | 12.576080 | 3.0879% | 1794 |
| 0.077134 | 12.964422 | 3.1625% | 1793 | 0.074770 | 13.374423 | 3.2904% | 1792 |
| 0.072388 | 13.814497 | 3.4024% | 1791 | 0.070006 | 14.284517 | 3.2296% | 1790 |
| 0.067816 | 14.745844 | 41.3145% | 1780 | 0.047989 | 20.838009 | 29.4353% | 1770 |
| 0.037076 | 26.971742 | 83.4728% | 1750 | 0.020208 | 49.485822 | 29.2845% | 1740 |
| 0.015631 | 63.977473 | 94.2514% | 1720 | 0.008047 | 124.277134 | 85.8111% | 1700 |
| 0.004330 | 230.920686 | 19.2490% | 1690 | 0.003631 | 275.370722 | 88.0250% | 1670 |
| 0.001931 | 517.765862 | | | | | | |

BASE YEAR: 1885

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.320173 | 0.187964 | 8.2857% | 2001 | 4.913091 | 0.203538 | 1.0000% |
| 2000 | 4.864446 | 0.205573 | 1.0000% | 1999 | 4.816283 | 0.207629 | 1.0000% |
| 1998 | 4.768597 | 0.209705 | 1.0000% | 1997 | 4.721383 | 0.211802 | 1.0000% |
| 1996 | 4.674637 | 0.213920 | 1.0000% | 1995 | 4.628353 | 0.216060 | 0.9992% |
| 1994 | 4.582563 | 0.218218 | 1.0008% | 1993 | 4.537156 | 0.220402 | 1.0000% |
| 1992 | 4.492234 | 0.222606 | 0.9295% | 1991 | 4.450863 | 0.224676 | 1.2505% |
| 1990 | 4.395892 | 0.227485 | 0.7224% | 1989 | 4.364362 | 0.229129 | 1.1077% |
| 1988 | 4.316548 | 0.231667 | 0.8834% | 1987 | 4.278751 | 0.233713 | 0.5594% |
| 1986 | 4.254951 | 0.235020 | 1.3056% | 1985 | 4.200113 | 0.238089 | 0.7673% |
| 1984 | 4.168132 | 0.239916 | 0.8149% | 1983 | 4.134438 | 0.241871 | 0.9737% |
| 1982 | 4.094567 | 0.244226 | 0.9508% | 1981 | 4.056003 | 0.246548 | 0.9031% |
| 1980 | 4.019702 | 0.248775 | 2.2701% | 1979 | 3.930478 | 0.254422 | 1.0042% |
| 1978 | 3.891401 | 0.256977 | 0.9896% | 1977 | 3.853269 | 0.259520 | 0.9103% |
| 1976 | 3.818508 | 0.261882 | 0.8394% | 1975 | 3.786720 | 0.264081 | 0.9042% |
| 1974 | 3.752789 | 0.266469 | 1.1568% | 1973 | 3.709873 | 0.269551 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.675227 | 0.272092 | 0.7426% | 1971 | 3.648134 | 0.274113 | 1.4697% | 1970 |
| 3.595293 | 0.278141 | 0.6968% | 1969 | 3.570414 | 0.280080 | 0.8565% | 1968 |
| 3.540091 | 0.282479 | 1.5090% | 1967 | 3.487464 | 0.286741 | 0.9949% | 1966 |
| 3.453109 | 0.289594 | 1.0575% | 1965 | 3.416976 | 0.292656 | 1.1300% | 1964 |
| 3.378795 | 0.295964 | 1.5537% | 1963 | 3.327103 | 0.300562 | 1.4658% | 1962 |
| 3.279038 | 0.304967 | 1.5364% | 1961 | 3.229420 | 0.309653 | 2.1586% | 1960 |
| 3.161182 | 0.316337 | -1.6655% | 1959 | 3.214723 | 0.311069 | 4.3080% | 1958 |
| 3.081952 | 0.324470 | 2.1130% | 1957 | 3.018179 | 0.331326 | 1.9895% | 1956 |
| 2.959304 | 0.337917 | 2.1231% | 1955 | 2.897781 | 0.345092 | 1.4496% | 1954 |
| 2.856375 | 0.350094 | 2.1573% | 1953 | 2.796057 | 0.357646 | 1.2298% | 1952 |
| 2.762090 | 0.362045 | 1.6814% | 1951 | 2.716417 | 0.368132 | 1.6233% | 1950 |
| 2.673026 | 0.374108 | 1.4265% | 1949 | 2.635431 | 0.379445 | 1.7790% | 1948 |
| 2.589365 | 0.386195 | 1.8242% | 1947 | 2.542977 | 0.393240 | -2.6320% | 1946 |
| 2.611719 | 0.382890 | 3.1768% | 1945 | 2.531304 | 0.395053 | 6.4754% | 1944 |
| 2.377360 | 0.420635 | -0.3437% | 1943 | 2.385559 | 0.419189 | 0.6562% | 1942 |
| 2.370006 | 0.421940 | 0.6633% | 1941 | 2.354389 | 0.424739 | -5.6614% | 1940 |
| 2.495681 | 0.400692 | 8.0381% | 1939 | 2.310000 | 0.432900 | 0.8126% | 1938 |
| 2.291380 | 0.436418 | 0.7762% | 1937 | 2.273730 | 0.439806 | 0.6029% | 1936 |
| 2.260104 | 0.442457 | 0.5244% | 1935 | 2.248314 | 0.444778 | -3.0364% | 1934 |
| 2.318719 | 0.431273 | 4.6271% | 1933 | 2.216174 | 0.451228 | 1.3921% | 1932 |
| 2.185746 | 0.457510 | -0.2051% | 1931 | 2.190238 | 0.456571 | 0.8886% | 1930 |
| 2.170947 | 0.460628 | 1.0126% | 1929 | 2.149185 | 0.465293 | 1.1526% | 1928 |
| 2.124696 | 0.470656 | 1.2160% | 1927 | 2.099170 | 0.476379 | 1.4086% | 1926 |
| 2.070012 | 0.483089 | 1.7667% | 1925 | 2.034076 | 0.491624 | 1.4465% | 1924 |
| 2.005073 | 0.498735 | 1.7700% | 1923 | 1.970201 | 0.507563 | 1.6165% | 1922 |
| 1.938859 | 0.515767 | 1.3736% | 1921 | 1.912586 | 0.522852 | 2.3393% | 1920 |
| 1.868868 | 0.535083 | 1.3140% | 1919 | 1.844629 | 0.542114 | 0.7676% | 1918 |
| 1.830577 | 0.546276 | 0.3870% | 1917 | 1.823520 | 0.548390 | 1.3274% | 1916 |
| 1.799631 | 0.555669 | 1.4083% | 1915 | 1.774639 | 0.563495 | 1.4458% | 1914 |
| 1.749347 | 0.571642 | 1.9424% | 1913 | 1.716015 | 0.582745 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.682604 | 0.594317 | 1.5634% | 1911 | 1.656703 | 0.603608 | 1.8169% | 1910 |
| 1.627140 | 0.614575 | 1.8781% | 1909 | 1.597144 | 0.626118 | 2.0082% | 1908 |
| 1.565701 | 0.638691 | 1.9603% | 1907 | 1.535600 | 0.651211 | 1.8264% | 1906 |
| 1.508057 | 0.663105 | 1.9357% | 1905 | 1.479420 | 0.675940 | 2.0148% | 1904 |
| 1.450201 | 0.689559 | 2.1335% | 1903 | 1.419907 | 0.704271 | 1.8151% | 1902 |
| 1.394593 | 0.717055 | 1.8943% | 1901 | 1.368666 | 0.730639 | 3.0255% | 1900 |
| 1.328473 | 0.752744 | 0.6278% | 1899 | 1.320184 | 0.757470 | 1.7757% | 1898 |
| 1.297151 | 0.770920 | 1.8078% | 1897 | 1.274118 | 0.784856 | 1.8396% | 1896 |
| 1.251103 | 0.799295 | 1.8755% | 1895 | 1.228070 | 0.814286 | 1.9114% | 1894 |
| 1.205037 | 0.829850 | 1.9486% | 1893 | 1.182004 | 0.846021 | 1.9858% | 1892 |
| 1.158989 | 0.862821 | 2.0276% | 1891 | 1.135956 | 0.880316 | 2.6465% | 1890 |
| 1.106668 | 0.903613 | 1.5328% | 1889 | 1.089961 | 0.917464 | 2.0811% | 1888 |
| 1.067740 | 0.936558 | 2.1599% | 1887 | 1.045166 | 0.956786 | 2.2075% | 1886 |
| 1.022592 | 0.977907 | 2.2592% | 1885 | 1.000000 | 1.000000 | 2.3095% | 1884 |
| 0.977426 | 1.023095 | 2.3641% | 1883 | 0.954852 | 1.047283 | 2.4214% | 1882 |
| 0.932278 | 1.072642 | 2.4815% | 1881 | 0.909704 | 1.099259 | 3.7644% | 1880 |
| 0.876701 | 1.140639 | 0.9432% | 1879 | 0.868509 | 1.151398 | 2.1464% | 1878 |
| 0.850259 | 1.176112 | 2.1913% | 1877 | 0.832027 | 1.201884 | 2.2426% | 1876 |
| 0.813777 | 1.228837 | 2.2941% | 1875 | 0.795528 | 1.257027 | 2.3456% | 1874 |
| 0.777295 | 1.286512 | 2.4043% | 1873 | 0.759046 | 1.317444 | 2.4635% | 1872 |
| 0.740796 | 1.349900 | 2.5258% | 1871 | 0.722546 | 1.383995 | 5.9947% | 1870 |
| 0.681681 | 1.466961 | -1.0968% | 1869 | 0.689241 | 1.450872 | 2.1930% | 1868 |
| 0.674450 | 1.482689 | 2.2394% | 1867 | 0.659677 | 1.515893 | 2.2935% | 1866 |
| 0.644887 | 1.550660 | 2.3445% | 1865 | 0.630114 | 1.587014 | 2.4037% | 1864 |
| 0.615324 | 1.625161 | 2.4599% | 1863 | 0.600551 | 1.665138 | 2.5250% | 1862 |
| 0.585760 | 1.707183 | 2.5872% | 1861 | 0.570987 | 1.751352 | 2.9504% | 1860 |
| 0.554624 | 1.803024 | 2.4012% | 1859 | 0.541618 | 1.846319 | 2.7627% | 1858 |
| 0.527057 | 1.897328 | 2.8412% | 1857 | 0.512496 | 1.951235 | 2.9243% | 1856 |
| 0.497935 | 2.008294 | 3.0161% | 1855 | 0.483356 | 2.068867 | 3.1061% | 1854 |
| 0.468795 | 2.133128 | 3.2056% | 1853 | 0.454234 | 2.201508 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.439673 | 2.274417 | 3.4252% | 1851 | 0.425112 | 2.352321 | 4.0106% | 1850 |
| 0.408720 | 2.446663 | 2.3254% | 1849 | 0.399432 | 2.503557 | 2.7841% | 1848 |
| 0.388612 | 2.573258 | 2.8590% | 1847 | 0.377811 | 2.646828 | 2.9432% | 1846 |
| 0.367009 | 2.724728 | 3.0324% | 1845 | 0.356207 | 2.807353 | 3.1325% | 1844 |
| 0.345388 | 2.895294 | 3.2284% | 1843 | 0.334586 | 2.988764 | 3.3361% | 1842 |
| 0.323785 | 3.088471 | 3.4512% | 1841 | 0.312983 | 3.195060 | 3.8105% | 1840 |
| 0.301495 | 3.316807 | 2.3861% | 1839 | 0.294469 | 3.395948 | 2.5824% | 1838 |
| 0.287056 | 3.483645 | 2.6573% | 1837 | 0.279625 | 3.576217 | 2.7232% | 1836 |
| 0.272212 | 3.673604 | 2.7994% | 1835 | 0.264799 | 3.776445 | 2.8871% | 1834 |
| 0.257369 | 3.885475 | 2.9657% | 1833 | 0.249956 | 4.000706 | 3.0563% | 1832 |
| 0.242543 | 4.122981 | 3.1604% | 1831 | 0.235112 | 4.253284 | 3.4660% | 1830 |
| 0.227236 | 4.400702 | 2.4653% | 1829 | 0.221769 | 4.509192 | 2.6804% | 1828 |
| 0.215980 | 4.630056 | 10.3427% | 1827 | 0.195736 | 5.108927 | -4.2314% | 1826 |
| 0.204384 | 4.892746 | 2.9150% | 1825 | 0.198595 | 5.035371 | 3.0026% | 1824 |
| 0.192806 | 5.186562 | 3.0955% | 1823 | 0.187017 | 5.347112 | 3.1944% | 1822 |
| 0.181228 | 5.517920 | 3.3102% | 1821 | 0.175421 | 5.700573 | 3.2277% | 1820 |
| 0.169936 | 5.884573 | 2.6573% | 1819 | 0.165537 | 6.040943 | 2.6261% | 1818 |
| 0.161301 | 6.199584 | 2.6969% | 1817 | 0.157065 | 6.366783 | 2.7717% | 1816 |
| 0.152829 | 6.543250 | 2.8507% | 1815 | 0.148593 | 6.729778 | 2.9343% | 1814 |
| 0.144357 | 6.927253 | 3.0231% | 1813 | 0.140121 | 7.136667 | 3.1039% | 1812 |
| 0.135903 | 7.358182 | 3.2172% | 1811 | 0.131667 | 7.594906 | 3.0969% | 1810 |
| 0.127712 | 7.830114 | 2.9144% | 1809 | 0.124095 | 8.058313 | 2.8225% | 1808 |
| 0.120689 | 8.285756 | 2.9199% | 1807 | 0.117265 | 8.527694 | 2.9918% | 1806 |
| 0.113859 | 8.782824 | 3.0841% | 1805 | 0.110452 | 9.053691 | 3.1822% | 1804 |
| 0.107046 | 9.341797 | 3.2868% | 1803 | 0.103639 | 9.648842 | 3.3985% | 1802 |
| 0.100233 | 9.976756 | 3.5180% | 1801 | 0.096827 | 10.327743 | 3.3999% | 1800 |
| 0.093643 | 10.678881 | 2.8419% | 1799 | 0.091055 | 10.982361 | 2.7485% | 1798 |
| 0.088619 | 11.284206 | 2.8261% | 1797 | 0.086184 | 11.603113 | 3.7832% | 1796 |
| 0.083042 | 12.042083 | 2.1272% | 1795 | 0.081312 | 12.298242 | 3.0879% | 1794 |
| 0.078877 | 12.678004 | 3.1625% | 1793 | 0.076459 | 13.078947 | 3.2904% | 1792 |

0.074023 13.509299 3.4024% 1791 0.071587 13.968935 3.2296% 1790
0.069348 14.420071 41.3145% 1780 0.049073 20.377644 29.4353% 1770
0.037913 26.375867 83.4728% 1750 0.020664 48.392552 29.2845% 1740
0.015984 62.564046 94.2514% 1720 0.008228 121.531532 85.8111% 1700
0.004428 225.819051 19.2490% 1690 0.003714 269.287072 88.0250%
1670 0.001975 506.327078

BASE YEAR: 1884

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 5.443044 | 0.183721 | 8.2857% | 2001 | 5.026561 | 0.198943 | 1.0000% |
| 2000 | 4.976792 | 0.200933 | 1.0000% | 1999 | 4.927517 | 0.202942 | 1.0000% |
| 1998 | 4.878730 | 0.204971 | 1.0000% | 1997 | 4.830425 | 0.207021 | 1.0000% |
| 1996 | 4.782599 | 0.209091 | 1.0000% | 1995 | 4.735247 | 0.211182 | 0.9992% |
| 1994 | 4.688399 | 0.213292 | 1.0008% | 1993 | 4.641944 | 0.215427 | 1.0000% |
| 1992 | 4.595984 | 0.217581 | 0.9295% | 1991 | 4.553658 | 0.219604 | 1.2505% |
| 1990 | 4.497417 | 0.222350 | 0.7224% | 1989 | 4.465158 | 0.223956 | 1.1077% |
| 1988 | 4.416241 | 0.226437 | 0.8834% | 1987 | 4.377571 | 0.228437 | 0.5594% |
| 1986 | 4.353221 | 0.229715 | 1.3056% | 1985 | 4.297116 | 0.232714 | 0.7673% |
| 1984 | 4.264396 | 0.234500 | 0.8149% | 1983 | 4.229925 | 0.236411 | 0.9737% |
| 1982 | 4.189133 | 0.238713 | 0.9508% | 1981 | 4.149678 | 0.240983 | 0.9031% |
| 1980 | 4.112539 | 0.243159 | 2.2701% | 1979 | 4.021254 | 0.248679 | 1.0042% |
| 1978 | 3.981274 | 0.251176 | 0.9896% | 1977 | 3.942262 | 0.253662 | 0.9103% |
| 1976 | 3.906697 | 0.255971 | 0.8394% | 1975 | 3.874176 | 0.258119 | 0.9042% |
| 1974 | 3.839461 | 0.260453 | 1.1568% | 1973 | 3.795554 | 0.263466 | 0.9427% |
| 1972 | 3.760108 | 0.265950 | 0.7426% | 1971 | 3.732390 | 0.267925 | 1.4697% |
| 1970 | 3.678328 | 0.271863 | 0.6968% | 1969 | 3.652874 | 0.273757 | 0.8565% |
| 1968 | 3.621851 | 0.276102 | 1.5090% | 1967 | 3.568009 | 0.280268 | 0.9949% |
| 1966 | 3.532860 | 0.283057 | 1.0575% | 1965 | 3.495892 | 0.286050 | 1.1300% |
| 1964 | 3.456829 | 0.289282 | 1.5537% | 1963 | 3.403944 | 0.293777 | 1.4658% |
| 1962 | 3.354769 | 0.298083 | 1.5364% | 1961 | 3.304005 | 0.302663 | 2.1586% |
| 1960 | 3.234191 | 0.309196 | -1.6655% | 1959 | 3.288968 | 0.304047 | 4.3080% |
| 1958 | 3.153131 | 0.317145 | 2.1130% | 1957 | 3.087885 | 0.323846 | 1.9895% |
| 1956 | 3.027650 | 0.330289 | 2.1231% | 1955 | 2.964707 | 0.337301 | 1.4496% |
| 1954 | 2.922344 | 0.342191 | 2.1573% | 1953 | 2.860633 | 0.349573 | 1.2298% |
| 1952 | 2.825882 | 0.353872 | 1.6814% | 1951 | 2.779154 | 0.359822 | 1.6233% |
| 1950 | 2.734761 | 0.365663 | 1.4265% | 1949 | 2.696297 | 0.370879 | 1.7790% |
| 1948 | 2.649168 | 0.377477 | 1.8242% | 1947 | 2.601708 | 0.384363 | -2.6320% |
| 1946 | 2.672037 | 0.374246 | 3.1768% | 1945 | 2.589766 | 0.386135 | 6.4754% |
| 1944 | 2.432266 | 0.411139 | -0.3437% | 1943 | 2.440654 | 0.409726 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.424742 | 0.412415 | 0.6633% | 1941 | 2.408765 | 0.415150 | -5.6614% | 1940 |
| 2.553319 | 0.391647 | 8.0381% | 1939 | 2.363351 | 0.423128 | 0.8126% | 1938 |
| 2.344300 | 0.426567 | 0.7762% | 1937 | 2.326243 | 0.429878 | 0.6029% | 1936 |
| 2.312302 | 0.432469 | 0.5244% | 1935 | 2.300240 | 0.434737 | -3.0364% | 1934 |
| 2.372271 | 0.421537 | 4.6271% | 1933 | 2.267358 | 0.441042 | 1.3921% | 1932 |
| 2.236227 | 0.447182 | -0.2051% | 1931 | 2.240822 | 0.446265 | 0.8886% | 1930 |
| 2.221086 | 0.450230 | 1.0126% | 1929 | 2.198821 | 0.454789 | 1.1526% | 1928 |
| 2.173766 | 0.460031 | 1.2160% | 1927 | 2.147651 | 0.465625 | 1.4086% | 1926 |
| 2.117820 | 0.472184 | 1.7667% | 1925 | 2.081054 | 0.480526 | 1.4465% | 1924 |
| 2.051381 | 0.487477 | 1.7700% | 1923 | 2.015703 | 0.496105 | 1.6165% | 1922 |
| 1.983637 | 0.504124 | 1.3736% | 1921 | 1.956758 | 0.511049 | 2.3393% | 1920 |
| 1.912030 | 0.523004 | 1.3140% | 1919 | 1.887232 | 0.529877 | 0.7676% | 1918 |
| 1.872855 | 0.533944 | 0.3870% | 1917 | 1.865635 | 0.536011 | 1.3274% | 1916 |
| 1.841194 | 0.543126 | 1.4083% | 1915 | 1.815625 | 0.550775 | 1.4458% | 1914 |
| 1.789749 | 0.558738 | 1.9424% | 1913 | 1.755647 | 0.569590 | 1.9857% | 1912 |
| 1.721465 | 0.580901 | 1.5634% | 1911 | 1.694966 | 0.589982 | 1.8169% | 1910 |
| 1.664719 | 0.600702 | 1.8781% | 1909 | 1.634031 | 0.611984 | 2.0082% | 1908 |
| 1.601862 | 0.624274 | 1.9603% | 1907 | 1.571065 | 0.636511 | 1.8264% | 1906 |
| 1.542886 | 0.648136 | 1.9357% | 1905 | 1.513588 | 0.660682 | 2.0148% | 1904 |
| 1.483694 | 0.673993 | 2.1335% | 1903 | 1.452700 | 0.688373 | 1.8151% | 1902 |
| 1.426802 | 0.700868 | 1.8943% | 1901 | 1.400276 | 0.714145 | 3.0255% | 1900 |
| 1.359155 | 0.735752 | 0.6278% | 1899 | 1.350674 | 0.740371 | 1.7757% | 1898 |
| 1.327110 | 0.753517 | 1.8078% | 1897 | 1.303545 | 0.767139 | 1.8396% | 1896 |
| 1.279998 | 0.781251 | 1.8755% | 1895 | 1.256433 | 0.795904 | 1.9114% | 1894 |
| 1.232868 | 0.811117 | 1.9486% | 1893 | 1.209303 | 0.826923 | 1.9858% | 1892 |
| 1.185756 | 0.843344 | 2.0276% | 1891 | 1.162191 | 0.860443 | 2.6465% | 1890 |
| 1.132227 | 0.883215 | 1.5328% | 1889 | 1.115134 | 0.896753 | 2.0811% | 1888 |
| 1.092400 | 0.915416 | 2.1599% | 1887 | 1.069304 | 0.935188 | 2.2075% | 1886 |
| 1.046209 | 0.955832 | 2.2592% | 1885 | 1.023095 | 0.977426 | 2.3095% | 1884 |
| 1.000000 | 1.000000 | 2.3641% | 1883 | 0.976905 | 1.023641 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.953809 | 1.048428 | 2.4815% | 1881 | 0.930714 | 1.074444 | 3.7644% | 1880 |
| 0.896949 | 1.114890 | 0.9432% | 1879 | 0.888568 | 1.125406 | 2.1464% | 1878 |
| 0.869897 | 1.149562 | 2.1913% | 1877 | 0.851243 | 1.174752 | 2.2426% | 1876 |
| 0.832572 | 1.201097 | 2.2941% | 1875 | 0.813901 | 1.228651 | 2.3456% | 1874 |
| 0.795247 | 1.257470 | 2.4043% | 1873 | 0.776576 | 1.287704 | 2.4635% | 1872 |
| 0.757905 | 1.319427 | 2.5258% | 1871 | 0.739233 | 1.352753 | 5.9947% | 1870 |
| 0.697425 | 1.433846 | -1.0968% | 1869 | 0.705159 | 1.418120 | 2.1930% | 1868 |
| 0.690027 | 1.449219 | 2.2394% | 1867 | 0.674913 | 1.481673 | 2.2935% | 1866 |
| 0.659781 | 1.515655 | 2.3445% | 1865 | 0.644667 | 1.551189 | 2.4037% | 1864 |
| 0.629535 | 1.588475 | 2.4599% | 1863 | 0.614421 | 1.627550 | 2.5250% | 1862 |
| 0.599289 | 1.668645 | 2.5872% | 1861 | 0.584175 | 1.711817 | 2.9504% | 1860 |
| 0.567433 | 1.762323 | 2.4012% | 1859 | 0.554127 | 1.804640 | 2.7627% | 1858 |
| 0.539230 | 1.854497 | 2.8412% | 1857 | 0.524332 | 1.907187 | 2.9243% | 1856 |
| 0.509435 | 1.962959 | 3.0161% | 1855 | 0.494520 | 2.022165 | 3.1061% | 1854 |
| 0.479622 | 2.084974 | 3.2056% | 1853 | 0.464725 | 2.151811 | 3.3118% | 1852 |
| 0.449828 | 2.223074 | 3.4252% | 1851 | 0.434930 | 2.299219 | 4.0106% | 1850 |
| 0.418159 | 2.391432 | 2.3254% | 1849 | 0.408657 | 2.447042 | 2.7841% | 1848 |
| 0.397588 | 2.515169 | 2.8590% | 1847 | 0.386536 | 2.587078 | 2.9432% | 1846 |
| 0.375485 | 2.663220 | 3.0324% | 1845 | 0.364434 | 2.743980 | 3.1325% | 1844 |
| 0.353365 | 2.829935 | 3.2284% | 1843 | 0.342314 | 2.921296 | 3.3361% | 1842 |
| 0.331263 | 3.018752 | 3.4512% | 1841 | 0.320212 | 3.122935 | 3.8105% | 1840 |
| 0.308458 | 3.241934 | 2.3861% | 1839 | 0.301269 | 3.319288 | 2.5824% | 1838 |
| 0.293685 | 3.405005 | 2.6573% | 1837 | 0.286083 | 3.495487 | 2.7232% | 1836 |
| 0.278499 | 3.590676 | 2.7994% | 1835 | 0.270915 | 3.691195 | 2.8871% | 1834 |
| 0.263313 | 3.797764 | 2.9657% | 1833 | 0.255729 | 3.910394 | 3.0563% | 1832 |
| 0.248145 | 4.029908 | 3.1604% | 1831 | 0.240542 | 4.157270 | 3.4660% | 1830 |
| 0.232485 | 4.301360 | 2.4653% | 1829 | 0.226891 | 4.407402 | 2.6804% | 1828 |
| 0.220968 | 4.525537 | 10.3427% | 1827 | 0.200256 | 4.993598 | -4.2314% | 1826 |
| 0.209105 | 4.782297 | 2.9150% | 1825 | 0.203182 | 4.921703 | 3.0026% | 1824 |
| 0.197259 | 5.069480 | 3.0955% | 1823 | 0.191336 | 5.226406 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.185413 | 5.393358 | 3.3102% | 1821 | 0.179472 | 5.571889 | 3.2277% | 1820 |
| 0.173861 | 5.751735 | 2.6573% | 1819 | 0.169360 | 5.904574 | 2.6261% | 1818 |
| 0.165026 | 6.059635 | 2.6969% | 1817 | 0.160693 | 6.223059 | 2.7717% | 1816 |
| 0.156359 | 6.395542 | 2.8507% | 1815 | 0.152025 | 6.577860 | 2.9343% | 1814 |
| 0.147691 | 6.770877 | 3.0231% | 1813 | 0.143358 | 6.975564 | 3.1039% | 1812 |
| 0.139042 | 7.192078 | 3.2172% | 1811 | 0.134708 | 7.423458 | 3.0969% | 1810 |
| 0.130662 | 7.653357 | 2.9144% | 1809 | 0.126961 | 7.876404 | 2.8225% | 1808 |
| 0.123476 | 8.098713 | 2.9199% | 1807 | 0.119973 | 8.335190 | 2.9918% | 1806 |
| 0.116488 | 8.584561 | 3.0841% | 1805 | 0.113003 | 8.849313 | 3.1822% | 1804 |
| 0.109518 | 9.130915 | 3.2868% | 1803 | 0.106033 | 9.431029 | 3.3985% | 1802 |
| 0.102548 | 9.751541 | 3.5180% | 1801 | 0.099063 | 10.094604 | 3.3999% | 1800 |
| 0.095805 | 10.437816 | 2.8419% | 1799 | 0.093158 | 10.734445 | 2.7485% | 1798 |
| 0.090666 | 11.029476 | 2.8261% | 1797 | 0.088174 | 11.341184 | 3.7832% | 1796 |
| 0.084960 | 11.770244 | 2.1272% | 1795 | 0.083190 | 12.020621 | 3.0879% | 1794 |
| 0.080698 | 12.391810 | 3.1625% | 1793 | 0.078225 | 12.783703 | 3.2904% | 1792 |
| 0.075733 | 13.204340 | 3.4024% | 1791 | 0.073241 | 13.653600 | 3.2296% | 1790 |
| 0.070949 | 14.094551 | 41.3145% | 1780 | 0.050207 | 19.917638 | 29.4353% | 1770 |
| 0.038789 | 25.780457 | 83.4728% | 1750 | 0.021142 | 47.300137 | 29.2845% | 1740 |
| 0.016353 | 61.151723 | 94.2514% | 1720 | 0.008418 | 118.788074 | 85.8111% | 1700 |
| 0.004531 | 220.721403 | 19.2490% | 1690 | 0.003799 | 263.208175 | 88.0250% | |
| 1670 | 0.002021 | 494.897230 | | | | | |

BASE YEAR: 1883

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.571725 | 0.179478 | 8.2857% | 2001 | 5.145396 | 0.194349 | 1.0000% |
| 2000 | 5.094450 | 0.196292 | 1.0000% | 1999 | 5.044010 | 0.198255 | 1.0000% |
| 1998 | 4.994070 | 0.200237 | 1.0000% | 1997 | 4.944623 | 0.202240 | 1.0000% |
| 1996 | 4.895667 | 0.204262 | 1.0000% | 1995 | 4.847195 | 0.206305 | 0.9992% |
| 1994 | 4.799240 | 0.208366 | 1.0008% | 1993 | 4.751686 | 0.210452 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.704640 | 0.212556 | 0.9295% | 1991 | 4.661312 | 0.214532 | 1.2505% | 1990 |
| 4.603742 | 0.217215 | 0.7224% | 1989 | 4.570721 | 0.218784 | 1.1077% | 1988 |
| 4.520647 | 0.221207 | 0.8834% | 1987 | 4.481063 | 0.223161 | 0.5594% | 1986 |
| 4.456137 | 0.224410 | 1.3056% | 1985 | 4.398706 | 0.227340 | 0.7673% | 1984 |
| 4.365213 | 0.229084 | 0.8149% | 1983 | 4.329926 | 0.230951 | 0.9737% | 1982 |
| 4.288170 | 0.233200 | 0.9508% | 1981 | 4.247782 | 0.235417 | 0.9031% | 1980 |
| 4.209765 | 0.237543 | 2.2701% | 1979 | 4.116322 | 0.242935 | 1.0042% | 1978 |
| 4.075397 | 0.245375 | 0.9896% | 1977 | 4.035462 | 0.247803 | 0.9103% | 1976 |
| 3.999057 | 0.250059 | 0.8394% | 1975 | 3.965767 | 0.252158 | 0.9042% | 1974 |
| 3.930231 | 0.254438 | 1.1568% | 1973 | 3.885287 | 0.257381 | 0.9427% | 1972 |
| 3.849002 | 0.259808 | 0.7426% | 1971 | 3.820628 | 0.261737 | 1.4697% | 1970 |
| 3.765289 | 0.265584 | 0.6968% | 1969 | 3.739233 | 0.267435 | 0.8565% | 1968 |
| 3.707477 | 0.269725 | 1.5090% | 1967 | 3.652361 | 0.273795 | 0.9949% | 1966 |
| 3.616382 | 0.276519 | 1.0575% | 1965 | 3.578540 | 0.279444 | 1.1300% | 1964 |
| 3.538554 | 0.282601 | 1.5537% | 1963 | 3.484418 | 0.286992 | 1.4658% | 1962 |
| 3.434080 | 0.291199 | 1.5364% | 1961 | 3.382116 | 0.295673 | 2.1586% | 1960 |
| 3.310651 | 0.302055 | -1.6655% | 1959 | 3.366724 | 0.297025 | 4.3080% | 1958 |
| 3.227676 | 0.309820 | 2.1130% | 1957 | 3.160887 | 0.316367 | 1.9895% | 1956 |
| 3.099228 | 0.322661 | 2.1231% | 1955 | 3.034797 | 0.329511 | 1.4496% | 1954 |
| 2.991433 | 0.334288 | 2.1573% | 1953 | 2.928262 | 0.341499 | 1.2298% | 1952 |
| 2.892689 | 0.345699 | 1.6814% | 1951 | 2.844857 | 0.351512 | 1.6233% | 1950 |
| 2.799415 | 0.357218 | 1.4265% | 1949 | 2.760042 | 0.362313 | 1.7790% | 1948 |
| 2.711798 | 0.368759 | 1.8242% | 1947 | 2.663216 | 0.375486 | -2.6320% | 1946 |
| 2.735208 | 0.365603 | 3.1768% | 1945 | 2.650991 | 0.377217 | 6.4754% | 1944 |
| 2.489768 | 0.401644 | -0.3437% | 1943 | 2.498355 | 0.400263 | 0.6562% | 1942 |
| 2.482067 | 0.402890 | 0.6633% | 1941 | 2.465712 | 0.405562 | -5.6614% | 1940 |
| 2.613683 | 0.382602 | 8.0381% | 1939 | 2.419224 | 0.413356 | 0.8126% | 1938 |
| 2.399723 | 0.416715 | 0.7762% | 1937 | 2.381238 | 0.419950 | 0.6029% | 1936 |
| 2.366969 | 0.422481 | 0.5244% | 1935 | 2.354621 | 0.424697 | -3.0364% | 1934 |
| 2.428355 | 0.411801 | 4.6271% | 1933 | 2.320961 | 0.430856 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.289094 | 0.436854 | -0.2051% | 1931 | 2.293799 | 0.435958 | 0.8886% | 1930 |
| 2.273595 | 0.439832 | 1.0126% | 1929 | 2.250804 | 0.444286 | 1.1526% | 1928 |
| 2.225157 | 0.449406 | 1.2160% | 1927 | 2.198424 | 0.454871 | 1.4086% | 1926 |
| 2.167888 | 0.461278 | 1.7667% | 1925 | 2.130253 | 0.469428 | 1.4465% | 1924 |
| 2.099878 | 0.476218 | 1.7700% | 1923 | 2.063357 | 0.484647 | 1.6165% | 1922 |
| 2.030533 | 0.492481 | 1.3736% | 1921 | 2.003019 | 0.499246 | 2.3393% | 1920 |
| 1.957233 | 0.510925 | 1.3140% | 1919 | 1.931848 | 0.517639 | 0.7676% | 1918 |
| 1.917132 | 0.521613 | 0.3870% | 1917 | 1.909741 | 0.523631 | 1.3274% | 1916 |
| 1.884723 | 0.530582 | 1.4083% | 1915 | 1.858549 | 0.538054 | 1.4458% | 1914 |
| 1.832061 | 0.545833 | 1.9424% | 1913 | 1.797153 | 0.556436 | 1.9857% | 1912 |
| 1.762163 | 0.567485 | 1.5634% | 1911 | 1.735037 | 0.576357 | 1.8169% | 1910 |
| 1.704075 | 0.586829 | 1.8781% | 1909 | 1.672662 | 0.597850 | 2.0082% | 1908 |
| 1.639732 | 0.609856 | 1.9603% | 1907 | 1.608207 | 0.621810 | 1.8264% | 1906 |
| 1.579362 | 0.633167 | 1.9357% | 1905 | 1.549372 | 0.645423 | 2.0148% | 1904 |
| 1.518771 | 0.658427 | 2.1335% | 1903 | 1.487044 | 0.672475 | 1.8151% | 1902 |
| 1.460533 | 0.684681 | 1.8943% | 1901 | 1.433380 | 0.697652 | 3.0255% | 1900 |
| 1.391287 | 0.718759 | 0.6278% | 1899 | 1.382606 | 0.723272 | 1.7757% | 1898 |
| 1.358484 | 0.736115 | 1.8078% | 1897 | 1.334362 | 0.749422 | 1.8396% | 1896 |
| 1.310259 | 0.763208 | 1.8755% | 1895 | 1.286137 | 0.777522 | 1.9114% | 1894 |
| 1.262015 | 0.792384 | 1.9486% | 1893 | 1.237893 | 0.807824 | 1.9858% | 1892 |
| 1.213789 | 0.823866 | 2.0276% | 1891 | 1.189667 | 0.840571 | 2.6465% | 1890 |
| 1.158994 | 0.862817 | 1.5328% | 1889 | 1.141497 | 0.876042 | 2.0811% | 1888 |
| 1.118226 | 0.894274 | 2.1599% | 1887 | 1.094584 | 0.913589 | 2.2075% | 1886 |
| 1.070943 | 0.933757 | 2.2592% | 1885 | 1.047283 | 0.954852 | 2.3095% | 1884 |
| 1.023641 | 0.976905 | 2.3641% | 1883 | 1.000000 | 1.000000 | 2.4214% | 1882 |
| 0.976359 | 1.024214 | 2.4815% | 1881 | 0.952717 | 1.049629 | 3.7644% | 1880 |
| 0.918154 | 1.089142 | 0.9432% | 1879 | 0.909575 | 1.099415 | 2.1464% | 1878 |
| 0.890462 | 1.123012 | 2.1913% | 1877 | 0.871368 | 1.147621 | 2.2426% | 1876 |
| 0.852255 | 1.173358 | 2.2941% | 1875 | 0.833142 | 1.200275 | 2.3456% | 1874 |
| 0.814048 | 1.228429 | 2.4043% | 1873 | 0.794935 | 1.257964 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.775823 | 1.288955 | 2.5258% | 1871 | 0.756710 | 1.321511 | 5.9947% | 1870 |
| 0.713913 | 1.400731 | -1.0968% | 1869 | 0.721830 | 1.385368 | 2.1930% | 1868 |
| 0.706340 | 1.415749 | 2.2394% | 1867 | 0.690869 | 1.447453 | 2.2935% | 1866 |
| 0.675379 | 1.480650 | 2.3445% | 1865 | 0.659908 | 1.515364 | 2.4037% | 1864 |
| 0.644418 | 1.551788 | 2.4599% | 1863 | 0.628946 | 1.589961 | 2.5250% | 1862 |
| 0.613457 | 1.630107 | 2.5872% | 1861 | 0.597985 | 1.672282 | 2.9504% | 1860 |
| 0.580848 | 1.721621 | 2.4012% | 1859 | 0.567227 | 1.762962 | 2.7627% | 1858 |
| 0.551978 | 1.811667 | 2.8412% | 1857 | 0.536728 | 1.863140 | 2.9243% | 1856 |
| 0.521479 | 1.917624 | 3.0161% | 1855 | 0.506211 | 1.975462 | 3.1061% | 1854 |
| 0.490961 | 2.036821 | 3.2056% | 1853 | 0.475712 | 2.102114 | 3.3118% | 1852 |
| 0.460462 | 2.171731 | 3.4252% | 1851 | 0.445213 | 2.246118 | 4.0106% | 1850 |
| 0.428045 | 2.336201 | 2.3254% | 1849 | 0.418318 | 2.390526 | 2.7841% | 1848 |
| 0.406987 | 2.457081 | 2.8590% | 1847 | 0.395675 | 2.527329 | 2.9432% | 1846 |
| 0.384362 | 2.601712 | 3.0324% | 1845 | 0.373050 | 2.680606 | 3.1325% | 1844 |
| 0.361719 | 2.764577 | 3.2284% | 1843 | 0.350407 | 2.853827 | 3.3361% | 1842 |
| 0.339094 | 2.949032 | 3.4512% | 1841 | 0.327782 | 3.050809 | 3.8105% | 1840 |
| 0.315750 | 3.167060 | 2.3861% | 1839 | 0.308392 | 3.242628 | 2.5824% | 1838 |
| 0.300628 | 3.326365 | 2.6573% | 1837 | 0.292847 | 3.414757 | 2.7232% | 1836 |
| 0.285083 | 3.507748 | 2.7994% | 1835 | 0.277320 | 3.605945 | 2.8871% | 1834 |
| 0.269538 | 3.710053 | 2.9657% | 1833 | 0.261774 | 3.820082 | 3.0563% | 1832 |
| 0.254011 | 3.936836 | 3.1604% | 1831 | 0.246229 | 4.061257 | 3.4660% | 1830 |
| 0.237981 | 4.202018 | 2.4653% | 1829 | 0.232255 | 4.305611 | 2.6804% | 1828 |
| 0.226192 | 4.421018 | 10.3427% | 1827 | 0.204991 | 4.878269 | -4.2314% | 1826 |
| 0.214048 | 4.671848 | 2.9150% | 1825 | 0.207985 | 4.808034 | 3.0026% | 1824 |
| 0.201922 | 4.952398 | 3.0955% | 1823 | 0.195860 | 5.105700 | 3.1944% | 1822 |
| 0.189797 | 5.268796 | 3.3102% | 1821 | 0.183715 | 5.443204 | 3.2277% | 1820 |
| 0.177971 | 5.618896 | 2.6573% | 1819 | 0.173364 | 5.768206 | 2.6261% | 1818 |
| 0.168928 | 5.919685 | 2.6969% | 1817 | 0.164492 | 6.079335 | 2.7717% | 1816 |
| 0.160055 | 6.247835 | 2.8507% | 1815 | 0.155619 | 6.425941 | 2.9343% | 1814 |
| 0.151183 | 6.614501 | 3.0231% | 1813 | 0.146747 | 6.814460 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.142329 | 7.025974 | 3.2172% | 1811 | 0.137893 | 7.252011 | 3.0969% | 1810 |
| 0.133751 | 7.476599 | 2.9144% | 1809 | 0.129963 | 7.694496 | 2.8225% | 1808 |
| 0.126396 | 7.911670 | 2.9199% | 1807 | 0.122810 | 8.142685 | 2.9918% | 1806 |
| 0.119242 | 8.386297 | 3.0841% | 1805 | 0.115675 | 8.644934 | 3.1822% | 1804 |
| 0.112107 | 8.920033 | 3.2868% | 1803 | 0.108540 | 9.213215 | 3.3985% | 1802 |
| 0.104972 | 9.526325 | 3.5180% | 1801 | 0.101405 | 9.861466 | 3.3999% | 1800 |
| 0.098070 | 10.196750 | 2.8419% | 1799 | 0.095360 | 10.486528 | 2.7485% | 1798 |
| 0.092810 | 10.774746 | 2.8261% | 1797 | 0.090259 | 11.079255 | 3.7832% | 1796 |
| 0.086969 | 11.498406 | 2.1272% | 1795 | 0.085157 | 11.743000 | 3.0879% | 1794 |
| 0.082606 | 12.105616 | 3.1625% | 1793 | 0.080074 | 12.488458 | 3.2904% | 1792 |
| 0.077523 | 12.899380 | 3.4024% | 1791 | 0.074972 | 13.338264 | 3.2296% | 1790 |
| 0.072627 | 13.769032 | 41.3145% | 1780 | 0.051394 | 19.457632 | 29.4353% | 1770 |
| 0.039706 | 25.185047 | 83.4728% | 1750 | 0.021641 | 46.207721 | 29.2845% | 1740 |
| 0.016739 | 59.739399 | 94.2514% | 1720 | 0.008617 | 116.044616 | 85.8111% | 1700 |
| 0.004638 | 215.623754 | 19.2490% | 1690 | 0.003889 | 257.129278 | 88.0250% | 1670 |
| 0.002068 | 483.467382 | | | | | | |

BASE YEAR: 1882

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.706638 | 0.175235 | 8.2857% | 2001 | 5.269985 | 0.189754 | 1.0000% |
| 2000 | 5.217807 | 0.191651 | 1.0000% | 1999 | 5.166145 | 0.193568 | 1.0000% |
| 1998 | 5.114995 | 0.195504 | 1.0000% | 1997 | 5.064352 | 0.197459 | 1.0000% |
| 1996 | 5.014210 | 0.199433 | 1.0000% | 1995 | 4.964564 | 0.201428 | 0.9992% |
| 1994 | 4.915448 | 0.203440 | 1.0008% | 1993 | 4.866743 | 0.205476 | 1.0000% |
| 1992 | 4.818557 | 0.207531 | 0.9295% | 1991 | 4.774181 | 0.209460 | 1.2505% |
| 1990 | 4.715216 | 0.212079 | 0.7224% | 1989 | 4.681396 | 0.213612 | 1.1077% |
| 1988 | 4.630109 | 0.215978 | 0.8834% | 1987 | 4.589567 | 0.217885 | 0.5594% |
| 1986 | 4.564037 | 0.219104 | 1.3056% | 1985 | 4.505216 | 0.221965 | 0.7673% |
| 1984 | 4.470911 | 0.223668 | 0.8149% | 1983 | 4.434770 | 0.225491 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.392003 | 0.227687 | 0.9508% | 1981 | 4.350637 | 0.229851 | 0.9031% | 1980 |
| 4.311700 | 0.231927 | 2.2701% | 1979 | 4.215994 | 0.237192 | 1.0042% | 1978 |
| 4.174078 | 0.239574 | 0.9896% | 1977 | 4.133176 | 0.241945 | 0.9103% | 1976 |
| 4.095890 | 0.244147 | 0.8394% | 1975 | 4.061794 | 0.246197 | 0.9042% | 1974 |
| 4.025397 | 0.248423 | 1.1568% | 1973 | 3.979364 | 0.251296 | 0.9427% | 1972 |
| 3.942201 | 0.253665 | 0.7426% | 1971 | 3.913141 | 0.255549 | 1.4697% | 1970 |
| 3.856461 | 0.259305 | 0.6968% | 1969 | 3.829774 | 0.261112 | 0.8565% | 1968 |
| 3.797249 | 0.263349 | 1.5090% | 1967 | 3.740799 | 0.267323 | 0.9949% | 1966 |
| 3.703948 | 0.269982 | 1.0575% | 1965 | 3.665190 | 0.272837 | 1.1300% | 1964 |
| 3.624236 | 0.275920 | 1.5537% | 1963 | 3.568789 | 0.280207 | 1.4658% | 1962 |
| 3.517233 | 0.284314 | 1.5364% | 1961 | 3.464011 | 0.288683 | 2.1586% | 1960 |
| 3.390815 | 0.294914 | -1.6655% | 1959 | 3.448245 | 0.290003 | 4.3080% | 1958 |
| 3.305830 | 0.302496 | 2.1130% | 1957 | 3.237425 | 0.308888 | 1.9895% | 1956 |
| 3.174273 | 0.315033 | 2.1231% | 1955 | 3.108281 | 0.321721 | 1.4496% | 1954 |
| 3.063867 | 0.326385 | 2.1573% | 1953 | 2.999167 | 0.333426 | 1.2298% | 1952 |
| 2.962733 | 0.337526 | 1.6814% | 1951 | 2.913742 | 0.343201 | 1.6233% | 1950 |
| 2.867199 | 0.348772 | 1.4265% | 1949 | 2.826873 | 0.353748 | 1.7790% | 1948 |
| 2.777461 | 0.360041 | 1.8242% | 1947 | 2.727703 | 0.366609 | -2.6320% | 1946 |
| 2.801438 | 0.356960 | 3.1768% | 1945 | 2.715182 | 0.368299 | 6.4754% | 1944 |
| 2.550055 | 0.392148 | -0.3437% | 1943 | 2.558849 | 0.390801 | 0.6562% | 1942 |
| 2.542167 | 0.393365 | 0.6633% | 1941 | 2.525416 | 0.395974 | -5.6614% | 1940 |
| 2.676971 | 0.373557 | 8.0381% | 1939 | 2.477802 | 0.403583 | 0.8126% | 1938 |
| 2.457829 | 0.406863 | 0.7762% | 1937 | 2.438897 | 0.410021 | 0.6029% | 1936 |
| 2.424282 | 0.412493 | 0.5244% | 1935 | 2.411636 | 0.414656 | -3.0364% | 1934 |
| 2.487155 | 0.402066 | 4.6271% | 1933 | 2.377161 | 0.420670 | 1.3921% | 1932 |
| 2.344522 | 0.426526 | -0.2051% | 1931 | 2.349340 | 0.425651 | 0.8886% | 1930 |
| 2.328648 | 0.429434 | 1.0126% | 1929 | 2.305305 | 0.433782 | 1.1526% | 1928 |
| 2.279037 | 0.438782 | 1.2160% | 1927 | 2.251657 | 0.444117 | 1.4086% | 1926 |
| 2.220381 | 0.450373 | 1.7667% | 1925 | 2.181834 | 0.458330 | 1.4465% | 1924 |
| 2.150724 | 0.464960 | 1.7700% | 1923 | 2.113319 | 0.473189 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.079700 | 0.480839 | 1.3736% | 1921 | 2.051520 | 0.487444 | 2.3393% | 1920 |
| 2.004625 | 0.498846 | 1.3140% | 1919 | 1.978626 | 0.505401 | 0.7676% | 1918 |
| 1.963553 | 0.509281 | 0.3870% | 1917 | 1.955983 | 0.511252 | 1.3274% | 1916 |
| 1.930359 | 0.518038 | 1.4083% | 1915 | 1.903552 | 0.525334 | 1.4458% | 1914 |
| 1.876422 | 0.532929 | 1.9424% | 1913 | 1.840669 | 0.543281 | 1.9857% | 1912 |
| 1.804831 | 0.554068 | 1.5634% | 1911 | 1.777049 | 0.562731 | 1.8169% | 1910 |
| 1.745338 | 0.572955 | 1.8781% | 1909 | 1.713163 | 0.583716 | 2.0082% | 1908 |
| 1.679436 | 0.595438 | 1.9603% | 1907 | 1.647148 | 0.607110 | 1.8264% | 1906 |
| 1.617605 | 0.618198 | 1.9357% | 1905 | 1.586888 | 0.630164 | 2.0148% | 1904 |
| 1.555546 | 0.642861 | 2.1335% | 1903 | 1.523051 | 0.656577 | 1.8151% | 1902 |
| 1.495899 | 0.668495 | 1.8943% | 1901 | 1.468088 | 0.681158 | 3.0255% | 1900 |
| 1.424975 | 0.701767 | 0.6278% | 1899 | 1.416085 | 0.706173 | 1.7757% | 1898 |
| 1.391378 | 0.718712 | 1.8078% | 1897 | 1.366672 | 0.731704 | 1.8396% | 1896 |
| 1.341985 | 0.745165 | 1.8755% | 1895 | 1.317279 | 0.759141 | 1.9114% | 1894 |
| 1.292573 | 0.773651 | 1.9486% | 1893 | 1.267867 | 0.788726 | 1.9858% | 1892 |
| 1.243180 | 0.804389 | 2.0276% | 1891 | 1.218474 | 0.820699 | 2.6465% | 1890 |
| 1.187058 | 0.842419 | 1.5328% | 1889 | 1.169137 | 0.855332 | 2.0811% | 1888 |
| 1.145302 | 0.873132 | 2.1599% | 1887 | 1.121088 | 0.891990 | 2.2075% | 1886 |
| 1.096874 | 0.911681 | 2.2592% | 1885 | 1.072642 | 0.932278 | 2.3095% | 1884 |
| 1.048428 | 0.953809 | 2.3641% | 1883 | 1.024214 | 0.976359 | 2.4214% | 1882 |
| 1.000000 | 1.000000 | 2.4815% | 1881 | 0.975786 | 1.024815 | 3.7644% | 1880 |
| 0.940386 | 1.063393 | 0.9432% | 1879 | 0.931599 | 1.073423 | 2.1464% | 1878 |
| 0.912024 | 1.096463 | 2.1913% | 1877 | 0.892467 | 1.120490 | 2.2426% | 1876 |
| 0.872891 | 1.145618 | 2.2941% | 1875 | 0.853316 | 1.171899 | 2.3456% | 1874 |
| 0.833759 | 1.199387 | 2.4043% | 1873 | 0.814184 | 1.228224 | 2.4635% | 1872 |
| 0.794608 | 1.258482 | 2.5258% | 1871 | 0.775033 | 1.290268 | 5.9947% | 1870 |
| 0.731200 | 1.367616 | -1.0968% | 1869 | 0.739308 | 1.352616 | 2.1930% | 1868 |
| 0.723443 | 1.382278 | 2.2394% | 1867 | 0.707597 | 1.413233 | 2.2935% | 1866 |
| 0.691732 | 1.445646 | 2.3445% | 1865 | 0.675886 | 1.479538 | 2.4037% | 1864 |
| 0.660022 | 1.515102 | 2.4599% | 1863 | 0.644176 | 1.552372 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.628311 | 1.591569 | 2.5872% | 1861 | 0.612465 | 1.632747 | 2.9504% | 1860 |
| 0.594912 | 1.680920 | 2.4012% | 1859 | 0.580962 | 1.721283 | 2.7627% | 1858 |
| 0.565343 | 1.768837 | 2.8412% | 1857 | 0.549725 | 1.819093 | 2.9243% | 1856 |
| 0.534106 | 1.872288 | 3.0161% | 1855 | 0.518468 | 1.928759 | 3.1061% | 1854 |
| 0.502849 | 1.988668 | 3.2056% | 1853 | 0.487230 | 2.052417 | 3.3118% | 1852 |
| 0.471612 | 2.120389 | 3.4252% | 1851 | 0.455993 | 2.193017 | 4.0106% | 1850 |
| 0.438410 | 2.280970 | 2.3254% | 1849 | 0.428447 | 2.334011 | 2.7841% | 1848 |
| 0.416842 | 2.398992 | 2.8590% | 1847 | 0.405255 | 2.467579 | 2.9432% | 1846 |
| 0.393669 | 2.540204 | 3.0324% | 1845 | 0.382083 | 2.617233 | 3.1325% | 1844 |
| 0.370478 | 2.699218 | 3.2284% | 1843 | 0.358891 | 2.786359 | 3.3361% | 1842 |
| 0.347305 | 2.879313 | 3.4512% | 1841 | 0.335719 | 2.978684 | 3.8105% | 1840 |
| 0.323396 | 3.092186 | 2.3861% | 1839 | 0.315859 | 3.165967 | 2.5824% | 1838 |
| 0.307908 | 3.247725 | 2.6573% | 1837 | 0.299938 | 3.334028 | 2.7232% | 1836 |
| 0.291986 | 3.424820 | 2.7994% | 1835 | 0.284035 | 3.520696 | 2.8871% | 1834 |
| 0.276064 | 3.622343 | 2.9657% | 1833 | 0.268113 | 3.729770 | 3.0563% | 1832 |
| 0.260162 | 3.843764 | 3.1604% | 1831 | 0.252191 | 3.965243 | 3.4660% | 1830 |
| 0.243743 | 4.102677 | 2.4653% | 1829 | 0.237879 | 4.203820 | 2.6804% | 1828 |
| 0.231669 | 4.316499 | 10.3427% | 1827 | 0.209954 | 4.762940 | -4.2314% | 1826 |
| 0.219231 | 4.561399 | 2.9150% | 1825 | 0.213021 | 4.694365 | 3.0026% | 1824 |
| 0.206812 | 4.835317 | 3.0955% | 1823 | 0.200602 | 4.984994 | 3.1944% | 1822 |
| 0.194392 | 5.144235 | 3.3102% | 1821 | 0.188164 | 5.314519 | 3.2277% | 1820 |
| 0.182280 | 5.486057 | 2.6573% | 1819 | 0.177562 | 5.631837 | 2.6261% | 1818 |
| 0.173018 | 5.779735 | 2.6969% | 1817 | 0.168475 | 5.935611 | 2.7717% | 1816 |
| 0.163931 | 6.100127 | 2.8507% | 1815 | 0.159387 | 6.274023 | 2.9343% | 1814 |
| 0.154844 | 6.458124 | 3.0231% | 1813 | 0.150300 | 6.653357 | 3.1039% | 1812 |
| 0.145775 | 6.859870 | 3.2172% | 1811 | 0.141232 | 7.080563 | 3.0969% | 1810 |
| 0.136989 | 7.299842 | 2.9144% | 1809 | 0.133110 | 7.512587 | 2.8225% | 1808 |
| 0.129456 | 7.724627 | 2.9199% | 1807 | 0.125783 | 7.950181 | 2.9918% | 1806 |
| 0.122129 | 8.188033 | 3.0841% | 1805 | 0.118476 | 8.440556 | 3.1822% | 1804 |
| 0.114822 | 8.709151 | 3.2868% | 1803 | 0.111168 | 8.995402 | 3.3985% | 1802 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.107514 | 9.301109 | 3.5180% | 1801 | 0.103860 | 9.628327 | 3.3999% | 1800 |
| 0.100445 | 9.955685 | 2.8419% | 1799 | 0.097669 | 10.238612 | 2.7485% | 1798 |
| 0.095057 | 10.520016 | 2.8261% | 1797 | 0.092444 | 10.817325 | 3.7832% | 1796 |
| 0.089074 | 11.226567 | 2.1272% | 1795 | 0.087219 | 11.465379 | 3.0879% | 1794 |
| 0.084607 | 11.819423 | 3.1625% | 1793 | 0.082013 | 12.193213 | 3.2904% | 1792 |
| 0.079400 | 12.594421 | 3.4024% | 1791 | 0.076788 | 13.022929 | 3.2296% | 1790 |
| 0.074385 | 13.443513 | 41.3145% | 1780 | 0.052638 | 18.997626 | 29.4353% | 1770 |
| 0.040668 | 24.589637 | 83.4728% | 1750 | 0.022165 | 45.115306 | 29.2845% | 1740 |
| 0.017145 | 58.327076 | 94.2514% | 1720 | 0.008826 | 113.301158 | 85.8111% | 1700 |
| 0.004750 | 210.526106 | 19.2490% | 1690 | 0.003983 | 251.050380 | 88.0250% | |
| 1670 | 0.002118 | 472.037534 | | | | | |

BASE YEAR: 1881

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 5.848247 | 0.170991 | 8.2857% | 2001 | 5.400759 | 0.185159 | 1.0000% |
| 2000 | 5.347285 | 0.187011 | 1.0000% | 1999 | 5.294342 | 0.188881 | 1.0000% |
| 1998 | 5.241923 | 0.190770 | 1.0000% | 1997 | 5.190022 | 0.192677 | 1.0000% |
| 1996 | 5.138636 | 0.194604 | 1.0000% | 1995 | 5.087758 | 0.196550 | 0.9992% |
| 1994 | 5.037423 | 0.198514 | 1.0008% | 1993 | 4.987509 | 0.200501 | 1.0000% |
| 1992 | 4.938128 | 0.202506 | 0.9295% | 1991 | 4.892651 | 0.204388 | 1.2505% |
| 1990 | 4.832223 | 0.206944 | 0.7224% | 1989 | 4.797563 | 0.208439 | 1.1077% |
| 1988 | 4.745004 | 0.210748 | 0.8834% | 1987 | 4.703455 | 0.212610 | 0.5594% |
| 1986 | 4.677292 | 0.213799 | 1.3056% | 1985 | 4.617011 | 0.216590 | 0.7673% |
| 1984 | 4.581856 | 0.218252 | 0.8149% | 1983 | 4.544818 | 0.220031 | 0.9737% |
| 1982 | 4.500989 | 0.222173 | 0.9508% | 1981 | 4.458597 | 0.224286 | 0.9031% |
| 1980 | 4.418693 | 0.226311 | 2.2701% | 1979 | 4.320612 | 0.231449 | 1.0042% |
| 1978 | 4.277657 | 0.233773 | 0.9896% | 1977 | 4.235740 | 0.236086 | 0.9103% |
| 1976 | 4.197528 | 0.238235 | 0.8394% | 1975 | 4.162586 | 0.240235 | 0.9042% |
| 1974 | 4.125286 | 0.242407 | 1.1568% | 1973 | 4.078111 | 0.245212 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.040026 | 0.247523 | 0.7426% | 1971 | 4.010244 | 0.249361 | 1.4697% | 1970 |
| 3.952158 | 0.253026 | 0.6968% | 1969 | 3.924809 | 0.254789 | 0.8565% | 1968 |
| 3.891477 | 0.256972 | 1.5090% | 1967 | 3.833626 | 0.260850 | 0.9949% | 1966 |
| 3.795861 | 0.263445 | 1.0575% | 1965 | 3.756141 | 0.266231 | 1.1300% | 1964 |
| 3.714170 | 0.269239 | 1.5537% | 1963 | 3.657347 | 0.273422 | 1.4658% | 1962 |
| 3.604512 | 0.277430 | 1.5364% | 1961 | 3.549969 | 0.281693 | 2.1586% | 1960 |
| 3.474957 | 0.287773 | -1.6655% | 1959 | 3.533812 | 0.282981 | 4.3080% | 1958 |
| 3.387863 | 0.295171 | 2.1130% | 1957 | 3.317760 | 0.301408 | 1.9895% | 1956 |
| 3.253041 | 0.307405 | 2.1231% | 1955 | 3.185412 | 0.313931 | 1.4496% | 1954 |
| 3.139896 | 0.318482 | 2.1573% | 1953 | 3.073590 | 0.325352 | 1.2298% | 1952 |
| 3.036252 | 0.329353 | 1.6814% | 1951 | 2.986045 | 0.334891 | 1.6233% | 1950 |
| 2.938348 | 0.340327 | 1.4265% | 1949 | 2.897021 | 0.345182 | 1.7790% | 1948 |
| 2.846383 | 0.351323 | 1.8242% | 1947 | 2.795390 | 0.357732 | -2.6320% | 1946 |
| 2.870955 | 0.348316 | 3.1768% | 1945 | 2.782558 | 0.359381 | 6.4754% | 1944 |
| 2.613334 | 0.382653 | -0.3437% | 1943 | 2.622347 | 0.381338 | 0.6562% | 1942 |
| 2.605250 | 0.383840 | 0.6633% | 1941 | 2.588084 | 0.386386 | -5.6614% | 1940 |
| 2.743399 | 0.364511 | 8.0381% | 1939 | 2.539288 | 0.393811 | 0.8126% | 1938 |
| 2.518820 | 0.397011 | 0.7762% | 1937 | 2.499418 | 0.400093 | 0.6029% | 1936 |
| 2.484440 | 0.402505 | 0.5244% | 1935 | 2.471480 | 0.404616 | -3.0364% | 1934 |
| 2.548873 | 0.392330 | 4.6271% | 1933 | 2.436149 | 0.410484 | 1.3921% | 1932 |
| 2.402701 | 0.416198 | -0.2051% | 1931 | 2.407638 | 0.415345 | 0.8886% | 1930 |
| 2.386433 | 0.419036 | 1.0126% | 1929 | 2.362510 | 0.423279 | 1.1526% | 1928 |
| 2.335590 | 0.428157 | 1.2160% | 1927 | 2.307531 | 0.433364 | 1.4086% | 1926 |
| 2.275479 | 0.439468 | 1.7667% | 1925 | 2.235976 | 0.447232 | 1.4465% | 1924 |
| 2.204094 | 0.453701 | 1.7700% | 1923 | 2.165760 | 0.461732 | 1.6165% | 1922 |
| 2.131307 | 0.469196 | 1.3736% | 1921 | 2.102428 | 0.475641 | 2.3393% | 1920 |
| 2.054369 | 0.486767 | 1.3140% | 1919 | 2.027725 | 0.493164 | 0.7676% | 1918 |
| 2.012278 | 0.496949 | 0.3870% | 1917 | 2.004521 | 0.498872 | 1.3274% | 1916 |
| 1.978260 | 0.505495 | 1.4083% | 1915 | 1.950788 | 0.512613 | 1.4458% | 1914 |
| 1.922985 | 0.520025 | 1.9424% | 1913 | 1.886345 | 0.530126 | 1.9857% | 1912 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.849618 | 0.540652 | 1.5634% | 1911 | 1.821146 | 0.549105 | 1.8169% | 1910 |
| 1.788648 | 0.559082 | 1.8781% | 1909 | 1.755675 | 0.569582 | 2.0082% | 1908 |
| 1.721111 | 0.581020 | 1.9603% | 1907 | 1.688021 | 0.592410 | 1.8264% | 1906 |
| 1.657745 | 0.603229 | 1.9357% | 1905 | 1.626266 | 0.614906 | 2.0148% | 1904 |
| 1.594147 | 0.627295 | 2.1335% | 1903 | 1.560845 | 0.640678 | 1.8151% | 1902 |
| 1.533019 | 0.652308 | 1.8943% | 1901 | 1.504518 | 0.664665 | 3.0255% | 1900 |
| 1.460336 | 0.684774 | 0.6278% | 1899 | 1.451224 | 0.689073 | 1.7757% | 1898 |
| 1.425905 | 0.701309 | 1.8078% | 1897 | 1.400586 | 0.713987 | 1.8396% | 1896 |
| 1.375286 | 0.727121 | 1.8755% | 1895 | 1.349967 | 0.740759 | 1.9114% | 1894 |
| 1.324648 | 0.754918 | 1.9486% | 1893 | 1.299329 | 0.769628 | 1.9858% | 1892 |
| 1.274029 | 0.784912 | 2.0276% | 1891 | 1.248710 | 0.800827 | 2.6465% | 1890 |
| 1.216515 | 0.822021 | 1.5328% | 1889 | 1.198149 | 0.834621 | 2.0811% | 1888 |
| 1.173722 | 0.851990 | 2.1599% | 1887 | 1.148908 | 0.870392 | 2.2075% | 1886 |
| 1.124093 | 0.889606 | 2.2592% | 1885 | 1.099259 | 0.909704 | 2.3095% | 1884 |
| 1.074444 | 0.930714 | 2.3641% | 1883 | 1.049629 | 0.952717 | 2.4214% | 1882 |
| 1.024815 | 0.975786 | 2.4815% | 1881 | 1.000000 | 1.000000 | 3.7644% | 1880 |
| 0.963722 | 1.037644 | 0.9432% | 1879 | 0.954717 | 1.047431 | 2.1464% | 1878 |
| 0.934655 | 1.069913 | 2.1913% | 1877 | 0.914613 | 1.093358 | 2.2426% | 1876 |
| 0.894552 | 1.117878 | 2.2941% | 1875 | 0.874491 | 1.143523 | 2.3456% | 1874 |
| 0.854449 | 1.170345 | 2.4043% | 1873 | 0.834387 | 1.198484 | 2.4635% | 1872 |
| 0.814326 | 1.228009 | 2.5258% | 1871 | 0.794265 | 1.259026 | 5.9947% | 1870 |
| 0.749344 | 1.334500 | -1.0968% | 1869 | 0.757654 | 1.319864 | 2.1930% | 1868 |
| 0.741395 | 1.348808 | 2.2394% | 1867 | 0.725156 | 1.379013 | 2.2935% | 1866 |
| 0.708898 | 1.410641 | 2.3445% | 1865 | 0.692658 | 1.443713 | 2.4037% | 1864 |
| 0.676400 | 1.478416 | 2.4599% | 1863 | 0.660161 | 1.514783 | 2.5250% | 1862 |
| 0.643902 | 1.553031 | 2.5872% | 1861 | 0.627663 | 1.593212 | 2.9504% | 1860 |
| 0.609675 | 1.640218 | 2.4012% | 1859 | 0.595379 | 1.679604 | 2.7627% | 1858 |
| 0.579372 | 1.726006 | 2.8412% | 1857 | 0.563366 | 1.775046 | 2.9243% | 1856 |
| 0.547359 | 1.826953 | 3.0161% | 1855 | 0.531334 | 1.882057 | 3.1061% | 1854 |
| 0.515327 | 1.940514 | 3.2056% | 1853 | 0.499321 | 2.002720 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.483315 | 2.069046 | 3.4252% | 1851 | 0.467308 | 2.139915 | 4.0106% | 1850 |
| 0.449289 | 2.225739 | 2.3254% | 1849 | 0.439079 | 2.277495 | 2.7841% | 1848 |
| 0.427186 | 2.340903 | 2.8590% | 1847 | 0.415312 | 2.407830 | 2.9432% | 1846 |
| 0.403438 | 2.478696 | 3.0324% | 1845 | 0.391564 | 2.553860 | 3.1325% | 1844 |
| 0.379671 | 2.633860 | 3.2284% | 1843 | 0.367797 | 2.718890 | 3.3361% | 1842 |
| 0.355923 | 2.809594 | 3.4512% | 1841 | 0.344050 | 2.906558 | 3.8105% | 1840 |
| 0.331421 | 3.017312 | 2.3861% | 1839 | 0.323697 | 3.089307 | 2.5824% | 1838 |
| 0.315548 | 3.169085 | 2.6573% | 1837 | 0.307380 | 3.253298 | 2.7232% | 1836 |
| 0.299232 | 3.341892 | 2.7994% | 1835 | 0.291083 | 3.435446 | 2.8871% | 1834 |
| 0.282915 | 3.534632 | 2.9657% | 1833 | 0.274766 | 3.639458 | 3.0563% | 1832 |
| 0.266618 | 3.750691 | 3.1604% | 1831 | 0.258449 | 3.869229 | 3.4660% | 1830 |
| 0.249792 | 4.003335 | 2.4653% | 1829 | 0.243782 | 4.102029 | 2.6804% | 1828 |
| 0.237418 | 4.211980 | 10.3427% | 1827 | 0.215164 | 4.647610 | -4.2314% | 1826 |
| 0.224671 | 4.450950 | 2.9150% | 1825 | 0.218307 | 4.580697 | 3.0026% | 1824 |
| 0.211944 | 4.718235 | 3.0955% | 1823 | 0.205580 | 4.864288 | 3.1944% | 1822 |
| 0.199216 | 5.019673 | 3.3102% | 1821 | 0.192833 | 5.185834 | 3.2277% | 1820 |
| 0.186804 | 5.353219 | 2.6573% | 1819 | 0.181968 | 5.495469 | 2.6261% | 1818 |
| 0.177312 | 5.639786 | 2.6969% | 1817 | 0.172655 | 5.791887 | 2.7717% | 1816 |
| 0.167999 | 5.952419 | 2.8507% | 1815 | 0.163343 | 6.122105 | 2.9343% | 1814 |
| 0.158686 | 6.301748 | 3.0231% | 1813 | 0.154030 | 6.492253 | 3.1039% | 1812 |
| 0.149393 | 6.693766 | 3.2172% | 1811 | 0.144736 | 6.909115 | 3.0969% | 1810 |
| 0.140389 | 7.123085 | 2.9144% | 1809 | 0.136413 | 7.330678 | 2.8225% | 1808 |
| 0.132669 | 7.537584 | 2.9199% | 1807 | 0.128905 | 7.757676 | 2.9918% | 1806 |
| 0.125160 | 7.989769 | 3.0841% | 1805 | 0.121416 | 8.236178 | 3.1822% | 1804 |
| 0.117671 | 8.498269 | 3.2868% | 1803 | 0.113927 | 8.777589 | 3.3985% | 1802 |
| 0.110182 | 9.075894 | 3.5180% | 1801 | 0.106437 | 9.395188 | 3.3999% | 1800 |
| 0.102938 | 9.714619 | 2.8419% | 1799 | 0.100093 | 9.990696 | 2.7485% | 1798 |
| 0.097416 | 10.265286 | 2.8261% | 1797 | 0.094738 | 10.555396 | 3.7832% | 1796 |
| 0.091285 | 10.954729 | 2.1272% | 1795 | 0.089383 | 11.187758 | 3.0879% | 1794 |
| 0.086706 | 11.533229 | 3.1625% | 1793 | 0.084048 | 11.897969 | 3.2904% | 1792 |

0.081371 12.289461 3.4024% 1791 0.078693 12.707594 3.2296% 1790
0.076231 13.117993 41.3145% 1780 0.053944 18.537620 29.4353% 1770
0.041677 23.994227 83.4728% 1750 0.022715 44.022890 29.2845% 1740
0.017570 56.914753 94.2514% 1720 0.009045 110.557701 85.8111% 1700
0.004868 205.428458 19.2490% 1690 0.004082 244.971483 88.0250%
1670 0.002171 460.607685

BASE YEAR: 1880

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 6.068398 0.164788 8.2857% 2001 5.604065 0.178442 1.0000%
2000 5.548578 0.180226 1.0000% 1999 5.493642 0.182029 1.0000% 1998
5.439249 0.183849 1.0000% 1997 5.385395 0.185687 1.0000% 1996
5.332075 0.187544 1.0000% 1995 5.279282 0.189420 0.9992% 1994
5.227052 0.191312 1.0008% 1993 5.175259 0.193227 1.0000% 1992
5.124019 0.195159 0.9295% 1991 5.076829 0.196973 1.2505% 1990
5.014127 0.199437 0.7224% 1989 4.978162 0.200877 1.1077% 1988
4.923625 0.203102 0.8834% 1987 4.880512 0.204897 0.5594% 1986
4.853364 0.206043 1.3056% 1985 4.790814 0.208733 0.7673% 1984
4.754335 0.210334 0.8149% 1983 4.715903 0.212048 0.9737% 1982
4.670425 0.214113 0.9508% 1981 4.626436 0.216149 0.9031% 1980
4.585030 0.218101 2.2701% 1979 4.483257 0.223052 1.0042% 1978
4.438685 0.225292 0.9896% 1977 4.395190 0.227521 0.9103% 1976
4.355540 0.229593 0.8394% 1975 4.319282 0.231520 0.9042% 1974
4.280578 0.233613 1.1568% 1973 4.231627 0.236316 0.9427% 1972
4.192108 0.238543 0.7426% 1971 4.161206 0.240315 1.4697% 1970
4.100933 0.243847 0.6968% 1969 4.072554 0.245546 0.8565% 1968
4.037967 0.247649 1.5090% 1967 3.977939 0.251386 0.9949% 1966
3.938752 0.253888 1.0575% 1965 3.897537 0.256572 1.1300% 1964
3.853986 0.259472 1.5537% 1963 3.795024 0.263503 1.4658% 1962

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.740200 | 0.267365 | 1.5364% | 1961 | 3.683604 | 0.271473 | 2.1586% | 1960 |
| 3.605768 | 0.277333 | -1.6655% | 1959 | 3.666839 | 0.272714 | 4.3080% | 1958 |
| 3.515396 | 0.284463 | 2.1130% | 1957 | 3.442654 | 0.290474 | 1.9895% | 1956 |
| 3.375499 | 0.296253 | 2.1231% | 1955 | 3.305323 | 0.302542 | 1.4496% | 1954 |
| 3.258094 | 0.306928 | 2.1573% | 1953 | 3.189293 | 0.313549 | 1.2298% | 1952 |
| 3.150549 | 0.317405 | 1.6814% | 1951 | 3.098452 | 0.322742 | 1.6233% | 1950 |
| 3.048959 | 0.327981 | 1.4265% | 1949 | 3.006076 | 0.332660 | 1.7790% | 1948 |
| 2.953532 | 0.338578 | 1.8242% | 1947 | 2.900620 | 0.344754 | -2.6320% | 1946 |
| 2.979029 | 0.335680 | 3.1768% | 1945 | 2.887305 | 0.346344 | 6.4754% | 1944 |
| 2.711710 | 0.368771 | -0.3437% | 1943 | 2.721062 | 0.367504 | 0.6562% | 1942 |
| 2.703322 | 0.369915 | 0.6633% | 1941 | 2.685509 | 0.372369 | -5.6614% | 1940 |
| 2.846671 | 0.351287 | 8.0381% | 1939 | 2.634877 | 0.379524 | 0.8126% | 1938 |
| 2.613638 | 0.382608 | 0.7762% | 1937 | 2.593506 | 0.385578 | 0.6029% | 1936 |
| 2.577964 | 0.387903 | 0.5244% | 1935 | 2.564516 | 0.389937 | -3.0364% | 1934 |
| 2.644822 | 0.378097 | 4.6271% | 1933 | 2.527855 | 0.395592 | 1.3921% | 1932 |
| 2.493148 | 0.401099 | -0.2051% | 1931 | 2.498271 | 0.400277 | 0.8886% | 1930 |
| 2.476267 | 0.403834 | 1.0126% | 1929 | 2.451444 | 0.407923 | 1.1526% | 1928 |
| 2.423511 | 0.412624 | 1.2160% | 1927 | 2.394395 | 0.417642 | 1.4086% | 1926 |
| 2.361137 | 0.423525 | 1.7667% | 1925 | 2.320147 | 0.431007 | 1.4465% | 1924 |
| 2.287065 | 0.437242 | 1.7700% | 1923 | 2.247288 | 0.444981 | 1.6165% | 1922 |
| 2.211538 | 0.452174 | 1.3736% | 1921 | 2.181571 | 0.458385 | 2.3393% | 1920 |
| 2.131704 | 0.469108 | 1.3140% | 1919 | 2.104057 | 0.475272 | 0.7676% | 1918 |
| 2.088028 | 0.478921 | 0.3870% | 1917 | 2.079979 | 0.480774 | 1.3274% | 1916 |
| 2.052730 | 0.487156 | 1.4083% | 1915 | 2.024223 | 0.494017 | 1.4458% | 1914 |
| 1.995374 | 0.501159 | 1.9424% | 1913 | 1.957355 | 0.510894 | 1.9857% | 1912 |
| 1.919245 | 0.521038 | 1.5634% | 1911 | 1.889701 | 0.529184 | 1.8169% | 1910 |
| 1.855979 | 0.538799 | 1.8781% | 1909 | 1.821766 | 0.548918 | 2.0082% | 1908 |
| 1.785900 | 0.559942 | 1.9603% | 1907 | 1.751565 | 0.570918 | 1.8264% | 1906 |
| 1.720149 | 0.581345 | 1.9357% | 1905 | 1.687485 | 0.592598 | 2.0148% | 1904 |
| 1.654157 | 0.604538 | 2.1335% | 1903 | 1.619602 | 0.617436 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.590728 | 0.628643 | 1.8943% | 1901 | 1.561154 | 0.640552 | 3.0255% | 1900 |
| 1.515308 | 0.659932 | 0.6278% | 1899 | 1.505854 | 0.664075 | 1.7757% | 1898 |
| 1.479582 | 0.675867 | 1.8078% | 1897 | 1.453310 | 0.688085 | 1.8396% | 1896 |
| 1.427057 | 0.700743 | 1.8755% | 1895 | 1.400785 | 0.713885 | 1.9114% | 1894 |
| 1.374513 | 0.727530 | 1.9486% | 1893 | 1.348241 | 0.741707 | 1.9858% | 1892 |
| 1.321988 | 0.756436 | 2.0276% | 1891 | 1.295716 | 0.771774 | 2.6465% | 1890 |
| 1.262309 | 0.792199 | 1.5328% | 1889 | 1.243252 | 0.804342 | 2.0811% | 1888 |
| 1.217906 | 0.821081 | 2.1599% | 1887 | 1.192157 | 0.838816 | 2.2075% | 1886 |
| 1.166408 | 0.857333 | 2.2592% | 1885 | 1.140639 | 0.876701 | 2.3095% | 1884 |
| 1.114890 | 0.896949 | 2.3641% | 1883 | 1.089142 | 0.918154 | 2.4214% | 1882 |
| 1.063393 | 0.940386 | 2.4815% | 1881 | 1.037644 | 0.963722 | 3.7644% | 1880 |
| 1.000000 | 1.000000 | 0.9432% | 1879 | 0.990656 | 1.009432 | 2.1464% | 1878 |
| 0.969839 | 1.031099 | 2.1913% | 1877 | 0.949043 | 1.053693 | 2.2426% | 1876 |
| 0.928226 | 1.077323 | 2.2941% | 1875 | 0.907410 | 1.102038 | 2.3456% | 1874 |
| 0.886614 | 1.127887 | 2.4043% | 1873 | 0.865797 | 1.155005 | 2.4635% | 1872 |
| 0.844981 | 1.183459 | 2.5258% | 1871 | 0.824164 | 1.213351 | 5.9947% | 1870 |
| 0.777552 | 1.286087 | -1.0968% | 1869 | 0.786175 | 1.271981 | 2.1930% | 1868 |
| 0.769304 | 1.299876 | 2.2394% | 1867 | 0.752454 | 1.328985 | 2.2935% | 1866 |
| 0.735583 | 1.359465 | 2.3445% | 1865 | 0.718733 | 1.391338 | 2.4037% | 1864 |
| 0.701862 | 1.424781 | 2.4599% | 1863 | 0.685012 | 1.459829 | 2.5250% | 1862 |
| 0.668141 | 1.496690 | 2.5872% | 1861 | 0.651291 | 1.535413 | 2.9504% | 1860 |
| 0.632626 | 1.580714 | 2.4012% | 1859 | 0.617791 | 1.618671 | 2.7627% | 1858 |
| 0.601182 | 1.663390 | 2.8412% | 1857 | 0.584573 | 1.710650 | 2.9243% | 1856 |
| 0.567964 | 1.760674 | 3.0161% | 1855 | 0.551335 | 1.813779 | 3.1061% | 1854 |
| 0.534726 | 1.870116 | 3.2056% | 1853 | 0.518117 | 1.930065 | 3.3118% | 1852 |
| 0.501508 | 1.993984 | 3.4252% | 1851 | 0.484900 | 2.062283 | 4.0106% | 1850 |
| 0.466202 | 2.144993 | 2.3254% | 1849 | 0.455607 | 2.194872 | 2.7841% | 1848 |
| 0.443267 | 2.255979 | 2.8590% | 1847 | 0.430946 | 2.320478 | 2.9432% | 1846 |
| 0.418625 | 2.388773 | 3.0324% | 1845 | 0.406304 | 2.461210 | 3.1325% | 1844 |
| 0.393963 | 2.538308 | 3.2284% | 1843 | 0.381642 | 2.620253 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|------------|----------|------|
| 0.369322 | 2.707667 | 3.4512% | 1841 | 0.357001 | 2.801113 | 3.8105% | 1840 |
| 0.343897 | 2.907850 | 2.3861% | 1839 | 0.335882 | 2.977232 | 2.5824% | 1838 |
| 0.327427 | 3.054116 | 2.6573% | 1837 | 0.318951 | 3.135274 | 2.7232% | 1836 |
| 0.310496 | 3.220654 | 2.7994% | 1835 | 0.302041 | 3.310814 | 2.8871% | 1834 |
| 0.293565 | 3.406401 | 2.9657% | 1833 | 0.285109 | 3.507424 | 3.0563% | 1832 |
| 0.276654 | 3.614623 | 3.1604% | 1831 | 0.268178 | 3.728860 | 3.4660% | 1830 |
| 0.259195 | 3.858101 | 2.4653% | 1829 | 0.252959 | 3.953215 | 2.6804% | 1828 |
| 0.246355 | 4.059177 | 10.3427% | 1827 | 0.223264 | 4.479003 | -4.2314% | 1826 |
| 0.233129 | 4.289477 | 2.9150% | 1825 | 0.226525 | 4.414517 | 3.0026% | 1824 |
| 0.219922 | 4.547066 | 3.0955% | 1823 | 0.213319 | 4.687820 | 3.1944% | 1822 |
| 0.206715 | 4.837568 | 3.3102% | 1821 | 0.200092 | 4.997700 | 3.2277% | 1820 |
| 0.193836 | 5.159013 | 2.6573% | 1819 | 0.188818 | 5.296102 | 2.6261% | 1818 |
| 0.183986 | 5.435184 | 2.6969% | 1817 | 0.179155 | 5.581767 | 2.7717% | 1816 |
| 0.174323 | 5.736476 | 2.8507% | 1815 | 0.169491 | 5.900005 | 2.9343% | 1814 |
| 0.164660 | 6.073132 | 3.0231% | 1813 | 0.159828 | 6.256726 | 3.1039% | 1812 |
| 0.155016 | 6.450928 | 3.2172% | 1811 | 0.150185 | 6.658464 | 3.0969% | 1810 |
| 0.145673 | 6.864671 | 2.9144% | 1809 | 0.141548 | 7.064734 | 2.8225% | 1808 |
| 0.137663 | 7.264133 | 2.9199% | 1807 | 0.133757 | 7.476241 | 2.9918% | 1806 |
| 0.129872 | 7.699914 | 3.0841% | 1805 | 0.125986 | 7.937383 | 3.1822% | 1804 |
| 0.122101 | 8.189966 | 3.2868% | 1803 | 0.118215 | 8.459153 | 3.3985% | 1802 |
| 0.114330 | 8.746636 | 3.5180% | 1801 | 0.110444 | 9.054346 | 3.3999% | 1800 |
| 0.106813 | 9.362189 | 2.8419% | 1799 | 0.103861 | 9.628250 | 2.7485% | 1798 |
| 0.101083 | 9.892879 | 2.8261% | 1797 | 0.098305 | 10.172464 | 3.7832% | 1796 |
| 0.094721 | 10.557310 | 2.1272% | 1795 | 0.092748 | 10.781885 | 3.0879% | 1794 |
| 0.089970 | 11.114823 | 3.1625% | 1793 | 0.087212 | 11.466331 | 3.2904% | 1792 |
| 0.084434 | 11.843620 | 3.4024% | 1791 | 0.081655 | 12.246584 | 3.2296% | 1790 |
| 0.079101 | 12.642095 | 41.3145% | 1780 | 0.055975 | 17.865107 | 29.4353% | 1770 |
| 0.043246 | 23.123758 | 83.4728% | 1750 | 0.023571 | 42.425815 | 29.2845% | 1740 |
| 0.018232 | 54.849982 | 94.2514% | 1720 | 0.009386 | 106.546855 | 85.8111% | 1700 |

0.005051 197.975863 19.2490% 1690 0.004236 236.084335 88.0250%
1670 0.002253 443.897623

BASE YEAR: 1879

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 6.125637 | 0.163248 | 8.2857% | 2001 | 5.656924 | 0.176775 | 1.0000% |
| 2000 | 5.600914 | 0.178542 | 1.0000% | 1999 | 5.545459 | 0.180328 | 1.0000% |
| 1998 | 5.490554 | 0.182131 | 1.0000% | 1997 | 5.436192 | 0.183952 | 1.0000% |
| 1996 | 5.382368 | 0.185792 | 1.0000% | 1995 | 5.329077 | 0.187650 | 0.9992% |
| 1994 | 5.276355 | 0.189525 | 1.0008% | 1993 | 5.224074 | 0.191422 | 1.0000% |
| 1992 | 5.172350 | 0.193336 | 0.9295% | 1991 | 5.124715 | 0.195133 | 1.2505% |
| 1990 | 5.061422 | 0.197573 | 0.7224% | 1989 | 5.025118 | 0.199000 | 1.1077% |
| 1988 | 4.970066 | 0.201205 | 0.8834% | 1987 | 4.926546 | 0.202982 | 0.5594% |
| 1986 | 4.899142 | 0.204117 | 1.3056% | 1985 | 4.836002 | 0.206782 | 0.7673% |
| 1984 | 4.799179 | 0.208369 | 0.8149% | 1983 | 4.760384 | 0.210067 | 0.9737% |
| 1982 | 4.714477 | 0.212113 | 0.9508% | 1981 | 4.670074 | 0.214129 | 0.9031% |
| 1980 | 4.628278 | 0.216063 | 2.2701% | 1979 | 4.525545 | 0.220968 | 1.0042% |
| 1978 | 4.480552 | 0.223187 | 0.9896% | 1977 | 4.436646 | 0.225395 | 0.9103% |
| 1976 | 4.396623 | 0.227447 | 0.8394% | 1975 | 4.360023 | 0.229357 | 0.9042% |
| 1974 | 4.320954 | 0.231430 | 1.1568% | 1973 | 4.271541 | 0.234108 | 0.9427% |
| 1972 | 4.231649 | 0.236314 | 0.7426% | 1971 | 4.200455 | 0.238069 | 1.4697% |
| 1970 | 4.139614 | 0.241568 | 0.6968% | 1969 | 4.110968 | 0.243252 | 0.8565% |
| 1968 | 4.076055 | 0.245335 | 1.5090% | 1967 | 4.015460 | 0.249037 | 0.9949% |
| 1966 | 3.975903 | 0.251515 | 1.0575% | 1965 | 3.934299 | 0.254175 | 1.1300% |
| 1964 | 3.890338 | 0.257047 | 1.5537% | 1963 | 3.830820 | 0.261041 | 1.4658% |
| 1962 | 3.775479 | 0.264867 | 1.5364% | 1961 | 3.718349 | 0.268937 | 2.1586% |
| 1960 | 3.639779 | 0.274742 | -1.6655% | 1959 | 3.701426 | 0.270166 | 4.3080% |
| 1958 | 3.548554 | 0.281805 | 2.1130% | 1957 | 3.475126 | 0.287759 | 1.9895% |
| 1956 | 3.407337 | 0.293484 | 2.1231% | 1955 | 3.336500 | 0.299715 | 1.4496% |
| 1954 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.288825 | 0.304060 | 2.1573% | 1953 | 3.219375 | 0.310619 | 1.2298% | 1952 |
| 3.180265 | 0.314439 | 1.6814% | 1951 | 3.127677 | 0.319726 | 1.6233% | 1950 |
| 3.077718 | 0.324916 | 1.4265% | 1949 | 3.034430 | 0.329551 | 1.7790% | 1948 |
| 2.981390 | 0.335414 | 1.8242% | 1947 | 2.927979 | 0.341532 | -2.6320% | 1946 |
| 3.007128 | 0.332543 | 3.1768% | 1945 | 2.914539 | 0.343107 | 6.4754% | 1944 |
| 2.737288 | 0.365325 | -0.3437% | 1943 | 2.746728 | 0.364070 | 0.6562% | 1942 |
| 2.728821 | 0.366459 | 0.6633% | 1941 | 2.710840 | 0.368889 | -5.6614% | 1940 |
| 2.873522 | 0.348005 | 8.0381% | 1939 | 2.659730 | 0.375978 | 0.8126% | 1938 |
| 2.638291 | 0.379033 | 0.7762% | 1937 | 2.617969 | 0.381976 | 0.6029% | 1936 |
| 2.602280 | 0.384278 | 0.5244% | 1935 | 2.588705 | 0.386294 | -3.0364% | 1934 |
| 2.669769 | 0.374564 | 4.6271% | 1933 | 2.551699 | 0.391896 | 1.3921% | 1932 |
| 2.516664 | 0.397351 | -0.2051% | 1931 | 2.521836 | 0.396537 | 0.8886% | 1930 |
| 2.499624 | 0.400060 | 1.0126% | 1929 | 2.474567 | 0.404111 | 1.1526% | 1928 |
| 2.446371 | 0.408769 | 1.2160% | 1927 | 2.416980 | 0.413739 | 1.4086% | 1926 |
| 2.383408 | 0.419567 | 1.7667% | 1925 | 2.342031 | 0.426980 | 1.4465% | 1924 |
| 2.308637 | 0.433156 | 1.7700% | 1923 | 2.268485 | 0.440823 | 1.6165% | 1922 |
| 2.232398 | 0.447949 | 1.3736% | 1921 | 2.202148 | 0.454102 | 2.3393% | 1920 |
| 2.151811 | 0.464725 | 1.3140% | 1919 | 2.123903 | 0.470831 | 0.7676% | 1918 |
| 2.107723 | 0.474446 | 0.3870% | 1917 | 2.099598 | 0.476282 | 1.3274% | 1916 |
| 2.072092 | 0.482604 | 1.4083% | 1915 | 2.043316 | 0.489401 | 1.4458% | 1914 |
| 2.014195 | 0.496476 | 1.9424% | 1913 | 1.975817 | 0.506120 | 1.9857% | 1912 |
| 1.937348 | 0.516170 | 1.5634% | 1911 | 1.907525 | 0.524239 | 1.8169% | 1910 |
| 1.873486 | 0.533764 | 1.8781% | 1909 | 1.838949 | 0.543789 | 2.0082% | 1908 |
| 1.802745 | 0.554709 | 1.9603% | 1907 | 1.768086 | 0.565583 | 1.8264% | 1906 |
| 1.736374 | 0.575913 | 1.9357% | 1905 | 1.703402 | 0.587061 | 2.0148% | 1904 |
| 1.669759 | 0.598889 | 2.1335% | 1903 | 1.634878 | 0.611666 | 1.8151% | 1902 |
| 1.605732 | 0.622769 | 1.8943% | 1901 | 1.575879 | 0.634566 | 3.0255% | 1900 |
| 1.529601 | 0.653765 | 0.6278% | 1899 | 1.520058 | 0.657870 | 1.7757% | 1898 |
| 1.493538 | 0.669551 | 1.8078% | 1897 | 1.467018 | 0.681655 | 1.8396% | 1896 |
| 1.440518 | 0.694195 | 1.8755% | 1895 | 1.413998 | 0.707215 | 1.9114% | 1894 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 1.387478 | 0.720732 | 1.9486% | 1893 | 1.360958 | 0.734777 | 1.9858% | 1892 |
| 1.334458 | 0.749368 | 2.0276% | 1891 | 1.307938 | 0.764562 | 2.6465% | 1890 |
| 1.274215 | 0.784797 | 1.5328% | 1889 | 1.254979 | 0.796826 | 2.0811% | 1888 |
| 1.229394 | 0.813409 | 2.1599% | 1887 | 1.203402 | 0.830978 | 2.2075% | 1886 |
| 1.177410 | 0.849322 | 2.2592% | 1885 | 1.151398 | 0.868509 | 2.3095% | 1884 |
| 1.125406 | 0.888568 | 2.3641% | 1883 | 1.099415 | 0.909575 | 2.4214% | 1882 |
| 1.073423 | 0.931599 | 2.4815% | 1881 | 1.047431 | 0.954717 | 3.7644% | 1880 |
| 1.009432 | 0.990656 | 0.9432% | 1879 | 1.000000 | 1.000000 | 2.1464% | 1878 |
| 0.978987 | 1.021464 | 2.1913% | 1877 | 0.957995 | 1.043847 | 2.2426% | 1876 |
| 0.936982 | 1.067257 | 2.2941% | 1875 | 0.915969 | 1.091740 | 2.3456% | 1874 |
| 0.894976 | 1.117348 | 2.4043% | 1873 | 0.873964 | 1.144212 | 2.4635% | 1872 |
| 0.852951 | 1.172401 | 2.5258% | 1871 | 0.831938 | 1.202013 | 5.9947% | 1870 |
| 0.784887 | 1.274070 | -1.0968% | 1869 | 0.793590 | 1.260096 | 2.1930% | 1868 |
| 0.776561 | 1.287729 | 2.2394% | 1867 | 0.759551 | 1.316567 | 2.2935% | 1866 |
| 0.742522 | 1.346762 | 2.3445% | 1865 | 0.725512 | 1.378337 | 2.4037% | 1864 |
| 0.708482 | 1.411468 | 2.4599% | 1863 | 0.691473 | 1.446188 | 2.5250% | 1862 |
| 0.674443 | 1.482705 | 2.5872% | 1861 | 0.657434 | 1.521066 | 2.9504% | 1860 |
| 0.638593 | 1.565943 | 2.4012% | 1859 | 0.623618 | 1.603545 | 2.7627% | 1858 |
| 0.606853 | 1.647847 | 2.8412% | 1857 | 0.590087 | 1.694665 | 2.9243% | 1856 |
| 0.573321 | 1.744222 | 3.0161% | 1855 | 0.556536 | 1.796830 | 3.1061% | 1854 |
| 0.539770 | 1.852641 | 3.2056% | 1853 | 0.523004 | 1.912030 | 3.3118% | 1852 |
| 0.506239 | 1.975352 | 3.4252% | 1851 | 0.489473 | 2.043013 | 4.0106% | 1850 |
| 0.470599 | 2.124950 | 2.3254% | 1849 | 0.459905 | 2.174363 | 2.7841% | 1848 |
| 0.447448 | 2.234899 | 2.8590% | 1847 | 0.435011 | 2.298795 | 2.9432% | 1846 |
| 0.422574 | 2.366452 | 3.0324% | 1845 | 0.410137 | 2.438212 | 3.1325% | 1844 |
| 0.397679 | 2.514589 | 3.2284% | 1843 | 0.385242 | 2.595769 | 3.3361% | 1842 |
| 0.372805 | 2.682366 | 3.4512% | 1841 | 0.360368 | 2.774939 | 3.8105% | 1840 |
| 0.347140 | 2.880678 | 2.3861% | 1839 | 0.339051 | 2.949413 | 2.5824% | 1838 |
| 0.330515 | 3.025578 | 2.6573% | 1837 | 0.321960 | 3.105977 | 2.7232% | 1836 |
| 0.313425 | 3.190560 | 2.7994% | 1835 | 0.304889 | 3.279877 | 2.8871% | 1834 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.296334 | 3.374571 | 2.9657% | 1833 | 0.287799 | 3.474650 | 3.0563% | 1832 |
| 0.279264 | 3.580847 | 3.1604% | 1831 | 0.270708 | 3.694017 | 3.4660% | 1830 |
| 0.261640 | 3.822050 | 2.4653% | 1829 | 0.255345 | 3.916275 | 2.6804% | 1828 |
| 0.248679 | 4.021247 | 10.3427% | 1827 | 0.225370 | 4.437151 | -4.2314% | 1826 |
| 0.235328 | 4.249396 | 2.9150% | 1825 | 0.228662 | 4.373267 | 3.0026% | 1824 |
| 0.221996 | 4.504577 | 3.0955% | 1823 | 0.215331 | 4.644017 | 3.1944% | 1822 |
| 0.208665 | 4.792365 | 3.3102% | 1821 | 0.201979 | 4.951001 | 3.2277% | 1820 |
| 0.195664 | 5.110806 | 2.6573% | 1819 | 0.190599 | 5.246615 | 2.6261% | 1818 |
| 0.185722 | 5.384397 | 2.6969% | 1817 | 0.180845 | 5.529610 | 2.7717% | 1816 |
| 0.175967 | 5.682873 | 2.8507% | 1815 | 0.171090 | 5.844875 | 2.9343% | 1814 |
| 0.166213 | 6.016383 | 3.0231% | 1813 | 0.161336 | 6.198262 | 3.1039% | 1812 |
| 0.156479 | 6.390649 | 3.2172% | 1811 | 0.151601 | 6.596247 | 3.0969% | 1810 |
| 0.147047 | 6.800527 | 2.9144% | 1809 | 0.142883 | 6.998720 | 2.8225% | 1808 |
| 0.138961 | 7.196256 | 2.9199% | 1807 | 0.135019 | 7.406382 | 2.9918% | 1806 |
| 0.131097 | 7.627965 | 3.0841% | 1805 | 0.127174 | 7.863215 | 3.1822% | 1804 |
| 0.123252 | 8.113438 | 3.2868% | 1803 | 0.119330 | 8.380109 | 3.3985% | 1802 |
| 0.115408 | 8.664906 | 3.5180% | 1801 | 0.111486 | 8.969741 | 3.3999% | 1800 |
| 0.107820 | 9.274708 | 2.8419% | 1799 | 0.104841 | 9.538283 | 2.7485% | 1798 |
| 0.102036 | 9.800438 | 2.8261% | 1797 | 0.099232 | 10.077411 | 3.7832% | 1796 |
| 0.095615 | 10.458661 | 2.1272% | 1795 | 0.093623 | 10.681137 | 3.0879% | 1794 |
| 0.090819 | 11.010964 | 3.1625% | 1793 | 0.088034 | 11.359187 | 3.2904% | 1792 |
| 0.085230 | 11.732952 | 3.4024% | 1791 | 0.082426 | 12.132150 | 3.2296% | 1790 |
| 0.079847 | 12.523965 | 41.3145% | 1780 | 0.056503 | 17.698173 | 29.4353% | 1770 |
| 0.043653 | 22.907686 | 83.4728% | 1750 | 0.023793 | 42.029382 | 29.2845% | 1740 |
| 0.018404 | 54.337456 | 94.2514% | 1720 | 0.009474 | 105.551266 | 85.8111% | 1700 |
| 0.005099 | 196.125947 | 19.2490% | 1690 | 0.004276 | 233.878327 | 88.0250% | 1670 |
| 0.002274 | 439.749777 | | | | | | |

BASE YEAR: 1878

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 6.257117 | 0.159818 | 8.2857% | 2001 | 5.778343 | 0.173060 | 1.0000% |
| 2000 | 5.721131 | 0.174791 | 1.0000% | 1999 | 5.664486 | 0.176539 | 1.0000% |
| 1998 | 5.608402 | 0.178304 | 1.0000% | 1997 | 5.552874 | 0.180087 | 1.0000% |
| 1996 | 5.497895 | 0.181888 | 1.0000% | 1995 | 5.443460 | 0.183707 | 0.9992% |
| 1994 | 5.389606 | 0.185542 | 1.0008% | 1993 | 5.336202 | 0.187399 | 1.0000% |
| 1992 | 5.283369 | 0.189273 | 0.9295% | 1991 | 5.234712 | 0.191032 | 1.2505% |
| 1990 | 5.170059 | 0.193421 | 0.7224% | 1989 | 5.132976 | 0.194819 | 1.1077% |
| 1988 | 5.076743 | 0.196977 | 0.8834% | 1987 | 5.032289 | 0.198717 | 0.5594% |
| 1986 | 5.004297 | 0.199828 | 1.3056% | 1985 | 4.939802 | 0.202437 | 0.7673% |
| 1984 | 4.902188 | 0.203991 | 0.8149% | 1983 | 4.862561 | 0.205653 | 0.9737% |
| 1982 | 4.815668 | 0.207656 | 0.9508% | 1981 | 4.770312 | 0.209630 | 0.9031% |
| 1980 | 4.727618 | 0.211523 | 2.2701% | 1979 | 4.622680 | 0.216325 | 1.0042% |
| 1978 | 4.576722 | 0.218497 | 0.9896% | 1977 | 4.531874 | 0.220659 | 0.9103% |
| 1976 | 4.490991 | 0.222668 | 0.8394% | 1975 | 4.453606 | 0.224537 | 0.9042% |
| 1974 | 4.413698 | 0.226567 | 1.1568% | 1973 | 4.363225 | 0.229188 | 0.9427% |
| 1972 | 4.322477 | 0.231349 | 0.7426% | 1971 | 4.290613 | 0.233067 | 1.4697% |
| 1970 | 4.228466 | 0.236492 | 0.6968% | 1969 | 4.199205 | 0.238140 | 0.8565% |
| 1968 | 4.163543 | 0.240180 | 1.5090% | 1967 | 4.101647 | 0.243804 | 0.9949% |
| 1966 | 4.061242 | 0.246230 | 1.0575% | 1965 | 4.018745 | 0.248834 | 1.1300% |
| 1964 | 3.973840 | 0.251646 | 1.5537% | 1963 | 3.913044 | 0.255555 | 1.4658% |
| 1962 | 3.856515 | 0.259301 | 1.5364% | 1961 | 3.798159 | 0.263285 | 2.1586% |
| 1960 | 3.717903 | 0.268969 | -1.6655% | 1959 | 3.780872 | 0.264489 | 4.3080% |
| 1958 | 3.624720 | 0.275883 | 2.1130% | 1957 | 3.549716 | 0.281713 | 1.9895% |
| 1956 | 3.480472 | 0.287317 | 2.1231% | 1955 | 3.408114 | 0.293417 | 1.4496% |
| 1954 | 3.359416 | 0.297671 | 2.1573% | 1953 | 3.288475 | 0.304092 | 1.2298% |
| 1952 | 3.248526 | 0.307832 | 1.6814% | 1951 | 3.194809 | 0.313008 | 1.6233% |
| 1950 | 3.143777 | 0.318089 | 1.4265% | 1949 | 3.099561 | 0.322626 | 1.7790% |
| 1948 | 3.045382 | 0.328366 | 1.8242% | 1947 | 2.990825 | 0.334356 | -2.6320% |
| 1946 | 3.071672 | 0.325556 | 3.1768% | 1945 | 2.977096 | 0.335898 | 6.4754% |
| 1944 | 2.796041 | 0.357649 | -0.3437% | 1943 | 2.805683 | 0.356419 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.787392 | 0.358758 | 0.6633% | 1941 | 2.769025 | 0.361138 | -5.6614% | 1940 |
| 2.935199 | 0.340692 | 8.0381% | 1939 | 2.716818 | 0.368078 | 0.8126% | 1938 |
| 2.694918 | 0.371069 | 0.7762% | 1937 | 2.674160 | 0.373949 | 0.6029% | 1936 |
| 2.658135 | 0.376204 | 0.5244% | 1935 | 2.644269 | 0.378176 | -3.0364% | 1934 |
| 2.727073 | 0.366694 | 4.6271% | 1933 | 2.606468 | 0.383661 | 1.3921% | 1932 |
| 2.570681 | 0.389002 | -0.2051% | 1931 | 2.575964 | 0.388204 | 0.8886% | 1930 |
| 2.553276 | 0.391654 | 1.0126% | 1929 | 2.527681 | 0.395620 | 1.1526% | 1928 |
| 2.498879 | 0.400179 | 1.2160% | 1927 | 2.468858 | 0.405046 | 1.4086% | 1926 |
| 2.434565 | 0.410751 | 1.7667% | 1925 | 2.392300 | 0.418008 | 1.4465% | 1924 |
| 2.358189 | 0.424054 | 1.7700% | 1923 | 2.317176 | 0.431560 | 1.6165% | 1922 |
| 2.280314 | 0.438536 | 1.3736% | 1921 | 2.249415 | 0.444560 | 2.3393% | 1920 |
| 2.197997 | 0.454960 | 1.3140% | 1919 | 2.169490 | 0.460938 | 0.7676% | 1918 |
| 2.152963 | 0.464476 | 0.3870% | 1917 | 2.144663 | 0.466274 | 1.3274% | 1916 |
| 2.116567 | 0.472463 | 1.4083% | 1915 | 2.087174 | 0.479117 | 1.4458% | 1914 |
| 2.057427 | 0.486044 | 1.9424% | 1913 | 2.018226 | 0.495485 | 1.9857% | 1912 |
| 1.978931 | 0.505323 | 1.5634% | 1911 | 1.948468 | 0.513224 | 1.8169% | 1910 |
| 1.913698 | 0.522549 | 1.8781% | 1909 | 1.878420 | 0.532362 | 2.0082% | 1908 |
| 1.841439 | 0.543053 | 1.9603% | 1907 | 1.806036 | 0.553699 | 1.8264% | 1906 |
| 1.773643 | 0.563811 | 1.9357% | 1905 | 1.739963 | 0.574725 | 2.0148% | 1904 |
| 1.705598 | 0.586304 | 2.1335% | 1903 | 1.669969 | 0.598813 | 1.8151% | 1902 |
| 1.640197 | 0.609683 | 1.8943% | 1901 | 1.609704 | 0.621232 | 3.0255% | 1900 |
| 1.562432 | 0.640028 | 0.6278% | 1899 | 1.552684 | 0.644046 | 1.7757% | 1898 |
| 1.525595 | 0.655482 | 1.8078% | 1897 | 1.498505 | 0.667332 | 1.8396% | 1896 |
| 1.471437 | 0.679608 | 1.8755% | 1895 | 1.444348 | 0.692354 | 1.9114% | 1894 |
| 1.417258 | 0.705588 | 1.9486% | 1893 | 1.390169 | 0.719337 | 1.9858% | 1892 |
| 1.363100 | 0.733622 | 2.0276% | 1891 | 1.336011 | 0.748497 | 2.6465% | 1890 |
| 1.301565 | 0.768306 | 1.5328% | 1889 | 1.281916 | 0.780083 | 2.0811% | 1888 |
| 1.255781 | 0.796317 | 2.1599% | 1887 | 1.229232 | 0.813516 | 2.2075% | 1886 |
| 1.202682 | 0.831475 | 2.2592% | 1885 | 1.176112 | 0.850259 | 2.3095% | 1884 |
| 1.149562 | 0.869897 | 2.3641% | 1883 | 1.123012 | 0.890462 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.096463 | 0.912024 | 2.4815% | 1881 | 1.069913 | 0.934655 | 3.7644% | 1880 |
| 1.031099 | 0.969839 | 0.9432% | 1879 | 1.021464 | 0.978987 | 2.1464% | 1878 |
| 1.000000 | 1.000000 | 2.1913% | 1877 | 0.978557 | 1.021913 | 2.2426% | 1876 |
| 0.957093 | 1.044831 | 2.2941% | 1875 | 0.935629 | 1.068800 | 2.3456% | 1874 |
| 0.914186 | 1.093869 | 2.4043% | 1873 | 0.892722 | 1.120169 | 2.4635% | 1872 |
| 0.871258 | 1.147765 | 2.5258% | 1871 | 0.849794 | 1.176755 | 5.9947% | 1870 |
| 0.801733 | 1.247298 | -1.0968% | 1869 | 0.810624 | 1.233618 | 2.1930% | 1868 |
| 0.793229 | 1.260670 | 2.2394% | 1867 | 0.775854 | 1.288902 | 2.2935% | 1866 |
| 0.758459 | 1.318463 | 2.3445% | 1865 | 0.741084 | 1.349374 | 2.4037% | 1864 |
| 0.723689 | 1.381809 | 2.4599% | 1863 | 0.706315 | 1.415800 | 2.5250% | 1862 |
| 0.688919 | 1.451549 | 2.5872% | 1861 | 0.671545 | 1.489104 | 2.9504% | 1860 |
| 0.652299 | 1.533039 | 2.4012% | 1859 | 0.637003 | 1.569850 | 2.7627% | 1858 |
| 0.619878 | 1.613221 | 2.8412% | 1857 | 0.602753 | 1.659056 | 2.9243% | 1856 |
| 0.585627 | 1.707571 | 3.0161% | 1855 | 0.568481 | 1.759074 | 3.1061% | 1854 |
| 0.551356 | 1.813712 | 3.2056% | 1853 | 0.534230 | 1.871853 | 3.3118% | 1852 |
| 0.517105 | 1.933844 | 3.4252% | 1851 | 0.499979 | 2.000083 | 4.0106% | 1850 |
| 0.480700 | 2.080298 | 2.3254% | 1849 | 0.469776 | 2.128673 | 2.7841% | 1848 |
| 0.457052 | 2.187937 | 2.8590% | 1847 | 0.444348 | 2.250491 | 2.9432% | 1846 |
| 0.431644 | 2.316726 | 3.0324% | 1845 | 0.418940 | 2.386978 | 3.1325% | 1844 |
| 0.406215 | 2.461751 | 3.2284% | 1843 | 0.393511 | 2.541225 | 3.3361% | 1842 |
| 0.380807 | 2.626002 | 3.4512% | 1841 | 0.368103 | 2.716630 | 3.8105% | 1840 |
| 0.354591 | 2.820147 | 2.3861% | 1839 | 0.346328 | 2.887437 | 2.5824% | 1838 |
| 0.337609 | 2.962002 | 2.6573% | 1837 | 0.328870 | 3.040712 | 2.7232% | 1836 |
| 0.320152 | 3.123517 | 2.7994% | 1835 | 0.311434 | 3.210958 | 2.8871% | 1834 |
| 0.302694 | 3.303662 | 2.9657% | 1833 | 0.293976 | 3.401638 | 3.0563% | 1832 |
| 0.285258 | 3.505603 | 3.1604% | 1831 | 0.276518 | 3.616395 | 3.4660% | 1830 |
| 0.267255 | 3.741738 | 2.4653% | 1829 | 0.260825 | 3.833983 | 2.6804% | 1828 |
| 0.254017 | 3.936749 | 10.3427% | 1827 | 0.230207 | 4.343913 | -4.2314% | 1826 |
| 0.240379 | 4.160104 | 2.9150% | 1825 | 0.233570 | 4.281372 | 3.0026% | 1824 |
| 0.226761 | 4.409923 | 3.0955% | 1823 | 0.219953 | 4.546433 | 3.1944% | 1822 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.213144 | 4.691663 | 3.3102% | 1821 | 0.206315 | 4.846966 | 3.2277% | 1820 |
| 0.199864 | 5.003414 | 2.6573% | 1819 | 0.194690 | 5.136368 | 2.6261% | 1818 |
| 0.189708 | 5.271255 | 2.6969% | 1817 | 0.184726 | 5.413417 | 2.7717% | 1816 |
| 0.179744 | 5.563460 | 2.8507% | 1815 | 0.174762 | 5.722057 | 2.9343% | 1814 |
| 0.169780 | 5.889962 | 3.0231% | 1813 | 0.164798 | 6.068019 | 3.1039% | 1812 |
| 0.159837 | 6.256364 | 3.2172% | 1811 | 0.154855 | 6.457641 | 3.0969% | 1810 |
| 0.150204 | 6.657628 | 2.9144% | 1809 | 0.145950 | 6.851657 | 2.8225% | 1808 |
| 0.141944 | 7.045042 | 2.9199% | 1807 | 0.137917 | 7.250753 | 2.9918% | 1806 |
| 0.133910 | 7.467679 | 3.0841% | 1805 | 0.129904 | 7.697987 | 3.1822% | 1804 |
| 0.125898 | 7.942951 | 3.2868% | 1803 | 0.121891 | 8.204019 | 3.3985% | 1802 |
| 0.117885 | 8.482831 | 3.5180% | 1801 | 0.113879 | 8.781261 | 3.3999% | 1800 |
| 0.110134 | 9.079820 | 2.8419% | 1799 | 0.107091 | 9.337856 | 2.7485% | 1798 |
| 0.104226 | 9.594503 | 2.8261% | 1797 | 0.101362 | 9.865656 | 3.7832% | 1796 |
| 0.097667 | 10.238895 | 2.1272% | 1795 | 0.095632 | 10.456696 | 3.0879% | 1794 |
| 0.092768 | 10.779593 | 3.1625% | 1793 | 0.089924 | 11.120499 | 3.2904% | 1792 |
| 0.087059 | 11.486409 | 3.4024% | 1791 | 0.084195 | 11.877219 | 3.2296% | 1790 |
| 0.081561 | 12.260801 | 41.3145% | 1780 | 0.057716 | 17.326284 | 29.4353% | 1770 |
| 0.044590 | 22.426330 | 83.4728% | 1750 | 0.024304 | 41.146225 | 29.2845% | 1740 |
| 0.018799 | 53.195671 | 94.2514% | 1720 | 0.009677 | 103.333333 | 85.8111% | 1700 |
| 0.005208 | 192.004783 | 19.2490% | 1690 | 0.004368 | 228.963878 | 88.0250% | |
| 1670 | 0.002323 | 430.509383 | | | | | |

BASE YEAR: 1877

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 6.394229 | 0.156391 | 8.2857% | 2001 | 5.904964 | 0.169349 | 1.0000% |
| 2000 | 5.846498 | 0.171043 | 1.0000% | 1999 | 5.788612 | 0.172753 | 1.0000% |
| 1998 | 5.731299 | 0.174481 | 1.0000% | 1997 | 5.674554 | 0.176225 | 1.0000% |
| 1996 | 5.618370 | 0.177988 | 1.0000% | 1995 | 5.562742 | 0.179767 | 0.9992% |
| 1994 | 5.507708 | 0.181564 | 1.0008% | 1993 | 5.453134 | 0.183381 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.399143 | 0.185215 | 0.9295% | 1991 | 5.349420 | 0.186936 | 1.2505% | 1990 |
| 5.283351 | 0.189274 | 0.7224% | 1989 | 5.245455 | 0.190641 | 1.1077% | 1988 |
| 5.187989 | 0.192753 | 0.8834% | 1987 | 5.142562 | 0.194456 | 0.5594% | 1986 |
| 5.113956 | 0.195543 | 1.3056% | 1985 | 5.048047 | 0.198096 | 0.7673% | 1984 |
| 5.009609 | 0.199616 | 0.8149% | 1983 | 4.969114 | 0.201243 | 0.9737% | 1982 |
| 4.921194 | 0.203203 | 0.9508% | 1981 | 4.874844 | 0.205135 | 0.9031% | 1980 |
| 4.831215 | 0.206987 | 2.2701% | 1979 | 4.723977 | 0.211686 | 1.0042% | 1978 |
| 4.677012 | 0.213812 | 0.9896% | 1977 | 4.631181 | 0.215928 | 0.9103% | 1976 |
| 4.589402 | 0.217893 | 0.8394% | 1975 | 4.551197 | 0.219722 | 0.9042% | 1974 |
| 4.510416 | 0.221709 | 1.1568% | 1973 | 4.458836 | 0.224274 | 0.9427% | 1972 |
| 4.417195 | 0.226388 | 0.7426% | 1971 | 4.384633 | 0.228069 | 1.4697% | 1970 |
| 4.321124 | 0.231421 | 0.6968% | 1969 | 4.291222 | 0.233034 | 0.8565% | 1968 |
| 4.254778 | 0.235030 | 1.5090% | 1967 | 4.191526 | 0.238577 | 0.9949% | 1966 |
| 4.150235 | 0.240950 | 1.0575% | 1965 | 4.106807 | 0.243498 | 1.1300% | 1964 |
| 4.060918 | 0.246250 | 1.5537% | 1963 | 3.998791 | 0.250076 | 1.4658% | 1962 |
| 3.941023 | 0.253741 | 1.5364% | 1961 | 3.881388 | 0.257640 | 2.1586% | 1960 |
| 3.799373 | 0.263201 | -1.6655% | 1959 | 3.863723 | 0.258818 | 4.3080% | 1958 |
| 3.704148 | 0.269968 | 2.1130% | 1957 | 3.627500 | 0.275672 | 1.9895% | 1956 |
| 3.556739 | 0.281156 | 2.1231% | 1955 | 3.482796 | 0.287126 | 1.4496% | 1954 |
| 3.433031 | 0.291288 | 2.1573% | 1953 | 3.360535 | 0.297572 | 1.2298% | 1952 |
| 3.319711 | 0.301231 | 1.6814% | 1951 | 3.264817 | 0.306296 | 1.6233% | 1950 |
| 3.212667 | 0.311268 | 1.4265% | 1949 | 3.167482 | 0.315708 | 1.7790% | 1948 |
| 3.112116 | 0.321325 | 1.8242% | 1947 | 3.056363 | 0.327186 | -2.6320% | 1946 |
| 3.138982 | 0.318575 | 3.1768% | 1945 | 3.042333 | 0.328695 | 6.4754% | 1944 |
| 2.857310 | 0.349979 | -0.3437% | 1943 | 2.867164 | 0.348777 | 0.6562% | 1942 |
| 2.848472 | 0.351065 | 0.6633% | 1941 | 2.829702 | 0.353394 | -5.6614% | 1940 |
| 2.999518 | 0.333387 | 8.0381% | 1939 | 2.776352 | 0.360185 | 0.8126% | 1938 |
| 2.753972 | 0.363112 | 0.7762% | 1937 | 2.732759 | 0.365931 | 0.6029% | 1936 |
| 2.716383 | 0.368137 | 0.5244% | 1935 | 2.702213 | 0.370067 | -3.0364% | 1934 |
| 2.786831 | 0.358831 | 4.6271% | 1933 | 2.663584 | 0.375434 | 1.3921% | 1932 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 2.627013 | 0.380661 | -0.2051% | 1931 | 2.632411 | 0.379880 | 0.8886% | 1930 |
| 2.609226 | 0.383255 | 1.0126% | 1929 | 2.583070 | 0.387136 | 1.1526% | 1928 |
| 2.553637 | 0.391598 | 1.2160% | 1927 | 2.522958 | 0.396360 | 1.4086% | 1926 |
| 2.487913 | 0.401943 | 1.7667% | 1925 | 2.444723 | 0.409044 | 1.4465% | 1924 |
| 2.409864 | 0.414961 | 1.7700% | 1923 | 2.367952 | 0.422306 | 1.6165% | 1922 |
| 2.330283 | 0.429133 | 1.3736% | 1921 | 2.298706 | 0.435027 | 2.3393% | 1920 |
| 2.246162 | 0.445204 | 1.3140% | 1919 | 2.217030 | 0.451054 | 0.7676% | 1918 |
| 2.200141 | 0.454516 | 0.3870% | 1917 | 2.191659 | 0.456275 | 1.3274% | 1916 |
| 2.162947 | 0.462332 | 1.4083% | 1915 | 2.132910 | 0.468843 | 1.4458% | 1914 |
| 2.102512 | 0.475622 | 1.9424% | 1913 | 2.062451 | 0.484860 | 1.9857% | 1912 |
| 2.022295 | 0.494488 | 1.5634% | 1911 | 1.991165 | 0.502219 | 1.8169% | 1910 |
| 1.955633 | 0.511343 | 1.8781% | 1909 | 1.919582 | 0.520947 | 2.0082% | 1908 |
| 1.881791 | 0.531409 | 1.9603% | 1907 | 1.845612 | 0.541826 | 1.8264% | 1906 |
| 1.812509 | 0.551721 | 1.9357% | 1905 | 1.778091 | 0.562401 | 2.0148% | 1904 |
| 1.742973 | 0.573732 | 2.1335% | 1903 | 1.706563 | 0.585973 | 1.8151% | 1902 |
| 1.676139 | 0.596609 | 1.8943% | 1901 | 1.644977 | 0.607911 | 3.0255% | 1900 |
| 1.596670 | 0.626304 | 0.6278% | 1899 | 1.586708 | 0.630236 | 1.7757% | 1898 |
| 1.559025 | 0.641427 | 1.8078% | 1897 | 1.531342 | 0.653022 | 1.8396% | 1896 |
| 1.503680 | 0.665035 | 1.8755% | 1895 | 1.475998 | 0.677508 | 1.9114% | 1894 |
| 1.448315 | 0.690458 | 1.9486% | 1893 | 1.420632 | 0.703912 | 1.9858% | 1892 |
| 1.392970 | 0.717891 | 2.0276% | 1891 | 1.365287 | 0.732447 | 2.6465% | 1890 |
| 1.330086 | 0.751831 | 1.5328% | 1889 | 1.310006 | 0.763355 | 2.0811% | 1888 |
| 1.283299 | 0.779242 | 2.1599% | 1887 | 1.256168 | 0.796072 | 2.2075% | 1886 |
| 1.229036 | 0.813646 | 2.2592% | 1885 | 1.201884 | 0.832027 | 2.3095% | 1884 |
| 1.174752 | 0.851243 | 2.3641% | 1883 | 1.147621 | 0.871368 | 2.4214% | 1882 |
| 1.120490 | 0.892467 | 2.4815% | 1881 | 1.093358 | 0.914613 | 3.7644% | 1880 |
| 1.053693 | 0.949043 | 0.9432% | 1879 | 1.043847 | 0.957995 | 2.1464% | 1878 |
| 1.021913 | 0.978557 | 2.1913% | 1877 | 1.000000 | 1.000000 | 2.2426% | 1876 |
| 0.978066 | 1.022426 | 2.2941% | 1875 | 0.956132 | 1.045881 | 2.3456% | 1874 |
| 0.934219 | 1.070413 | 2.4043% | 1873 | 0.912284 | 1.096149 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.890350 | 1.123154 | 2.5258% | 1871 | 0.868416 | 1.151522 | 5.9947% | 1870 |
| 0.819302 | 1.220552 | -1.0968% | 1869 | 0.828387 | 1.207165 | 2.1930% | 1868 |
| 0.810611 | 1.233638 | 2.2394% | 1867 | 0.792855 | 1.261264 | 2.2935% | 1866 |
| 0.775079 | 1.290191 | 2.3445% | 1865 | 0.757324 | 1.320439 | 2.4037% | 1864 |
| 0.739547 | 1.352179 | 2.4599% | 1863 | 0.721792 | 1.385441 | 2.5250% | 1862 |
| 0.704016 | 1.420423 | 2.5872% | 1861 | 0.686260 | 1.457173 | 2.9504% | 1860 |
| 0.666593 | 1.500165 | 2.4012% | 1859 | 0.650962 | 1.536188 | 2.7627% | 1858 |
| 0.633461 | 1.578628 | 2.8412% | 1857 | 0.615961 | 1.623480 | 2.9243% | 1856 |
| 0.598460 | 1.670956 | 3.0161% | 1855 | 0.580938 | 1.721354 | 3.1061% | 1854 |
| 0.563437 | 1.774820 | 3.2056% | 1853 | 0.545937 | 1.831714 | 3.3118% | 1852 |
| 0.528436 | 1.892377 | 3.4252% | 1851 | 0.510935 | 1.957195 | 4.0106% | 1850 |
| 0.491234 | 2.035690 | 2.3254% | 1849 | 0.480070 | 2.083028 | 2.7841% | 1848 |
| 0.467067 | 2.141021 | 2.8590% | 1847 | 0.454085 | 2.202233 | 2.9432% | 1846 |
| 0.441102 | 2.267048 | 3.0324% | 1845 | 0.428120 | 2.335794 | 3.1325% | 1844 |
| 0.415116 | 2.408963 | 3.2284% | 1843 | 0.402134 | 2.486733 | 3.3361% | 1842 |
| 0.389152 | 2.569692 | 3.4512% | 1841 | 0.376169 | 2.658377 | 3.8105% | 1840 |
| 0.362362 | 2.759674 | 2.3861% | 1839 | 0.353917 | 2.825521 | 2.5824% | 1838 |
| 0.345008 | 2.898487 | 2.6573% | 1837 | 0.336077 | 2.975510 | 2.7232% | 1836 |
| 0.327167 | 3.056539 | 2.7994% | 1835 | 0.318258 | 3.142105 | 2.8871% | 1834 |
| 0.309327 | 3.232821 | 2.9657% | 1833 | 0.300418 | 3.328697 | 3.0563% | 1832 |
| 0.291508 | 3.430432 | 3.1604% | 1831 | 0.282578 | 3.538848 | 3.4660% | 1830 |
| 0.273112 | 3.661504 | 2.4653% | 1829 | 0.266541 | 3.751771 | 2.6804% | 1828 |
| 0.259583 | 3.852333 | 10.3427% | 1827 | 0.235252 | 4.250766 | -4.2314% | 1826 |
| 0.245646 | 4.070898 | 2.9150% | 1825 | 0.238688 | 4.189566 | 3.0026% | 1824 |
| 0.231730 | 4.315361 | 3.0955% | 1823 | 0.224772 | 4.448943 | 3.1944% | 1822 |
| 0.217815 | 4.591060 | 3.3102% | 1821 | 0.210836 | 4.743032 | 3.2277% | 1820 |
| 0.204243 | 4.896125 | 2.6573% | 1819 | 0.198956 | 5.026229 | 2.6261% | 1818 |
| 0.193865 | 5.158223 | 2.6969% | 1817 | 0.188774 | 5.297337 | 2.7717% | 1816 |
| 0.183683 | 5.444162 | 2.8507% | 1815 | 0.178592 | 5.599359 | 2.9343% | 1814 |
| 0.173501 | 5.763663 | 3.0231% | 1813 | 0.168410 | 5.937901 | 3.1039% | 1812 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.163340 | 6.122208 | 3.2172% | 1811 | 0.158249 | 6.319169 | 3.0969% | 1810 |
| 0.153495 | 6.514868 | 2.9144% | 1809 | 0.149148 | 6.704736 | 2.8225% | 1808 |
| 0.145054 | 6.893975 | 2.9199% | 1807 | 0.140939 | 7.095274 | 2.9918% | 1806 |
| 0.136845 | 7.307549 | 3.0841% | 1805 | 0.132751 | 7.532918 | 3.1822% | 1804 |
| 0.128657 | 7.772630 | 3.2868% | 1803 | 0.124562 | 8.028099 | 3.3985% | 1802 |
| 0.120468 | 8.300933 | 3.5180% | 1801 | 0.116374 | 8.592964 | 3.3999% | 1800 |
| 0.112548 | 8.885120 | 2.8419% | 1799 | 0.109438 | 9.137624 | 2.7485% | 1798 |
| 0.106510 | 9.388767 | 2.8261% | 1797 | 0.103583 | 9.654106 | 3.7832% | 1796 |
| 0.099807 | 10.019341 | 2.1272% | 1795 | 0.097728 | 10.232472 | 3.0879% | 1794 |
| 0.094801 | 10.548445 | 3.1625% | 1793 | 0.091895 | 10.882041 | 3.2904% | 1792 |
| 0.088967 | 11.240105 | 3.4024% | 1791 | 0.086040 | 11.622535 | 3.2296% | 1790 |
| 0.083348 | 11.997892 | 41.3145% | 1780 | 0.058981 | 16.954755 | 29.4353% | 1770 |
| 0.045568 | 21.945440 | 83.4728% | 1750 | 0.024836 | 40.263922 | 29.2845% | 1740 |
| 0.019210 | 52.054991 | 94.2514% | 1720 | 0.009889 | 101.117546 | 85.8111% | 1700 |
| 0.005322 | 187.887605 | 19.2490% | 1690 | 0.004463 | 224.054183 | 88.0250% | |
| 1670 | 0.002374 | 421.277927 | | | | | |

BASE YEAR: 1876

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 6.537627 | 0.152961 | 8.2857% | 2001 | 6.037389 | 0.165635 | 1.0000% |
| 2000 | 5.977612 | 0.167291 | 1.0000% | 1999 | 5.918428 | 0.168964 | 1.0000% |
| 1998 | 5.859830 | 0.170653 | 1.0000% | 1997 | 5.801812 | 0.172360 | 1.0000% |
| 1996 | 5.744368 | 0.174084 | 1.0000% | 1995 | 5.687493 | 0.175824 | 0.9992% |
| 1994 | 5.631225 | 0.177581 | 1.0008% | 1993 | 5.575427 | 0.179358 | 1.0000% |
| 1992 | 5.520225 | 0.181152 | 0.9295% | 1991 | 5.469386 | 0.182836 | 1.2505% |
| 1990 | 5.401836 | 0.185122 | 0.7224% | 1989 | 5.363090 | 0.186460 | 1.1077% |
| 1988 | 5.304336 | 0.188525 | 0.8834% | 1987 | 5.257889 | 0.190190 | 0.5594% |
| 1986 | 5.228642 | 0.191254 | 1.3056% | 1985 | 5.161255 | 0.193751 | 0.7673% |
| 1984 | 5.121955 | 0.195238 | 0.8149% | 1983 | 5.080552 | 0.196829 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.031557 | 0.198746 | 0.9508% | 1981 | 4.984167 | 0.200635 | 0.9031% | 1980 |
| 4.939560 | 0.202447 | 2.2701% | 1979 | 4.829917 | 0.207043 | 1.0042% | 1978 |
| 4.781899 | 0.209122 | 0.9896% | 1977 | 4.735040 | 0.211191 | 0.9103% | 1976 |
| 4.692324 | 0.213114 | 0.8394% | 1975 | 4.653263 | 0.214903 | 0.9042% | 1974 |
| 4.611567 | 0.216846 | 1.1568% | 1973 | 4.558831 | 0.219355 | 0.9427% | 1972 |
| 4.516256 | 0.221422 | 0.7426% | 1971 | 4.482964 | 0.223067 | 1.4697% | 1970 |
| 4.418030 | 0.226345 | 0.6968% | 1969 | 4.387457 | 0.227922 | 0.8565% | 1968 |
| 4.350196 | 0.229875 | 1.5090% | 1967 | 4.285526 | 0.233344 | 0.9949% | 1966 |
| 4.243309 | 0.235665 | 1.0575% | 1965 | 4.198907 | 0.238157 | 1.1300% | 1964 |
| 4.151989 | 0.240848 | 1.5537% | 1963 | 4.088468 | 0.244590 | 1.4658% | 1962 |
| 4.029404 | 0.248176 | 1.5364% | 1961 | 3.968432 | 0.251989 | 2.1586% | 1960 |
| 3.884578 | 0.257428 | -1.6655% | 1959 | 3.950371 | 0.253141 | 4.3080% | 1958 |
| 3.787218 | 0.264046 | 2.1130% | 1957 | 3.708851 | 0.269625 | 1.9895% | 1956 |
| 3.636503 | 0.274989 | 2.1231% | 1955 | 3.560902 | 0.280828 | 1.4496% | 1954 |
| 3.510020 | 0.284899 | 2.1573% | 1953 | 3.435899 | 0.291045 | 1.2298% | 1952 |
| 3.394159 | 0.294624 | 1.6814% | 1951 | 3.338034 | 0.299578 | 1.6233% | 1950 |
| 3.284714 | 0.304440 | 1.4265% | 1949 | 3.238516 | 0.308783 | 1.7790% | 1948 |
| 3.181908 | 0.314277 | 1.8242% | 1947 | 3.124905 | 0.320010 | -2.6320% | 1946 |
| 3.209377 | 0.311587 | 3.1768% | 1945 | 3.110561 | 0.321485 | 6.4754% | 1944 |
| 2.921389 | 0.342303 | -0.3437% | 1943 | 2.931463 | 0.341127 | 0.6562% | 1942 |
| 2.912352 | 0.343365 | 0.6633% | 1941 | 2.893162 | 0.345643 | -5.6614% | 1940 |
| 3.066785 | 0.326074 | 8.0381% | 1939 | 2.838615 | 0.352285 | 0.8126% | 1938 |
| 2.815733 | 0.355147 | 0.7762% | 1937 | 2.794044 | 0.357904 | 0.6029% | 1936 |
| 2.777301 | 0.360062 | 0.5244% | 1935 | 2.762813 | 0.361950 | -3.0364% | 1934 |
| 2.849329 | 0.350960 | 4.6271% | 1933 | 2.723318 | 0.367199 | 1.3921% | 1932 |
| 2.685926 | 0.372311 | -0.2051% | 1931 | 2.691446 | 0.371547 | 0.8886% | 1930 |
| 2.667740 | 0.374849 | 1.0126% | 1929 | 2.640998 | 0.378645 | 1.1526% | 1928 |
| 2.610905 | 0.383009 | 1.2160% | 1927 | 2.579538 | 0.387666 | 1.4086% | 1926 |
| 2.543708 | 0.393127 | 1.7667% | 1925 | 2.499548 | 0.400072 | 1.4465% | 1924 |
| 2.463908 | 0.405859 | 1.7700% | 1923 | 2.421056 | 0.413043 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 2.382542 | 0.419720 | 1.3736% | 1921 | 2.350257 | 0.425485 | 2.3393% | 1920 |
| 2.296534 | 0.435439 | 1.3140% | 1919 | 2.266749 | 0.441160 | 0.7676% | 1918 |
| 2.249481 | 0.444547 | 0.3870% | 1917 | 2.240809 | 0.446267 | 1.3274% | 1916 |
| 2.211454 | 0.452191 | 1.4083% | 1915 | 2.180743 | 0.458559 | 1.4458% | 1914 |
| 2.149663 | 0.465189 | 1.9424% | 1913 | 2.108704 | 0.474225 | 1.9857% | 1912 |
| 2.067647 | 0.483642 | 1.5634% | 1911 | 2.035819 | 0.491203 | 1.8169% | 1910 |
| 1.999490 | 0.500128 | 1.8781% | 1909 | 1.962630 | 0.509520 | 2.0082% | 1908 |
| 1.923992 | 0.519753 | 1.9603% | 1907 | 1.887002 | 0.529941 | 1.8264% | 1906 |
| 1.853157 | 0.539620 | 1.9357% | 1905 | 1.817967 | 0.550065 | 2.0148% | 1904 |
| 1.782061 | 0.561148 | 2.1335% | 1903 | 1.744835 | 0.573120 | 1.8151% | 1902 |
| 1.713728 | 0.583523 | 1.8943% | 1901 | 1.681868 | 0.594577 | 3.0255% | 1900 |
| 1.632477 | 0.612566 | 0.6278% | 1899 | 1.622292 | 0.616412 | 1.7757% | 1898 |
| 1.593988 | 0.627357 | 1.8078% | 1897 | 1.565684 | 0.638698 | 1.8396% | 1896 |
| 1.537402 | 0.650448 | 1.8755% | 1895 | 1.509098 | 0.662647 | 1.9114% | 1894 |
| 1.480795 | 0.675313 | 1.9486% | 1893 | 1.452491 | 0.688472 | 1.9858% | 1892 |
| 1.424209 | 0.702144 | 2.0276% | 1891 | 1.395905 | 0.716381 | 2.6465% | 1890 |
| 1.359915 | 0.735340 | 1.5328% | 1889 | 1.339384 | 0.746612 | 2.0811% | 1888 |
| 1.312078 | 0.762150 | 2.1599% | 1887 | 1.284339 | 0.778611 | 2.2075% | 1886 |
| 1.256599 | 0.795799 | 2.2592% | 1885 | 1.228837 | 0.813777 | 2.3095% | 1884 |
| 1.201097 | 0.832572 | 2.3641% | 1883 | 1.173358 | 0.852255 | 2.4214% | 1882 |
| 1.145618 | 0.872891 | 2.4815% | 1881 | 1.117878 | 0.894552 | 3.7644% | 1880 |
| 1.077323 | 0.928226 | 0.9432% | 1879 | 1.067257 | 0.936982 | 2.1464% | 1878 |
| 1.044831 | 0.957093 | 2.1913% | 1877 | 1.022426 | 0.978066 | 2.2426% | 1876 |
| 1.000000 | 1.000000 | 2.2941% | 1875 | 0.977574 | 1.022941 | 2.3456% | 1874 |
| 0.955169 | 1.046935 | 2.4043% | 1873 | 0.932743 | 1.072106 | 2.4635% | 1872 |
| 0.910317 | 1.098518 | 2.5258% | 1871 | 0.887891 | 1.126264 | 5.9947% | 1870 |
| 0.837675 | 1.193780 | -1.0968% | 1869 | 0.846965 | 1.180687 | 2.1930% | 1868 |
| 0.828790 | 1.206579 | 2.2394% | 1867 | 0.810636 | 1.233599 | 2.2935% | 1866 |
| 0.792461 | 1.261892 | 2.3445% | 1865 | 0.774308 | 1.291476 | 2.4037% | 1864 |
| 0.756132 | 1.322520 | 2.4599% | 1863 | 0.737979 | 1.355052 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.719804 | 1.389267 | 2.5872% | 1861 | 0.701651 | 1.425211 | 2.9504% | 1860 |
| 0.681542 | 1.467260 | 2.4012% | 1859 | 0.665561 | 1.502493 | 2.7627% | 1858 |
| 0.647667 | 1.544002 | 2.8412% | 1857 | 0.629774 | 1.587871 | 2.9243% | 1856 |
| 0.611881 | 1.634305 | 3.0161% | 1855 | 0.593966 | 1.683597 | 3.1061% | 1854 |
| 0.576073 | 1.735891 | 3.2056% | 1853 | 0.558180 | 1.791537 | 3.3118% | 1852 |
| 0.540287 | 1.850869 | 3.4252% | 1851 | 0.522394 | 1.914266 | 4.0106% | 1850 |
| 0.502250 | 1.991039 | 2.3254% | 1849 | 0.490837 | 2.037338 | 2.7841% | 1848 |
| 0.477541 | 2.094059 | 2.8590% | 1847 | 0.464268 | 2.153929 | 2.9432% | 1846 |
| 0.450994 | 2.217322 | 3.0324% | 1845 | 0.437721 | 2.284560 | 3.1325% | 1844 |
| 0.424426 | 2.356124 | 3.2284% | 1843 | 0.411152 | 2.432189 | 3.3361% | 1842 |
| 0.397879 | 2.513328 | 3.4512% | 1841 | 0.384605 | 2.600068 | 3.8105% | 1840 |
| 0.370488 | 2.699143 | 2.3861% | 1839 | 0.361854 | 2.763546 | 2.5824% | 1838 |
| 0.352745 | 2.834911 | 2.6573% | 1837 | 0.343614 | 2.910244 | 2.7232% | 1836 |
| 0.334505 | 2.989496 | 2.7994% | 1835 | 0.325395 | 3.073185 | 2.8871% | 1834 |
| 0.316264 | 3.161912 | 2.9657% | 1833 | 0.307155 | 3.255684 | 3.0563% | 1832 |
| 0.298046 | 3.355188 | 3.1604% | 1831 | 0.288915 | 3.461227 | 3.4660% | 1830 |
| 0.279237 | 3.581192 | 2.4653% | 1829 | 0.272518 | 3.669479 | 2.6804% | 1828 |
| 0.265404 | 3.767835 | 10.3427% | 1827 | 0.240527 | 4.157529 | -4.2314% | 1826 |
| 0.251155 | 3.981606 | 2.9150% | 1825 | 0.244041 | 4.097672 | 3.0026% | 1824 |
| 0.236927 | 4.220707 | 3.0955% | 1823 | 0.229813 | 4.351359 | 3.1944% | 1822 |
| 0.222699 | 4.490358 | 3.3102% | 1821 | 0.215564 | 4.638998 | 3.2277% | 1820 |
| 0.208824 | 4.788733 | 2.6573% | 1819 | 0.203418 | 4.915983 | 2.6261% | 1818 |
| 0.198213 | 5.045082 | 2.6969% | 1817 | 0.193008 | 5.181144 | 2.7717% | 1816 |
| 0.187802 | 5.324749 | 2.8507% | 1815 | 0.182597 | 5.476541 | 2.9343% | 1814 |
| 0.177392 | 5.637242 | 3.0231% | 1813 | 0.172186 | 5.807658 | 3.1039% | 1812 |
| 0.167003 | 5.987922 | 3.2172% | 1811 | 0.161798 | 6.180563 | 3.0969% | 1810 |
| 0.156937 | 6.371970 | 2.9144% | 1809 | 0.152493 | 6.557673 | 2.8225% | 1808 |
| 0.148307 | 6.742761 | 2.9199% | 1807 | 0.144100 | 6.939645 | 2.9918% | 1806 |
| 0.139914 | 7.147264 | 3.0841% | 1805 | 0.135728 | 7.367689 | 3.1822% | 1804 |
| 0.131542 | 7.602143 | 3.2868% | 1803 | 0.127356 | 7.852010 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.123170 | 8.118859 | 3.5180% | 1801 | 0.118984 | 8.404484 | 3.3999% | 1800 |
| 0.115072 | 8.690232 | 2.8419% | 1799 | 0.111892 | 8.937197 | 2.7485% | 1798 |
| 0.108899 | 9.182832 | 2.8261% | 1797 | 0.105906 | 9.442351 | 3.7832% | 1796 |
| 0.102045 | 9.799575 | 2.1272% | 1795 | 0.099920 | 10.008031 | 3.0879% | 1794 |
| 0.096927 | 10.317073 | 3.1625% | 1793 | 0.093955 | 10.643352 | 3.2904% | 1792 |
| 0.090962 | 10.993562 | 3.4024% | 1791 | 0.087969 | 11.367604 | 3.2296% | 1790 |
| 0.085217 | 11.734728 | 41.3145% | 1780 | 0.060303 | 16.582866 | 29.4353% | 1770 |
| 0.046589 | 21.464085 | 83.4728% | 1750 | 0.025393 | 39.380765 | 29.2845% | 1740 |
| 0.019641 | 50.913207 | 94.2514% | 1720 | 0.010111 | 98.899614 | 85.8111% | 1700 |
| 0.005442 | 183.766441 | 19.2490% | 1690 | 0.004563 | 219.139734 | 88.0250% | 1670 |
| 0.002427 | 412.037534 | | | | | | |

BASE YEAR: 1875

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 6.687603 | 0.149530 | 8.2857% | 2001 | 6.175890 | 0.161920 | 1.0000% |
| 2000 | 6.114742 | 0.163539 | 1.0000% | 1999 | 6.054200 | 0.165175 | 1.0000% |
| 1998 | 5.994258 | 0.166826 | 1.0000% | 1997 | 5.934908 | 0.168495 | 1.0000% |
| 1996 | 5.876147 | 0.170180 | 1.0000% | 1995 | 5.817967 | 0.171881 | 0.9992% |
| 1994 | 5.760408 | 0.173599 | 1.0008% | 1993 | 5.703330 | 0.175336 | 1.0000% |
| 1992 | 5.646862 | 0.177090 | 0.9295% | 1991 | 5.594857 | 0.178736 | 1.2505% |
| 1990 | 5.525757 | 0.180971 | 0.7224% | 1989 | 5.486123 | 0.182278 | 1.1077% |
| 1988 | 5.426020 | 0.184297 | 0.8834% | 1987 | 5.378508 | 0.185925 | 0.5594% |
| 1986 | 5.348590 | 0.186965 | 1.3056% | 1985 | 5.279657 | 0.189406 | 0.7673% |
| 1984 | 5.239456 | 0.190860 | 0.8149% | 1983 | 5.197102 | 0.192415 | 0.9737% |
| 1982 | 5.146984 | 0.194289 | 0.9508% | 1981 | 5.098507 | 0.196136 | 0.9031% |
| 1980 | 5.052876 | 0.197907 | 2.2701% | 1979 | 4.940718 | 0.202400 | 1.0042% |
| 1978 | 4.891598 | 0.204432 | 0.9896% | 1977 | 4.843665 | 0.206455 | 0.9103% |
| 1976 | 4.799969 | 0.208335 | 0.8394% | 1975 | 4.760012 | 0.210084 | 0.9042% |
| 1974 | 4.717359 | 0.211983 | 1.1568% | 1973 | 4.663413 | 0.214435 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.619861 | 0.216457 | 0.7426% | 1971 | 4.585805 | 0.218064 | 1.4697% | 1970 |
| 4.519382 | 0.221269 | 0.6968% | 1969 | 4.488108 | 0.222811 | 0.8565% | 1968 |
| 4.449992 | 0.224719 | 1.5090% | 1967 | 4.383838 | 0.228111 | 0.9949% | 1966 |
| 4.340653 | 0.230380 | 1.0575% | 1965 | 4.295232 | 0.232816 | 1.1300% | 1964 |
| 4.247238 | 0.235447 | 1.5537% | 1963 | 4.182260 | 0.239105 | 1.4658% | 1962 |
| 4.121841 | 0.242610 | 1.5364% | 1961 | 4.059470 | 0.246338 | 2.1586% | 1960 |
| 3.973692 | 0.251655 | -1.6655% | 1959 | 4.040995 | 0.247464 | 4.3080% | 1958 |
| 3.874099 | 0.258125 | 2.1130% | 1957 | 3.793934 | 0.263579 | 1.9895% | 1956 |
| 3.719927 | 0.268823 | 2.1231% | 1955 | 3.642591 | 0.274530 | 1.4496% | 1954 |
| 3.590542 | 0.278509 | 2.1573% | 1953 | 3.514721 | 0.284518 | 1.2298% | 1952 |
| 3.472023 | 0.288017 | 1.6814% | 1951 | 3.414611 | 0.292859 | 1.6233% | 1950 |
| 3.360068 | 0.297613 | 1.4265% | 1949 | 3.312809 | 0.301859 | 1.7790% | 1948 |
| 3.254903 | 0.307229 | 1.8242% | 1947 | 3.196592 | 0.312833 | -2.6320% | 1946 |
| 3.283002 | 0.304599 | 3.1768% | 1945 | 3.181919 | 0.314276 | 6.4754% | 1944 |
| 2.988407 | 0.334626 | -0.3437% | 1943 | 2.998713 | 0.333476 | 0.6562% | 1942 |
| 2.979163 | 0.335665 | 0.6633% | 1941 | 2.959532 | 0.337891 | -5.6614% | 1940 |
| 3.137139 | 0.318762 | 8.0381% | 1939 | 2.903734 | 0.344384 | 0.8126% | 1938 |
| 2.880327 | 0.347183 | 0.7762% | 1937 | 2.858141 | 0.349878 | 0.6029% | 1936 |
| 2.841013 | 0.351987 | 0.5244% | 1935 | 2.826193 | 0.353833 | -3.0364% | 1934 |
| 2.914694 | 0.343089 | 4.6271% | 1933 | 2.785792 | 0.358964 | 1.3921% | 1932 |
| 2.747543 | 0.363962 | -0.2051% | 1931 | 2.753189 | 0.363215 | 0.8886% | 1930 |
| 2.728940 | 0.366443 | 1.0126% | 1929 | 2.701584 | 0.370153 | 1.1526% | 1928 |
| 2.670801 | 0.374420 | 1.2160% | 1927 | 2.638714 | 0.378973 | 1.4086% | 1926 |
| 2.602062 | 0.384311 | 1.7667% | 1925 | 2.556889 | 0.391100 | 1.4465% | 1924 |
| 2.520431 | 0.396757 | 1.7700% | 1923 | 2.476596 | 0.403780 | 1.6165% | 1922 |
| 2.437199 | 0.410307 | 1.3736% | 1921 | 2.404174 | 0.415943 | 2.3393% | 1920 |
| 2.349218 | 0.425674 | 1.3140% | 1919 | 2.318750 | 0.431267 | 0.7676% | 1918 |
| 2.301085 | 0.434578 | 0.3870% | 1917 | 2.292215 | 0.436259 | 1.3274% | 1916 |
| 2.262186 | 0.442050 | 1.4083% | 1915 | 2.230770 | 0.448276 | 1.4458% | 1914 |
| 2.198977 | 0.454757 | 1.9424% | 1913 | 2.157079 | 0.463590 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.115080 | 0.472795 | 1.5634% | 1911 | 2.082522 | 0.480187 | 1.8169% | 1910 |
| 2.045359 | 0.488912 | 1.8781% | 1909 | 2.007654 | 0.498094 | 2.0082% | 1908 |
| 1.968129 | 0.508097 | 1.9603% | 1907 | 1.930291 | 0.518057 | 1.8264% | 1906 |
| 1.895669 | 0.527518 | 1.9357% | 1905 | 1.859672 | 0.537729 | 2.0148% | 1904 |
| 1.822943 | 0.548564 | 2.1335% | 1903 | 1.784862 | 0.560267 | 1.8151% | 1902 |
| 1.753042 | 0.570437 | 1.8943% | 1901 | 1.720451 | 0.581243 | 3.0255% | 1900 |
| 1.669927 | 0.598829 | 0.6278% | 1899 | 1.659508 | 0.602588 | 1.7757% | 1898 |
| 1.630555 | 0.613288 | 1.8078% | 1897 | 1.601602 | 0.624375 | 1.8396% | 1896 |
| 1.572671 | 0.635861 | 1.8755% | 1895 | 1.543718 | 0.647787 | 1.9114% | 1894 |
| 1.514765 | 0.660168 | 1.9486% | 1893 | 1.485812 | 0.673033 | 1.9858% | 1892 |
| 1.456881 | 0.686398 | 2.0276% | 1891 | 1.427928 | 0.700315 | 2.6465% | 1890 |
| 1.391112 | 0.718849 | 1.5328% | 1889 | 1.370111 | 0.729868 | 2.0811% | 1888 |
| 1.342178 | 0.745058 | 2.1599% | 1887 | 1.313802 | 0.761150 | 2.2075% | 1886 |
| 1.285426 | 0.777952 | 2.2592% | 1885 | 1.257027 | 0.795528 | 2.3095% | 1884 |
| 1.228651 | 0.813901 | 2.3641% | 1883 | 1.200275 | 0.833142 | 2.4214% | 1882 |
| 1.171899 | 0.853316 | 2.4815% | 1881 | 1.143523 | 0.874491 | 3.7644% | 1880 |
| 1.102038 | 0.907410 | 0.9432% | 1879 | 1.091740 | 0.915969 | 2.1464% | 1878 |
| 1.068800 | 0.935629 | 2.1913% | 1877 | 1.045881 | 0.956132 | 2.2426% | 1876 |
| 1.022941 | 0.977574 | 2.2941% | 1875 | 1.000000 | 1.000000 | 2.3456% | 1874 |
| 0.977082 | 1.023456 | 2.4043% | 1873 | 0.954141 | 1.048063 | 2.4635% | 1872 |
| 0.931200 | 1.073883 | 2.5258% | 1871 | 0.908260 | 1.101006 | 5.9947% | 1870 |
| 0.856892 | 1.167008 | -1.0968% | 1869 | 0.866395 | 1.154209 | 2.1930% | 1868 |
| 0.847802 | 1.179520 | 2.2394% | 1867 | 0.829233 | 1.205934 | 2.2935% | 1866 |
| 0.810641 | 1.233592 | 2.3445% | 1865 | 0.792071 | 1.262514 | 2.4037% | 1864 |
| 0.773479 | 1.292861 | 2.4599% | 1863 | 0.754909 | 1.324663 | 2.5250% | 1862 |
| 0.736317 | 1.358111 | 2.5872% | 1861 | 0.717747 | 1.393249 | 2.9504% | 1860 |
| 0.697177 | 1.434356 | 2.4012% | 1859 | 0.680829 | 1.468798 | 2.7627% | 1858 |
| 0.662525 | 1.509376 | 2.8412% | 1857 | 0.644222 | 1.552261 | 2.9243% | 1856 |
| 0.625918 | 1.597653 | 3.0161% | 1855 | 0.607592 | 1.645841 | 3.1061% | 1854 |
| 0.589288 | 1.696962 | 3.2056% | 1853 | 0.570985 | 1.751360 | 3.3118% | 1852 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.552681 | 1.809361 | 3.4252% | 1851 | 0.534378 | 1.871336 | 4.0106% | 1850 |
| 0.513772 | 1.946388 | 2.3254% | 1849 | 0.502097 | 1.991649 | 2.7841% | 1848 |
| 0.488496 | 2.047098 | 2.8590% | 1847 | 0.474918 | 2.105625 | 2.9432% | 1846 |
| 0.461340 | 2.167596 | 3.0324% | 1845 | 0.447763 | 2.233327 | 3.1325% | 1844 |
| 0.434162 | 2.303286 | 3.2284% | 1843 | 0.420584 | 2.377644 | 3.3361% | 1842 |
| 0.407006 | 2.456964 | 3.4512% | 1841 | 0.393428 | 2.541758 | 3.8105% | 1840 |
| 0.378987 | 2.638612 | 2.3861% | 1839 | 0.370155 | 2.701570 | 2.5824% | 1838 |
| 0.360837 | 2.771335 | 2.6573% | 1837 | 0.351496 | 2.844979 | 2.7232% | 1836 |
| 0.342178 | 2.922453 | 2.7994% | 1835 | 0.332860 | 3.004266 | 2.8871% | 1834 |
| 0.323520 | 3.091003 | 2.9657% | 1833 | 0.314201 | 3.182672 | 3.0563% | 1832 |
| 0.304883 | 3.279945 | 3.1604% | 1831 | 0.295543 | 3.383605 | 3.4660% | 1830 |
| 0.285643 | 3.500879 | 2.4653% | 1829 | 0.278770 | 3.587187 | 2.6804% | 1828 |
| 0.271493 | 3.683337 | 10.3427% | 1827 | 0.246045 | 4.064292 | -4.2314% | 1826 |
| 0.256917 | 3.892314 | 2.9150% | 1825 | 0.249639 | 4.005777 | 3.0026% | 1824 |
| 0.242362 | 4.126053 | 3.0955% | 1823 | 0.235085 | 4.253775 | 3.1944% | 1822 |
| 0.227808 | 4.389657 | 3.3102% | 1821 | 0.220509 | 4.534963 | 3.2277% | 1820 |
| 0.213614 | 4.681340 | 2.6573% | 1819 | 0.208085 | 4.805736 | 2.6261% | 1818 |
| 0.202760 | 4.931940 | 2.6969% | 1817 | 0.197435 | 5.064951 | 2.7717% | 1816 |
| 0.192111 | 5.205335 | 2.8507% | 1815 | 0.186786 | 5.353724 | 2.9343% | 1814 |
| 0.181461 | 5.510820 | 3.0231% | 1813 | 0.176136 | 5.677415 | 3.1039% | 1812 |
| 0.170834 | 5.853636 | 3.2172% | 1811 | 0.165509 | 6.041957 | 3.0969% | 1810 |
| 0.160538 | 6.229071 | 2.9144% | 1809 | 0.155991 | 6.410610 | 2.8225% | 1808 |
| 0.151709 | 6.591547 | 2.9199% | 1807 | 0.147405 | 6.784016 | 2.9918% | 1806 |
| 0.143123 | 6.986979 | 3.0841% | 1805 | 0.138841 | 7.202461 | 3.1822% | 1804 |
| 0.134559 | 7.431657 | 3.2868% | 1803 | 0.130278 | 7.675920 | 3.3985% | 1802 |
| 0.125996 | 7.936785 | 3.5180% | 1801 | 0.121714 | 8.216004 | 3.3999% | 1800 |
| 0.117712 | 8.495344 | 2.8419% | 1799 | 0.114459 | 8.736771 | 2.7485% | 1798 |
| 0.111397 | 8.976897 | 2.8261% | 1797 | 0.108335 | 9.230596 | 3.7832% | 1796 |
| 0.104386 | 9.579809 | 2.1272% | 1795 | 0.102212 | 9.783590 | 3.0879% | 1794 |
| 0.099150 | 10.085701 | 3.1625% | 1793 | 0.096111 | 10.404663 | 3.2904% | 1792 |

0.093049 10.747020 3.4024% 1791 0.089987 11.112673 3.2296% 1790
0.087172 11.471563 41.3145% 1780 0.061687 16.210977 29.4353% 1770
0.047658 20.982729 83.4728% 1750 0.025976 38.497608 29.2845% 1740
0.020092 49.771422 94.2514% 1720 0.010343 96.681682 85.8111% 1700
0.005567 179.645277 19.2490% 1690 0.004668 214.225285 88.0250%
1670 0.002483 402.797140

BASE YEAR: 1874

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 6.844468 | 0.146103 | 8.2857% | 2001 | 6.320752 | 0.158209 | 1.0000% |
| 2000 | 6.258169 | 0.159791 | 1.0000% | 1999 | 6.196207 | 0.161389 | 1.0000% |
| 1998 | 6.134859 | 0.163003 | 1.0000% | 1997 | 6.074117 | 0.164633 | 1.0000% |
| 1996 | 6.013978 | 0.166279 | 1.0000% | 1995 | 5.954433 | 0.167942 | 0.9992% |
| 1994 | 5.895524 | 0.169620 | 1.0008% | 1993 | 5.837107 | 0.171318 | 1.0000% |
| 1992 | 5.779314 | 0.173031 | 0.9295% | 1991 | 5.726090 | 0.174639 | 1.2505% |
| 1990 | 5.655369 | 0.176823 | 0.7224% | 1989 | 5.614805 | 0.178101 | 1.1077% |
| 1988 | 5.553292 | 0.180073 | 0.8834% | 1987 | 5.504666 | 0.181664 | 0.5594% |
| 1986 | 5.474046 | 0.182680 | 1.3056% | 1985 | 5.403497 | 0.185065 | 0.7673% |
| 1984 | 5.362352 | 0.186485 | 0.8149% | 1983 | 5.319005 | 0.188005 | 0.9737% |
| 1982 | 5.267711 | 0.189836 | 0.9508% | 1981 | 5.218097 | 0.191641 | 0.9031% |
| 1980 | 5.171396 | 0.193371 | 2.2701% | 1979 | 5.056608 | 0.197761 | 1.0042% |
| 1978 | 5.006335 | 0.199747 | 0.9896% | 1977 | 4.957277 | 0.201724 | 0.9103% |
| 1976 | 4.912557 | 0.203560 | 0.8394% | 1975 | 4.871662 | 0.205269 | 0.9042% |
| 1974 | 4.828009 | 0.207125 | 1.1568% | 1973 | 4.772797 | 0.209521 | 0.9427% |
| 1972 | 4.728224 | 0.211496 | 0.7426% | 1971 | 4.693370 | 0.213067 | 1.4697% |
| 1970 | 4.625389 | 0.216198 | 0.6968% | 1969 | 4.593381 | 0.217705 | 0.8565% |
| 1968 | 4.554371 | 0.219569 | 1.5090% | 1967 | 4.486666 | 0.222883 | 0.9949% |
| 1966 | 4.442467 | 0.225100 | 1.0575% | 1965 | 4.395981 | 0.227481 | 1.1300% |
| 1964 | 4.346861 | 0.230051 | 1.5537% | 1963 | 4.280359 | 0.233625 | 1.4658% |
| 1962 | 4.218523 | 0.237050 | 1.5364% | 1961 | 4.154689 | 0.240692 | 2.1586% |
| 1960 | 4.066899 | 0.245888 | -1.6655% | 1959 | 4.135780 | 0.241792 | 4.3080% |
| 1958 | 3.964969 | 0.252209 | 2.1130% | 1957 | 3.882925 | 0.257538 | 1.9895% |
| 1956 | 3.807181 | 0.262662 | 2.1231% | 1955 | 3.728031 | 0.268238 | 1.4496% |
| 1954 | 3.674762 | 0.272126 | 2.1573% | 1953 | 3.597162 | 0.277997 | 1.2298% |
| 1952 | 3.553463 | 0.281416 | 1.6814% | 1951 | 3.494704 | 0.286147 | 1.6233% |
| 1950 | 3.438881 | 0.290792 | 1.4265% | 1949 | 3.390514 | 0.294941 | 1.7790% |
| 1948 | 3.331250 | 0.300188 | 1.8242% | 1947 | 3.271571 | 0.305664 | -2.6320% |
| 1946 | 3.360008 | 0.297618 | 3.1768% | 1945 | 3.256554 | 0.307073 | 6.4754% |
| 1944 | 3.058503 | 0.326957 | -0.3437% | 1943 | 3.069050 | 0.325834 | 0.6562% |
| 1942 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.049042 | 0.327972 | 0.6633% | 1941 | 3.028951 | 0.330147 | -5.6614% | 1940 |
| 3.210724 | 0.311456 | 8.0381% | 1939 | 2.971844 | 0.336491 | 0.8126% | 1938 |
| 2.947888 | 0.339226 | 0.7762% | 1937 | 2.925182 | 0.341859 | 0.6029% | 1936 |
| 2.907652 | 0.343920 | 0.5244% | 1935 | 2.892484 | 0.345724 | -3.0364% | 1934 |
| 2.983061 | 0.335226 | 4.6271% | 1933 | 2.851135 | 0.350737 | 1.3921% | 1932 |
| 2.811989 | 0.355620 | -0.2051% | 1931 | 2.817768 | 0.354891 | 0.8886% | 1930 |
| 2.792950 | 0.358044 | 1.0126% | 1929 | 2.764952 | 0.361670 | 1.1526% | 1928 |
| 2.733447 | 0.365838 | 1.2160% | 1927 | 2.700607 | 0.370287 | 1.4086% | 1926 |
| 2.663096 | 0.375503 | 1.7667% | 1925 | 2.616864 | 0.382137 | 1.4465% | 1924 |
| 2.579550 | 0.387664 | 1.7700% | 1923 | 2.534687 | 0.394526 | 1.6165% | 1922 |
| 2.494365 | 0.400904 | 1.3736% | 1921 | 2.460566 | 0.406411 | 2.3393% | 1920 |
| 2.404321 | 0.415918 | 1.3140% | 1919 | 2.373138 | 0.421383 | 0.7676% | 1918 |
| 2.355060 | 0.424618 | 0.3870% | 1917 | 2.345981 | 0.426261 | 1.3274% | 1916 |
| 2.315248 | 0.431919 | 1.4083% | 1915 | 2.283095 | 0.438002 | 1.4458% | 1914 |
| 2.250556 | 0.444335 | 1.9424% | 1913 | 2.207675 | 0.452965 | 1.9857% | 1912 |
| 2.164691 | 0.461960 | 1.5634% | 1911 | 2.131369 | 0.469182 | 1.8169% | 1910 |
| 2.093335 | 0.477707 | 1.8781% | 1909 | 2.054746 | 0.486678 | 2.0082% | 1908 |
| 2.014294 | 0.496452 | 1.9603% | 1907 | 1.975568 | 0.506184 | 1.8264% | 1906 |
| 1.940134 | 0.515428 | 1.9357% | 1905 | 1.903292 | 0.525405 | 2.0148% | 1904 |
| 1.865702 | 0.535991 | 2.1335% | 1903 | 1.826728 | 0.547427 | 1.8151% | 1902 |
| 1.794161 | 0.557364 | 1.8943% | 1901 | 1.760805 | 0.567922 | 3.0255% | 1900 |
| 1.709097 | 0.585104 | 0.6278% | 1899 | 1.698433 | 0.588778 | 1.7757% | 1898 |
| 1.668801 | 0.599233 | 1.8078% | 1897 | 1.639169 | 0.610065 | 1.8396% | 1896 |
| 1.609559 | 0.621288 | 1.8755% | 1895 | 1.579927 | 0.632941 | 1.9114% | 1894 |
| 1.550295 | 0.645038 | 1.9486% | 1893 | 1.520663 | 0.657608 | 1.9858% | 1892 |
| 1.491054 | 0.670667 | 2.0276% | 1891 | 1.461421 | 0.684265 | 2.6465% | 1890 |
| 1.423742 | 0.702375 | 1.5328% | 1889 | 1.402248 | 0.713141 | 2.0811% | 1888 |
| 1.373660 | 0.727982 | 2.1599% | 1887 | 1.344619 | 0.743705 | 2.2075% | 1886 |
| 1.315577 | 0.760123 | 2.2592% | 1885 | 1.286512 | 0.777295 | 2.3095% | 1884 |
| 1.257470 | 0.795247 | 2.3641% | 1883 | 1.228429 | 0.814048 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.199387 | 0.833759 | 2.4815% | 1881 | 1.170345 | 0.854449 | 3.7644% | 1880 |
| 1.127887 | 0.886614 | 0.9432% | 1879 | 1.117348 | 0.894976 | 2.1464% | 1878 |
| 1.093869 | 0.914186 | 2.1913% | 1877 | 1.070413 | 0.934219 | 2.2426% | 1876 |
| 1.046935 | 0.955169 | 2.2941% | 1875 | 1.023456 | 0.977082 | 2.3456% | 1874 |
| 1.000000 | 1.000000 | 2.4043% | 1873 | 0.976521 | 1.024043 | 2.4635% | 1872 |
| 0.953043 | 1.049271 | 2.5258% | 1871 | 0.929564 | 1.075773 | 5.9947% | 1870 |
| 0.876991 | 1.140262 | -1.0968% | 1869 | 0.886717 | 1.127756 | 2.1930% | 1868 |
| 0.867688 | 1.152487 | 2.2394% | 1867 | 0.848683 | 1.178296 | 2.2935% | 1866 |
| 0.829655 | 1.205320 | 2.3445% | 1865 | 0.810649 | 1.233579 | 2.4037% | 1864 |
| 0.791621 | 1.263230 | 2.4599% | 1863 | 0.772616 | 1.294304 | 2.5250% | 1862 |
| 0.753588 | 1.326986 | 2.5872% | 1861 | 0.734582 | 1.361318 | 2.9504% | 1860 |
| 0.713530 | 1.401482 | 2.4012% | 1859 | 0.696798 | 1.435135 | 2.7627% | 1858 |
| 0.678065 | 1.474784 | 2.8412% | 1857 | 0.659332 | 1.516686 | 2.9243% | 1856 |
| 0.640599 | 1.561038 | 3.0161% | 1855 | 0.621844 | 1.608121 | 3.1061% | 1854 |
| 0.603111 | 1.658070 | 3.2056% | 1853 | 0.584378 | 1.711222 | 3.3118% | 1852 |
| 0.565645 | 1.767894 | 3.4252% | 1851 | 0.546912 | 1.828448 | 4.0106% | 1850 |
| 0.525823 | 1.901780 | 2.3254% | 1849 | 0.513874 | 1.946003 | 2.7841% | 1848 |
| 0.499955 | 2.000182 | 2.8590% | 1847 | 0.486058 | 2.057367 | 2.9432% | 1846 |
| 0.472162 | 2.117919 | 3.0324% | 1845 | 0.458265 | 2.182143 | 3.1325% | 1844 |
| 0.444346 | 2.250498 | 3.2284% | 1843 | 0.430450 | 2.323152 | 3.3361% | 1842 |
| 0.416553 | 2.400654 | 3.4512% | 1841 | 0.402657 | 2.483505 | 3.8105% | 1840 |
| 0.387877 | 2.578139 | 2.3861% | 1839 | 0.378837 | 2.639655 | 2.5824% | 1838 |
| 0.369301 | 2.707821 | 2.6573% | 1837 | 0.359741 | 2.779777 | 2.7232% | 1836 |
| 0.350204 | 2.855476 | 2.7994% | 1835 | 0.340668 | 2.935413 | 2.8871% | 1834 |
| 0.331108 | 3.020162 | 2.9657% | 1833 | 0.321571 | 3.109730 | 3.0563% | 1832 |
| 0.312035 | 3.204774 | 3.1604% | 1831 | 0.302475 | 3.306058 | 3.4660% | 1830 |
| 0.292343 | 3.420645 | 2.4653% | 1829 | 0.285309 | 3.504974 | 2.6804% | 1828 |
| 0.277861 | 3.598921 | 10.3427% | 1827 | 0.251817 | 3.971145 | -4.2314% | 1826 |
| 0.262943 | 3.803109 | 2.9150% | 1825 | 0.255495 | 3.913971 | 3.0026% | 1824 |
| 0.248047 | 4.031490 | 3.0955% | 1823 | 0.240599 | 4.156285 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.233152 | 4.289053 | 3.3102% | 1821 | 0.225681 | 4.431029 | 3.2277% | 1820 |
| 0.218625 | 4.574051 | 2.6573% | 1819 | 0.212965 | 4.695597 | 2.6261% | 1818 |
| 0.207516 | 4.818908 | 2.6969% | 1817 | 0.202066 | 4.948871 | 2.7717% | 1816 |
| 0.196617 | 5.086038 | 2.8507% | 1815 | 0.191167 | 5.231025 | 2.9343% | 1814 |
| 0.185718 | 5.384521 | 3.0231% | 1813 | 0.180268 | 5.547298 | 3.1039% | 1812 |
| 0.174841 | 5.719481 | 3.2172% | 1811 | 0.169391 | 5.903485 | 3.0969% | 1810 |
| 0.164303 | 6.086311 | 2.9144% | 1809 | 0.159650 | 6.263689 | 2.8225% | 1808 |
| 0.155268 | 6.440480 | 2.9199% | 1807 | 0.150863 | 6.628537 | 2.9918% | 1806 |
| 0.146480 | 6.826849 | 3.0841% | 1805 | 0.142098 | 7.037392 | 3.1822% | 1804 |
| 0.137716 | 7.261336 | 3.2868% | 1803 | 0.133333 | 7.500000 | 3.3985% | 1802 |
| 0.128951 | 7.754886 | 3.5180% | 1801 | 0.124569 | 8.027707 | 3.3999% | 1800 |
| 0.120473 | 8.300645 | 2.8419% | 1799 | 0.117144 | 8.536538 | 2.7485% | 1798 |
| 0.114010 | 8.771161 | 2.8261% | 1797 | 0.110876 | 9.019046 | 3.7832% | 1796 |
| 0.106835 | 9.360255 | 2.1272% | 1795 | 0.104609 | 9.559366 | 3.0879% | 1794 |
| 0.101476 | 9.854554 | 3.1625% | 1793 | 0.098365 | 10.166205 | 3.2904% | 1792 |
| 0.095232 | 10.500715 | 3.4024% | 1791 | 0.092098 | 10.857988 | 3.2296% | 1790 |
| 0.089217 | 11.208654 | 41.3145% | 1780 | 0.063134 | 15.839448 | 29.4353% | 1770 |
| 0.048776 | 20.501839 | 83.4728% | 1750 | 0.026585 | 37.615306 | 29.2845% | 1740 |
| 0.020563 | 48.630742 | 94.2514% | 1720 | 0.010586 | 94.465894 | 85.8111% | 1700 |
| 0.005697 | 175.528099 | 19.2490% | 1690 | 0.004777 | 209.315589 | 88.0250% | 1670 |
| 0.002541 | 393.565684 | | | | | | |

BASE YEAR: 1873

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 7.009030 | 0.142673 | 8.2857% | 2001 | 6.472722 | 0.154494 | 1.0000% |
| 2000 | 6.408635 | 0.156039 | 1.0000% | 1999 | 6.345184 | 0.157600 | 1.0000% |
| 1998 | 6.282360 | 0.159176 | 1.0000% | 1997 | 6.220158 | 0.160768 | 1.0000% |
| 1996 | 6.158573 | 0.162375 | 1.0000% | 1995 | 6.097597 | 0.163999 | 0.9992% |
| 1994 | 6.037271 | 0.165638 | 1.0008% | 1993 | 5.977450 | 0.167295 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.918267 | 0.168968 | 0.9295% | 1991 | 5.863763 | 0.170539 | 1.2505% | 1990 |
| 5.791342 | 0.172672 | 0.7224% | 1989 | 5.749802 | 0.173919 | 1.1077% | 1988 |
| 5.686811 | 0.175845 | 0.8834% | 1987 | 5.637016 | 0.177399 | 0.5594% | 1986 |
| 5.605660 | 0.178391 | 1.3056% | 1985 | 5.533414 | 0.180720 | 0.7673% | 1984 |
| 5.491280 | 0.182107 | 0.8149% | 1983 | 5.446891 | 0.183591 | 0.9737% | 1982 |
| 5.394364 | 0.185379 | 0.9508% | 1981 | 5.343557 | 0.187141 | 0.9031% | 1980 |
| 5.295733 | 0.188831 | 2.2701% | 1979 | 5.178184 | 0.193118 | 1.0042% | 1978 |
| 5.126703 | 0.195057 | 0.9896% | 1977 | 5.076466 | 0.196987 | 0.9103% | 1976 |
| 5.030670 | 0.198781 | 0.8394% | 1975 | 4.988792 | 0.200449 | 0.9042% | 1974 |
| 4.944089 | 0.202262 | 1.1568% | 1973 | 4.887551 | 0.204601 | 0.9427% | 1972 |
| 4.841906 | 0.206530 | 0.7426% | 1971 | 4.806213 | 0.208064 | 1.4697% | 1970 |
| 4.736598 | 0.211122 | 0.6968% | 1969 | 4.703820 | 0.212593 | 0.8565% | 1968 |
| 4.663872 | 0.214414 | 1.5090% | 1967 | 4.594539 | 0.217650 | 0.9949% | 1966 |
| 4.549278 | 0.219815 | 1.0575% | 1965 | 4.501674 | 0.222140 | 1.1300% | 1964 |
| 4.451373 | 0.224650 | 1.5537% | 1963 | 4.383272 | 0.228140 | 1.4658% | 1962 |
| 4.319950 | 0.231484 | 1.5364% | 1961 | 4.254581 | 0.235041 | 2.1586% | 1960 |
| 4.164680 | 0.240114 | -1.6655% | 1959 | 4.235217 | 0.236115 | 4.3080% | 1958 |
| 4.060300 | 0.246287 | 2.1130% | 1957 | 3.976282 | 0.251491 | 1.9895% | 1956 |
| 3.898718 | 0.256495 | 2.1231% | 1955 | 3.817665 | 0.261940 | 1.4496% | 1954 |
| 3.763114 | 0.265737 | 2.1573% | 1953 | 3.683649 | 0.271470 | 1.2298% | 1952 |
| 3.638899 | 0.274808 | 1.6814% | 1951 | 3.578727 | 0.279429 | 1.6233% | 1950 |
| 3.521563 | 0.283965 | 1.4265% | 1949 | 3.472033 | 0.288016 | 1.7790% | 1948 |
| 3.411344 | 0.293140 | 1.8242% | 1947 | 3.350230 | 0.298487 | -2.6320% | 1946 |
| 3.440793 | 0.290631 | 3.1768% | 1945 | 3.334852 | 0.299863 | 6.4754% | 1944 |
| 3.132039 | 0.319281 | -0.3437% | 1943 | 3.142840 | 0.318184 | 0.6562% | 1942 |
| 3.122351 | 0.320272 | 0.6633% | 1941 | 3.101776 | 0.322396 | -5.6614% | 1940 |
| 3.287920 | 0.304144 | 8.0381% | 1939 | 3.043296 | 0.328591 | 0.8126% | 1938 |
| 3.018765 | 0.331261 | 0.7762% | 1937 | 2.995512 | 0.333833 | 0.6029% | 1936 |
| 2.977561 | 0.335845 | 0.5244% | 1935 | 2.962029 | 0.337606 | -3.0364% | 1934 |
| 3.054783 | 0.327355 | 4.6271% | 1933 | 2.919686 | 0.342503 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.879598 | 0.347271 | -0.2051% | 1931 | 2.885516 | 0.346558 | 0.8886% | 1930 |
| 2.860101 | 0.349638 | 1.0126% | 1929 | 2.831430 | 0.353178 | 1.1526% | 1928 |
| 2.799168 | 0.357249 | 1.2160% | 1927 | 2.765539 | 0.361593 | 1.4086% | 1926 |
| 2.727125 | 0.366687 | 1.7667% | 1925 | 2.679781 | 0.373165 | 1.4465% | 1924 |
| 2.641571 | 0.378563 | 1.7700% | 1923 | 2.595629 | 0.385263 | 1.6165% | 1922 |
| 2.554338 | 0.391491 | 1.3736% | 1921 | 2.519726 | 0.396869 | 2.3393% | 1920 |
| 2.462129 | 0.406153 | 1.3140% | 1919 | 2.430196 | 0.411489 | 0.7676% | 1918 |
| 2.411683 | 0.414648 | 0.3870% | 1917 | 2.402386 | 0.416253 | 1.3274% | 1916 |
| 2.370913 | 0.421778 | 1.4083% | 1915 | 2.337988 | 0.427718 | 1.4458% | 1914 |
| 2.304667 | 0.433902 | 1.9424% | 1913 | 2.260754 | 0.442330 | 1.9857% | 1912 |
| 2.216737 | 0.451113 | 1.5634% | 1911 | 2.182614 | 0.458166 | 1.8169% | 1910 |
| 2.143665 | 0.466491 | 1.8781% | 1909 | 2.104148 | 0.475252 | 2.0082% | 1908 |
| 2.062724 | 0.484796 | 1.9603% | 1907 | 2.023067 | 0.494299 | 1.8264% | 1906 |
| 1.986781 | 0.503327 | 1.9357% | 1905 | 1.949054 | 0.513070 | 2.0148% | 1904 |
| 1.910559 | 0.523407 | 2.1335% | 1903 | 1.870648 | 0.534574 | 1.8151% | 1902 |
| 1.837298 | 0.544277 | 1.8943% | 1901 | 1.803141 | 0.554588 | 3.0255% | 1900 |
| 1.750189 | 0.571367 | 0.6278% | 1899 | 1.739269 | 0.574954 | 1.7757% | 1898 |
| 1.708924 | 0.585163 | 1.8078% | 1897 | 1.678580 | 0.595742 | 1.8396% | 1896 |
| 1.648258 | 0.606701 | 1.8755% | 1895 | 1.617914 | 0.618080 | 1.9114% | 1894 |
| 1.587569 | 0.629894 | 1.9486% | 1893 | 1.557225 | 0.642168 | 1.9858% | 1892 |
| 1.526903 | 0.654920 | 2.0276% | 1891 | 1.496559 | 0.668200 | 2.6465% | 1890 |
| 1.457973 | 0.685884 | 1.5328% | 1889 | 1.435962 | 0.696397 | 2.0811% | 1888 |
| 1.406687 | 0.710890 | 2.1599% | 1887 | 1.376947 | 0.726244 | 2.2075% | 1886 |
| 1.347207 | 0.742276 | 2.2592% | 1885 | 1.317444 | 0.759046 | 2.3095% | 1884 |
| 1.287704 | 0.776576 | 2.3641% | 1883 | 1.257964 | 0.794935 | 2.4214% | 1882 |
| 1.228224 | 0.814184 | 2.4815% | 1881 | 1.198484 | 0.834387 | 3.7644% | 1880 |
| 1.155005 | 0.865797 | 0.9432% | 1879 | 1.144212 | 0.873964 | 2.1464% | 1878 |
| 1.120169 | 0.892722 | 2.1913% | 1877 | 1.096149 | 0.912284 | 2.2426% | 1876 |
| 1.072106 | 0.932743 | 2.2941% | 1875 | 1.048063 | 0.954141 | 2.3456% | 1874 |
| 1.024043 | 0.976521 | 2.4043% | 1873 | 1.000000 | 1.000000 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.975957 | 1.024635 | 2.5258% | 1871 | 0.951914 | 1.050515 | 5.9947% | 1870 |
| 0.898077 | 1.113490 | -1.0968% | 1869 | 0.908036 | 1.101278 | 2.1930% | 1868 |
| 0.888550 | 1.125429 | 2.2394% | 1867 | 0.869088 | 1.150631 | 2.2935% | 1866 |
| 0.849602 | 1.177021 | 2.3445% | 1865 | 0.830140 | 1.204616 | 2.4037% | 1864 |
| 0.810654 | 1.233571 | 2.4599% | 1863 | 0.791192 | 1.263916 | 2.5250% | 1862 |
| 0.771706 | 1.295830 | 2.5872% | 1861 | 0.752244 | 1.329356 | 2.9504% | 1860 |
| 0.730686 | 1.368578 | 2.4012% | 1859 | 0.713552 | 1.401440 | 2.7627% | 1858 |
| 0.694368 | 1.440158 | 2.8412% | 1857 | 0.675185 | 1.481076 | 2.9243% | 1856 |
| 0.656001 | 1.524387 | 3.0161% | 1855 | 0.636795 | 1.570364 | 3.1061% | 1854 |
| 0.617611 | 1.619141 | 3.2056% | 1853 | 0.598428 | 1.671044 | 3.3118% | 1852 |
| 0.579245 | 1.726386 | 3.4252% | 1851 | 0.560061 | 1.785519 | 4.0106% | 1850 |
| 0.538466 | 1.857129 | 2.3254% | 1849 | 0.526229 | 1.900314 | 2.7841% | 1848 |
| 0.511975 | 1.953220 | 2.8590% | 1847 | 0.497745 | 2.009063 | 2.9432% | 1846 |
| 0.483514 | 2.068193 | 3.0324% | 1845 | 0.469283 | 2.130909 | 3.1325% | 1844 |
| 0.455030 | 2.197660 | 3.2284% | 1843 | 0.440799 | 2.268608 | 3.3361% | 1842 |
| 0.426568 | 2.344290 | 3.4512% | 1841 | 0.412338 | 2.425196 | 3.8105% | 1840 |
| 0.397202 | 2.517608 | 2.3861% | 1839 | 0.387946 | 2.577679 | 2.5824% | 1838 |
| 0.378180 | 2.644245 | 2.6573% | 1837 | 0.368390 | 2.714511 | 2.7232% | 1836 |
| 0.358624 | 2.788433 | 2.7994% | 1835 | 0.348858 | 2.866493 | 2.8871% | 1834 |
| 0.339069 | 2.949253 | 2.9657% | 1833 | 0.329303 | 3.036718 | 3.0563% | 1832 |
| 0.319537 | 3.129530 | 3.1604% | 1831 | 0.309747 | 3.228436 | 3.4660% | 1830 |
| 0.299371 | 3.340333 | 2.4653% | 1829 | 0.292169 | 3.422682 | 2.6804% | 1828 |
| 0.284542 | 3.514423 | 10.3427% | 1827 | 0.257871 | 3.877908 | -4.2314% | 1826 |
| 0.269265 | 3.713817 | 2.9150% | 1825 | 0.261638 | 3.822076 | 3.0026% | 1824 |
| 0.254011 | 3.936836 | 3.0955% | 1823 | 0.246384 | 4.058701 | 3.1944% | 1822 |
| 0.238757 | 4.188352 | 3.3102% | 1821 | 0.231107 | 4.326995 | 3.2277% | 1820 |
| 0.223881 | 4.466659 | 2.6573% | 1819 | 0.218086 | 4.585350 | 2.6261% | 1818 |
| 0.212505 | 4.705766 | 2.6969% | 1817 | 0.206925 | 4.832678 | 2.7717% | 1816 |
| 0.201344 | 4.966624 | 2.8507% | 1815 | 0.195763 | 5.108208 | 2.9343% | 1814 |
| 0.190183 | 5.258100 | 3.0231% | 1813 | 0.184602 | 5.417055 | 3.1039% | 1812 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.179045 | 5.585195 | 3.2172% | 1811 | 0.173464 | 5.764879 | 3.0969% | 1810 |
| 0.168253 | 5.943413 | 2.9144% | 1809 | 0.163489 | 6.116626 | 2.8225% | 1808 |
| 0.159001 | 6.289266 | 2.9199% | 1807 | 0.154490 | 6.472908 | 2.9918% | 1806 |
| 0.150002 | 6.666563 | 3.0841% | 1805 | 0.145515 | 6.872164 | 3.1822% | 1804 |
| 0.141027 | 7.090849 | 3.2868% | 1803 | 0.136539 | 7.323910 | 3.3985% | 1802 |
| 0.132051 | 7.572812 | 3.5180% | 1801 | 0.127564 | 7.839227 | 3.3999% | 1800 |
| 0.123369 | 8.105757 | 2.8419% | 1799 | 0.119960 | 8.336112 | 2.7485% | 1798 |
| 0.116751 | 8.565226 | 2.8261% | 1797 | 0.113542 | 8.807291 | 3.7832% | 1796 |
| 0.109403 | 9.140489 | 2.1272% | 1795 | 0.107125 | 9.334925 | 3.0879% | 1794 |
| 0.103916 | 9.623182 | 3.1625% | 1793 | 0.100730 | 9.927516 | 3.2904% | 1792 |
| 0.097521 | 10.254173 | 3.4024% | 1791 | 0.094312 | 10.603057 | 3.2296% | 1790 |
| 0.091362 | 10.945490 | 41.3145% | 1780 | 0.064651 | 15.467559 | 29.4353% | 1770 |
| 0.049949 | 20.020483 | 83.4728% | 1750 | 0.027224 | 36.732149 | 29.2845% | 1740 |
| 0.021058 | 47.488958 | 94.2514% | 1720 | 0.010840 | 92.247962 | 85.8111% | 1700 |
| 0.005834 | 171.406935 | 19.2490% | 1690 | 0.004892 | 204.401141 | 88.0250% | |
| 1670 | 0.002602 | 384.325290 | | | | | |

BASE YEAR: 1872

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 7.181701 | 0.139243 | 8.2857% | 2001 | 6.632181 | 0.150780 | 1.0000% |
| 2000 | 6.566515 | 0.152288 | 1.0000% | 1999 | 6.501500 | 0.153811 | 1.0000% |
| 1998 | 6.437129 | 0.155349 | 1.0000% | 1997 | 6.373395 | 0.156902 | 1.0000% |
| 1996 | 6.310292 | 0.158471 | 1.0000% | 1995 | 6.247814 | 0.160056 | 0.9992% |
| 1994 | 6.186002 | 0.161655 | 1.0008% | 1993 | 6.124707 | 0.163273 | 1.0000% |
| 1992 | 6.064067 | 0.164906 | 0.9295% | 1991 | 6.008220 | 0.166439 | 1.2505% |
| 1990 | 5.934014 | 0.168520 | 0.7224% | 1989 | 5.891451 | 0.169737 | 1.1077% |
| 1988 | 5.826908 | 0.171618 | 0.8834% | 1987 | 5.775886 | 0.173134 | 0.5594% |
| 1986 | 5.743758 | 0.174102 | 1.3056% | 1985 | 5.669732 | 0.176375 | 0.7673% |
| 1984 | 5.626561 | 0.177728 | 0.8149% | 1983 | 5.581078 | 0.179177 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.527256 | 0.180922 | 0.9508% | 1981 | 5.475198 | 0.182642 | 0.9031% | 1980 |
| 5.426196 | 0.184291 | 2.2701% | 1979 | 5.305751 | 0.188475 | 1.0042% | 1978 |
| 5.253002 | 0.190367 | 0.9896% | 1977 | 5.201527 | 0.192251 | 0.9103% | 1976 |
| 5.154603 | 0.194001 | 0.8394% | 1975 | 5.111694 | 0.195630 | 0.9042% | 1974 |
| 5.065889 | 0.197399 | 1.1568% | 1973 | 5.007958 | 0.199682 | 0.9427% | 1972 |
| 4.961188 | 0.201565 | 0.7426% | 1971 | 4.924616 | 0.203062 | 1.4697% | 1970 |
| 4.853286 | 0.206046 | 0.6968% | 1969 | 4.819701 | 0.207482 | 0.8565% | 1968 |
| 4.778769 | 0.209259 | 1.5090% | 1967 | 4.707728 | 0.212417 | 0.9949% | 1966 |
| 4.661352 | 0.214530 | 1.0575% | 1965 | 4.612575 | 0.216799 | 1.1300% | 1964 |
| 4.561035 | 0.219248 | 1.5537% | 1963 | 4.491256 | 0.222655 | 1.4658% | 1962 |
| 4.426374 | 0.225919 | 1.5364% | 1961 | 4.359394 | 0.229390 | 2.1586% | 1960 |
| 4.267279 | 0.234341 | -1.6655% | 1959 | 4.339554 | 0.230438 | 4.3080% | 1958 |
| 4.160327 | 0.240366 | 2.1130% | 1957 | 4.074240 | 0.245445 | 1.9895% | 1956 |
| 3.994764 | 0.250328 | 2.1231% | 1955 | 3.911715 | 0.255642 | 1.4496% | 1954 |
| 3.855821 | 0.259348 | 2.1573% | 1953 | 3.774397 | 0.264943 | 1.2298% | 1952 |
| 3.728545 | 0.268201 | 1.6814% | 1951 | 3.666891 | 0.272711 | 1.6233% | 1950 |
| 3.608318 | 0.277137 | 1.4265% | 1949 | 3.557568 | 0.281091 | 1.7790% | 1948 |
| 3.495384 | 0.286092 | 1.8242% | 1947 | 3.432765 | 0.291310 | -2.6320% | 1946 |
| 3.525559 | 0.283643 | 3.1768% | 1945 | 3.417007 | 0.292654 | 6.4754% | 1944 |
| 3.209198 | 0.311604 | -0.3437% | 1943 | 3.220266 | 0.310533 | 0.6562% | 1942 |
| 3.199271 | 0.312571 | 0.6633% | 1941 | 3.178190 | 0.314644 | -5.6614% | 1940 |
| 3.368919 | 0.296831 | 8.0381% | 1939 | 3.118269 | 0.320691 | 0.8126% | 1938 |
| 3.093134 | 0.323297 | 0.7762% | 1937 | 3.069308 | 0.325806 | 0.6029% | 1936 |
| 3.050915 | 0.327771 | 0.5244% | 1935 | 3.035000 | 0.329489 | -3.0364% | 1934 |
| 3.130039 | 0.319485 | 4.6271% | 1933 | 2.991613 | 0.334268 | 1.3921% | 1932 |
| 2.950538 | 0.338921 | -0.2051% | 1931 | 2.956602 | 0.338226 | 0.8886% | 1930 |
| 2.930561 | 0.341232 | 1.0126% | 1929 | 2.901184 | 0.344687 | 1.1526% | 1928 |
| 2.868126 | 0.348660 | 1.2160% | 1927 | 2.833669 | 0.352899 | 1.4086% | 1926 |
| 2.794309 | 0.357870 | 1.7667% | 1925 | 2.745799 | 0.364193 | 1.4465% | 1924 |
| 2.706647 | 0.369461 | 1.7700% | 1923 | 2.659574 | 0.376000 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.617265 | 0.382078 | 1.3736% | 1921 | 2.581800 | 0.387327 | 2.3393% | 1920 |
| 2.522784 | 0.396387 | 1.3140% | 1919 | 2.490065 | 0.401596 | 0.7676% | 1918 |
| 2.471096 | 0.404679 | 0.3870% | 1917 | 2.461570 | 0.406245 | 1.3274% | 1916 |
| 2.429322 | 0.411637 | 1.4083% | 1915 | 2.395585 | 0.417435 | 1.4458% | 1914 |
| 2.361443 | 0.423470 | 1.9424% | 1913 | 2.316449 | 0.431695 | 1.9857% | 1912 |
| 2.271348 | 0.440267 | 1.5634% | 1911 | 2.236384 | 0.447150 | 1.8169% | 1910 |
| 2.196476 | 0.455275 | 1.8781% | 1909 | 2.155985 | 0.463825 | 2.0082% | 1908 |
| 2.113540 | 0.473140 | 1.9603% | 1907 | 2.072906 | 0.482415 | 1.8264% | 1906 |
| 2.035726 | 0.491225 | 1.9357% | 1905 | 1.997069 | 0.500734 | 2.0148% | 1904 |
| 1.957627 | 0.510823 | 2.1335% | 1903 | 1.916733 | 0.521721 | 1.8151% | 1902 |
| 1.882561 | 0.531191 | 1.8943% | 1901 | 1.847562 | 0.541254 | 3.0255% | 1900 |
| 1.793305 | 0.557629 | 0.6278% | 1899 | 1.782117 | 0.561130 | 1.7757% | 1898 |
| 1.751024 | 0.571094 | 1.8078% | 1897 | 1.719932 | 0.581418 | 1.8396% | 1896 |
| 1.688864 | 0.592114 | 1.8755% | 1895 | 1.657772 | 0.603219 | 1.9114% | 1894 |
| 1.626680 | 0.614749 | 1.9486% | 1893 | 1.595588 | 0.626728 | 1.9858% | 1892 |
| 1.564519 | 0.639174 | 2.0276% | 1891 | 1.533427 | 0.652134 | 2.6465% | 1890 |
| 1.493891 | 0.669393 | 1.5328% | 1889 | 1.471338 | 0.679653 | 2.0811% | 1888 |
| 1.441342 | 0.693798 | 2.1599% | 1887 | 1.410869 | 0.708783 | 2.2075% | 1886 |
| 1.380396 | 0.724430 | 2.2592% | 1885 | 1.349900 | 0.740796 | 2.3095% | 1884 |
| 1.319427 | 0.757905 | 2.3641% | 1883 | 1.288955 | 0.775823 | 2.4214% | 1882 |
| 1.258482 | 0.794608 | 2.4815% | 1881 | 1.228009 | 0.814326 | 3.7644% | 1880 |
| 1.183459 | 0.844981 | 0.9432% | 1879 | 1.172401 | 0.852951 | 2.1464% | 1878 |
| 1.147765 | 0.871258 | 2.1913% | 1877 | 1.123154 | 0.890350 | 2.2426% | 1876 |
| 1.098518 | 0.910317 | 2.2941% | 1875 | 1.073883 | 0.931200 | 2.3456% | 1874 |
| 1.049271 | 0.953043 | 2.4043% | 1873 | 1.024635 | 0.975957 | 2.4635% | 1872 |
| 1.000000 | 1.000000 | 2.5258% | 1871 | 0.975365 | 1.025258 | 5.9947% | 1870 |
| 0.920201 | 1.086719 | -1.0968% | 1869 | 0.930406 | 1.074800 | 2.1930% | 1868 |
| 0.910440 | 1.098370 | 2.2394% | 1867 | 0.890498 | 1.122967 | 2.2935% | 1866 |
| 0.870533 | 1.148722 | 2.3445% | 1865 | 0.850591 | 1.175653 | 2.4037% | 1864 |
| 0.830625 | 1.203912 | 2.4599% | 1863 | 0.810683 | 1.233527 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.790718 | 1.264674 | 2.5872% | 1861 | 0.770776 | 1.297394 | 2.9504% | 1860 |
| 0.748686 | 1.335673 | 2.4012% | 1859 | 0.731130 | 1.367745 | 2.7627% | 1858 |
| 0.711474 | 1.405532 | 2.8412% | 1857 | 0.691818 | 1.445466 | 2.9243% | 1856 |
| 0.672162 | 1.487736 | 3.0161% | 1855 | 0.652483 | 1.532608 | 3.1061% | 1854 |
| 0.632827 | 1.580212 | 3.2056% | 1853 | 0.613171 | 1.630867 | 3.3118% | 1852 |
| 0.593515 | 1.684878 | 3.4252% | 1851 | 0.573859 | 1.742589 | 4.0106% | 1850 |
| 0.551731 | 1.812477 | 2.3254% | 1849 | 0.539193 | 1.854624 | 2.7841% | 1848 |
| 0.524588 | 1.906259 | 2.8590% | 1847 | 0.510007 | 1.960759 | 2.9432% | 1846 |
| 0.495426 | 2.018467 | 3.0324% | 1845 | 0.480844 | 2.079675 | 3.1325% | 1844 |
| 0.466239 | 2.144821 | 3.2284% | 1843 | 0.451658 | 2.214063 | 3.3361% | 1842 |
| 0.437077 | 2.287926 | 3.4512% | 1841 | 0.422496 | 2.366887 | 3.8105% | 1840 |
| 0.406988 | 2.457077 | 2.3861% | 1839 | 0.397503 | 2.515704 | 2.5824% | 1838 |
| 0.387496 | 2.580669 | 2.6573% | 1837 | 0.377466 | 2.649246 | 2.7232% | 1836 |
| 0.367459 | 2.721390 | 2.7994% | 1835 | 0.357453 | 2.797574 | 2.8871% | 1834 |
| 0.347422 | 2.878343 | 2.9657% | 1833 | 0.337415 | 2.963706 | 3.0563% | 1832 |
| 0.327409 | 3.054286 | 3.1604% | 1831 | 0.317378 | 3.150815 | 3.4660% | 1830 |
| 0.306747 | 3.260021 | 2.4653% | 1829 | 0.299366 | 3.340390 | 2.6804% | 1828 |
| 0.291552 | 3.429926 | 10.3427% | 1827 | 0.264224 | 3.784671 | -4.2314% | 1826 |
| 0.275898 | 3.624525 | 2.9150% | 1825 | 0.268083 | 3.730181 | 3.0026% | 1824 |
| 0.260269 | 3.842182 | 3.0955% | 1823 | 0.252454 | 3.961117 | 3.1944% | 1822 |
| 0.244639 | 4.087651 | 3.3102% | 1821 | 0.236801 | 4.222960 | 3.2277% | 1820 |
| 0.229396 | 4.359266 | 2.6573% | 1819 | 0.223458 | 4.475104 | 2.6261% | 1818 |
| 0.217740 | 4.592625 | 2.6969% | 1817 | 0.212022 | 4.716485 | 2.7717% | 1816 |
| 0.206304 | 4.847211 | 2.8507% | 1815 | 0.200586 | 4.985390 | 2.9343% | 1814 |
| 0.194868 | 5.131679 | 3.0231% | 1813 | 0.189150 | 5.286812 | 3.1039% | 1812 |
| 0.183456 | 5.450909 | 3.2172% | 1811 | 0.177738 | 5.626273 | 3.0969% | 1810 |
| 0.172399 | 5.800514 | 2.9144% | 1809 | 0.167516 | 5.969563 | 2.8225% | 1808 |
| 0.162918 | 6.138052 | 2.9199% | 1807 | 0.158296 | 6.317279 | 2.9918% | 1806 |
| 0.153698 | 6.506278 | 3.0841% | 1805 | 0.149099 | 6.706935 | 3.1822% | 1804 |
| 0.144501 | 6.920363 | 3.2868% | 1803 | 0.139903 | 7.147820 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.135304 | 7.390738 | 3.5180% | 1801 | 0.130706 | 7.650747 | 3.3999% | 1800 |
| 0.126408 | 7.910869 | 2.8419% | 1799 | 0.122915 | 8.135685 | 2.7485% | 1798 |
| 0.119627 | 8.359291 | 2.8261% | 1797 | 0.116339 | 8.595536 | 3.7832% | 1796 |
| 0.112099 | 8.920723 | 2.1272% | 1795 | 0.109764 | 9.110484 | 3.0879% | 1794 |
| 0.106476 | 9.391810 | 3.1625% | 1793 | 0.103212 | 9.688827 | 3.2904% | 1792 |
| 0.099924 | 10.007630 | 3.4024% | 1791 | 0.096636 | 10.348126 | 3.2296% | 1790 |
| 0.093613 | 10.682326 | 41.3145% | 1780 | 0.066244 | 15.095670 | 29.4353% | 1770 |
| 0.051179 | 19.539128 | 83.4728% | 1750 | 0.027895 | 35.848992 | 29.2845% | 1740 |
| 0.021576 | 46.347173 | 94.2514% | 1720 | 0.011107 | 90.030030 | 85.8111% | 1700 |
| 0.005978 | 167.285771 | 19.2490% | 1690 | 0.005013 | 199.486692 | 88.0250% | 1670 |
| 0.002666 | 375.084897 | | | | | | |

BASE YEAR: 1871

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 7.363094 | 0.135812 | 8.2857% | 2001 | 6.799695 | 0.147065 | 1.0000% |
| 2000 | 6.732370 | 0.148536 | 1.0000% | 1999 | 6.665713 | 0.150021 | 1.0000% |
| 1998 | 6.599716 | 0.151522 | 1.0000% | 1997 | 6.534372 | 0.153037 | 1.0000% |
| 1996 | 6.469675 | 0.154567 | 1.0000% | 1995 | 6.405619 | 0.156113 | 0.9992% |
| 1994 | 6.342246 | 0.157673 | 1.0008% | 1993 | 6.279403 | 0.159251 | 1.0000% |
| 1992 | 6.217231 | 0.160843 | 0.9295% | 1991 | 6.159974 | 0.162338 | 1.2505% |
| 1990 | 6.083894 | 0.164368 | 0.7224% | 1989 | 6.040256 | 0.165556 | 1.1077% |
| 1988 | 5.974083 | 0.167390 | 0.8834% | 1987 | 5.921772 | 0.168868 | 0.5594% |
| 1986 | 5.888832 | 0.169813 | 1.3056% | 1985 | 5.812937 | 0.172030 | 0.7673% |
| 1984 | 5.768675 | 0.173350 | 0.8149% | 1983 | 5.722043 | 0.174763 | 0.9737% |
| 1982 | 5.666862 | 0.176465 | 0.9508% | 1981 | 5.613489 | 0.178142 | 0.9031% |
| 1980 | 5.563249 | 0.179751 | 2.2701% | 1979 | 5.439763 | 0.183832 | 1.0042% |
| 1978 | 5.385681 | 0.185678 | 0.9896% | 1977 | 5.332906 | 0.187515 | 0.9103% |
| 1976 | 5.284797 | 0.189222 | 0.8394% | 1975 | 5.240803 | 0.190810 | 0.9042% |
| 1974 | 5.193842 | 0.192536 | 1.1568% | 1973 | 5.134447 | 0.194763 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.086497 | 0.196599 | 0.7426% | 1971 | 5.049001 | 0.198059 | 1.4697% | 1970 |
| 4.975869 | 0.200970 | 0.6968% | 1969 | 4.941436 | 0.202370 | 0.8565% | 1968 |
| 4.899470 | 0.204104 | 1.5090% | 1967 | 4.826634 | 0.207184 | 0.9949% | 1966 |
| 4.779087 | 0.209245 | 1.0575% | 1965 | 4.729078 | 0.211458 | 1.1300% | 1964 |
| 4.676236 | 0.213847 | 1.5537% | 1963 | 4.604695 | 0.217170 | 1.4658% | 1962 |
| 4.538174 | 0.220353 | 1.5364% | 1961 | 4.469503 | 0.223739 | 2.1586% | 1960 |
| 4.375061 | 0.228568 | -1.6655% | 1959 | 4.449161 | 0.224761 | 4.3080% | 1958 |
| 4.265407 | 0.234444 | 2.1130% | 1957 | 4.177146 | 0.239398 | 1.9895% | 1956 |
| 4.095663 | 0.244161 | 2.1231% | 1955 | 4.010516 | 0.249344 | 1.4496% | 1954 |
| 3.953210 | 0.252959 | 2.1573% | 1953 | 3.869730 | 0.258416 | 1.2298% | 1952 |
| 3.822720 | 0.261594 | 1.6814% | 1951 | 3.759508 | 0.265992 | 1.6233% | 1950 |
| 3.699456 | 0.270310 | 1.4265% | 1949 | 3.647424 | 0.274166 | 1.7790% | 1948 |
| 3.583669 | 0.279044 | 1.8242% | 1947 | 3.519468 | 0.284134 | -2.6320% | 1946 |
| 3.614606 | 0.276655 | 3.1768% | 1945 | 3.503313 | 0.285444 | 6.4754% | 1944 |
| 3.290255 | 0.303928 | -0.3437% | 1943 | 3.301602 | 0.302883 | 0.6562% | 1942 |
| 3.280077 | 0.304871 | 0.6633% | 1941 | 3.258464 | 0.306893 | -5.6614% | 1940 |
| 3.454010 | 0.289519 | 8.0381% | 1939 | 3.197030 | 0.312790 | 0.8126% | 1938 |
| 3.171259 | 0.315332 | 0.7762% | 1937 | 3.146832 | 0.317780 | 0.6029% | 1936 |
| 3.127974 | 0.319696 | 0.5244% | 1935 | 3.111657 | 0.321372 | -3.0364% | 1934 |
| 3.209097 | 0.311614 | 4.6271% | 1933 | 3.067175 | 0.326033 | 1.3921% | 1932 |
| 3.025062 | 0.330572 | -0.2051% | 1931 | 3.031279 | 0.329894 | 0.8886% | 1930 |
| 3.004580 | 0.332825 | 1.0126% | 1929 | 2.974461 | 0.336195 | 1.1526% | 1928 |
| 2.940569 | 0.340070 | 1.2160% | 1927 | 2.905241 | 0.344206 | 1.4086% | 1926 |
| 2.864887 | 0.349054 | 1.7667% | 1925 | 2.815152 | 0.355221 | 1.4465% | 1924 |
| 2.775011 | 0.360359 | 1.7700% | 1923 | 2.726748 | 0.366737 | 1.6165% | 1922 |
| 2.683371 | 0.372666 | 1.3736% | 1921 | 2.647011 | 0.377785 | 2.3393% | 1920 |
| 2.586504 | 0.386622 | 1.3140% | 1919 | 2.552958 | 0.391702 | 0.7676% | 1918 |
| 2.533510 | 0.394709 | 0.3870% | 1917 | 2.523743 | 0.396237 | 1.3274% | 1916 |
| 2.490681 | 0.401497 | 1.4083% | 1915 | 2.456092 | 0.407151 | 1.4458% | 1914 |
| 2.421088 | 0.413037 | 1.9424% | 1913 | 2.374957 | 0.421060 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.328717 | 0.429421 | 1.5634% | 1911 | 2.292870 | 0.436135 | 1.8169% | 1910 |
| 2.251954 | 0.444059 | 1.8781% | 1909 | 2.210440 | 0.452399 | 2.0082% | 1908 |
| 2.166923 | 0.461484 | 1.9603% | 1907 | 2.125263 | 0.470530 | 1.8264% | 1906 |
| 2.087144 | 0.479124 | 1.9357% | 1905 | 2.047511 | 0.488398 | 2.0148% | 1904 |
| 2.007072 | 0.498238 | 2.1335% | 1903 | 1.965145 | 0.508868 | 1.8151% | 1902 |
| 1.930110 | 0.518105 | 1.8943% | 1901 | 1.894227 | 0.527920 | 3.0255% | 1900 |
| 1.838600 | 0.543892 | 0.6278% | 1899 | 1.827129 | 0.547307 | 1.7757% | 1898 |
| 1.795251 | 0.557025 | 1.8078% | 1897 | 1.763374 | 0.567095 | 1.8396% | 1896 |
| 1.731521 | 0.577527 | 1.8755% | 1895 | 1.699643 | 0.588359 | 1.9114% | 1894 |
| 1.667766 | 0.599605 | 1.9486% | 1893 | 1.635888 | 0.611289 | 1.9858% | 1892 |
| 1.604035 | 0.623428 | 2.0276% | 1891 | 1.572158 | 0.636068 | 2.6465% | 1890 |
| 1.531623 | 0.652902 | 1.5328% | 1889 | 1.508501 | 0.662910 | 2.0811% | 1888 |
| 1.477747 | 0.676706 | 2.1599% | 1887 | 1.446504 | 0.691322 | 2.2075% | 1886 |
| 1.415262 | 0.706583 | 2.2592% | 1885 | 1.383995 | 0.722546 | 2.3095% | 1884 |
| 1.352753 | 0.739233 | 2.3641% | 1883 | 1.321511 | 0.756710 | 2.4214% | 1882 |
| 1.290268 | 0.775033 | 2.4815% | 1881 | 1.259026 | 0.794265 | 3.7644% | 1880 |
| 1.213351 | 0.824164 | 0.9432% | 1879 | 1.202013 | 0.831938 | 2.1464% | 1878 |
| 1.176755 | 0.849794 | 2.1913% | 1877 | 1.151522 | 0.868416 | 2.2426% | 1876 |
| 1.126264 | 0.887891 | 2.2941% | 1875 | 1.101006 | 0.908260 | 2.3456% | 1874 |
| 1.075773 | 0.929564 | 2.4043% | 1873 | 1.050515 | 0.951914 | 2.4635% | 1872 |
| 1.025258 | 0.975365 | 2.5258% | 1871 | 1.000000 | 1.000000 | 5.9947% | 1870 |
| 0.943444 | 1.059947 | -1.0968% | 1869 | 0.953906 | 1.048321 | 2.1930% | 1868 |
| 0.933436 | 1.071311 | 2.2394% | 1867 | 0.912990 | 1.095302 | 2.2935% | 1866 |
| 0.892520 | 1.120423 | 2.3445% | 1865 | 0.872075 | 1.146691 | 2.4037% | 1864 |
| 0.851605 | 1.174254 | 2.4599% | 1863 | 0.831159 | 1.203139 | 2.5250% | 1862 |
| 0.810689 | 1.233518 | 2.5872% | 1861 | 0.790244 | 1.265432 | 2.9504% | 1860 |
| 0.767597 | 1.302768 | 2.4012% | 1859 | 0.749597 | 1.334050 | 2.7627% | 1858 |
| 0.729445 | 1.370906 | 2.8412% | 1857 | 0.709292 | 1.409856 | 2.9243% | 1856 |
| 0.689140 | 1.451085 | 3.0161% | 1855 | 0.668963 | 1.494851 | 3.1061% | 1854 |
| 0.648810 | 1.541282 | 3.2056% | 1853 | 0.628658 | 1.590690 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.608506 | 1.643370 | 3.4252% | 1851 | 0.588353 | 1.699660 | 4.0106% | 1850 |
| 0.565666 | 1.767826 | 2.3254% | 1849 | 0.552812 | 1.808935 | 2.7841% | 1848 |
| 0.537838 | 1.859297 | 2.8590% | 1847 | 0.522888 | 1.912454 | 2.9432% | 1846 |
| 0.507939 | 1.968741 | 3.0324% | 1845 | 0.492989 | 2.028441 | 3.1325% | 1844 |
| 0.478016 | 2.091982 | 3.2284% | 1843 | 0.463066 | 2.159519 | 3.3361% | 1842 |
| 0.448117 | 2.231562 | 3.4512% | 1841 | 0.433167 | 2.308577 | 3.8105% | 1840 |
| 0.417267 | 2.396545 | 2.3861% | 1839 | 0.407543 | 2.453728 | 2.5824% | 1838 |
| 0.397284 | 2.517093 | 2.6573% | 1837 | 0.387000 | 2.583980 | 2.7232% | 1836 |
| 0.376740 | 2.654347 | 2.7994% | 1835 | 0.366481 | 2.728654 | 2.8871% | 1834 |
| 0.356197 | 2.807434 | 2.9657% | 1833 | 0.345938 | 2.890693 | 3.0563% | 1832 |
| 0.335678 | 2.979042 | 3.1604% | 1831 | 0.325394 | 3.073193 | 3.4660% | 1830 |
| 0.314494 | 3.179709 | 2.4653% | 1829 | 0.306928 | 3.258098 | 2.6804% | 1828 |
| 0.298915 | 3.345428 | 10.3427% | 1827 | 0.270897 | 3.691434 | -4.2314% | 1826 |
| 0.282867 | 3.535233 | 2.9150% | 1825 | 0.274855 | 3.638287 | 3.0026% | 1824 |
| 0.266843 | 3.747528 | 3.0955% | 1823 | 0.258830 | 3.863533 | 3.1944% | 1822 |
| 0.250818 | 3.986950 | 3.3102% | 1821 | 0.242782 | 4.118925 | 3.2277% | 1820 |
| 0.235190 | 4.251874 | 2.6573% | 1819 | 0.229103 | 4.364858 | 2.6261% | 1818 |
| 0.223240 | 4.479484 | 2.6969% | 1817 | 0.217377 | 4.600292 | 2.7717% | 1816 |
| 0.211515 | 4.727798 | 2.8507% | 1815 | 0.205652 | 4.862573 | 2.9343% | 1814 |
| 0.199790 | 5.005257 | 3.0231% | 1813 | 0.193927 | 5.156569 | 3.1039% | 1812 |
| 0.188089 | 5.316623 | 3.2172% | 1811 | 0.182227 | 5.487668 | 3.0969% | 1810 |
| 0.176753 | 5.657616 | 2.9144% | 1809 | 0.171748 | 5.822500 | 2.8225% | 1808 |
| 0.167033 | 5.986838 | 2.9199% | 1807 | 0.162294 | 6.161650 | 2.9918% | 1806 |
| 0.157580 | 6.345993 | 3.0841% | 1805 | 0.152865 | 6.541707 | 3.1822% | 1804 |
| 0.148151 | 6.749876 | 3.2868% | 1803 | 0.143436 | 6.971730 | 3.3985% | 1802 |
| 0.138722 | 7.208663 | 3.5180% | 1801 | 0.134008 | 7.462268 | 3.3999% | 1800 |
| 0.129601 | 7.715981 | 2.8419% | 1799 | 0.126020 | 7.935259 | 2.7485% | 1798 |
| 0.122649 | 8.153356 | 2.8261% | 1797 | 0.119278 | 8.383780 | 3.7832% | 1796 |
| 0.114930 | 8.700956 | 2.1272% | 1795 | 0.112536 | 8.886043 | 3.0879% | 1794 |
| 0.109165 | 9.160439 | 3.1625% | 1793 | 0.105819 | 9.450139 | 3.2904% | 1792 |

0.102448 9.761087 3.4024% 1791 0.099077 10.093195 3.2296% 1790
0.095977 10.419161 41.3145% 1780 0.067917 14.723781 29.4353% 1770
0.052472 19.057772 83.4728% 1750 0.028599 34.965835 29.2845% 1740
0.022121 45.205389 94.2514% 1720 0.011388 87.812098 85.8111% 1700
0.006129 163.164607 19.2490% 1690 0.005139 194.572243 88.0250%
1670 0.002733 365.844504

BASE YEAR: 1870

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 7.804488 0.128131 8.2857% 2001 7.207314 0.138748 1.0000%
2000 7.135954 0.140135 1.0000% 1999 7.065301 0.141537 1.0000% 1998
6.995347 0.142952 1.0000% 1997 6.926087 0.144382 1.0000% 1996
6.857511 0.145825 1.0000% 1995 6.789615 0.147284 0.9992% 1994
6.722443 0.148755 1.0008% 1993 6.655833 0.150244 1.0000% 1992
6.589934 0.151747 0.9295% 1991 6.529244 0.153157 1.2505% 1990
6.448603 0.155072 0.7224% 1989 6.402350 0.156193 1.1077% 1988
6.332210 0.157923 0.8834% 1987 6.276763 0.159318 0.5594% 1986
6.241848 0.160209 1.3056% 1985 6.161403 0.162301 0.7673% 1984
6.114488 0.163546 0.8149% 1983 6.065061 0.164879 0.9737% 1982
6.006572 0.166484 0.9508% 1981 5.949999 0.168067 0.9031% 1980
5.896748 0.169585 2.2701% 1979 5.765859 0.173435 1.0042% 1978
5.708535 0.175176 0.9896% 1977 5.652596 0.176910 0.9103% 1976
5.601603 0.178520 0.8394% 1975 5.554972 0.180019 0.9042% 1974
5.505196 0.181647 1.1568% 1973 5.442241 0.183748 0.9427% 1972
5.391416 0.185480 0.7426% 1971 5.351672 0.186857 1.4697% 1970
5.274156 0.189604 0.6968% 1969 5.237659 0.190925 0.8565% 1968
5.193177 0.192560 1.5090% 1967 5.115975 0.195466 0.9949% 1966
5.065577 0.197411 1.0575% 1965 5.012571 0.199498 1.1300% 1964
4.956561 0.201753 1.5537% 1963 4.880731 0.204887 1.4658% 1962

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|----------|----------|----------|------|----------|----------|----------|------|
| 4.810222 | 0.207891 | 1.5364% | 1961 | 4.737435 | 0.211085 | 2.1586% | 1960 |
| 4.637332 | 0.215641 | -1.6655% | 1959 | 4.715874 | 0.212050 | 4.3080% | 1958 |
| 4.521105 | 0.221185 | 2.1130% | 1957 | 4.427552 | 0.225858 | 1.9895% | 1956 |
| 4.341185 | 0.230352 | 2.1231% | 1955 | 4.250933 | 0.235242 | 1.4496% | 1954 |
| 4.190192 | 0.238653 | 2.1573% | 1953 | 4.101708 | 0.243801 | 1.2298% | 1952 |
| 4.051879 | 0.246799 | 1.6814% | 1951 | 3.984879 | 0.250949 | 1.6233% | 1950 |
| 3.921226 | 0.255022 | 1.4265% | 1949 | 3.866075 | 0.258660 | 1.7790% | 1948 |
| 3.798499 | 0.263262 | 1.8242% | 1947 | 3.730449 | 0.268064 | -2.6320% | 1946 |
| 3.831290 | 0.261009 | 3.1768% | 1945 | 3.713325 | 0.269300 | 6.4754% | 1944 |
| 3.487495 | 0.286739 | -0.3437% | 1943 | 3.499522 | 0.285753 | 0.6562% | 1942 |
| 3.476707 | 0.287628 | 0.6633% | 1941 | 3.453798 | 0.289536 | -5.6614% | 1940 |
| 3.661067 | 0.273144 | 8.0381% | 1939 | 3.388681 | 0.295100 | 0.8126% | 1938 |
| 3.361366 | 0.297498 | 0.7762% | 1937 | 3.335474 | 0.299807 | 0.6029% | 1936 |
| 3.315486 | 0.301615 | 0.5244% | 1935 | 3.298190 | 0.303197 | -3.0364% | 1934 |
| 3.401472 | 0.293990 | 4.6271% | 1933 | 3.251042 | 0.307594 | 1.3921% | 1932 |
| 3.206405 | 0.311876 | -0.2051% | 1931 | 3.212994 | 0.311236 | 0.8886% | 1930 |
| 3.184695 | 0.314002 | 1.0126% | 1929 | 3.152771 | 0.317181 | 1.1526% | 1928 |
| 3.116846 | 0.320837 | 1.2160% | 1927 | 3.079401 | 0.324739 | 1.4086% | 1926 |
| 3.036627 | 0.329313 | 1.7667% | 1925 | 2.983911 | 0.335131 | 1.4465% | 1924 |
| 2.941364 | 0.339978 | 1.7700% | 1923 | 2.890208 | 0.345996 | 1.6165% | 1922 |
| 2.844231 | 0.351589 | 1.3736% | 1921 | 2.805690 | 0.356419 | 2.3393% | 1920 |
| 2.741557 | 0.364756 | 1.3140% | 1919 | 2.706000 | 0.369549 | 0.7676% | 1918 |
| 2.685385 | 0.372386 | 0.3870% | 1917 | 2.675033 | 0.373827 | 1.3274% | 1916 |
| 2.639989 | 0.378789 | 1.4083% | 1915 | 2.603327 | 0.384124 | 1.4458% | 1914 |
| 2.566224 | 0.389678 | 1.9424% | 1913 | 2.517328 | 0.397247 | 1.9857% | 1912 |
| 2.468316 | 0.405135 | 1.5634% | 1911 | 2.430320 | 0.411468 | 1.8169% | 1910 |
| 2.386951 | 0.418945 | 1.8781% | 1909 | 2.342949 | 0.426813 | 2.0082% | 1908 |
| 2.296823 | 0.435384 | 1.9603% | 1907 | 2.252665 | 0.443919 | 1.8264% | 1906 |
| 2.212261 | 0.452026 | 1.9357% | 1905 | 2.170252 | 0.460776 | 2.0148% | 1904 |
| 2.127389 | 0.470060 | 2.1335% | 1903 | 2.082949 | 0.480089 | 1.8151% | 1902 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 2.045814 | 0.488803 | 1.8943% | 1901 | 2.007780 | 0.498063 | 3.0255% | 1900 |
| 1.948818 | 0.513131 | 0.6278% | 1899 | 1.936659 | 0.516353 | 1.7757% | 1898 |
| 1.902871 | 0.525522 | 1.8078% | 1897 | 1.869082 | 0.535022 | 1.8396% | 1896 |
| 1.835320 | 0.544864 | 1.8755% | 1895 | 1.801531 | 0.555083 | 1.9114% | 1894 |
| 1.767743 | 0.565693 | 1.9486% | 1893 | 1.733955 | 0.576716 | 1.9858% | 1892 |
| 1.700192 | 0.588169 | 2.0276% | 1891 | 1.666404 | 0.600095 | 2.6465% | 1890 |
| 1.623439 | 0.615976 | 1.5328% | 1889 | 1.598930 | 0.625418 | 2.0811% | 1888 |
| 1.566333 | 0.638434 | 2.1599% | 1887 | 1.533218 | 0.652223 | 2.2075% | 1886 |
| 1.500102 | 0.666621 | 2.2592% | 1885 | 1.466961 | 0.681681 | 2.3095% | 1884 |
| 1.433846 | 0.697425 | 2.3641% | 1883 | 1.400731 | 0.713913 | 2.4214% | 1882 |
| 1.367616 | 0.731200 | 2.4815% | 1881 | 1.334500 | 0.749344 | 3.7644% | 1880 |
| 1.286087 | 0.777552 | 0.9432% | 1879 | 1.274070 | 0.784887 | 2.1464% | 1878 |
| 1.247298 | 0.801733 | 2.1913% | 1877 | 1.220552 | 0.819302 | 2.2426% | 1876 |
| 1.193780 | 0.837675 | 2.2941% | 1875 | 1.167008 | 0.856892 | 2.3456% | 1874 |
| 1.140262 | 0.876991 | 2.4043% | 1873 | 1.113490 | 0.898077 | 2.4635% | 1872 |
| 1.086719 | 0.920201 | 2.5258% | 1871 | 1.059947 | 0.943444 | 5.9947% | 1870 |
| 1.000000 | 1.000000 | -1.0968% | 1869 | 1.011089 | 0.989032 | 2.1930% | 1868 |
| 0.989392 | 1.010721 | 2.2394% | 1867 | 0.967721 | 1.033355 | 2.2935% | 1866 |
| 0.946024 | 1.057056 | 2.3445% | 1865 | 0.924353 | 1.081838 | 2.4037% | 1864 |
| 0.902656 | 1.107842 | 2.4599% | 1863 | 0.880985 | 1.135094 | 2.5250% | 1862 |
| 0.859288 | 1.163755 | 2.5872% | 1861 | 0.837616 | 1.193864 | 2.9504% | 1860 |
| 0.813611 | 1.229088 | 2.4012% | 1859 | 0.794533 | 1.258601 | 2.7627% | 1858 |
| 0.773172 | 1.293373 | 2.8412% | 1857 | 0.751812 | 1.330120 | 2.9243% | 1856 |
| 0.730451 | 1.369017 | 3.0161% | 1855 | 0.709065 | 1.410308 | 3.1061% | 1854 |
| 0.687704 | 1.454113 | 3.2056% | 1853 | 0.666344 | 1.500726 | 3.3118% | 1852 |
| 0.644983 | 1.550427 | 3.4252% | 1851 | 0.623623 | 1.603533 | 4.0106% | 1850 |
| 0.599576 | 1.667844 | 2.3254% | 1849 | 0.585951 | 1.706628 | 2.7841% | 1848 |
| 0.570079 | 1.754142 | 2.8590% | 1847 | 0.554234 | 1.804293 | 2.9432% | 1846 |
| 0.538388 | 1.857396 | 3.0324% | 1845 | 0.522543 | 1.913720 | 3.1325% | 1844 |
| 0.506671 | 1.973667 | 3.2284% | 1843 | 0.490825 | 2.037384 | 3.3361% | 1842 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.474980 | 2.105353 | 3.4512% | 1841 | 0.459134 | 2.178012 | 3.8105% | 1840 |
| 0.442281 | 2.261005 | 2.3861% | 1839 | 0.431974 | 2.314954 | 2.5824% | 1838 |
| 0.421100 | 2.374735 | 2.6573% | 1837 | 0.410199 | 2.437840 | 2.7232% | 1836 |
| 0.399325 | 2.504227 | 2.7994% | 1835 | 0.388450 | 2.574331 | 2.8871% | 1834 |
| 0.377550 | 2.648656 | 2.9657% | 1833 | 0.366676 | 2.727206 | 3.0563% | 1832 |
| 0.355801 | 2.810559 | 3.1604% | 1831 | 0.344901 | 2.899384 | 3.4660% | 1830 |
| 0.333347 | 2.999876 | 2.4653% | 1829 | 0.325327 | 3.073832 | 2.6804% | 1828 |
| 0.316834 | 3.156223 | 10.3427% | 1827 | 0.287137 | 3.482660 | -4.2314% | 1826 |
| 0.299824 | 3.335293 | 2.9150% | 1825 | 0.291331 | 3.432518 | 3.0026% | 1824 |
| 0.282839 | 3.535582 | 3.0955% | 1823 | 0.274346 | 3.645026 | 3.1944% | 1822 |
| 0.265854 | 3.761462 | 3.3102% | 1821 | 0.257336 | 3.885974 | 3.2277% | 1820 |
| 0.249289 | 4.011403 | 2.6573% | 1819 | 0.242836 | 4.117997 | 2.6261% | 1818 |
| 0.236623 | 4.226140 | 2.6969% | 1817 | 0.230409 | 4.340116 | 2.7717% | 1816 |
| 0.224195 | 4.460411 | 2.8507% | 1815 | 0.217981 | 4.587563 | 2.9343% | 1814 |
| 0.211767 | 4.722178 | 3.0231% | 1813 | 0.205553 | 4.864932 | 3.1039% | 1812 |
| 0.199365 | 5.015934 | 3.2172% | 1811 | 0.193151 | 5.177305 | 3.0969% | 1810 |
| 0.187349 | 5.337642 | 2.9144% | 1809 | 0.182043 | 5.493201 | 2.8225% | 1808 |
| 0.177046 | 5.648244 | 2.9199% | 1807 | 0.172023 | 5.813169 | 2.9918% | 1806 |
| 0.167026 | 5.987086 | 3.0841% | 1805 | 0.162029 | 6.171731 | 3.1822% | 1804 |
| 0.157032 | 6.368128 | 3.2868% | 1803 | 0.152035 | 6.577434 | 3.3985% | 1802 |
| 0.147038 | 6.800968 | 3.5180% | 1801 | 0.142041 | 7.040229 | 3.3999% | 1800 |
| 0.137370 | 7.279593 | 2.8419% | 1799 | 0.133574 | 7.486469 | 2.7485% | 1798 |
| 0.130001 | 7.692232 | 2.8261% | 1797 | 0.126428 | 7.909624 | 3.7832% | 1796 |
| 0.121820 | 8.208862 | 2.1272% | 1795 | 0.119282 | 8.383481 | 3.0879% | 1794 |
| 0.115709 | 8.642357 | 3.1625% | 1793 | 0.112162 | 8.915673 | 3.2904% | 1792 |
| 0.108589 | 9.209036 | 3.4024% | 1791 | 0.105016 | 9.522361 | 3.2296% | 1790 |
| 0.101731 | 9.829891 | 41.3145% | 1780 | 0.071989 | 13.891057 | 29.4353% | 1770 |
| 0.055618 | 17.979933 | 83.4728% | 1750 | 0.030314 | 32.988294 | 29.2845% | 1740 |
| 0.023447 | 42.648736 | 94.2514% | 1720 | 0.012071 | 82.845764 | 85.8111% | 1700 |

0.006496 153.936608 19.2490% 1690 0.005448 183.567942 88.0250%
1670 0.002897 345.153664

BASE YEAR: 1869

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 7.718889 | 0.129552 | 8.2857% | 2001 | 7.128266 | 0.140287 | 1.0000% |
| 2000 | 7.057688 | 0.141689 | 1.0000% | 1999 | 6.987810 | 0.143106 | 1.0000% |
| 1998 | 6.918624 | 0.144537 | 1.0000% | 1997 | 6.850122 | 0.145983 | 1.0000% |
| 1996 | 6.782299 | 0.147443 | 1.0000% | 1995 | 6.715148 | 0.148917 | 0.9992% |
| 1994 | 6.648713 | 0.150405 | 1.0008% | 1993 | 6.582833 | 0.151910 | 1.0000% |
| 1992 | 6.517656 | 0.153429 | 0.9295% | 1991 | 6.457632 | 0.154856 | 1.2505% |
| 1990 | 6.377876 | 0.156792 | 0.7224% | 1989 | 6.332130 | 0.157925 | 1.1077% |
| 1988 | 6.262759 | 0.159674 | 0.8834% | 1987 | 6.207920 | 0.161085 | 0.5594% |
| 1986 | 6.173389 | 0.161986 | 1.3056% | 1985 | 6.093826 | 0.164101 | 0.7673% |
| 1984 | 6.047425 | 0.165360 | 0.8149% | 1983 | 5.998540 | 0.166707 | 0.9737% |
| 1982 | 5.940693 | 0.168331 | 0.9508% | 1981 | 5.884740 | 0.169931 | 0.9031% |
| 1980 | 5.832073 | 0.171466 | 2.2701% | 1979 | 5.702620 | 0.175358 | 1.0042% |
| 1978 | 5.645925 | 0.177119 | 0.9896% | 1977 | 5.590599 | 0.178872 | 0.9103% |
| 1976 | 5.540165 | 0.180500 | 0.8394% | 1975 | 5.494046 | 0.182015 | 0.9042% |
| 1974 | 5.444816 | 0.183661 | 1.1568% | 1973 | 5.382551 | 0.185786 | 0.9427% |
| 1972 | 5.332283 | 0.187537 | 0.7426% | 1971 | 5.292976 | 0.188930 | 1.4697% |
| 1970 | 5.216310 | 0.191706 | 0.6968% | 1969 | 5.180213 | 0.193042 | 0.8565% |
| 1968 | 5.136219 | 0.194696 | 1.5090% | 1967 | 5.059864 | 0.197634 | 0.9949% |
| 1966 | 5.010019 | 0.199600 | 1.0575% | 1965 | 4.957594 | 0.201711 | 1.1300% |
| 1964 | 4.902198 | 0.203990 | 1.5537% | 1963 | 4.827200 | 0.207159 | 1.4658% |
| 1962 | 4.757465 | 0.210196 | 1.5364% | 1961 | 4.685475 | 0.213426 | 2.1586% |
| 1960 | 4.586470 | 0.218033 | -1.6655% | 1959 | 4.664151 | 0.214401 | 4.3080% |
| 1958 | 4.471518 | 0.223638 | 2.1130% | 1957 | 4.378992 | 0.228363 | 1.9895% |
| 1956 | 4.293571 | 0.232906 | 2.1231% | 1955 | 4.204310 | 0.237851 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 4.144234 | 0.241299 | 2.1573% | 1953 | 4.056721 | 0.246505 | 1.2298% | 1952 |
| 4.007439 | 0.249536 | 1.6814% | 1951 | 3.941173 | 0.253732 | 1.6233% | 1950 |
| 3.878219 | 0.257850 | 1.4265% | 1949 | 3.823673 | 0.261529 | 1.7790% | 1948 |
| 3.756837 | 0.266181 | 1.8242% | 1947 | 3.689534 | 0.271037 | -2.6320% | 1946 |
| 3.789269 | 0.263903 | 3.1768% | 1945 | 3.672598 | 0.272287 | 6.4754% | 1944 |
| 3.449245 | 0.289919 | -0.3437% | 1943 | 3.461140 | 0.288922 | 0.6562% | 1942 |
| 3.438575 | 0.290818 | 0.6633% | 1941 | 3.415918 | 0.292747 | -5.6614% | 1940 |
| 3.620913 | 0.276173 | 8.0381% | 1939 | 3.351515 | 0.298373 | 0.8126% | 1938 |
| 3.324499 | 0.300797 | 0.7762% | 1937 | 3.298891 | 0.303132 | 0.6029% | 1936 |
| 3.279122 | 0.304960 | 0.5244% | 1935 | 3.262016 | 0.306559 | -3.0364% | 1934 |
| 3.364165 | 0.297251 | 4.6271% | 1933 | 3.215385 | 0.311005 | 1.3921% | 1932 |
| 3.171238 | 0.315334 | -0.2051% | 1931 | 3.177755 | 0.314688 | 0.8886% | 1930 |
| 3.149766 | 0.317484 | 1.0126% | 1929 | 3.118192 | 0.320699 | 1.1526% | 1928 |
| 3.082661 | 0.324395 | 1.2160% | 1927 | 3.045626 | 0.328340 | 1.4086% | 1926 |
| 3.003322 | 0.332965 | 1.7667% | 1925 | 2.951184 | 0.338847 | 1.4465% | 1924 |
| 2.909104 | 0.343749 | 1.7700% | 1923 | 2.858509 | 0.349833 | 1.6165% | 1922 |
| 2.813035 | 0.355488 | 1.3736% | 1921 | 2.774918 | 0.360371 | 2.3393% | 1920 |
| 2.711488 | 0.368801 | 1.3140% | 1919 | 2.676321 | 0.373647 | 0.7676% | 1918 |
| 2.655933 | 0.376516 | 0.3870% | 1917 | 2.645694 | 0.377973 | 1.3274% | 1916 |
| 2.611034 | 0.382990 | 1.4083% | 1915 | 2.574774 | 0.388384 | 1.4458% | 1914 |
| 2.538078 | 0.393999 | 1.9424% | 1913 | 2.489719 | 0.401652 | 1.9857% | 1912 |
| 2.441244 | 0.409627 | 1.5634% | 1911 | 2.403664 | 0.416031 | 1.8169% | 1910 |
| 2.360771 | 0.423590 | 1.8781% | 1909 | 2.317252 | 0.431546 | 2.0082% | 1908 |
| 2.271632 | 0.440212 | 1.9603% | 1907 | 2.227958 | 0.448841 | 1.8264% | 1906 |
| 2.187998 | 0.457039 | 1.9357% | 1905 | 2.146450 | 0.465886 | 2.0148% | 1904 |
| 2.104056 | 0.475272 | 2.1335% | 1903 | 2.060103 | 0.485413 | 1.8151% | 1902 |
| 2.023376 | 0.494223 | 1.8943% | 1901 | 1.985759 | 0.503586 | 3.0255% | 1900 |
| 1.927444 | 0.518822 | 0.6278% | 1899 | 1.915418 | 0.522079 | 1.7757% | 1898 |
| 1.882000 | 0.531349 | 1.8078% | 1897 | 1.848583 | 0.540955 | 1.8396% | 1896 |
| 1.815190 | 0.550906 | 1.8755% | 1895 | 1.781773 | 0.561239 | 1.9114% | 1894 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 1.748355 | 0.571966 | 1.9486% | 1893 | 1.714937 | 0.583112 | 1.9858% | 1892 |
| 1.681545 | 0.594691 | 2.0276% | 1891 | 1.648127 | 0.606749 | 2.6465% | 1890 |
| 1.605633 | 0.622807 | 1.5328% | 1889 | 1.581394 | 0.632354 | 2.0811% | 1888 |
| 1.549154 | 0.645514 | 2.1599% | 1887 | 1.516402 | 0.659456 | 2.2075% | 1886 |
| 1.483650 | 0.674014 | 2.2592% | 1885 | 1.450872 | 0.689241 | 2.3095% | 1884 |
| 1.418120 | 0.705159 | 2.3641% | 1883 | 1.385368 | 0.721830 | 2.4214% | 1882 |
| 1.352616 | 0.739308 | 2.4815% | 1881 | 1.319864 | 0.757654 | 3.7644% | 1880 |
| 1.271981 | 0.786175 | 0.9432% | 1879 | 1.260096 | 0.793590 | 2.1464% | 1878 |
| 1.233618 | 0.810624 | 2.1913% | 1877 | 1.207165 | 0.828387 | 2.2426% | 1876 |
| 1.180687 | 0.846965 | 2.2941% | 1875 | 1.154209 | 0.866395 | 2.3456% | 1874 |
| 1.127756 | 0.886717 | 2.4043% | 1873 | 1.101278 | 0.908036 | 2.4635% | 1872 |
| 1.074800 | 0.930406 | 2.5258% | 1871 | 1.048321 | 0.953906 | 5.9947% | 1870 |
| 0.989032 | 1.011089 | -1.0968% | 1869 | 1.000000 | 1.000000 | 2.1930% | 1868 |
| 0.978541 | 1.021930 | 2.2394% | 1867 | 0.957107 | 1.044815 | 2.2935% | 1866 |
| 0.935648 | 1.068778 | 2.3445% | 1865 | 0.914215 | 1.093835 | 2.4037% | 1864 |
| 0.892756 | 1.120127 | 2.4599% | 1863 | 0.871322 | 1.147681 | 2.5250% | 1862 |
| 0.849863 | 1.176660 | 2.5872% | 1861 | 0.828429 | 1.207103 | 2.9504% | 1860 |
| 0.804688 | 1.242718 | 2.4012% | 1859 | 0.785819 | 1.272558 | 2.7627% | 1858 |
| 0.764692 | 1.307715 | 2.8412% | 1857 | 0.743566 | 1.344870 | 2.9243% | 1856 |
| 0.722440 | 1.384198 | 3.0161% | 1855 | 0.701288 | 1.425948 | 3.1061% | 1854 |
| 0.680162 | 1.470238 | 3.2056% | 1853 | 0.659036 | 1.517369 | 3.3118% | 1852 |
| 0.637909 | 1.567621 | 3.4252% | 1851 | 0.616783 | 1.621315 | 4.0106% | 1850 |
| 0.593000 | 1.686340 | 2.3254% | 1849 | 0.579524 | 1.725553 | 2.7841% | 1848 |
| 0.563827 | 1.773594 | 2.8590% | 1847 | 0.548155 | 1.824302 | 2.9432% | 1846 |
| 0.532483 | 1.877994 | 3.0324% | 1845 | 0.516811 | 1.934942 | 3.1325% | 1844 |
| 0.501114 | 1.995554 | 3.2284% | 1843 | 0.485442 | 2.059978 | 3.3361% | 1842 |
| 0.469770 | 2.128700 | 3.4512% | 1841 | 0.454098 | 2.202165 | 3.8105% | 1840 |
| 0.437430 | 2.286079 | 2.3861% | 1839 | 0.427236 | 2.340626 | 2.5824% | 1838 |
| 0.416481 | 2.401070 | 2.6573% | 1837 | 0.405700 | 2.464874 | 2.7232% | 1836 |
| 0.394945 | 2.531998 | 2.7994% | 1835 | 0.384190 | 2.602879 | 2.8871% | 1834 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.373409 | 2.678028 | 2.9657% | 1833 | 0.362654 | 2.757450 | 3.0563% | 1832 |
| 0.351899 | 2.841726 | 3.1604% | 1831 | 0.341118 | 2.931537 | 3.4660% | 1830 |
| 0.329691 | 3.033143 | 2.4653% | 1829 | 0.321759 | 3.107919 | 2.6804% | 1828 |
| 0.313359 | 3.191223 | 10.3427% | 1827 | 0.283988 | 3.521280 | -4.2314% | 1826 |
| 0.296535 | 3.372280 | 2.9150% | 1825 | 0.288136 | 3.470583 | 3.0026% | 1824 |
| 0.279737 | 3.574789 | 3.0955% | 1823 | 0.271337 | 3.685447 | 3.1944% | 1822 |
| 0.262938 | 3.803175 | 3.3102% | 1821 | 0.254513 | 3.929067 | 3.2277% | 1820 |
| 0.246555 | 4.055887 | 2.6573% | 1819 | 0.240173 | 4.163664 | 2.6261% | 1818 |
| 0.234027 | 4.273006 | 2.6969% | 1817 | 0.227881 | 4.388246 | 2.7717% | 1816 |
| 0.221736 | 4.509874 | 2.8507% | 1815 | 0.215590 | 4.638437 | 2.9343% | 1814 |
| 0.209444 | 4.774545 | 3.0231% | 1813 | 0.203298 | 4.918881 | 3.1039% | 1812 |
| 0.197178 | 5.071558 | 3.2172% | 1811 | 0.191032 | 5.234718 | 3.0969% | 1810 |
| 0.185294 | 5.396833 | 2.9144% | 1809 | 0.180047 | 5.554117 | 2.8225% | 1808 |
| 0.175104 | 5.710880 | 2.9199% | 1807 | 0.170136 | 5.877634 | 2.9918% | 1806 |
| 0.165194 | 6.053480 | 3.0841% | 1805 | 0.160252 | 6.240173 | 3.1822% | 1804 |
| 0.155310 | 6.438747 | 3.2868% | 1803 | 0.150367 | 6.650375 | 3.3985% | 1802 |
| 0.145425 | 6.876387 | 3.5180% | 1801 | 0.140483 | 7.118301 | 3.3999% | 1800 |
| 0.135864 | 7.360320 | 2.8419% | 1799 | 0.132109 | 7.569490 | 2.7485% | 1798 |
| 0.128575 | 7.777534 | 2.8261% | 1797 | 0.125042 | 7.997338 | 3.7832% | 1796 |
| 0.120483 | 8.299894 | 2.1272% | 1795 | 0.117974 | 8.476449 | 3.0879% | 1794 |
| 0.114440 | 8.738196 | 3.1625% | 1793 | 0.110932 | 9.014543 | 3.2904% | 1792 |
| 0.107398 | 9.311159 | 3.4024% | 1791 | 0.103864 | 9.627959 | 3.2296% | 1790 |
| 0.100615 | 9.938900 | 41.3145% | 1780 | 0.071199 | 14.045101 | 29.4353% | 1770 |
| 0.055008 | 18.179321 | 83.4728% | 1750 | 0.029981 | 33.354117 | 29.2845% | 1740 |
| 0.023190 | 43.121687 | 94.2514% | 1720 | 0.011938 | 83.764479 | 85.8111% | 1700 |
| 0.006425 | 155.643683 | 19.2490% | 1690 | 0.005388 | 185.603612 | 88.0250% | 1670 |
| 0.002865 | 348.981233 | | | | | | |

BASE YEAR: 1868

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 7.888162 | 0.126772 | 8.2857% | 2001 | 7.284586 | 0.137276 | 1.0000% |
| 2000 | 7.212461 | 0.138649 | 1.0000% | 1999 | 7.141050 | 0.140035 | 1.0000% |
| 1998 | 7.070347 | 0.141436 | 1.0000% | 1997 | 7.000344 | 0.142850 | 1.0000% |
| 1996 | 6.931033 | 0.144279 | 1.0000% | 1995 | 6.862409 | 0.145721 | 0.9992% |
| 1994 | 6.794517 | 0.147177 | 1.0008% | 1993 | 6.727193 | 0.148650 | 1.0000% |
| 1992 | 6.660587 | 0.150137 | 0.9295% | 1991 | 6.599246 | 0.151532 | 1.2505% |
| 1990 | 6.517741 | 0.153427 | 0.7224% | 1989 | 6.470992 | 0.154536 | 1.1077% |
| 1988 | 6.400099 | 0.156248 | 0.8834% | 1987 | 6.344058 | 0.157628 | 0.5594% |
| 1986 | 6.308769 | 0.158510 | 1.3056% | 1985 | 6.227462 | 0.160579 | 0.7673% |
| 1984 | 6.180043 | 0.161811 | 0.8149% | 1983 | 6.130087 | 0.163130 | 0.9737% |
| 1982 | 6.070971 | 0.164718 | 0.9508% | 1981 | 6.013791 | 0.166284 | 0.9031% |
| 1980 | 5.959969 | 0.167786 | 2.2701% | 1979 | 5.827676 | 0.171595 | 1.0042% |
| 1978 | 5.769738 | 0.173318 | 0.9896% | 1977 | 5.713200 | 0.175033 | 0.9103% |
| 1976 | 5.661660 | 0.176627 | 0.8394% | 1975 | 5.614529 | 0.178109 | 0.9042% |
| 1974 | 5.564219 | 0.179720 | 1.1568% | 1973 | 5.500589 | 0.181799 | 0.9427% |
| 1972 | 5.449219 | 0.183513 | 0.7426% | 1971 | 5.409049 | 0.184875 | 1.4697% |
| 1970 | 5.330702 | 0.187593 | 0.6968% | 1969 | 5.293814 | 0.188900 | 0.8565% |
| 1968 | 5.248855 | 0.190518 | 1.5090% | 1967 | 5.170825 | 0.193393 | 0.9949% |
| 1966 | 5.119887 | 0.195317 | 1.0575% | 1965 | 5.066313 | 0.197382 | 1.1300% |
| 1964 | 5.009702 | 0.199613 | 1.5537% | 1963 | 4.933059 | 0.202714 | 1.4658% |
| 1962 | 4.861794 | 0.205685 | 1.5364% | 1961 | 4.788227 | 0.208846 | 2.1586% |
| 1960 | 4.687050 | 0.213354 | -1.6655% | 1959 | 4.766434 | 0.209800 | 4.3080% |
| 1958 | 4.569577 | 0.218839 | 2.1130% | 1957 | 4.475022 | 0.223463 | 1.9895% |
| 1956 | 4.387728 | 0.227908 | 2.1231% | 1955 | 4.296509 | 0.232747 | 1.4496% |
| 1954 | 4.235116 | 0.236121 | 2.1573% | 1953 | 4.145683 | 0.241215 | 1.2298% |
| 1952 | 4.095321 | 0.244181 | 1.6814% | 1951 | 4.027602 | 0.248287 | 1.6233% |
| 1950 | 3.963267 | 0.252317 | 1.4265% | 1949 | 3.907525 | 0.255916 | 1.7790% |
| 1948 | 3.839224 | 0.260469 | 1.8242% | 1947 | 3.770445 | 0.265221 | -2.6320% |
| 1946 | 3.872367 | 0.258240 | 3.1768% | 1945 | 3.753137 | 0.266444 | 6.4754% |
| 1944 | 3.524886 | 0.283697 | -0.3437% | 1943 | 3.537042 | 0.282722 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.513982 | 0.284577 | 0.6633% | 1941 | 3.490828 | 0.286465 | -5.6614% | 1940 |
| 3.700319 | 0.270247 | 8.0381% | 1939 | 3.425012 | 0.291970 | 0.8126% | 1938 |
| 3.397404 | 0.294342 | 0.7762% | 1937 | 3.371235 | 0.296627 | 0.6029% | 1936 |
| 3.351032 | 0.298415 | 0.5244% | 1935 | 3.333551 | 0.299980 | -3.0364% | 1934 |
| 3.437940 | 0.290872 | 4.6271% | 1933 | 3.285897 | 0.304331 | 1.3921% | 1932 |
| 3.240782 | 0.308568 | -0.2051% | 1931 | 3.247442 | 0.307935 | 0.8886% | 1930 |
| 3.218839 | 0.310671 | 1.0126% | 1929 | 3.186573 | 0.313817 | 1.1526% | 1928 |
| 3.150263 | 0.317434 | 1.2160% | 1927 | 3.112416 | 0.321294 | 1.4086% | 1926 |
| 3.069184 | 0.325820 | 1.7667% | 1925 | 3.015902 | 0.331576 | 1.4465% | 1924 |
| 2.972899 | 0.336372 | 1.7700% | 1923 | 2.921195 | 0.342326 | 1.6165% | 1922 |
| 2.874725 | 0.347859 | 1.3736% | 1921 | 2.835771 | 0.352638 | 2.3393% | 1920 |
| 2.770950 | 0.360887 | 1.3140% | 1919 | 2.735012 | 0.365629 | 0.7676% | 1918 |
| 2.714176 | 0.368436 | 0.3870% | 1917 | 2.703713 | 0.369862 | 1.3274% | 1916 |
| 2.668294 | 0.374771 | 1.4083% | 1915 | 2.631238 | 0.380049 | 1.4458% | 1914 |
| 2.593738 | 0.385544 | 1.9424% | 1913 | 2.544317 | 0.393033 | 1.9857% | 1912 |
| 2.494779 | 0.400837 | 1.5634% | 1911 | 2.456376 | 0.407104 | 1.8169% | 1910 |
| 2.412542 | 0.414501 | 1.8781% | 1909 | 2.368068 | 0.422285 | 2.0082% | 1908 |
| 2.321448 | 0.430766 | 1.9603% | 1907 | 2.276817 | 0.439210 | 1.8264% | 1906 |
| 2.235980 | 0.447231 | 1.9357% | 1905 | 2.193521 | 0.455888 | 2.0148% | 1904 |
| 2.150198 | 0.465074 | 2.1335% | 1903 | 2.105281 | 0.474996 | 1.8151% | 1902 |
| 2.067748 | 0.483618 | 1.8943% | 1901 | 2.029306 | 0.492779 | 3.0255% | 1900 |
| 1.969712 | 0.507688 | 0.6278% | 1899 | 1.957423 | 0.510876 | 1.7757% | 1898 |
| 1.923272 | 0.519947 | 1.8078% | 1897 | 1.889122 | 0.529347 | 1.8396% | 1896 |
| 1.854997 | 0.539084 | 1.8755% | 1895 | 1.820846 | 0.549195 | 1.9114% | 1894 |
| 1.786696 | 0.559692 | 1.9486% | 1893 | 1.752545 | 0.570599 | 1.9858% | 1892 |
| 1.718420 | 0.581930 | 2.0276% | 1891 | 1.684270 | 0.593729 | 2.6465% | 1890 |
| 1.640845 | 0.609442 | 1.5328% | 1889 | 1.616073 | 0.618784 | 2.0811% | 1888 |
| 1.583126 | 0.631662 | 2.1599% | 1887 | 1.549656 | 0.645305 | 2.2075% | 1886 |
| 1.516186 | 0.659550 | 2.2592% | 1885 | 1.482689 | 0.674450 | 2.3095% | 1884 |
| 1.449219 | 0.690027 | 2.3641% | 1883 | 1.415749 | 0.706340 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.382278 | 0.723443 | 2.4815% | 1881 | 1.348808 | 0.741395 | 3.7644% | 1880 |
| 1.299876 | 0.769304 | 0.9432% | 1879 | 1.287729 | 0.776561 | 2.1464% | 1878 |
| 1.260670 | 0.793229 | 2.1913% | 1877 | 1.233638 | 0.810611 | 2.2426% | 1876 |
| 1.206579 | 0.828790 | 2.2941% | 1875 | 1.179520 | 0.847802 | 2.3456% | 1874 |
| 1.152487 | 0.867688 | 2.4043% | 1873 | 1.125429 | 0.888550 | 2.4635% | 1872 |
| 1.098370 | 0.910440 | 2.5258% | 1871 | 1.071311 | 0.933436 | 5.9947% | 1870 |
| 1.010721 | 0.989392 | -1.0968% | 1869 | 1.021930 | 0.978541 | 2.1930% | 1868 |
| 1.000000 | 1.000000 | 2.2394% | 1867 | 0.978096 | 1.022394 | 2.2935% | 1866 |
| 0.956167 | 1.045843 | 2.3445% | 1865 | 0.934263 | 1.070362 | 2.4037% | 1864 |
| 0.912333 | 1.096090 | 2.4599% | 1863 | 0.890430 | 1.123053 | 2.5250% | 1862 |
| 0.868500 | 1.151410 | 2.5872% | 1861 | 0.846597 | 1.181200 | 2.9504% | 1860 |
| 0.822334 | 1.216050 | 2.4012% | 1859 | 0.803051 | 1.245250 | 2.7627% | 1858 |
| 0.781462 | 1.279653 | 2.8412% | 1857 | 0.759872 | 1.316011 | 2.9243% | 1856 |
| 0.738283 | 1.354495 | 3.0161% | 1855 | 0.716667 | 1.395348 | 3.1061% | 1854 |
| 0.695078 | 1.438688 | 3.2056% | 1853 | 0.673488 | 1.484807 | 3.3118% | 1852 |
| 0.651899 | 1.533981 | 3.4252% | 1851 | 0.630309 | 1.586523 | 4.0106% | 1850 |
| 0.606005 | 1.650152 | 2.3254% | 1849 | 0.592233 | 1.688525 | 2.7841% | 1848 |
| 0.576191 | 1.735535 | 2.8590% | 1847 | 0.560176 | 1.785154 | 2.9432% | 1846 |
| 0.544160 | 1.837694 | 3.0324% | 1845 | 0.528145 | 1.893420 | 3.1325% | 1844 |
| 0.512103 | 1.952731 | 3.2284% | 1843 | 0.496088 | 2.015773 | 3.3361% | 1842 |
| 0.480072 | 2.083020 | 3.4512% | 1841 | 0.464057 | 2.154909 | 3.8105% | 1840 |
| 0.447023 | 2.237021 | 2.3861% | 1839 | 0.436605 | 2.290398 | 2.5824% | 1838 |
| 0.425614 | 2.349545 | 2.6573% | 1837 | 0.414597 | 2.411980 | 2.7232% | 1836 |
| 0.403606 | 2.477663 | 2.7994% | 1835 | 0.392615 | 2.547024 | 2.8871% | 1834 |
| 0.381598 | 2.620560 | 2.9657% | 1833 | 0.370607 | 2.698277 | 3.0563% | 1832 |
| 0.359616 | 2.780745 | 3.1604% | 1831 | 0.348599 | 2.868628 | 3.4660% | 1830 |
| 0.336921 | 2.968054 | 2.4653% | 1829 | 0.328815 | 3.041226 | 2.6804% | 1828 |
| 0.320231 | 3.122743 | 10.3427% | 1827 | 0.290215 | 3.445717 | -4.2314% | 1826 |
| 0.303038 | 3.299914 | 2.9150% | 1825 | 0.294455 | 3.396107 | 3.0026% | 1824 |
| 0.285871 | 3.498078 | 3.0955% | 1823 | 0.277288 | 3.606361 | 3.1944% | 1822 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.268704 | 3.721562 | 3.3102% | 1821 | 0.260095 | 3.844753 | 3.2277% | 1820 |
| 0.251962 | 3.968852 | 2.6573% | 1819 | 0.245440 | 4.074315 | 2.6261% | 1818 |
| 0.239159 | 4.181311 | 2.6969% | 1817 | 0.232879 | 4.294078 | 2.7717% | 1816 |
| 0.226598 | 4.413096 | 2.8507% | 1815 | 0.220318 | 4.538900 | 2.9343% | 1814 |
| 0.214037 | 4.672087 | 3.0231% | 1813 | 0.207757 | 4.813327 | 3.1039% | 1812 |
| 0.201502 | 4.962727 | 3.2172% | 1811 | 0.195222 | 5.122386 | 3.0969% | 1810 |
| 0.189357 | 5.281022 | 2.9144% | 1809 | 0.183995 | 5.434931 | 2.8225% | 1808 |
| 0.178944 | 5.588330 | 2.9199% | 1807 | 0.173868 | 5.751505 | 2.9918% | 1806 |
| 0.168817 | 5.923578 | 3.0841% | 1805 | 0.163766 | 6.106264 | 3.1822% | 1804 |
| 0.158716 | 6.300577 | 3.2868% | 1803 | 0.153665 | 6.507663 | 3.3985% | 1802 |
| 0.148614 | 6.728825 | 3.5180% | 1801 | 0.143564 | 6.965549 | 3.3999% | 1800 |
| 0.138843 | 7.202374 | 2.8419% | 1799 | 0.135006 | 7.407056 | 2.7485% | 1798 |
| 0.131395 | 7.610635 | 2.8261% | 1797 | 0.127784 | 7.825722 | 3.7832% | 1796 |
| 0.123126 | 8.121785 | 2.1272% | 1795 | 0.120561 | 8.294552 | 3.0879% | 1794 |
| 0.116950 | 8.550682 | 3.1625% | 1793 | 0.113365 | 8.821099 | 3.2904% | 1792 |
| 0.109753 | 9.111350 | 3.4024% | 1791 | 0.106142 | 9.421351 | 3.2296% | 1790 |
| 0.102821 | 9.725620 | 41.3145% | 1780 | 0.072761 | 13.743706 | 29.4353% | 1770 |
| 0.056214 | 17.789209 | 83.4728% | 1750 | 0.030639 | 32.638367 | 29.2845% | 1740 |
| 0.023699 | 42.196334 | 94.2514% | 1720 | 0.012200 | 81.966967 | 85.8111% | 1700 |
| 0.006566 | 152.303707 | 19.2490% | 1690 | 0.005506 | 181.620722 | 88.0250% | |
| 1670 | 0.002928 | 341.492404 | | | | | |

BASE YEAR: 1867

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 8.064810 | 0.123995 | 8.2857% | 2001 | 7.447718 | 0.134269 | 1.0000% |
| 2000 | 7.373977 | 0.135612 | 1.0000% | 1999 | 7.300968 | 0.136968 | 1.0000% |
| 1998 | 7.228681 | 0.138338 | 1.0000% | 1997 | 7.157110 | 0.139721 | 1.0000% |
| 1996 | 7.086247 | 0.141118 | 1.0000% | 1995 | 7.016086 | 0.142530 | 0.9992% |
| 1994 | 6.946674 | 0.143954 | 1.0008% | 1993 | 6.877842 | 0.145394 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 6.809744 | 0.146848 | 0.9295% | 1991 | 6.747030 | 0.148213 | 1.2505% | 1990 |
| 6.663700 | 0.150067 | 0.7224% | 1989 | 6.615903 | 0.151151 | 1.1077% | 1988 |
| 6.543424 | 0.152825 | 0.8834% | 1987 | 6.486127 | 0.154175 | 0.5594% | 1986 |
| 6.450048 | 0.155038 | 1.3056% | 1985 | 6.366920 | 0.157062 | 0.7673% | 1984 |
| 6.318440 | 0.158267 | 0.8149% | 1983 | 6.267364 | 0.159557 | 0.9737% | 1982 |
| 6.206924 | 0.161110 | 0.9508% | 1981 | 6.148464 | 0.162642 | 0.9031% | 1980 |
| 6.093437 | 0.164111 | 2.2701% | 1979 | 5.958182 | 0.167836 | 1.0042% | 1978 |
| 5.898946 | 0.169522 | 0.9896% | 1977 | 5.841141 | 0.171199 | 0.9103% | 1976 |
| 5.788447 | 0.172758 | 0.8394% | 1975 | 5.740261 | 0.174208 | 0.9042% | 1974 |
| 5.688824 | 0.175783 | 1.1568% | 1973 | 5.623769 | 0.177817 | 0.9427% | 1972 |
| 5.571249 | 0.179493 | 0.7426% | 1971 | 5.530180 | 0.180826 | 1.4697% | 1970 |
| 5.450078 | 0.183484 | 0.6968% | 1969 | 5.412364 | 0.184762 | 0.8565% | 1968 |
| 5.366398 | 0.186345 | 1.5090% | 1967 | 5.286621 | 0.189157 | 0.9949% | 1966 |
| 5.234542 | 0.191039 | 1.0575% | 1965 | 5.179768 | 0.193059 | 1.1300% | 1964 |
| 5.121890 | 0.195240 | 1.5537% | 1963 | 5.043531 | 0.198274 | 1.4658% | 1962 |
| 4.970670 | 0.201180 | 1.5364% | 1961 | 4.895454 | 0.204271 | 2.1586% | 1960 |
| 4.792012 | 0.208681 | -1.6655% | 1959 | 4.873174 | 0.205205 | 4.3080% | 1958 |
| 4.671908 | 0.214045 | 2.1130% | 1957 | 4.575235 | 0.218568 | 1.9895% | 1956 |
| 4.485987 | 0.222916 | 2.1231% | 1955 | 4.392725 | 0.227649 | 1.4496% | 1954 |
| 4.329958 | 0.230949 | 2.1573% | 1953 | 4.238522 | 0.235931 | 1.2298% | 1952 |
| 4.187032 | 0.238833 | 1.6814% | 1951 | 4.117796 | 0.242848 | 1.6233% | 1950 |
| 4.052021 | 0.246790 | 1.4265% | 1949 | 3.995030 | 0.250311 | 1.7790% | 1948 |
| 3.925199 | 0.254764 | 1.8242% | 1947 | 3.854880 | 0.259411 | -2.6320% | 1946 |
| 3.959085 | 0.252584 | 3.1768% | 1945 | 3.837185 | 0.260608 | 6.4754% | 1944 |
| 3.603822 | 0.277483 | -0.3437% | 1943 | 3.616251 | 0.276530 | 0.6562% | 1942 |
| 3.592675 | 0.278344 | 0.6633% | 1941 | 3.569001 | 0.280190 | -5.6614% | 1940 |
| 3.783184 | 0.264328 | 8.0381% | 1939 | 3.501712 | 0.285575 | 0.8126% | 1938 |
| 3.473486 | 0.287895 | 0.7762% | 1937 | 3.446731 | 0.290130 | 0.6029% | 1936 |
| 3.426076 | 0.291879 | 0.5244% | 1935 | 3.408203 | 0.293410 | -3.0364% | 1934 |
| 3.514929 | 0.284501 | 4.6271% | 1933 | 3.359482 | 0.297665 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.313356 | 0.301809 | -0.2051% | 1931 | 3.320165 | 0.301190 | 0.8886% | 1930 |
| 3.290922 | 0.303866 | 1.0126% | 1929 | 3.257933 | 0.306943 | 1.1526% | 1928 |
| 3.220810 | 0.310481 | 1.2160% | 1927 | 3.182116 | 0.314256 | 1.4086% | 1926 |
| 3.137915 | 0.318683 | 1.7667% | 1925 | 3.083441 | 0.324313 | 1.4465% | 1924 |
| 3.039475 | 0.329004 | 1.7700% | 1923 | 2.986612 | 0.334828 | 1.6165% | 1922 |
| 2.939101 | 0.340240 | 1.3736% | 1921 | 2.899275 | 0.344914 | 2.3393% | 1920 |
| 2.833003 | 0.352982 | 1.3140% | 1919 | 2.796260 | 0.357621 | 0.7676% | 1918 |
| 2.774958 | 0.360366 | 0.3870% | 1917 | 2.764260 | 0.361760 | 1.3274% | 1916 |
| 2.728047 | 0.366563 | 1.4083% | 1915 | 2.690162 | 0.371725 | 1.4458% | 1914 |
| 2.651822 | 0.377099 | 1.9424% | 1913 | 2.601295 | 0.384424 | 1.9857% | 1912 |
| 2.550647 | 0.392057 | 1.5634% | 1911 | 2.511384 | 0.398187 | 1.8169% | 1910 |
| 2.466569 | 0.405421 | 1.8781% | 1909 | 2.421099 | 0.413036 | 2.0082% | 1908 |
| 2.373435 | 0.421330 | 1.9603% | 1907 | 2.327804 | 0.429589 | 1.8264% | 1906 |
| 2.286053 | 0.437435 | 1.9357% | 1905 | 2.242642 | 0.445903 | 2.0148% | 1904 |
| 2.198349 | 0.454887 | 2.1335% | 1903 | 2.152427 | 0.464592 | 1.8151% | 1902 |
| 2.114053 | 0.473025 | 1.8943% | 1901 | 2.074750 | 0.481986 | 3.0255% | 1900 |
| 2.013822 | 0.496568 | 0.6278% | 1899 | 2.001257 | 0.499686 | 1.7757% | 1898 |
| 1.966342 | 0.508559 | 1.8078% | 1897 | 1.931427 | 0.517752 | 1.8396% | 1896 |
| 1.896538 | 0.527277 | 1.8755% | 1895 | 1.861622 | 0.537166 | 1.9114% | 1894 |
| 1.826707 | 0.547433 | 1.9486% | 1893 | 1.791792 | 0.558101 | 1.9858% | 1892 |
| 1.756903 | 0.569183 | 2.0276% | 1891 | 1.721987 | 0.580724 | 2.6465% | 1890 |
| 1.677590 | 0.596093 | 1.5328% | 1889 | 1.652263 | 0.605230 | 2.0811% | 1888 |
| 1.618579 | 0.617826 | 2.1599% | 1887 | 1.584359 | 0.631170 | 2.2075% | 1886 |
| 1.550139 | 0.645103 | 2.2592% | 1885 | 1.515893 | 0.659677 | 2.3095% | 1884 |
| 1.481673 | 0.674913 | 2.3641% | 1883 | 1.447453 | 0.690869 | 2.4214% | 1882 |
| 1.413233 | 0.707597 | 2.4815% | 1881 | 1.379013 | 0.725156 | 3.7644% | 1880 |
| 1.328985 | 0.752454 | 0.9432% | 1879 | 1.316567 | 0.759551 | 2.1464% | 1878 |
| 1.288902 | 0.775854 | 2.1913% | 1877 | 1.261264 | 0.792855 | 2.2426% | 1876 |
| 1.233599 | 0.810636 | 2.2941% | 1875 | 1.205934 | 0.829233 | 2.3456% | 1874 |
| 1.178296 | 0.848683 | 2.4043% | 1873 | 1.150631 | 0.869088 | 2.4635% | 1872 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.122967 | 0.890498 | 2.5258% | 1871 | 1.095302 | 0.912990 | 5.9947% | 1870 |
| 1.033355 | 0.967721 | -1.0968% | 1869 | 1.044815 | 0.957107 | 2.1930% | 1868 |
| 1.022394 | 0.978096 | 2.2394% | 1867 | 1.000000 | 1.000000 | 2.2935% | 1866 |
| 0.977579 | 1.022935 | 2.3445% | 1865 | 0.955185 | 1.046917 | 2.4037% | 1864 |
| 0.932764 | 1.072082 | 2.4599% | 1863 | 0.910370 | 1.098454 | 2.5250% | 1862 |
| 0.887949 | 1.126190 | 2.5872% | 1861 | 0.865555 | 1.155328 | 2.9504% | 1860 |
| 0.840750 | 1.189414 | 2.4012% | 1859 | 0.821035 | 1.217975 | 2.7627% | 1858 |
| 0.798962 | 1.251624 | 2.8412% | 1857 | 0.776889 | 1.287185 | 2.9243% | 1856 |
| 0.754816 | 1.324826 | 3.0161% | 1855 | 0.732716 | 1.364785 | 3.1061% | 1854 |
| 0.710643 | 1.407176 | 3.2056% | 1853 | 0.688570 | 1.452285 | 3.3118% | 1852 |
| 0.666497 | 1.500381 | 3.4252% | 1851 | 0.644424 | 1.551773 | 4.0106% | 1850 |
| 0.619576 | 1.614008 | 2.3254% | 1849 | 0.605496 | 1.651540 | 2.7841% | 1848 |
| 0.589095 | 1.697520 | 2.8590% | 1847 | 0.572720 | 1.746053 | 2.9432% | 1846 |
| 0.556346 | 1.797442 | 3.0324% | 1845 | 0.539972 | 1.851947 | 3.1325% | 1844 |
| 0.523571 | 1.909960 | 3.2284% | 1843 | 0.507197 | 1.971620 | 3.3361% | 1842 |
| 0.490823 | 2.037394 | 3.4512% | 1841 | 0.474449 | 2.107709 | 3.8105% | 1840 |
| 0.457034 | 2.188023 | 2.3861% | 1839 | 0.446383 | 2.240230 | 2.5824% | 1838 |
| 0.435146 | 2.298082 | 2.6573% | 1837 | 0.423882 | 2.359149 | 2.7232% | 1836 |
| 0.412644 | 2.423394 | 2.7994% | 1835 | 0.401407 | 2.491235 | 2.8871% | 1834 |
| 0.390143 | 2.563160 | 2.9657% | 1833 | 0.378906 | 2.639175 | 3.0563% | 1832 |
| 0.367669 | 2.719837 | 3.1604% | 1831 | 0.356405 | 2.805795 | 3.4660% | 1830 |
| 0.344466 | 2.903043 | 2.4653% | 1829 | 0.336178 | 2.974612 | 2.6804% | 1828 |
| 0.327403 | 3.054343 | 10.3427% | 1827 | 0.296714 | 3.370243 | -4.2314% | 1826 |
| 0.309824 | 3.227634 | 2.9150% | 1825 | 0.301049 | 3.321721 | 3.0026% | 1824 |
| 0.292273 | 3.421457 | 3.0955% | 1823 | 0.283497 | 3.527369 | 3.1944% | 1822 |
| 0.274722 | 3.640047 | 3.3102% | 1821 | 0.265919 | 3.760539 | 3.2277% | 1820 |
| 0.257605 | 3.881920 | 2.6573% | 1819 | 0.250936 | 3.985073 | 2.6261% | 1818 |
| 0.244515 | 4.089725 | 2.6969% | 1817 | 0.238094 | 4.200022 | 2.7717% | 1816 |
| 0.231673 | 4.316434 | 2.8507% | 1815 | 0.225251 | 4.439482 | 2.9343% | 1814 |
| 0.218830 | 4.569752 | 3.0231% | 1813 | 0.212409 | 4.707898 | 3.1039% | 1812 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.206015 | 4.854026 | 3.2172% | 1811 | 0.199593 | 5.010188 | 3.0969% | 1810 |
| 0.193598 | 5.165349 | 2.9144% | 1809 | 0.188115 | 5.315887 | 2.8225% | 1808 |
| 0.182952 | 5.465926 | 2.9199% | 1807 | 0.177761 | 5.625527 | 2.9918% | 1806 |
| 0.172597 | 5.793830 | 3.0841% | 1805 | 0.167434 | 5.972515 | 3.1822% | 1804 |
| 0.162270 | 6.162572 | 3.2868% | 1803 | 0.157106 | 6.365123 | 3.3985% | 1802 |
| 0.151942 | 6.581440 | 3.5180% | 1801 | 0.146779 | 6.812978 | 3.3999% | 1800 |
| 0.141952 | 7.044616 | 2.8419% | 1799 | 0.138030 | 7.244815 | 2.7485% | 1798 |
| 0.134338 | 7.443935 | 2.8261% | 1797 | 0.130645 | 7.654311 | 3.7832% | 1796 |
| 0.125883 | 7.943889 | 2.1272% | 1795 | 0.123261 | 8.112872 | 3.0879% | 1794 |
| 0.119569 | 8.363392 | 3.1625% | 1793 | 0.115903 | 8.627886 | 3.2904% | 1792 |
| 0.112211 | 8.911779 | 3.4024% | 1791 | 0.108519 | 9.214990 | 3.2296% | 1790 |
| 0.105124 | 9.512594 | 41.3145% | 1780 | 0.074390 | 13.442670 | 29.4353% | 1770 |
| 0.057473 | 17.399562 | 83.4728% | 1750 | 0.031325 | 31.923471 | 29.2845% | 1740 |
| 0.024229 | 41.272085 | 94.2514% | 1720 | 0.012473 | 80.171600 | 85.8111% | 1700 |
| 0.006713 | 148.967716 | 19.2490% | 1690 | 0.005629 | 177.642586 | 88.0250% | |
| 1670 | 0.002994 | 334.012511 | | | | | |

BASE YEAR: 1866

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 8.249777 | 0.121215 | 8.2857% | 2001 | 7.618531 | 0.131259 | 1.0000% |
| 2000 | 7.543100 | 0.132571 | 1.0000% | 1999 | 7.468415 | 0.133897 | 1.0000% |
| 1998 | 7.394471 | 0.135236 | 1.0000% | 1997 | 7.321258 | 0.136589 | 1.0000% |
| 1996 | 7.248770 | 0.137954 | 1.0000% | 1995 | 7.177000 | 0.139334 | 0.9992% |
| 1994 | 7.105996 | 0.140726 | 1.0008% | 1993 | 7.035585 | 0.142135 | 1.0000% |
| 1992 | 6.965926 | 0.143556 | 0.9295% | 1991 | 6.901773 | 0.144890 | 1.2505% |
| 1990 | 6.816532 | 0.146702 | 0.7224% | 1989 | 6.767639 | 0.147762 | 1.1077% |
| 1988 | 6.693497 | 0.149399 | 0.8834% | 1987 | 6.634887 | 0.150718 | 0.5594% |
| 1986 | 6.597980 | 0.151562 | 1.3056% | 1985 | 6.512945 | 0.153540 | 0.7673% |
| 1984 | 6.463353 | 0.154718 | 0.8149% | 1983 | 6.411106 | 0.155979 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 6.349280 | 0.157498 | 0.9508% | 1981 | 6.289479 | 0.158996 | 0.9031% | 1980 |
| 6.233190 | 0.160432 | 2.2701% | 1979 | 6.094833 | 0.164073 | 1.0042% | 1978 |
| 6.034238 | 0.165721 | 0.9896% | 1977 | 5.975108 | 0.167361 | 0.9103% | 1976 |
| 5.921205 | 0.168885 | 0.8394% | 1975 | 5.871914 | 0.170302 | 0.9042% | 1974 |
| 5.819298 | 0.171842 | 1.1568% | 1973 | 5.752751 | 0.173830 | 0.9427% | 1972 |
| 5.699026 | 0.175469 | 0.7426% | 1971 | 5.657015 | 0.176772 | 1.4697% | 1970 |
| 5.575076 | 0.179370 | 0.6968% | 1969 | 5.536496 | 0.180620 | 0.8565% | 1968 |
| 5.489477 | 0.182167 | 1.5090% | 1967 | 5.407870 | 0.184916 | 0.9949% | 1966 |
| 5.354597 | 0.186755 | 1.0575% | 1965 | 5.298566 | 0.188730 | 1.1300% | 1964 |
| 5.239360 | 0.190863 | 1.5537% | 1963 | 5.159204 | 0.193828 | 1.4658% | 1962 |
| 5.084672 | 0.196670 | 1.5364% | 1961 | 5.007732 | 0.199691 | 2.1586% | 1960 |
| 4.901917 | 0.204002 | -1.6655% | 1959 | 4.984940 | 0.200604 | 4.3080% | 1958 |
| 4.779059 | 0.209246 | 2.1130% | 1957 | 4.680169 | 0.213668 | 1.9895% | 1956 |
| 4.588873 | 0.217918 | 2.1231% | 1955 | 4.493473 | 0.222545 | 1.4496% | 1954 |
| 4.429265 | 0.225771 | 2.1573% | 1953 | 4.335733 | 0.230642 | 1.2298% | 1952 |
| 4.283061 | 0.233478 | 1.6814% | 1951 | 4.212238 | 0.237403 | 1.6233% | 1950 |
| 4.144954 | 0.241257 | 1.4265% | 1949 | 4.086656 | 0.244699 | 1.7790% | 1948 |
| 4.015224 | 0.249052 | 1.8242% | 1947 | 3.943292 | 0.253595 | -2.6320% | 1946 |
| 4.049886 | 0.246921 | 3.1768% | 1945 | 3.925191 | 0.254765 | 6.4754% | 1944 |
| 3.686476 | 0.271262 | -0.3437% | 1943 | 3.699189 | 0.270329 | 0.6562% | 1942 |
| 3.675073 | 0.272103 | 0.6633% | 1941 | 3.650857 | 0.273908 | -5.6614% | 1940 |
| 3.869951 | 0.258401 | 8.0381% | 1939 | 3.582024 | 0.279172 | 0.8126% | 1938 |
| 3.553150 | 0.281440 | 0.7762% | 1937 | 3.525781 | 0.283625 | 0.6029% | 1936 |
| 3.504653 | 0.285335 | 0.5244% | 1935 | 3.486370 | 0.286831 | -3.0364% | 1934 |
| 3.595544 | 0.278122 | 4.6271% | 1933 | 3.436532 | 0.290991 | 1.3921% | 1932 |
| 3.389348 | 0.295042 | -0.2051% | 1931 | 3.396313 | 0.294437 | 0.8886% | 1930 |
| 3.366400 | 0.297053 | 1.0126% | 1929 | 3.332654 | 0.300061 | 1.1526% | 1928 |
| 3.294680 | 0.303520 | 1.2160% | 1927 | 3.255097 | 0.307210 | 1.4086% | 1926 |
| 3.209884 | 0.311538 | 1.7667% | 1925 | 3.154160 | 0.317042 | 1.4465% | 1924 |
| 3.109185 | 0.321628 | 1.7700% | 1923 | 3.055110 | 0.327320 | 1.6165% | 1922 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 3.006510 | 0.332612 | 1.3736% | 1921 | 2.965770 | 0.337181 | 2.3393% | 1920 |
| 2.897978 | 0.345068 | 1.3140% | 1919 | 2.860392 | 0.349602 | 0.7676% | 1918 |
| 2.838602 | 0.352286 | 0.3870% | 1917 | 2.827659 | 0.353649 | 1.3274% | 1916 |
| 2.790615 | 0.358344 | 1.4083% | 1915 | 2.751861 | 0.363390 | 1.4458% | 1914 |
| 2.712642 | 0.368644 | 1.9424% | 1913 | 2.660956 | 0.375805 | 1.9857% | 1912 |
| 2.609147 | 0.383267 | 1.5634% | 1911 | 2.568983 | 0.389259 | 1.8169% | 1910 |
| 2.523140 | 0.396332 | 1.8781% | 1909 | 2.476627 | 0.403775 | 2.0082% | 1908 |
| 2.427870 | 0.411884 | 1.9603% | 1907 | 2.381192 | 0.419958 | 1.8264% | 1906 |
| 2.338483 | 0.427628 | 1.9357% | 1905 | 2.294077 | 0.435905 | 2.0148% | 1904 |
| 2.248768 | 0.444688 | 2.1335% | 1903 | 2.201793 | 0.454175 | 1.8151% | 1902 |
| 2.162539 | 0.462419 | 1.8943% | 1901 | 2.122335 | 0.471179 | 3.0255% | 1900 |
| 2.060009 | 0.485435 | 0.6278% | 1899 | 2.047156 | 0.488482 | 1.7757% | 1898 |
| 2.011440 | 0.497156 | 1.8078% | 1897 | 1.975724 | 0.506144 | 1.8396% | 1896 |
| 1.940035 | 0.515455 | 1.8755% | 1895 | 1.904319 | 0.525122 | 1.9114% | 1894 |
| 1.868603 | 0.535159 | 1.9486% | 1893 | 1.832886 | 0.545588 | 1.9858% | 1892 |
| 1.797197 | 0.556422 | 2.0276% | 1891 | 1.761481 | 0.567704 | 2.6465% | 1890 |
| 1.716065 | 0.582728 | 1.5328% | 1889 | 1.690158 | 0.591661 | 2.0811% | 1888 |
| 1.655701 | 0.603974 | 2.1599% | 1887 | 1.620696 | 0.617019 | 2.2075% | 1886 |
| 1.585692 | 0.630640 | 2.2592% | 1885 | 1.550660 | 0.644887 | 2.3095% | 1884 |
| 1.515655 | 0.659781 | 2.3641% | 1883 | 1.480650 | 0.675379 | 2.4214% | 1882 |
| 1.445646 | 0.691732 | 2.4815% | 1881 | 1.410641 | 0.708898 | 3.7644% | 1880 |
| 1.359465 | 0.735583 | 0.9432% | 1879 | 1.346762 | 0.742522 | 2.1464% | 1878 |
| 1.318463 | 0.758459 | 2.1913% | 1877 | 1.290191 | 0.775079 | 2.2426% | 1876 |
| 1.261892 | 0.792461 | 2.2941% | 1875 | 1.233592 | 0.810641 | 2.3456% | 1874 |
| 1.205320 | 0.829655 | 2.4043% | 1873 | 1.177021 | 0.849602 | 2.4635% | 1872 |
| 1.148722 | 0.870533 | 2.5258% | 1871 | 1.120423 | 0.892520 | 5.9947% | 1870 |
| 1.057056 | 0.946024 | -1.0968% | 1869 | 1.068778 | 0.935648 | 2.1930% | 1868 |
| 1.045843 | 0.956167 | 2.2394% | 1867 | 1.022935 | 0.977579 | 2.2935% | 1866 |
| 1.000000 | 1.000000 | 2.3445% | 1865 | 0.977092 | 1.023445 | 2.4037% | 1864 |
| 0.954157 | 1.048045 | 2.4599% | 1863 | 0.931250 | 1.073826 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.908315 | 1.100940 | 2.5872% | 1861 | 0.885407 | 1.129424 | 2.9504% | 1860 |
| 0.860033 | 1.162747 | 2.4012% | 1859 | 0.839865 | 1.190667 | 2.7627% | 1858 |
| 0.817286 | 1.223562 | 2.8412% | 1857 | 0.794707 | 1.258326 | 2.9243% | 1856 |
| 0.772128 | 1.295123 | 3.0161% | 1855 | 0.749521 | 1.334185 | 3.1061% | 1854 |
| 0.726942 | 1.375626 | 3.2056% | 1853 | 0.704363 | 1.419723 | 3.3118% | 1852 |
| 0.681783 | 1.466742 | 3.4252% | 1851 | 0.659204 | 1.516981 | 4.0106% | 1850 |
| 0.633785 | 1.577821 | 2.3254% | 1849 | 0.619383 | 1.614511 | 2.7841% | 1848 |
| 0.602606 | 1.659460 | 2.8590% | 1847 | 0.585856 | 1.706905 | 2.9432% | 1846 |
| 0.569106 | 1.757141 | 3.0324% | 1845 | 0.552356 | 1.810425 | 3.1325% | 1844 |
| 0.535579 | 1.867137 | 3.2284% | 1843 | 0.518830 | 1.927415 | 3.3361% | 1842 |
| 0.502080 | 1.991714 | 3.4512% | 1841 | 0.485330 | 2.060452 | 3.8105% | 1840 |
| 0.467516 | 2.138966 | 2.3861% | 1839 | 0.456621 | 2.190002 | 2.5824% | 1838 |
| 0.445126 | 2.246557 | 2.6573% | 1837 | 0.433603 | 2.306255 | 2.7232% | 1836 |
| 0.422108 | 2.369059 | 2.7994% | 1835 | 0.410614 | 2.435380 | 2.8871% | 1834 |
| 0.399091 | 2.505692 | 2.9657% | 1833 | 0.387596 | 2.580003 | 3.0563% | 1832 |
| 0.376102 | 2.658856 | 3.1604% | 1831 | 0.364579 | 2.742887 | 3.4660% | 1830 |
| 0.352366 | 2.837955 | 2.4653% | 1829 | 0.343889 | 2.907919 | 2.6804% | 1828 |
| 0.334912 | 2.985863 | 10.3427% | 1827 | 0.303520 | 3.294680 | -4.2314% | 1826 |
| 0.316930 | 3.155268 | 2.9150% | 1825 | 0.307953 | 3.247245 | 3.0026% | 1824 |
| 0.298976 | 3.344746 | 3.0955% | 1823 | 0.289999 | 3.448282 | 3.1944% | 1822 |
| 0.281022 | 3.558434 | 3.3102% | 1821 | 0.272018 | 3.676225 | 3.2277% | 1820 |
| 0.263513 | 3.794884 | 2.6573% | 1819 | 0.256692 | 3.895724 | 2.6261% | 1818 |
| 0.250123 | 3.998030 | 2.6969% | 1817 | 0.243555 | 4.105855 | 2.7717% | 1816 |
| 0.236986 | 4.219656 | 2.8507% | 1815 | 0.230418 | 4.339945 | 2.9343% | 1814 |
| 0.223849 | 4.467294 | 3.0231% | 1813 | 0.217281 | 4.602343 | 3.1039% | 1812 |
| 0.210740 | 4.745195 | 3.2172% | 1811 | 0.204171 | 4.897855 | 3.0969% | 1810 |
| 0.198038 | 5.049538 | 2.9144% | 1809 | 0.192430 | 5.196700 | 2.8225% | 1808 |
| 0.187148 | 5.343375 | 2.9199% | 1807 | 0.181838 | 5.499398 | 2.9918% | 1806 |
| 0.176556 | 5.663928 | 3.0841% | 1805 | 0.171274 | 5.838607 | 3.1822% | 1804 |
| 0.165992 | 6.024402 | 3.2868% | 1803 | 0.160709 | 6.222411 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.155427 | 6.433879 | 3.5180% | 1801 | 0.150145 | 6.660226 | 3.3999% | 1800 |
| 0.145208 | 6.886670 | 2.8419% | 1799 | 0.141195 | 7.082380 | 2.7485% | 1798 |
| 0.137419 | 7.277036 | 2.8261% | 1797 | 0.133642 | 7.482695 | 3.7832% | 1796 |
| 0.128770 | 7.765781 | 2.1272% | 1795 | 0.126088 | 7.930975 | 3.0879% | 1794 |
| 0.122311 | 8.175878 | 3.1625% | 1793 | 0.118561 | 8.434441 | 3.2904% | 1792 |
| 0.114785 | 8.711969 | 3.4024% | 1791 | 0.111008 | 9.008383 | 3.2296% | 1790 |
| 0.107535 | 9.299314 | 41.3145% | 1780 | 0.076096 | 13.141275 | 29.4353% | 1770 |
| 0.058791 | 17.009450 | 83.4728% | 1750 | 0.032043 | 31.207721 | 29.2845% | 1740 |
| 0.024785 | 40.346731 | 94.2514% | 1720 | 0.012759 | 78.374088 | 85.8111% | 1700 |
| 0.006867 | 145.627740 | 19.2490% | 1690 | 0.005758 | 173.659696 | 88.0250% | 1670 |
| 0.003063 | 326.523682 | | | | | | |

BASE YEAR: 1865

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 8.443191 | 0.118439 | 8.2857% | 2001 | 7.797146 | 0.128252 | 1.0000% |
| 2000 | 7.719945 | 0.129535 | 1.0000% | 1999 | 7.643510 | 0.130830 | 1.0000% |
| 1998 | 7.567832 | 0.132138 | 1.0000% | 1997 | 7.492903 | 0.133460 | 1.0000% |
| 1996 | 7.418716 | 0.134794 | 1.0000% | 1995 | 7.345263 | 0.136142 | 0.9992% |
| 1994 | 7.272594 | 0.137503 | 1.0008% | 1993 | 7.200532 | 0.138879 | 1.0000% |
| 1992 | 7.129240 | 0.140267 | 0.9295% | 1991 | 7.063584 | 0.141571 | 1.2505% |
| 1990 | 6.976343 | 0.143342 | 0.7224% | 1989 | 6.926305 | 0.144377 | 1.1077% |
| 1988 | 6.850424 | 0.145976 | 0.8834% | 1987 | 6.790440 | 0.147266 | 0.5594% |
| 1986 | 6.752668 | 0.148090 | 1.3056% | 1985 | 6.665640 | 0.150023 | 0.7673% |
| 1984 | 6.614885 | 0.151174 | 0.8149% | 1983 | 6.561413 | 0.152406 | 0.9737% |
| 1982 | 6.498137 | 0.153890 | 0.9508% | 1981 | 6.436935 | 0.155353 | 0.9031% |
| 1980 | 6.379325 | 0.156756 | 2.2701% | 1979 | 6.237724 | 0.160315 | 1.0042% |
| 1978 | 6.175709 | 0.161925 | 0.9896% | 1977 | 6.115193 | 0.163527 | 0.9103% |
| 1976 | 6.060026 | 0.165016 | 0.8394% | 1975 | 6.009580 | 0.166401 | 0.9042% |
| 1974 | 5.955730 | 0.167906 | 1.1568% | 1973 | 5.887622 | 0.169848 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.832638 | 0.171449 | 0.7426% | 1971 | 5.789642 | 0.172722 | 1.4697% | 1970 |
| 5.705782 | 0.175261 | 0.6968% | 1969 | 5.666298 | 0.176482 | 0.8565% | 1968 |
| 5.618176 | 0.177994 | 1.5090% | 1967 | 5.534656 | 0.180680 | 0.9949% | 1966 |
| 5.480134 | 0.182477 | 1.0575% | 1965 | 5.422789 | 0.184407 | 1.1300% | 1964 |
| 5.362196 | 0.186491 | 1.5537% | 1963 | 5.280160 | 0.189388 | 1.4658% | 1962 |
| 5.203881 | 0.192164 | 1.5364% | 1961 | 5.125137 | 0.195117 | 2.1586% | 1960 |
| 5.016841 | 0.199329 | -1.6655% | 1959 | 5.101811 | 0.196009 | 4.3080% | 1958 |
| 4.891102 | 0.204453 | 2.1130% | 1957 | 4.789894 | 0.208773 | 1.9895% | 1956 |
| 4.696458 | 0.212926 | 2.1231% | 1955 | 4.598821 | 0.217447 | 1.4496% | 1954 |
| 4.533108 | 0.220599 | 2.1573% | 1953 | 4.437383 | 0.225358 | 1.2298% | 1952 |
| 4.383477 | 0.228129 | 1.6814% | 1951 | 4.310993 | 0.231965 | 1.6233% | 1950 |
| 4.242131 | 0.235731 | 1.4265% | 1949 | 4.182467 | 0.239093 | 1.7790% | 1948 |
| 4.109360 | 0.243347 | 1.8242% | 1947 | 4.035741 | 0.247786 | -2.6320% | 1946 |
| 4.144835 | 0.241264 | 3.1768% | 1945 | 4.017216 | 0.248929 | 6.4754% | 1944 |
| 3.772905 | 0.265048 | -0.3437% | 1943 | 3.785916 | 0.264137 | 0.6562% | 1942 |
| 3.761234 | 0.265870 | 0.6633% | 1941 | 3.736450 | 0.267634 | -5.6614% | 1940 |
| 3.960681 | 0.252482 | 8.0381% | 1939 | 3.666004 | 0.272777 | 0.8126% | 1938 |
| 3.636453 | 0.274993 | 0.7762% | 1937 | 3.608442 | 0.277128 | 0.6029% | 1936 |
| 3.586818 | 0.278799 | 0.5244% | 1935 | 3.568107 | 0.280261 | -3.0364% | 1934 |
| 3.679841 | 0.271751 | 4.6271% | 1933 | 3.517100 | 0.284325 | 1.3921% | 1932 |
| 3.468810 | 0.288283 | -0.2051% | 1931 | 3.475939 | 0.287692 | 0.8886% | 1930 |
| 3.445324 | 0.290248 | 1.0126% | 1929 | 3.410787 | 0.293187 | 1.1526% | 1928 |
| 3.371922 | 0.296567 | 1.2160% | 1927 | 3.331412 | 0.300173 | 1.4086% | 1926 |
| 3.285138 | 0.304401 | 1.7667% | 1925 | 3.228108 | 0.309779 | 1.4465% | 1924 |
| 3.182079 | 0.314260 | 1.7700% | 1923 | 3.126737 | 0.319822 | 1.6165% | 1922 |
| 3.076996 | 0.324992 | 1.3736% | 1921 | 3.035302 | 0.329456 | 2.3393% | 1920 |
| 2.965920 | 0.337164 | 1.3140% | 1919 | 2.927453 | 0.341594 | 0.7676% | 1918 |
| 2.905152 | 0.344216 | 0.3870% | 1917 | 2.893953 | 0.345548 | 1.3274% | 1916 |
| 2.856040 | 0.350135 | 1.4083% | 1915 | 2.816378 | 0.355066 | 1.4458% | 1914 |
| 2.776239 | 0.360200 | 1.9424% | 1913 | 2.723341 | 0.367196 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.670317 | 0.374487 | 1.5634% | 1911 | 2.629212 | 0.380342 | 1.8169% | 1910 |
| 2.582294 | 0.387253 | 1.8781% | 1909 | 2.534691 | 0.394525 | 2.0082% | 1908 |
| 2.484790 | 0.402448 | 1.9603% | 1907 | 2.437019 | 0.410337 | 1.8264% | 1906 |
| 2.393308 | 0.417832 | 1.9357% | 1905 | 2.347861 | 0.425920 | 2.0148% | 1904 |
| 2.301490 | 0.434501 | 2.1335% | 1903 | 2.253413 | 0.443771 | 1.8151% | 1902 |
| 2.213239 | 0.451826 | 1.8943% | 1901 | 2.172092 | 0.460386 | 3.0255% | 1900 |
| 2.108306 | 0.474315 | 0.6278% | 1899 | 2.095151 | 0.477292 | 1.7757% | 1898 |
| 2.058598 | 0.485768 | 1.8078% | 1897 | 2.022044 | 0.494549 | 1.8396% | 1896 |
| 1.985519 | 0.503647 | 1.8755% | 1895 | 1.948965 | 0.513093 | 1.9114% | 1894 |
| 1.912411 | 0.522900 | 1.9486% | 1893 | 1.875858 | 0.533089 | 1.9858% | 1892 |
| 1.839332 | 0.543676 | 2.0276% | 1891 | 1.802779 | 0.554699 | 2.6465% | 1890 |
| 1.756298 | 0.569379 | 1.5328% | 1889 | 1.729783 | 0.578107 | 2.0811% | 1888 |
| 1.694518 | 0.590138 | 2.1599% | 1887 | 1.658693 | 0.602884 | 2.2075% | 1886 |
| 1.622868 | 0.616193 | 2.2592% | 1885 | 1.587014 | 0.630114 | 2.3095% | 1884 |
| 1.551189 | 0.644667 | 2.3641% | 1883 | 1.515364 | 0.659908 | 2.4214% | 1882 |
| 1.479538 | 0.675886 | 2.4815% | 1881 | 1.443713 | 0.692658 | 3.7644% | 1880 |
| 1.391338 | 0.718733 | 0.9432% | 1879 | 1.378337 | 0.725512 | 2.1464% | 1878 |
| 1.349374 | 0.741084 | 2.1913% | 1877 | 1.320439 | 0.757324 | 2.2426% | 1876 |
| 1.291476 | 0.774308 | 2.2941% | 1875 | 1.262514 | 0.792071 | 2.3456% | 1874 |
| 1.233579 | 0.810649 | 2.4043% | 1873 | 1.204616 | 0.830140 | 2.4635% | 1872 |
| 1.175653 | 0.850591 | 2.5258% | 1871 | 1.146691 | 0.872075 | 5.9947% | 1870 |
| 1.081838 | 0.924353 | -1.0968% | 1869 | 1.093835 | 0.914215 | 2.1930% | 1868 |
| 1.070362 | 0.934263 | 2.2394% | 1867 | 1.046917 | 0.955185 | 2.2935% | 1866 |
| 1.023445 | 0.977092 | 2.3445% | 1865 | 1.000000 | 1.000000 | 2.4037% | 1864 |
| 0.976527 | 1.024037 | 2.4599% | 1863 | 0.953083 | 1.049227 | 2.5250% | 1862 |
| 0.929610 | 1.075720 | 2.5872% | 1861 | 0.906165 | 1.103552 | 2.9504% | 1860 |
| 0.880196 | 1.136111 | 2.4012% | 1859 | 0.859556 | 1.163392 | 2.7627% | 1858 |
| 0.836447 | 1.195533 | 2.8412% | 1857 | 0.813339 | 1.229500 | 2.9243% | 1856 |
| 0.790230 | 1.265454 | 3.0161% | 1855 | 0.767093 | 1.303622 | 3.1061% | 1854 |
| 0.743985 | 1.344114 | 3.2056% | 1853 | 0.720876 | 1.387201 | 3.3118% | 1852 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 0.697768 | 1.433142 | 3.4252% | 1851 | 0.674659 | 1.482230 | 4.0106% | 1850 |
| 0.648644 | 1.541677 | 2.3254% | 1849 | 0.633904 | 1.577526 | 2.7841% | 1848 |
| 0.616733 | 1.621446 | 2.8590% | 1847 | 0.599591 | 1.667803 | 2.9432% | 1846 |
| 0.582449 | 1.716889 | 3.0324% | 1845 | 0.565306 | 1.768953 | 3.1325% | 1844 |
| 0.548136 | 1.824365 | 3.2284% | 1843 | 0.530994 | 1.883262 | 3.3361% | 1842 |
| 0.513851 | 1.946089 | 3.4512% | 1841 | 0.496709 | 2.013252 | 3.8105% | 1840 |
| 0.478476 | 2.089967 | 2.3861% | 1839 | 0.467326 | 2.139835 | 2.5824% | 1838 |
| 0.455561 | 2.195093 | 2.6573% | 1837 | 0.443769 | 2.253424 | 2.7232% | 1836 |
| 0.432005 | 2.314790 | 2.7994% | 1835 | 0.420240 | 2.379591 | 2.8871% | 1834 |
| 0.408448 | 2.448292 | 2.9657% | 1833 | 0.396684 | 2.520901 | 3.0563% | 1832 |
| 0.384919 | 2.597948 | 3.1604% | 1831 | 0.373127 | 2.680054 | 3.4660% | 1830 |
| 0.360628 | 2.772944 | 2.4653% | 1829 | 0.351951 | 2.841305 | 2.6804% | 1828 |
| 0.342764 | 2.917463 | 10.3427% | 1827 | 0.310636 | 3.219206 | -4.2314% | 1826 |
| 0.324361 | 3.082988 | 2.9150% | 1825 | 0.315173 | 3.172858 | 3.0026% | 1824 |
| 0.305986 | 3.268125 | 3.0955% | 1823 | 0.296798 | 3.369290 | 3.1944% | 1822 |
| 0.287611 | 3.476919 | 3.3102% | 1821 | 0.278396 | 3.592011 | 3.2277% | 1820 |
| 0.269691 | 3.707952 | 2.6573% | 1819 | 0.262710 | 3.806483 | 2.6261% | 1818 |
| 0.255987 | 3.906445 | 2.6969% | 1817 | 0.249265 | 4.011799 | 2.7717% | 1816 |
| 0.242542 | 4.122993 | 2.8507% | 1815 | 0.235820 | 4.240527 | 2.9343% | 1814 |
| 0.229097 | 4.364959 | 3.0231% | 1813 | 0.222375 | 4.496914 | 3.1039% | 1812 |
| 0.215680 | 4.636494 | 3.2172% | 1811 | 0.208958 | 4.785657 | 3.0969% | 1810 |
| 0.202681 | 4.933865 | 2.9144% | 1809 | 0.196941 | 5.077656 | 2.8225% | 1808 |
| 0.191535 | 5.220971 | 2.9199% | 1807 | 0.186101 | 5.373420 | 2.9918% | 1806 |
| 0.180695 | 5.534181 | 3.0841% | 1805 | 0.175289 | 5.704858 | 3.1822% | 1804 |
| 0.169883 | 5.886397 | 3.2868% | 1803 | 0.164477 | 6.079871 | 3.3985% | 1802 |
| 0.159071 | 6.286494 | 3.5180% | 1801 | 0.153665 | 6.507656 | 3.3999% | 1800 |
| 0.148612 | 6.728913 | 2.8419% | 1799 | 0.144506 | 6.920140 | 2.7485% | 1798 |
| 0.140640 | 7.110337 | 2.8261% | 1797 | 0.136775 | 7.311284 | 3.7832% | 1796 |
| 0.131789 | 7.587885 | 2.1272% | 1795 | 0.129044 | 7.749295 | 3.0879% | 1794 |
| 0.125179 | 7.988588 | 3.1625% | 1793 | 0.121341 | 8.241228 | 3.2904% | 1792 |

0.117476 8.512399 3.4024% 1791 0.113610 8.802022 3.2296% 1790
0.110056 9.086289 41.3145% 1780 0.077880 12.840239 29.4353% 1770
0.060169 16.619804 83.4728% 1750 0.032795 30.492825 29.2845% 1740
0.025366 39.422482 94.2514% 1720 0.013058 76.578722 85.8111% 1700
0.007028 142.291750 19.2490% 1690 0.005893 169.681559 88.0250%
1670 0.003134 319.043789

BASE YEAR: 1864

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|----------|
| 2009 | 8.646139 | 0.115659 | 8.2857% | 2001 | 7.984565 | 0.125242 | 1.0000% |
| 2000 | 7.905509 | 0.126494 | 1.0000% | 1999 | 7.827237 | 0.127759 | 1.0000% |
| 1998 | 7.749740 | 0.129037 | 1.0000% | 1997 | 7.673009 | 0.130327 | 1.0000% |
| 1996 | 7.597039 | 0.131630 | 1.0000% | 1995 | 7.521821 | 0.132947 | 0.9992% |
| 1994 | 7.447405 | 0.134275 | 1.0008% | 1993 | 7.373611 | 0.135619 | 1.0000% |
| 1992 | 7.300605 | 0.136975 | 0.9295% | 1991 | 7.233371 | 0.138248 | 1.2505% |
| 1990 | 7.144033 | 0.139977 | 0.7224% | 1989 | 7.092792 | 0.140988 | 1.1077% |
| 1988 | 7.015088 | 0.142550 | 0.8834% | 1987 | 6.953661 | 0.143809 | 0.5594% |
| 1986 | 6.914981 | 0.144614 | 1.3056% | 1985 | 6.825861 | 0.146502 | 0.7673% |
| 1984 | 6.773886 | 0.147626 | 0.8149% | 1983 | 6.719129 | 0.148829 | 0.9737% |
| 1982 | 6.654333 | 0.150278 | 0.9508% | 1981 | 6.591659 | 0.151707 | 0.9031% |
| 1980 | 6.532665 | 0.153077 | 2.2701% | 1979 | 6.387660 | 0.156552 | 1.0042% |
| 1978 | 6.324155 | 0.158124 | 0.9896% | 1977 | 6.262183 | 0.159689 | 0.9103% |
| 1976 | 6.205691 | 0.161142 | 0.8394% | 1975 | 6.154031 | 0.162495 | 0.9042% |
| 1974 | 6.098887 | 0.163964 | 1.1568% | 1973 | 6.029143 | 0.165861 | 0.9427% |
| 1972 | 5.972837 | 0.167425 | 0.7426% | 1971 | 5.928807 | 0.168668 | 1.4697% |
| 1970 | 5.842931 | 0.171147 | 0.6968% | 1969 | 5.802498 | 0.172340 | 0.8565% |
| 1968 | 5.753220 | 0.173816 | 1.5090% | 1967 | 5.667692 | 0.176439 | 0.9949% |
| 1966 | 5.611859 | 0.178194 | 1.0575% | 1965 | 5.553137 | 0.180078 | 1.1300% |
| 1964 | 5.491087 | 0.182113 | 1.5537% | 1963 | 5.407079 | 0.184943 | 1.4658% |
| 1962 | 5.328966 | 0.187654 | 1.5364% | 1961 | 5.248329 | 0.190537 | 2.1586% |
| 1960 | 5.137431 | 0.194650 | -1.6655% | 1959 | 5.224443 | 0.191408 | 4.3080% |
| 1958 | 5.008670 | 0.199654 | 2.1130% | 1957 | 4.905028 | 0.203872 | 1.9895% |
| 1956 | 4.809347 | 0.207928 | 2.1231% | 1955 | 4.709362 | 0.212343 | 1.4496% |
| 1954 | 4.642070 | 0.215421 | 2.1573% | 1953 | 4.544044 | 0.220068 | 1.2298% |
| 1952 | 4.488842 | 0.222775 | 1.6814% | 1951 | 4.414616 | 0.226520 | 1.6233% |
| 1950 | 4.344099 | 0.230197 | 1.4265% | 1949 | 4.283001 | 0.233481 | 1.7790% |
| 1948 | 4.208136 | 0.237635 | 1.8242% | 1947 | 4.132748 | 0.241970 | -2.6320% |
| 1946 | 4.244464 | 0.235601 | 3.1768% | 1945 | 4.113778 | 0.243086 | 6.4754% |
| 1944 | 3.863594 | 0.258826 | -0.3437% | 1943 | 3.876918 | 0.257937 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.851642 | 0.259630 | 0.6633% | 1941 | 3.826263 | 0.261352 | -5.6614% | 1940 |
| 4.055884 | 0.246555 | 8.0381% | 1939 | 3.754123 | 0.266374 | 0.8126% | 1938 |
| 3.723862 | 0.268538 | 0.7762% | 1937 | 3.695178 | 0.270623 | 0.6029% | 1936 |
| 3.673034 | 0.272254 | 0.5244% | 1935 | 3.653874 | 0.273682 | -3.0364% | 1934 |
| 3.768293 | 0.265372 | 4.6271% | 1933 | 3.601641 | 0.277651 | 1.3921% | 1932 |
| 3.552190 | 0.281516 | -0.2051% | 1931 | 3.559490 | 0.280939 | 0.8886% | 1930 |
| 3.528139 | 0.283436 | 1.0126% | 1929 | 3.492772 | 0.286306 | 1.1526% | 1928 |
| 3.452973 | 0.289606 | 1.2160% | 1927 | 3.411489 | 0.293127 | 1.4086% | 1926 |
| 3.364103 | 0.297256 | 1.7667% | 1925 | 3.305702 | 0.302508 | 1.4465% | 1924 |
| 3.258566 | 0.306883 | 1.7700% | 1923 | 3.201894 | 0.312315 | 1.6165% | 1922 |
| 3.150958 | 0.317364 | 1.3736% | 1921 | 3.108262 | 0.321723 | 2.3393% | 1920 |
| 3.037212 | 0.329249 | 1.3140% | 1919 | 2.997820 | 0.333576 | 0.7676% | 1918 |
| 2.974983 | 0.336136 | 0.3870% | 1917 | 2.963514 | 0.337437 | 1.3274% | 1916 |
| 2.924691 | 0.341916 | 1.4083% | 1915 | 2.884075 | 0.346732 | 1.4458% | 1914 |
| 2.842971 | 0.351745 | 1.9424% | 1913 | 2.788802 | 0.358577 | 1.9857% | 1912 |
| 2.734504 | 0.365697 | 1.5634% | 1911 | 2.692410 | 0.371414 | 1.8169% | 1910 |
| 2.644364 | 0.378163 | 1.8781% | 1909 | 2.595617 | 0.385265 | 2.0082% | 1908 |
| 2.544517 | 0.393002 | 1.9603% | 1907 | 2.495597 | 0.400706 | 1.8264% | 1906 |
| 2.450836 | 0.408024 | 1.9357% | 1905 | 2.404297 | 0.415922 | 2.0148% | 1904 |
| 2.356811 | 0.424302 | 2.1335% | 1903 | 2.307578 | 0.433355 | 1.8151% | 1902 |
| 2.266439 | 0.441221 | 1.8943% | 1901 | 2.224303 | 0.449579 | 3.0255% | 1900 |
| 2.158983 | 0.463181 | 0.6278% | 1899 | 2.145512 | 0.466089 | 1.7757% | 1898 |
| 2.108080 | 0.474365 | 1.8078% | 1897 | 2.070648 | 0.482941 | 1.8396% | 1896 |
| 2.033244 | 0.491825 | 1.8755% | 1895 | 1.995812 | 0.501049 | 1.9114% | 1894 |
| 1.958380 | 0.510626 | 1.9486% | 1893 | 1.920948 | 0.520576 | 1.9858% | 1892 |
| 1.883544 | 0.530914 | 2.0276% | 1891 | 1.846112 | 0.541679 | 2.6465% | 1890 |
| 1.798514 | 0.556015 | 1.5328% | 1889 | 1.771362 | 0.564537 | 2.0811% | 1888 |
| 1.735249 | 0.576286 | 2.1599% | 1887 | 1.698563 | 0.588733 | 2.2075% | 1886 |
| 1.661876 | 0.601729 | 2.2592% | 1885 | 1.625161 | 0.615324 | 2.3095% | 1884 |
| 1.588475 | 0.629535 | 2.3641% | 1883 | 1.551788 | 0.644418 | 2.4214% | 1882 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.515102 | 0.660022 | 2.4815% | 1881 | 1.478416 | 0.676400 | 3.7644% | 1880 |
| 1.424781 | 0.701862 | 0.9432% | 1879 | 1.411468 | 0.708482 | 2.1464% | 1878 |
| 1.381809 | 0.723689 | 2.1913% | 1877 | 1.352179 | 0.739547 | 2.2426% | 1876 |
| 1.322520 | 0.756132 | 2.2941% | 1875 | 1.292861 | 0.773479 | 2.3456% | 1874 |
| 1.263230 | 0.791621 | 2.4043% | 1873 | 1.233571 | 0.810654 | 2.4635% | 1872 |
| 1.203912 | 0.830625 | 2.5258% | 1871 | 1.174254 | 0.851605 | 5.9947% | 1870 |
| 1.107842 | 0.902656 | -1.0968% | 1869 | 1.120127 | 0.892756 | 2.1930% | 1868 |
| 1.096090 | 0.912333 | 2.2394% | 1867 | 1.072082 | 0.932764 | 2.2935% | 1866 |
| 1.048045 | 0.954157 | 2.3445% | 1865 | 1.024037 | 0.976527 | 2.4037% | 1864 |
| 1.000000 | 1.000000 | 2.4599% | 1863 | 0.975992 | 1.024599 | 2.5250% | 1862 |
| 0.951955 | 1.050470 | 2.5872% | 1861 | 0.927947 | 1.077648 | 2.9504% | 1860 |
| 0.901353 | 1.109443 | 2.4012% | 1859 | 0.880217 | 1.136084 | 2.7627% | 1858 |
| 0.856553 | 1.167470 | 2.8412% | 1857 | 0.832889 | 1.200641 | 2.9243% | 1856 |
| 0.809225 | 1.235751 | 3.0161% | 1855 | 0.785532 | 1.273023 | 3.1061% | 1854 |
| 0.761868 | 1.312564 | 3.2056% | 1853 | 0.738204 | 1.354639 | 3.3118% | 1852 |
| 0.714540 | 1.399502 | 3.4252% | 1851 | 0.690876 | 1.447438 | 4.0106% | 1850 |
| 0.664236 | 1.505489 | 2.3254% | 1849 | 0.649141 | 1.540498 | 2.7841% | 1848 |
| 0.631558 | 1.583386 | 2.8590% | 1847 | 0.614003 | 1.628656 | 2.9432% | 1846 |
| 0.596449 | 1.676589 | 3.0324% | 1845 | 0.578895 | 1.727430 | 3.1325% | 1844 |
| 0.561311 | 1.781542 | 3.2284% | 1843 | 0.543757 | 1.839057 | 3.3361% | 1842 |
| 0.526203 | 1.900409 | 3.4512% | 1841 | 0.508648 | 1.965996 | 3.8105% | 1840 |
| 0.489978 | 2.040910 | 2.3861% | 1839 | 0.478559 | 2.089607 | 2.5824% | 1838 |
| 0.466512 | 2.143569 | 2.6573% | 1837 | 0.454436 | 2.200530 | 2.7232% | 1836 |
| 0.442389 | 2.260455 | 2.7994% | 1835 | 0.430342 | 2.323735 | 2.8871% | 1834 |
| 0.418266 | 2.390824 | 2.9657% | 1833 | 0.406219 | 2.461729 | 3.0563% | 1832 |
| 0.394171 | 2.536967 | 3.1604% | 1831 | 0.382096 | 2.617146 | 3.4660% | 1830 |
| 0.369296 | 2.707855 | 2.4653% | 1829 | 0.360411 | 2.774612 | 2.6804% | 1828 |
| 0.351002 | 2.848983 | 10.3427% | 1827 | 0.318102 | 3.143643 | -4.2314% | 1826 |
| 0.332157 | 3.010622 | 2.9150% | 1825 | 0.322749 | 3.098383 | 3.0026% | 1824 |
| 0.313341 | 3.191413 | 3.0955% | 1823 | 0.303933 | 3.290204 | 3.1944% | 1822 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.294524 | 3.395306 | 3.3102% | 1821 | 0.285087 | 3.507697 | 3.2277% | 1820 |
| 0.276173 | 3.620916 | 2.6573% | 1819 | 0.269024 | 3.717134 | 2.6261% | 1818 |
| 0.262140 | 3.814750 | 2.6969% | 1817 | 0.255256 | 3.917631 | 2.7717% | 1816 |
| 0.248372 | 4.026215 | 2.8507% | 1815 | 0.241488 | 4.140991 | 2.9343% | 1814 |
| 0.234604 | 4.262502 | 3.0231% | 1813 | 0.227720 | 4.391359 | 3.1039% | 1812 |
| 0.220865 | 4.527662 | 3.2172% | 1811 | 0.213980 | 4.673324 | 3.0969% | 1810 |
| 0.207553 | 4.818053 | 2.9144% | 1809 | 0.201675 | 4.958470 | 2.8225% | 1808 |
| 0.196139 | 5.098421 | 2.9199% | 1807 | 0.190575 | 5.247291 | 2.9918% | 1806 |
| 0.185039 | 5.404278 | 3.0841% | 1805 | 0.179503 | 5.570949 | 3.1822% | 1804 |
| 0.173967 | 5.748228 | 3.2868% | 1803 | 0.168431 | 5.937159 | 3.3985% | 1802 |
| 0.162895 | 6.138933 | 3.5180% | 1801 | 0.157359 | 6.354903 | 3.3999% | 1800 |
| 0.152185 | 6.570967 | 2.8419% | 1799 | 0.147979 | 6.757705 | 2.7485% | 1798 |
| 0.144021 | 6.943438 | 2.8261% | 1797 | 0.140063 | 7.139668 | 3.7832% | 1796 |
| 0.134957 | 7.409777 | 2.1272% | 1795 | 0.132146 | 7.567397 | 3.0879% | 1794 |
| 0.128187 | 7.801074 | 3.1625% | 1793 | 0.124258 | 8.047784 | 3.2904% | 1792 |
| 0.120299 | 8.312589 | 3.4024% | 1791 | 0.116341 | 8.595414 | 3.2296% | 1790 |
| 0.112701 | 8.873009 | 41.3145% | 1780 | 0.079752 | 12.538843 | 29.4353% | 1770 |
| 0.061615 | 16.229691 | 83.4728% | 1750 | 0.033583 | 29.777076 | 29.2845% | 1740 |
| 0.025976 | 38.497129 | 94.2514% | 1720 | 0.013372 | 74.781210 | 85.8111% | 1700 |
| 0.007197 | 138.951774 | 19.2490% | 1690 | 0.006035 | 165.698669 | 88.0250% | |
| 1670 | 0.003210 | 311.554960 | | | | | |

BASE YEAR: 1863

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 8.858824 | 0.112882 | 8.2857% | 2001 | 8.180976 | 0.122235 | 1.0000% |
| 2000 | 8.099976 | 0.123457 | 1.0000% | 1999 | 8.019778 | 0.124692 | 1.0000% |
| 1998 | 7.940374 | 0.125939 | 1.0000% | 1997 | 7.861757 | 0.127198 | 1.0000% |
| 1996 | 7.783917 | 0.128470 | 1.0000% | 1995 | 7.706849 | 0.129755 | 0.9992% |
| 1994 | 7.630602 | 0.131051 | 1.0008% | 1993 | 7.554994 | 0.132363 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 7.480192 | 0.133686 | 0.9295% | 1991 | 7.411303 | 0.134929 | 1.2505% | 1990 |
| 7.319768 | 0.136616 | 0.7224% | 1989 | 7.267266 | 0.137603 | 1.1077% | 1988 |
| 7.187651 | 0.139128 | 0.8834% | 1987 | 7.124713 | 0.140357 | 0.5594% | 1986 |
| 7.085082 | 0.141142 | 1.3056% | 1985 | 6.993769 | 0.142984 | 0.7673% | 1984 |
| 6.940516 | 0.144082 | 0.8149% | 1983 | 6.884412 | 0.145256 | 0.9737% | 1982 |
| 6.818022 | 0.146670 | 0.9508% | 1981 | 6.753806 | 0.148065 | 0.9031% | 1980 |
| 6.693360 | 0.149402 | 2.2701% | 1979 | 6.544789 | 0.152793 | 1.0042% | 1978 |
| 6.479721 | 0.154328 | 0.9896% | 1977 | 6.416226 | 0.155855 | 0.9103% | 1976 |
| 6.358344 | 0.157274 | 0.8394% | 1975 | 6.305414 | 0.158594 | 0.9042% | 1974 |
| 6.248913 | 0.160028 | 1.1568% | 1973 | 6.177453 | 0.161879 | 0.9427% | 1972 |
| 6.119761 | 0.163405 | 0.7426% | 1971 | 6.074649 | 0.164619 | 1.4697% | 1970 |
| 5.986661 | 0.167038 | 0.6968% | 1969 | 5.945233 | 0.168202 | 0.8565% | 1968 |
| 5.894742 | 0.169643 | 1.5090% | 1967 | 5.807111 | 0.172203 | 0.9949% | 1966 |
| 5.749904 | 0.173916 | 1.0575% | 1965 | 5.689737 | 0.175755 | 1.1300% | 1964 |
| 5.626161 | 0.177741 | 1.5537% | 1963 | 5.540087 | 0.180503 | 1.4658% | 1962 |
| 5.460053 | 0.183148 | 1.5364% | 1961 | 5.377432 | 0.185962 | 2.1586% | 1960 |
| 5.263805 | 0.189977 | -1.6655% | 1959 | 5.352958 | 0.186813 | 4.3080% | 1958 |
| 5.131877 | 0.194860 | 2.1130% | 1957 | 5.025686 | 0.198978 | 1.9895% | 1956 |
| 4.927651 | 0.202936 | 2.1231% | 1955 | 4.825207 | 0.207245 | 1.4496% | 1954 |
| 4.756260 | 0.210249 | 2.1573% | 1953 | 4.655822 | 0.214785 | 1.2298% | 1952 |
| 4.599262 | 0.217426 | 1.6814% | 1951 | 4.523210 | 0.221082 | 1.6233% | 1950 |
| 4.450959 | 0.224671 | 1.4265% | 1949 | 4.388357 | 0.227876 | 1.7790% | 1948 |
| 4.311651 | 0.231930 | 1.8242% | 1947 | 4.234409 | 0.236160 | -2.6320% | 1946 |
| 4.348873 | 0.229945 | 3.1768% | 1945 | 4.214972 | 0.237250 | 6.4754% | 1944 |
| 3.958634 | 0.252612 | -0.3437% | 1943 | 3.972285 | 0.251744 | 0.6562% | 1942 |
| 3.946388 | 0.253396 | 0.6633% | 1941 | 3.920384 | 0.255077 | -5.6614% | 1940 |
| 4.155654 | 0.240636 | 8.0381% | 1939 | 3.846470 | 0.259979 | 0.8126% | 1938 |
| 3.815465 | 0.262091 | 0.7762% | 1937 | 3.786075 | 0.264126 | 0.6029% | 1936 |
| 3.763387 | 0.265718 | 0.5244% | 1935 | 3.743755 | 0.267112 | -3.0364% | 1934 |
| 3.860989 | 0.259001 | 4.6271% | 1933 | 3.690237 | 0.270985 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.639570 | 0.274758 | -0.2051% | 1931 | 3.647049 | 0.274194 | 0.8886% | 1930 |
| 3.614927 | 0.276631 | 1.0126% | 1929 | 3.578690 | 0.279432 | 1.1526% | 1928 |
| 3.537912 | 0.282653 | 1.2160% | 1927 | 3.495408 | 0.286090 | 1.4086% | 1926 |
| 3.446856 | 0.290119 | 1.7667% | 1925 | 3.387018 | 0.295245 | 1.4465% | 1924 |
| 3.338723 | 0.299516 | 1.7700% | 1923 | 3.280657 | 0.304817 | 1.6165% | 1922 |
| 3.228468 | 0.309744 | 1.3736% | 1921 | 3.184721 | 0.313999 | 2.3393% | 1920 |
| 3.111924 | 0.321345 | 1.3140% | 1919 | 3.071563 | 0.325567 | 0.7676% | 1918 |
| 3.048164 | 0.328066 | 0.3870% | 1917 | 3.036413 | 0.329336 | 1.3274% | 1916 |
| 2.996635 | 0.333708 | 1.4083% | 1915 | 2.955020 | 0.338407 | 1.4458% | 1914 |
| 2.912905 | 0.343300 | 1.9424% | 1913 | 2.857403 | 0.349968 | 1.9857% | 1912 |
| 2.801769 | 0.356917 | 1.5634% | 1911 | 2.758640 | 0.362497 | 1.8169% | 1910 |
| 2.709413 | 0.369084 | 1.8781% | 1909 | 2.659466 | 0.376015 | 2.0082% | 1908 |
| 2.607109 | 0.383567 | 1.9603% | 1907 | 2.556986 | 0.391085 | 1.8264% | 1906 |
| 2.511124 | 0.398228 | 1.9357% | 1905 | 2.463440 | 0.405936 | 2.0148% | 1904 |
| 2.414786 | 0.414115 | 2.1335% | 1903 | 2.364342 | 0.422951 | 1.8151% | 1902 |
| 2.322191 | 0.430628 | 1.8943% | 1901 | 2.279018 | 0.438785 | 3.0255% | 1900 |
| 2.212091 | 0.452061 | 0.6278% | 1899 | 2.198290 | 0.454899 | 1.7757% | 1898 |
| 2.159937 | 0.462977 | 1.8078% | 1897 | 2.121583 | 0.471346 | 1.8396% | 1896 |
| 2.083260 | 0.480017 | 1.8755% | 1895 | 2.044907 | 0.489020 | 1.9114% | 1894 |
| 2.006554 | 0.498367 | 1.9486% | 1893 | 1.968201 | 0.508078 | 1.9858% | 1892 |
| 1.929877 | 0.518168 | 2.0276% | 1891 | 1.891524 | 0.528674 | 2.6465% | 1890 |
| 1.842755 | 0.542666 | 1.5328% | 1889 | 1.814936 | 0.550984 | 2.0811% | 1888 |
| 1.777935 | 0.562450 | 2.1599% | 1887 | 1.740346 | 0.574599 | 2.2075% | 1886 |
| 1.702757 | 0.587283 | 2.2592% | 1885 | 1.665138 | 0.600551 | 2.3095% | 1884 |
| 1.627550 | 0.614421 | 2.3641% | 1883 | 1.589961 | 0.628946 | 2.4214% | 1882 |
| 1.552372 | 0.644176 | 2.4815% | 1881 | 1.514783 | 0.660161 | 3.7644% | 1880 |
| 1.459829 | 0.685012 | 0.9432% | 1879 | 1.446188 | 0.691473 | 2.1464% | 1878 |
| 1.415800 | 0.706315 | 2.1913% | 1877 | 1.385441 | 0.721792 | 2.2426% | 1876 |
| 1.355052 | 0.737979 | 2.2941% | 1875 | 1.324663 | 0.754909 | 2.3456% | 1874 |
| 1.294304 | 0.772616 | 2.4043% | 1873 | 1.263916 | 0.791192 | 2.4635% | 1872 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 1.233527 | 0.810683 | 2.5258% | 1871 | 1.203139 | 0.831159 | 5.9947% | 1870 |
| 1.135094 | 0.880985 | -1.0968% | 1869 | 1.147681 | 0.871322 | 2.1930% | 1868 |
| 1.123053 | 0.890430 | 2.2394% | 1867 | 1.098454 | 0.910370 | 2.2935% | 1866 |
| 1.073826 | 0.931250 | 2.3445% | 1865 | 1.049227 | 0.953083 | 2.4037% | 1864 |
| 1.024599 | 0.975992 | 2.4599% | 1863 | 1.000000 | 1.000000 | 2.5250% | 1862 |
| 0.975372 | 1.025250 | 2.5872% | 1861 | 0.950773 | 1.051776 | 2.9504% | 1860 |
| 0.923525 | 1.082808 | 2.4012% | 1859 | 0.901869 | 1.108808 | 2.7627% | 1858 |
| 0.877623 | 1.139441 | 2.8412% | 1857 | 0.853377 | 1.171815 | 2.9243% | 1856 |
| 0.829131 | 1.206083 | 3.0161% | 1855 | 0.804855 | 1.242460 | 3.1061% | 1854 |
| 0.780609 | 1.281051 | 3.2056% | 1853 | 0.756363 | 1.322117 | 3.3118% | 1852 |
| 0.732117 | 1.365903 | 3.4252% | 1851 | 0.707870 | 1.412688 | 4.0106% | 1850 |
| 0.680575 | 1.469345 | 2.3254% | 1849 | 0.665109 | 1.503513 | 2.7841% | 1848 |
| 0.647093 | 1.545372 | 2.8590% | 1847 | 0.629107 | 1.589554 | 2.9432% | 1846 |
| 0.611121 | 1.636337 | 3.0324% | 1845 | 0.593135 | 1.685958 | 3.1325% | 1844 |
| 0.575119 | 1.738771 | 3.2284% | 1843 | 0.557133 | 1.794904 | 3.3361% | 1842 |
| 0.539147 | 1.854783 | 3.4512% | 1841 | 0.521160 | 1.918795 | 3.8105% | 1840 |
| 0.502030 | 1.991911 | 2.3861% | 1839 | 0.490331 | 2.039439 | 2.5824% | 1838 |
| 0.477987 | 2.092105 | 2.6573% | 1837 | 0.465615 | 2.147699 | 2.7232% | 1836 |
| 0.453271 | 2.206186 | 2.7994% | 1835 | 0.440928 | 2.267946 | 2.8871% | 1834 |
| 0.428555 | 2.333425 | 2.9657% | 1833 | 0.416211 | 2.402627 | 3.0563% | 1832 |
| 0.403868 | 2.476059 | 3.1604% | 1831 | 0.391495 | 2.554313 | 3.4660% | 1830 |
| 0.378380 | 2.642844 | 2.4653% | 1829 | 0.369276 | 2.707998 | 2.6804% | 1828 |
| 0.359637 | 2.780583 | 10.3427% | 1827 | 0.325927 | 3.068170 | -4.2314% | 1826 |
| 0.340328 | 2.938342 | 2.9150% | 1825 | 0.330688 | 3.023996 | 3.0026% | 1824 |
| 0.321049 | 3.114793 | 3.0955% | 1823 | 0.311409 | 3.211212 | 3.1944% | 1822 |
| 0.301769 | 3.313790 | 3.3102% | 1821 | 0.292100 | 3.423483 | 3.2277% | 1820 |
| 0.282967 | 3.533984 | 2.6573% | 1819 | 0.275642 | 3.627892 | 2.6261% | 1818 |
| 0.268589 | 3.723164 | 2.6969% | 1817 | 0.261535 | 3.823576 | 2.7717% | 1816 |
| 0.254482 | 3.929553 | 2.8507% | 1815 | 0.247428 | 4.041573 | 2.9343% | 1814 |
| 0.240375 | 4.160166 | 3.0231% | 1813 | 0.233322 | 4.285930 | 3.1039% | 1812 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.226298 | 4.418961 | 3.2172% | 1811 | 0.219244 | 4.561126 | 3.0969% | 1810 |
| 0.212658 | 4.702380 | 2.9144% | 1809 | 0.206636 | 4.839425 | 2.8225% | 1808 |
| 0.200964 | 4.976016 | 2.9199% | 1807 | 0.195262 | 5.121312 | 2.9918% | 1806 |
| 0.189590 | 5.274531 | 3.0841% | 1805 | 0.183918 | 5.437200 | 3.1822% | 1804 |
| 0.178246 | 5.610223 | 3.2868% | 1803 | 0.172574 | 5.794619 | 3.3985% | 1802 |
| 0.166902 | 5.991548 | 3.5180% | 1801 | 0.161230 | 6.202333 | 3.3999% | 1800 |
| 0.155928 | 6.413209 | 2.8419% | 1799 | 0.151619 | 6.595464 | 2.7485% | 1798 |
| 0.147564 | 6.776738 | 2.8261% | 1797 | 0.143508 | 6.968257 | 3.7832% | 1796 |
| 0.138277 | 7.231881 | 2.1272% | 1795 | 0.135396 | 7.385717 | 3.0879% | 1794 |
| 0.131341 | 7.613784 | 3.1625% | 1793 | 0.127314 | 7.854571 | 3.2904% | 1792 |
| 0.123259 | 8.113019 | 3.4024% | 1791 | 0.119203 | 8.389053 | 3.2296% | 1790 |
| 0.115474 | 8.659983 | 41.3145% | 1780 | 0.081714 | 12.237808 | 29.4353% | 1770 |
| 0.063131 | 15.840045 | 83.4728% | 1750 | 0.034409 | 29.062180 | 29.2845% | 1740 |
| 0.026615 | 37.572880 | 94.2514% | 1720 | 0.013701 | 72.985843 | 85.8111% | 1700 |
| 0.007374 | 135.615783 | 19.2490% | 1690 | 0.006184 | 161.720532 | 88.0250% | |
| 1670 | 0.003289 | 304.075067 | | | | | |

BASE YEAR: 1862

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 9.082510 | 0.110102 | 8.2857% | 2001 | 8.387547 | 0.119224 | 1.0000% |
| 2000 | 8.304501 | 0.120417 | 1.0000% | 1999 | 8.222278 | 0.121621 | 1.0000% |
| 1998 | 8.140869 | 0.122837 | 1.0000% | 1997 | 8.060267 | 0.124065 | 1.0000% |
| 1996 | 7.980462 | 0.125306 | 1.0000% | 1995 | 7.901448 | 0.126559 | 0.9992% |
| 1994 | 7.823276 | 0.127824 | 1.0008% | 1993 | 7.745758 | 0.129103 | 1.0000% |
| 1992 | 7.669067 | 0.130394 | 0.9295% | 1991 | 7.598439 | 0.131606 | 1.2505% |
| 1990 | 7.504593 | 0.133252 | 0.7224% | 1989 | 7.450765 | 0.134214 | 1.1077% |
| 1988 | 7.369139 | 0.135701 | 0.8834% | 1987 | 7.304613 | 0.136900 | 0.5594% |
| 1986 | 7.263981 | 0.137666 | 1.3056% | 1985 | 7.170363 | 0.139463 | 0.7673% |
| 1984 | 7.115765 | 0.140533 | 0.8149% | 1983 | 7.058244 | 0.141678 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 6.990177 | 0.143058 | 0.9508% | 1981 | 6.924340 | 0.144418 | 0.9031% | 1980 |
| 6.862368 | 0.145722 | 2.2701% | 1979 | 6.710046 | 0.149030 | 1.0042% | 1978 |
| 6.643335 | 0.150527 | 0.9896% | 1977 | 6.578236 | 0.152016 | 0.9103% | 1976 |
| 6.518892 | 0.153400 | 0.8394% | 1975 | 6.464626 | 0.154688 | 0.9042% | 1974 |
| 6.406698 | 0.156087 | 1.1568% | 1973 | 6.333434 | 0.157892 | 0.9427% | 1972 |
| 6.274286 | 0.159381 | 0.7426% | 1971 | 6.228034 | 0.160564 | 1.4697% | 1970 |
| 6.137824 | 0.162924 | 0.6968% | 1969 | 6.095351 | 0.164059 | 0.8565% | 1968 |
| 6.043585 | 0.165465 | 1.5090% | 1967 | 5.953741 | 0.167962 | 0.9949% | 1966 |
| 5.895090 | 0.169633 | 1.0575% | 1965 | 5.833404 | 0.171427 | 1.1300% | 1964 |
| 5.768222 | 0.173364 | 1.5537% | 1963 | 5.679975 | 0.176057 | 1.4658% | 1962 |
| 5.597919 | 0.178638 | 1.5364% | 1961 | 5.513213 | 0.181382 | 2.1586% | 1960 |
| 5.396717 | 0.185298 | -1.6655% | 1959 | 5.488121 | 0.182212 | 4.3080% | 1958 |
| 5.261457 | 0.190061 | 2.1130% | 1957 | 5.152585 | 0.194077 | 1.9895% | 1956 |
| 5.052075 | 0.197938 | 2.1231% | 1955 | 4.947044 | 0.202141 | 1.4496% | 1954 |
| 4.876356 | 0.205071 | 2.1573% | 1953 | 4.773382 | 0.209495 | 1.2298% | 1952 |
| 4.715394 | 0.212071 | 1.6814% | 1951 | 4.637422 | 0.215637 | 1.6233% | 1950 |
| 4.563346 | 0.219137 | 1.4265% | 1949 | 4.499164 | 0.222264 | 1.7790% | 1948 |
| 4.420521 | 0.226218 | 1.8242% | 1947 | 4.341328 | 0.230344 | -2.6320% | 1946 |
| 4.458682 | 0.224282 | 3.1768% | 1945 | 4.321400 | 0.231406 | 6.4754% | 1944 |
| 4.058589 | 0.246391 | -0.3437% | 1943 | 4.072586 | 0.245544 | 0.6562% | 1942 |
| 4.046035 | 0.247156 | 0.6633% | 1941 | 4.019374 | 0.248795 | -5.6614% | 1940 |
| 4.260584 | 0.234710 | 8.0381% | 1939 | 3.943594 | 0.253576 | 0.8126% | 1938 |
| 3.911805 | 0.255636 | 0.7762% | 1937 | 3.881674 | 0.257621 | 0.6029% | 1936 |
| 3.858413 | 0.259174 | 0.5244% | 1935 | 3.838285 | 0.260533 | -3.0364% | 1934 |
| 3.958479 | 0.252622 | 4.6271% | 1933 | 3.783416 | 0.264311 | 1.3921% | 1932 |
| 3.731469 | 0.267991 | -0.2051% | 1931 | 3.739138 | 0.267441 | 0.8886% | 1930 |
| 3.706204 | 0.269818 | 1.0126% | 1929 | 3.669052 | 0.272550 | 1.1526% | 1928 |
| 3.627245 | 0.275691 | 1.2160% | 1927 | 3.583667 | 0.279044 | 1.4086% | 1926 |
| 3.533890 | 0.282974 | 1.7667% | 1925 | 3.472541 | 0.287974 | 1.4465% | 1924 |
| 3.423026 | 0.292139 | 1.7700% | 1923 | 3.363494 | 0.297310 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.309987 | 0.302116 | 1.3736% | 1921 | 3.265136 | 0.306266 | 2.3393% | 1920 |
| 3.190500 | 0.313431 | 1.3140% | 1919 | 3.149120 | 0.317549 | 0.7676% | 1918 |
| 3.125130 | 0.319987 | 0.3870% | 1917 | 3.113083 | 0.321225 | 1.3274% | 1916 |
| 3.072300 | 0.325489 | 1.4083% | 1915 | 3.029634 | 0.330073 | 1.4458% | 1914 |
| 2.986456 | 0.334845 | 1.9424% | 1913 | 2.929553 | 0.341349 | 1.9857% | 1912 |
| 2.872514 | 0.348127 | 1.5634% | 1911 | 2.828296 | 0.353570 | 1.8169% | 1910 |
| 2.777826 | 0.359994 | 1.8781% | 1909 | 2.726618 | 0.366755 | 2.0082% | 1908 |
| 2.672939 | 0.374120 | 1.9603% | 1907 | 2.621550 | 0.381454 | 1.8264% | 1906 |
| 2.574530 | 0.388420 | 1.9357% | 1905 | 2.525642 | 0.395939 | 2.0148% | 1904 |
| 2.475759 | 0.403916 | 2.1335% | 1903 | 2.424042 | 0.412534 | 1.8151% | 1902 |
| 2.380826 | 0.420022 | 1.8943% | 1901 | 2.336564 | 0.427979 | 3.0255% | 1900 |
| 2.267947 | 0.440927 | 0.6278% | 1899 | 2.253797 | 0.443696 | 1.7757% | 1898 |
| 2.214475 | 0.451574 | 1.8078% | 1897 | 2.175154 | 0.459738 | 1.8396% | 1896 |
| 2.135862 | 0.468195 | 1.8755% | 1895 | 2.096541 | 0.476976 | 1.9114% | 1894 |
| 2.057219 | 0.486093 | 1.9486% | 1893 | 2.017898 | 0.495565 | 1.9858% | 1892 |
| 1.978607 | 0.505406 | 2.0276% | 1891 | 1.939285 | 0.515654 | 2.6465% | 1890 |
| 1.889285 | 0.529301 | 1.5328% | 1889 | 1.860763 | 0.537414 | 2.0811% | 1888 |
| 1.822828 | 0.548598 | 2.1599% | 1887 | 1.784290 | 0.560447 | 2.2075% | 1886 |
| 1.745751 | 0.572819 | 2.2592% | 1885 | 1.707183 | 0.585760 | 2.3095% | 1884 |
| 1.668645 | 0.599289 | 2.3641% | 1883 | 1.630107 | 0.613457 | 2.4214% | 1882 |
| 1.591569 | 0.628311 | 2.4815% | 1881 | 1.553031 | 0.643902 | 3.7644% | 1880 |
| 1.496690 | 0.668141 | 0.9432% | 1879 | 1.482705 | 0.674443 | 2.1464% | 1878 |
| 1.451549 | 0.688919 | 2.1913% | 1877 | 1.420423 | 0.704016 | 2.2426% | 1876 |
| 1.389267 | 0.719804 | 2.2941% | 1875 | 1.358111 | 0.736317 | 2.3456% | 1874 |
| 1.326986 | 0.753588 | 2.4043% | 1873 | 1.295830 | 0.771706 | 2.4635% | 1872 |
| 1.264674 | 0.790718 | 2.5258% | 1871 | 1.233518 | 0.810689 | 5.9947% | 1870 |
| 1.163755 | 0.859288 | -1.0968% | 1869 | 1.176660 | 0.849863 | 2.1930% | 1868 |
| 1.151410 | 0.868500 | 2.2394% | 1867 | 1.126190 | 0.887949 | 2.2935% | 1866 |
| 1.100940 | 0.908315 | 2.3445% | 1865 | 1.075720 | 0.929610 | 2.4037% | 1864 |
| 1.050470 | 0.951955 | 2.4599% | 1863 | 1.025250 | 0.975372 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.000000 | 1.000000 | 2.5872% | 1861 | 0.974780 | 1.025872 | 2.9504% | 1860 |
| 0.946844 | 1.056140 | 2.4012% | 1859 | 0.924641 | 1.081500 | 2.7627% | 1858 |
| 0.899783 | 1.111379 | 2.8412% | 1857 | 0.874925 | 1.142956 | 2.9243% | 1856 |
| 0.850066 | 1.176379 | 3.0161% | 1855 | 0.825178 | 1.211860 | 3.1061% | 1854 |
| 0.800319 | 1.249501 | 3.2056% | 1853 | 0.775461 | 1.289555 | 3.3118% | 1852 |
| 0.750603 | 1.332263 | 3.4252% | 1851 | 0.725744 | 1.377896 | 4.0106% | 1850 |
| 0.697760 | 1.433158 | 2.3254% | 1849 | 0.681903 | 1.466484 | 2.7841% | 1848 |
| 0.663433 | 1.507312 | 2.8590% | 1847 | 0.644992 | 1.550406 | 2.9432% | 1846 |
| 0.626552 | 1.596037 | 3.0324% | 1845 | 0.608111 | 1.644436 | 3.1325% | 1844 |
| 0.589641 | 1.695948 | 3.2284% | 1843 | 0.571200 | 1.750699 | 3.3361% | 1842 |
| 0.552760 | 1.809103 | 3.4512% | 1841 | 0.534320 | 1.871539 | 3.8105% | 1840 |
| 0.514707 | 1.942854 | 2.3861% | 1839 | 0.502712 | 1.989211 | 2.5824% | 1838 |
| 0.490057 | 2.040580 | 2.6573% | 1837 | 0.477371 | 2.094805 | 2.7232% | 1836 |
| 0.464716 | 2.151851 | 2.7994% | 1835 | 0.452061 | 2.212091 | 2.8871% | 1834 |
| 0.439376 | 2.275957 | 2.9657% | 1833 | 0.426721 | 2.343454 | 3.0563% | 1832 |
| 0.414065 | 2.415078 | 3.1604% | 1831 | 0.401380 | 2.491405 | 3.4660% | 1830 |
| 0.387934 | 2.577756 | 2.4653% | 1829 | 0.378601 | 2.641305 | 2.6804% | 1828 |
| 0.368718 | 2.712103 | 10.3427% | 1827 | 0.334157 | 2.992606 | -4.2314% | 1826 |
| 0.348921 | 2.865976 | 2.9150% | 1825 | 0.339038 | 2.949520 | 3.0026% | 1824 |
| 0.329155 | 3.038081 | 3.0955% | 1823 | 0.319272 | 3.132125 | 3.1944% | 1822 |
| 0.309389 | 3.232178 | 3.3102% | 1821 | 0.299476 | 3.339169 | 3.2277% | 1820 |
| 0.290112 | 3.446949 | 2.6573% | 1819 | 0.282602 | 3.538544 | 2.6261% | 1818 |
| 0.275371 | 3.631470 | 2.6969% | 1817 | 0.268139 | 3.729408 | 2.7717% | 1816 |
| 0.260908 | 3.832775 | 2.8507% | 1815 | 0.253676 | 3.942036 | 2.9343% | 1814 |
| 0.246444 | 4.057709 | 3.0231% | 1813 | 0.239213 | 4.180375 | 3.1039% | 1812 |
| 0.232012 | 4.310130 | 3.2172% | 1811 | 0.224780 | 4.448794 | 3.0969% | 1810 |
| 0.218028 | 4.586569 | 2.9144% | 1809 | 0.211854 | 4.720239 | 2.8225% | 1808 |
| 0.206038 | 4.853466 | 2.9199% | 1807 | 0.200193 | 4.995184 | 2.9918% | 1806 |
| 0.194377 | 5.144629 | 3.0841% | 1805 | 0.188562 | 5.303292 | 3.1822% | 1804 |
| 0.182747 | 5.472053 | 3.2868% | 1803 | 0.176931 | 5.651907 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.171116 | 5.843987 | 3.5180% | 1801 | 0.165301 | 6.049581 | 3.3999% | 1800 |
| 0.159865 | 6.255263 | 2.8419% | 1799 | 0.155448 | 6.433030 | 2.7485% | 1798 |
| 0.151290 | 6.609839 | 2.8261% | 1797 | 0.147131 | 6.796641 | 3.7832% | 1796 |
| 0.141768 | 7.053773 | 2.1272% | 1795 | 0.138815 | 7.203820 | 3.0879% | 1794 |
| 0.134657 | 7.426270 | 3.1625% | 1793 | 0.130529 | 7.661127 | 3.2904% | 1792 |
| 0.126371 | 7.913209 | 3.4024% | 1791 | 0.122213 | 8.182446 | 3.2296% | 1790 |
| 0.118389 | 8.446703 | 41.3145% | 1780 | 0.083777 | 11.936412 | 29.4353% | 1770 |
| 0.064725 | 15.449932 | 83.4728% | 1750 | 0.035278 | 28.346430 | 29.2845% | 1740 |
| 0.027287 | 36.647527 | 94.2514% | 1720 | 0.014047 | 71.188331 | 85.8111% | 1700 |
| 0.007560 | 132.275807 | 19.2490% | 1690 | 0.006340 | 157.737643 | 88.0250% | 1670 |
| 0.003372 | 296.586238 | | | | | | |

BASE YEAR: 1861

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 9.317497 | 0.107325 | 8.2857% | 2001 | 8.604553 | 0.116218 | 1.0000% |
| 2000 | 8.519359 | 0.117380 | 1.0000% | 1999 | 8.435009 | 0.118554 | 1.0000% |
| 1998 | 8.351494 | 0.119739 | 1.0000% | 1997 | 8.268806 | 0.120936 | 1.0000% |
| 1996 | 8.186936 | 0.122146 | 1.0000% | 1995 | 8.105877 | 0.123367 | 0.9992% |
| 1994 | 8.025683 | 0.124600 | 1.0008% | 1993 | 7.946160 | 0.125847 | 1.0000% |
| 1992 | 7.867485 | 0.127105 | 0.9295% | 1991 | 7.795030 | 0.128287 | 1.2505% |
| 1990 | 7.698755 | 0.129891 | 0.7224% | 1989 | 7.643535 | 0.130830 | 1.1077% |
| 1988 | 7.559797 | 0.132279 | 0.8834% | 1987 | 7.493601 | 0.133447 | 0.5594% |
| 1986 | 7.451918 | 0.134194 | 1.3056% | 1985 | 7.355878 | 0.135946 | 0.7673% |
| 1984 | 7.299867 | 0.136989 | 0.8149% | 1983 | 7.240858 | 0.138105 | 0.9737% |
| 1982 | 7.171030 | 0.139450 | 0.9508% | 1981 | 7.103490 | 0.140776 | 0.9031% |
| 1980 | 7.039915 | 0.142047 | 2.2701% | 1979 | 6.883651 | 0.145272 | 1.0042% |
| 1978 | 6.815214 | 0.146731 | 0.9896% | 1977 | 6.748431 | 0.148183 | 0.9103% |
| 1976 | 6.687552 | 0.149532 | 0.8394% | 1975 | 6.631882 | 0.150787 | 0.9042% |
| 1974 | 6.572455 | 0.152150 | 1.1568% | 1973 | 6.497295 | 0.153910 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 6.436617 | 0.155361 | 0.7426% | 1971 | 6.389169 | 0.156515 | 1.4697% | 1970 |
| 6.296625 | 0.158815 | 0.6968% | 1969 | 6.253052 | 0.159922 | 0.8565% | 1968 |
| 6.199947 | 0.161292 | 1.5090% | 1967 | 6.107779 | 0.163726 | 0.9949% | 1966 |
| 6.047611 | 0.165355 | 1.0575% | 1965 | 5.984328 | 0.167103 | 1.1300% | 1964 |
| 5.917460 | 0.168991 | 1.5537% | 1963 | 5.826930 | 0.171617 | 1.4658% | 1962 |
| 5.742751 | 0.174133 | 1.5364% | 1961 | 5.655853 | 0.176808 | 2.1586% | 1960 |
| 5.536343 | 0.180625 | -1.6655% | 1959 | 5.630112 | 0.177616 | 4.3080% | 1958 |
| 5.397584 | 0.185268 | 2.1130% | 1957 | 5.285895 | 0.189183 | 1.9895% | 1956 |
| 5.182784 | 0.192946 | 2.1231% | 1955 | 5.075036 | 0.197043 | 1.4496% | 1954 |
| 5.002519 | 0.199899 | 2.1573% | 1953 | 4.896881 | 0.204212 | 1.2298% | 1952 |
| 4.837393 | 0.206723 | 1.6814% | 1951 | 4.757403 | 0.210199 | 1.6233% | 1950 |
| 4.681411 | 0.213611 | 1.4265% | 1949 | 4.615568 | 0.216658 | 1.7790% | 1948 |
| 4.534891 | 0.220512 | 1.8242% | 1947 | 4.453649 | 0.224535 | -2.6320% | 1946 |
| 4.574039 | 0.218625 | 3.1768% | 1945 | 4.433205 | 0.225570 | 6.4754% | 1944 |
| 4.163595 | 0.240177 | -0.3437% | 1943 | 4.177954 | 0.239352 | 0.6562% | 1942 |
| 4.150716 | 0.240922 | 0.6633% | 1941 | 4.123366 | 0.242520 | -5.6614% | 1940 |
| 4.370816 | 0.228790 | 8.0381% | 1939 | 4.045625 | 0.247181 | 0.8126% | 1938 |
| 4.013014 | 0.249189 | 0.7762% | 1937 | 3.982103 | 0.251124 | 0.6029% | 1936 |
| 3.958239 | 0.252638 | 0.5244% | 1935 | 3.937591 | 0.253962 | -3.0364% | 1934 |
| 4.060895 | 0.246251 | 4.6271% | 1933 | 3.881302 | 0.257646 | 1.3921% | 1932 |
| 3.828011 | 0.261232 | -0.2051% | 1931 | 3.835878 | 0.260696 | 0.8886% | 1930 |
| 3.802093 | 0.263013 | 1.0126% | 1929 | 3.763979 | 0.265676 | 1.1526% | 1928 |
| 3.721091 | 0.268738 | 1.2160% | 1927 | 3.676386 | 0.272006 | 1.4086% | 1926 |
| 3.625320 | 0.275838 | 1.7667% | 1925 | 3.562384 | 0.280711 | 1.4465% | 1924 |
| 3.511589 | 0.284771 | 1.7700% | 1923 | 3.450515 | 0.289812 | 1.6165% | 1922 |
| 3.395624 | 0.294497 | 1.3736% | 1921 | 3.349613 | 0.298542 | 2.3393% | 1920 |
| 3.273046 | 0.305526 | 1.3140% | 1919 | 3.230596 | 0.309540 | 0.7676% | 1918 |
| 3.205985 | 0.311917 | 0.3870% | 1917 | 3.193626 | 0.313124 | 1.3274% | 1916 |
| 3.151788 | 0.317280 | 1.4083% | 1915 | 3.108018 | 0.321748 | 1.4458% | 1914 |
| 3.063723 | 0.326400 | 1.9424% | 1913 | 3.005348 | 0.332740 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.946833 | 0.339347 | 1.5634% | 1911 | 2.901471 | 0.344653 | 1.8169% | 1910 |
| 2.849695 | 0.350915 | 1.8781% | 1909 | 2.797162 | 0.357505 | 2.0082% | 1908 |
| 2.742095 | 0.364685 | 1.9603% | 1907 | 2.689376 | 0.371833 | 1.8264% | 1906 |
| 2.641139 | 0.378624 | 1.9357% | 1905 | 2.590986 | 0.385953 | 2.0148% | 1904 |
| 2.539813 | 0.393730 | 2.1335% | 1903 | 2.486758 | 0.402130 | 1.8151% | 1902 |
| 2.442424 | 0.409429 | 1.8943% | 1901 | 2.397016 | 0.417185 | 3.0255% | 1900 |
| 2.326624 | 0.429807 | 0.6278% | 1899 | 2.312108 | 0.432506 | 1.7757% | 1898 |
| 2.271769 | 0.440186 | 1.8078% | 1897 | 2.231430 | 0.448143 | 1.8396% | 1896 |
| 2.191122 | 0.456387 | 1.8755% | 1895 | 2.150784 | 0.464947 | 1.9114% | 1894 |
| 2.110445 | 0.473834 | 1.9486% | 1893 | 2.070106 | 0.483067 | 1.9858% | 1892 |
| 2.029798 | 0.492660 | 2.0276% | 1891 | 1.989459 | 0.502649 | 2.6465% | 1890 |
| 1.938165 | 0.515952 | 1.5328% | 1889 | 1.908905 | 0.523860 | 2.0811% | 1888 |
| 1.869989 | 0.534763 | 2.1599% | 1887 | 1.830453 | 0.546313 | 2.2075% | 1886 |
| 1.790918 | 0.558373 | 2.2592% | 1885 | 1.751352 | 0.570987 | 2.3095% | 1884 |
| 1.711817 | 0.584175 | 2.3641% | 1883 | 1.672282 | 0.597985 | 2.4214% | 1882 |
| 1.632747 | 0.612465 | 2.4815% | 1881 | 1.593212 | 0.627663 | 3.7644% | 1880 |
| 1.535413 | 0.651291 | 0.9432% | 1879 | 1.521066 | 0.657434 | 2.1464% | 1878 |
| 1.489104 | 0.671545 | 2.1913% | 1877 | 1.457173 | 0.686260 | 2.2426% | 1876 |
| 1.425211 | 0.701651 | 2.2941% | 1875 | 1.393249 | 0.717747 | 2.3456% | 1874 |
| 1.361318 | 0.734582 | 2.4043% | 1873 | 1.329356 | 0.752244 | 2.4635% | 1872 |
| 1.297394 | 0.770776 | 2.5258% | 1871 | 1.265432 | 0.790244 | 5.9947% | 1870 |
| 1.193864 | 0.837616 | -1.0968% | 1869 | 1.207103 | 0.828429 | 2.1930% | 1868 |
| 1.181200 | 0.846597 | 2.2394% | 1867 | 1.155328 | 0.865555 | 2.2935% | 1866 |
| 1.129424 | 0.885407 | 2.3445% | 1865 | 1.103552 | 0.906165 | 2.4037% | 1864 |
| 1.077648 | 0.927947 | 2.4599% | 1863 | 1.051776 | 0.950773 | 2.5250% | 1862 |
| 1.025872 | 0.974780 | 2.5872% | 1861 | 1.000000 | 1.000000 | 2.9504% | 1860 |
| 0.971341 | 1.029504 | 2.4012% | 1859 | 0.948564 | 1.054225 | 2.7627% | 1858 |
| 0.923063 | 1.083350 | 2.8412% | 1857 | 0.897561 | 1.114130 | 2.9243% | 1856 |
| 0.872060 | 1.146711 | 3.0161% | 1855 | 0.846527 | 1.181297 | 3.1061% | 1854 |
| 0.821026 | 1.217989 | 3.2056% | 1853 | 0.795524 | 1.257033 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.770023 | 1.298663 | 3.4252% | 1851 | 0.744521 | 1.343145 | 4.0106% | 1850 |
| 0.715813 | 1.397014 | 2.3254% | 1849 | 0.699546 | 1.429499 | 2.7841% | 1848 |
| 0.680597 | 1.469298 | 2.8590% | 1847 | 0.661680 | 1.511305 | 2.9432% | 1846 |
| 0.642762 | 1.555785 | 3.0324% | 1845 | 0.623845 | 1.602963 | 3.1325% | 1844 |
| 0.604896 | 1.653176 | 3.2284% | 1843 | 0.585979 | 1.706546 | 3.3361% | 1842 |
| 0.567061 | 1.763478 | 3.4512% | 1841 | 0.548144 | 1.824339 | 3.8105% | 1840 |
| 0.528024 | 1.893855 | 2.3861% | 1839 | 0.515718 | 1.939043 | 2.5824% | 1838 |
| 0.502736 | 1.989117 | 2.6573% | 1837 | 0.489722 | 2.041974 | 2.7232% | 1836 |
| 0.476740 | 2.097582 | 2.7994% | 1835 | 0.463757 | 2.156302 | 2.8871% | 1834 |
| 0.450743 | 2.218557 | 2.9657% | 1833 | 0.437761 | 2.284352 | 3.0563% | 1832 |
| 0.424778 | 2.354170 | 3.1604% | 1831 | 0.411765 | 2.428571 | 3.4660% | 1830 |
| 0.397971 | 2.512745 | 2.4653% | 1829 | 0.388396 | 2.574692 | 2.6804% | 1828 |
| 0.378257 | 2.643704 | 10.3427% | 1827 | 0.342802 | 2.917133 | -4.2314% | 1826 |
| 0.357949 | 2.793696 | 2.9150% | 1825 | 0.347810 | 2.875133 | 3.0026% | 1824 |
| 0.337671 | 2.961461 | 3.0955% | 1823 | 0.327532 | 3.053133 | 3.1944% | 1822 |
| 0.317394 | 3.150662 | 3.3102% | 1821 | 0.307224 | 3.254955 | 3.2277% | 1820 |
| 0.297618 | 3.360017 | 2.6573% | 1819 | 0.289914 | 3.449302 | 2.6261% | 1818 |
| 0.282495 | 3.539884 | 2.6969% | 1817 | 0.275077 | 3.635352 | 2.7717% | 1816 |
| 0.267658 | 3.736113 | 2.8507% | 1815 | 0.260239 | 3.842618 | 2.9343% | 1814 |
| 0.252821 | 3.955374 | 3.0231% | 1813 | 0.245402 | 4.074946 | 3.1039% | 1812 |
| 0.238014 | 4.201429 | 3.2172% | 1811 | 0.230596 | 4.336595 | 3.0969% | 1810 |
| 0.223669 | 4.470896 | 2.9144% | 1809 | 0.217335 | 4.601195 | 2.8225% | 1808 |
| 0.211369 | 4.731062 | 2.9199% | 1807 | 0.205372 | 4.869205 | 2.9918% | 1806 |
| 0.199407 | 5.014881 | 3.0841% | 1805 | 0.193441 | 5.169543 | 3.1822% | 1804 |
| 0.187475 | 5.334048 | 3.2868% | 1803 | 0.181509 | 5.509366 | 3.3985% | 1802 |
| 0.175543 | 5.696602 | 3.5180% | 1801 | 0.169577 | 5.897011 | 3.3999% | 1800 |
| 0.164001 | 6.097506 | 2.8419% | 1799 | 0.159470 | 6.270789 | 2.7485% | 1798 |
| 0.155204 | 6.443139 | 2.8261% | 1797 | 0.150938 | 6.625230 | 3.7832% | 1796 |
| 0.145436 | 6.875877 | 2.1272% | 1795 | 0.142407 | 7.022140 | 3.0879% | 1794 |
| 0.138141 | 7.238980 | 3.1625% | 1793 | 0.133906 | 7.467913 | 3.2904% | 1792 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.129641 | 7.713639 | 3.4024% | 1791 | 0.125375 | 7.976085 | 3.2296% | 1790 |
| 0.121452 | 8.233678 | 41.3145% | 1780 | 0.085945 | 11.635376 | 29.4353% | 1770 |
| 0.066400 | 15.060286 | 83.4728% | 1750 | 0.036191 | 27.631534 | 29.2845% | 1740 |
| 0.027993 | 35.723277 | 94.2514% | 1720 | 0.014411 | 69.392964 | 85.8111% | 1700 |
| 0.007756 | 128.939817 | 19.2490% | 1690 | 0.006504 | 153.759506 | 88.0250% | 1670 |
| 0.003459 | 289.106345 | | | | | | |

BASE YEAR: 1860

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|---------|------|----------|----------|---------|
| 2009 | 9.592401 | 0.104249 | 8.2857% | 2001 | 8.858422 | 0.112887 | 1.0000% |
| 2000 | 8.770714 | 0.114016 | 1.0000% | 1999 | 8.683876 | 0.115156 | 1.0000% |
| 1998 | 8.597897 | 0.116308 | 1.0000% | 1997 | 8.512769 | 0.117471 | 1.0000% |
| 1996 | 8.428484 | 0.118645 | 1.0000% | 1995 | 8.345034 | 0.119832 | 0.9992% |
| 1994 | 8.262473 | 0.121029 | 1.0008% | 1993 | 8.180604 | 0.122240 | 1.0000% |
| 1992 | 8.099608 | 0.123463 | 0.9295% | 1991 | 8.025015 | 0.124610 | 1.2505% |
| 1990 | 7.925900 | 0.126169 | 0.7224% | 1989 | 7.869050 | 0.127080 | 1.1077% |
| 1988 | 7.782842 | 0.128488 | 0.8834% | 1987 | 7.714693 | 0.129623 | 0.5594% |
| 1986 | 7.671780 | 0.130348 | 1.3056% | 1985 | 7.572906 | 0.132050 | 0.7673% |
| 1984 | 7.515243 | 0.133063 | 0.8149% | 1983 | 7.454493 | 0.134147 | 0.9737% |
| 1982 | 7.382605 | 0.135454 | 0.9508% | 1981 | 7.313072 | 0.136741 | 0.9031% |
| 1980 | 7.247621 | 0.137976 | 2.2701% | 1979 | 7.086747 | 0.141108 | 1.0042% |
| 1978 | 7.016291 | 0.142525 | 0.9896% | 1977 | 6.947537 | 0.143936 | 0.9103% |
| 1976 | 6.884862 | 0.145246 | 0.8394% | 1975 | 6.827549 | 0.146465 | 0.9042% |
| 1974 | 6.766369 | 0.147790 | 1.1568% | 1973 | 6.688992 | 0.149499 | 0.9427% |
| 1972 | 6.626524 | 0.150909 | 0.7426% | 1971 | 6.577675 | 0.152029 | 1.4697% |
| 1970 | 6.482401 | 0.154264 | 0.6968% | 1969 | 6.437543 | 0.155339 | 0.8565% |
| 1968 | 6.382871 | 0.156669 | 1.5090% | 1967 | 6.287983 | 0.159034 | 0.9949% |
| 1966 | 6.226040 | 0.160616 | 1.0575% | 1965 | 6.160890 | 0.162314 | 1.1300% |
| 1964 | 6.092049 | 0.164148 | 1.5537% | 1963 | 5.998848 | 0.166699 | 1.4658% |
| 1962 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.912186 | 0.169142 | 1.5364% | 1961 | 5.822724 | 0.171741 | 2.1586% | 1960 |
| 5.699688 | 0.175448 | -1.6655% | 1959 | 5.796223 | 0.172526 | 4.3080% | 1958 |
| 5.556835 | 0.179959 | 2.1130% | 1957 | 5.441851 | 0.183761 | 1.9895% | 1956 |
| 5.335697 | 0.187417 | 2.1231% | 1955 | 5.224771 | 0.191396 | 1.4496% | 1954 |
| 5.150114 | 0.194170 | 2.1573% | 1953 | 5.041359 | 0.198359 | 1.2298% | 1952 |
| 4.980116 | 0.200799 | 1.6814% | 1951 | 4.897766 | 0.204175 | 1.6233% | 1950 |
| 4.819532 | 0.207489 | 1.4265% | 1949 | 4.751746 | 0.210449 | 1.7790% | 1948 |
| 4.668688 | 0.214193 | 1.8242% | 1947 | 4.585050 | 0.218100 | -2.6320% | 1946 |
| 4.708992 | 0.212360 | 3.1768% | 1945 | 4.564003 | 0.219106 | 6.4754% | 1944 |
| 4.286438 | 0.233294 | -0.3437% | 1943 | 4.301220 | 0.232492 | 0.6562% | 1942 |
| 4.273179 | 0.234018 | 0.6633% | 1941 | 4.245022 | 0.235570 | -5.6614% | 1940 |
| 4.499773 | 0.222233 | 8.0381% | 1939 | 4.164987 | 0.240097 | 0.8126% | 1938 |
| 4.131414 | 0.242048 | 0.7762% | 1937 | 4.099591 | 0.243927 | 0.6029% | 1936 |
| 4.075023 | 0.245397 | 0.5244% | 1935 | 4.053766 | 0.246684 | -3.0364% | 1934 |
| 4.180707 | 0.239194 | 4.6271% | 1933 | 3.995816 | 0.250262 | 1.3921% | 1932 |
| 3.940953 | 0.253746 | -0.2051% | 1931 | 3.949052 | 0.253225 | 0.8886% | 1930 |
| 3.914270 | 0.255475 | 1.0126% | 1929 | 3.875032 | 0.258062 | 1.1526% | 1928 |
| 3.830878 | 0.261037 | 1.2160% | 1927 | 3.784854 | 0.264211 | 1.4086% | 1926 |
| 3.732282 | 0.267933 | 1.7667% | 1925 | 3.667489 | 0.272666 | 1.4465% | 1924 |
| 3.615195 | 0.276610 | 1.7700% | 1923 | 3.552320 | 0.281506 | 1.6165% | 1922 |
| 3.495809 | 0.286057 | 1.3736% | 1921 | 3.448440 | 0.289986 | 2.3393% | 1920 |
| 3.369614 | 0.296770 | 1.3140% | 1919 | 3.325911 | 0.300669 | 0.7676% | 1918 |
| 3.300575 | 0.302978 | 0.3870% | 1917 | 3.287851 | 0.304150 | 1.3274% | 1916 |
| 3.244779 | 0.308187 | 1.4083% | 1915 | 3.199717 | 0.312528 | 1.4458% | 1914 |
| 3.154115 | 0.317046 | 1.9424% | 1913 | 3.094018 | 0.323204 | 1.9857% | 1912 |
| 3.033777 | 0.329622 | 1.5634% | 1911 | 2.987077 | 0.334775 | 1.8169% | 1910 |
| 2.933772 | 0.340858 | 1.8781% | 1909 | 2.879690 | 0.347260 | 2.0082% | 1908 |
| 2.822997 | 0.354233 | 1.9603% | 1907 | 2.768723 | 0.361177 | 1.8264% | 1906 |
| 2.719064 | 0.367774 | 1.9357% | 1905 | 2.667431 | 0.374893 | 2.0148% | 1904 |
| 2.614748 | 0.382446 | 2.1335% | 1903 | 2.560127 | 0.390606 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 2.514485 | 0.397696 | 1.8943% | 1901 | 2.467738 | 0.405229 | 3.0255% | 1900 |
| 2.395269 | 0.417490 | 0.6278% | 1899 | 2.380324 | 0.420111 | 1.7757% | 1898 |
| 2.338795 | 0.427571 | 1.8078% | 1897 | 2.297267 | 0.435300 | 1.8396% | 1896 |
| 2.255769 | 0.443308 | 1.8755% | 1895 | 2.214240 | 0.451622 | 1.9114% | 1894 |
| 2.172712 | 0.460254 | 1.9486% | 1893 | 2.131183 | 0.469223 | 1.9858% | 1892 |
| 2.089685 | 0.478541 | 2.0276% | 1891 | 2.048157 | 0.488244 | 2.6465% | 1890 |
| 1.995349 | 0.501165 | 1.5328% | 1889 | 1.965226 | 0.508847 | 2.0811% | 1888 |
| 1.925161 | 0.519437 | 2.1599% | 1887 | 1.884459 | 0.530656 | 2.2075% | 1886 |
| 1.843758 | 0.542371 | 2.2592% | 1885 | 1.803024 | 0.554624 | 2.3095% | 1884 |
| 1.762323 | 0.567433 | 2.3641% | 1883 | 1.721621 | 0.580848 | 2.4214% | 1882 |
| 1.680920 | 0.594912 | 2.4815% | 1881 | 1.640218 | 0.609675 | 3.7644% | 1880 |
| 1.580714 | 0.632626 | 0.9432% | 1879 | 1.565943 | 0.638593 | 2.1464% | 1878 |
| 1.533039 | 0.652299 | 2.1913% | 1877 | 1.500165 | 0.666593 | 2.2426% | 1876 |
| 1.467260 | 0.681542 | 2.2941% | 1875 | 1.434356 | 0.697177 | 2.3456% | 1874 |
| 1.401482 | 0.713530 | 2.4043% | 1873 | 1.368578 | 0.730686 | 2.4635% | 1872 |
| 1.335673 | 0.748686 | 2.5258% | 1871 | 1.302768 | 0.767597 | 5.9947% | 1870 |
| 1.229088 | 0.813611 | -1.0968% | 1869 | 1.242718 | 0.804688 | 2.1930% | 1868 |
| 1.216050 | 0.822334 | 2.2394% | 1867 | 1.189414 | 0.840750 | 2.2935% | 1866 |
| 1.162747 | 0.860033 | 2.3445% | 1865 | 1.136111 | 0.880196 | 2.4037% | 1864 |
| 1.109443 | 0.901353 | 2.4599% | 1863 | 1.082808 | 0.923525 | 2.5250% | 1862 |
| 1.056140 | 0.946844 | 2.5872% | 1861 | 1.029504 | 0.971341 | 2.9504% | 1860 |
| 1.000000 | 1.000000 | 2.4012% | 1859 | 0.976551 | 1.024012 | 2.7627% | 1858 |
| 0.950297 | 1.052303 | 2.8412% | 1857 | 0.924043 | 1.082201 | 2.9243% | 1856 |
| 0.897789 | 1.113848 | 3.0161% | 1855 | 0.871503 | 1.147443 | 3.1061% | 1854 |
| 0.845249 | 1.183083 | 3.2056% | 1853 | 0.818995 | 1.221008 | 3.3118% | 1852 |
| 0.792741 | 1.261445 | 3.4252% | 1851 | 0.766487 | 1.304653 | 4.0106% | 1850 |
| 0.736932 | 1.356977 | 2.3254% | 1849 | 0.720185 | 1.388532 | 2.7841% | 1848 |
| 0.700678 | 1.427190 | 2.8590% | 1847 | 0.681202 | 1.467993 | 2.9432% | 1846 |
| 0.661726 | 1.511199 | 3.0324% | 1845 | 0.642251 | 1.557024 | 3.1325% | 1844 |
| 0.622743 | 1.605798 | 3.2284% | 1843 | 0.603268 | 1.657639 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.583792 | 1.712939 | 3.4512% | 1841 | 0.564316 | 1.772056 | 3.8105% | 1840 |
| 0.543602 | 1.839580 | 2.3861% | 1839 | 0.530934 | 1.883473 | 2.5824% | 1838 |
| 0.517568 | 1.932112 | 2.6573% | 1837 | 0.504171 | 1.983454 | 2.7232% | 1836 |
| 0.490805 | 2.037468 | 2.7994% | 1835 | 0.477440 | 2.094506 | 2.8871% | 1834 |
| 0.464042 | 2.154977 | 2.9657% | 1833 | 0.450677 | 2.218886 | 3.0563% | 1832 |
| 0.437311 | 2.286703 | 3.1604% | 1831 | 0.423913 | 2.358972 | 3.4660% | 1830 |
| 0.409713 | 2.440733 | 2.4653% | 1829 | 0.399855 | 2.500905 | 2.6804% | 1828 |
| 0.389417 | 2.567939 | 10.3427% | 1827 | 0.352916 | 2.833532 | -4.2314% | 1826 |
| 0.368510 | 2.713633 | 2.9150% | 1825 | 0.358072 | 2.792736 | 3.0026% | 1824 |
| 0.347634 | 2.876590 | 3.0955% | 1823 | 0.337196 | 2.965635 | 3.1944% | 1822 |
| 0.326758 | 3.060369 | 3.3102% | 1821 | 0.316288 | 3.161673 | 3.2277% | 1820 |
| 0.306398 | 3.263724 | 2.6573% | 1819 | 0.298467 | 3.350450 | 2.6261% | 1818 |
| 0.290830 | 3.438436 | 2.6969% | 1817 | 0.283192 | 3.531168 | 2.7717% | 1816 |
| 0.275555 | 3.629041 | 2.8507% | 1815 | 0.267917 | 3.732494 | 2.9343% | 1814 |
| 0.260280 | 3.842018 | 3.0231% | 1813 | 0.252642 | 3.958165 | 3.1039% | 1812 |
| 0.245037 | 4.081022 | 3.2172% | 1811 | 0.237399 | 4.212315 | 3.0969% | 1810 |
| 0.230268 | 4.342767 | 2.9144% | 1809 | 0.223747 | 4.469331 | 2.8225% | 1808 |
| 0.217605 | 4.595476 | 2.9199% | 1807 | 0.211432 | 4.729661 | 2.9918% | 1806 |
| 0.205290 | 4.871162 | 3.0841% | 1805 | 0.199148 | 5.021391 | 3.1822% | 1804 |
| 0.193006 | 5.181182 | 3.2868% | 1803 | 0.186864 | 5.351476 | 3.3985% | 1802 |
| 0.180723 | 5.533345 | 3.5180% | 1801 | 0.174581 | 5.728011 | 3.3999% | 1800 |
| 0.168840 | 5.922760 | 2.8419% | 1799 | 0.164175 | 6.091077 | 2.7485% | 1798 |
| 0.159783 | 6.258488 | 2.8261% | 1797 | 0.155391 | 6.435361 | 3.7832% | 1796 |
| 0.149727 | 6.678824 | 2.1272% | 1795 | 0.146608 | 6.820896 | 3.0879% | 1794 |
| 0.142217 | 7.031521 | 3.1625% | 1793 | 0.137857 | 7.253894 | 3.2904% | 1792 |
| 0.133465 | 7.492577 | 3.4024% | 1791 | 0.129074 | 7.747502 | 3.2296% | 1790 |
| 0.125036 | 7.997712 | 41.3145% | 1780 | 0.088481 | 11.301923 | 29.4353% | 1770 |
| 0.068359 | 14.628680 | 83.4728% | 1750 | 0.037258 | 26.839655 | 29.2845% | 1740 |
| 0.028819 | 34.699501 | 94.2514% | 1720 | 0.014836 | 67.404264 | 85.8111% | 1700 |

0.007984 125.244591 19.2490% 1690 0.006696 149.352985 88.0250%
1670 0.003561 280.820983

BASE YEAR: 1859

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|----------|----------|----------|------|----------|----------|---------|
| 2009 | 9.822738 | 0.101805 | 8.2857% | 2001 | 9.071134 | 0.110240 | 1.0000% |
| 2000 | 8.981320 | 0.111342 | 1.0000% | 1999 | 8.892396 | 0.112456 | 1.0000% |
| 1998 | 8.804353 | 0.113580 | 1.0000% | 1997 | 8.717181 | 0.114716 | 1.0000% |
| 1996 | 8.630872 | 0.115863 | 1.0000% | 1995 | 8.545418 | 0.117022 | 0.9992% |
| 1994 | 8.460875 | 0.118191 | 1.0008% | 1993 | 8.377039 | 0.119374 | 1.0000% |
| 1992 | 8.294098 | 0.120568 | 0.9295% | 1991 | 8.217714 | 0.121688 | 1.2505% |
| 1990 | 8.116220 | 0.123210 | 0.7224% | 1989 | 8.058005 | 0.124100 | 1.1077% |
| 1988 | 7.969727 | 0.125475 | 0.8834% | 1987 | 7.899941 | 0.126583 | 0.5594% |
| 1986 | 7.855998 | 0.127291 | 1.3056% | 1985 | 7.754750 | 0.128953 | 0.7673% |
| 1984 | 7.695702 | 0.129943 | 0.8149% | 1983 | 7.633493 | 0.131002 | 0.9737% |
| 1982 | 7.559879 | 0.132277 | 0.9508% | 1981 | 7.488676 | 0.133535 | 0.9031% |
| 1980 | 7.421654 | 0.134741 | 2.2701% | 1979 | 7.256917 | 0.137800 | 1.0042% |
| 1978 | 7.184769 | 0.139183 | 0.9896% | 1977 | 7.114364 | 0.140561 | 0.9103% |
| 1976 | 7.050184 | 0.141840 | 0.8394% | 1975 | 6.991495 | 0.143031 | 0.9042% |
| 1974 | 6.928846 | 0.144324 | 1.1568% | 1973 | 6.849611 | 0.145994 | 0.9427% |
| 1972 | 6.785642 | 0.147370 | 0.7426% | 1971 | 6.735621 | 0.148464 | 1.4697% |
| 1970 | 6.638059 | 0.150646 | 0.6968% | 1969 | 6.592124 | 0.151696 | 0.8565% |
| 1968 | 6.536139 | 0.152996 | 1.5090% | 1967 | 6.438973 | 0.155304 | 0.9949% |
| 1966 | 6.375542 | 0.156849 | 1.0575% | 1965 | 6.308828 | 0.158508 | 1.1300% |
| 1964 | 6.238334 | 0.160299 | 1.5537% | 1963 | 6.142894 | 0.162790 | 1.4658% |
| 1962 | 6.054152 | 0.165176 | 1.5364% | 1961 | 5.962541 | 0.167714 | 2.1586% |
| 1960 | 5.836551 | 0.171334 | -1.6655% | 1959 | 5.935404 | 0.168481 | 4.3080% |
| 1958 | 5.690268 | 0.175739 | 2.1130% | 1957 | 5.572523 | 0.179452 | 1.9895% |
| 1956 | 5.463820 | 0.183022 | 2.1231% | 1955 | 5.350230 | 0.186908 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.273780 | 0.189617 | 2.1573% | 1953 | 5.162414 | 0.193708 | 1.2298% | 1952 |
| 5.099700 | 0.196090 | 1.6814% | 1951 | 5.015373 | 0.199387 | 1.6233% | 1950 |
| 4.935260 | 0.202624 | 1.4265% | 1949 | 4.865847 | 0.205514 | 1.7790% | 1948 |
| 4.780795 | 0.209170 | 1.8242% | 1947 | 4.695148 | 0.212986 | -2.6320% | 1946 |
| 4.822066 | 0.207380 | 3.1768% | 1945 | 4.673595 | 0.213968 | 6.4754% | 1944 |
| 4.389366 | 0.227823 | -0.3437% | 1943 | 4.404503 | 0.227040 | 0.6562% | 1942 |
| 4.375788 | 0.228530 | 0.6633% | 1941 | 4.346955 | 0.230046 | -5.6614% | 1940 |
| 4.607823 | 0.217022 | 8.0381% | 1939 | 4.264998 | 0.234467 | 0.8126% | 1938 |
| 4.230619 | 0.236372 | 0.7762% | 1937 | 4.198032 | 0.238207 | 0.6029% | 1936 |
| 4.172875 | 0.239643 | 0.5244% | 1935 | 4.151106 | 0.240900 | -3.0364% | 1934 |
| 4.281096 | 0.233585 | 4.6271% | 1933 | 4.091765 | 0.244393 | 1.3921% | 1932 |
| 4.035585 | 0.247796 | -0.2051% | 1931 | 4.043879 | 0.247287 | 0.8886% | 1930 |
| 4.008261 | 0.249485 | 1.0126% | 1929 | 3.968081 | 0.252011 | 1.1526% | 1928 |
| 3.922866 | 0.254916 | 1.2160% | 1927 | 3.875737 | 0.258015 | 1.4086% | 1926 |
| 3.821903 | 0.261650 | 1.7667% | 1925 | 3.755554 | 0.266272 | 1.4465% | 1924 |
| 3.702004 | 0.270124 | 1.7700% | 1923 | 3.637619 | 0.274905 | 1.6165% | 1922 |
| 3.579752 | 0.279349 | 1.3736% | 1921 | 3.531245 | 0.283186 | 2.3393% | 1920 |
| 3.450527 | 0.289811 | 1.3140% | 1919 | 3.405774 | 0.293619 | 0.7676% | 1918 |
| 3.379829 | 0.295873 | 0.3870% | 1917 | 3.366800 | 0.297018 | 1.3274% | 1916 |
| 3.322694 | 0.300961 | 1.4083% | 1915 | 3.276550 | 0.305199 | 1.4458% | 1914 |
| 3.229853 | 0.309612 | 1.9424% | 1913 | 3.168312 | 0.315625 | 1.9857% | 1912 |
| 3.106625 | 0.321893 | 1.5634% | 1911 | 3.058803 | 0.326925 | 1.8169% | 1910 |
| 3.004219 | 0.332865 | 1.8781% | 1909 | 2.948838 | 0.339117 | 2.0082% | 1908 |
| 2.890784 | 0.345927 | 1.9603% | 1907 | 2.835207 | 0.352708 | 1.8264% | 1906 |
| 2.784355 | 0.359150 | 1.9357% | 1905 | 2.731482 | 0.366102 | 2.0148% | 1904 |
| 2.677534 | 0.373478 | 2.1335% | 1903 | 2.621602 | 0.381446 | 1.8151% | 1902 |
| 2.574864 | 0.388370 | 1.8943% | 1901 | 2.526994 | 0.395727 | 3.0255% | 1900 |
| 2.452785 | 0.407700 | 0.6278% | 1899 | 2.437482 | 0.410259 | 1.7757% | 1898 |
| 2.394956 | 0.417544 | 1.8078% | 1897 | 2.352429 | 0.425092 | 1.8396% | 1896 |
| 2.309936 | 0.432912 | 1.8755% | 1895 | 2.267410 | 0.441032 | 1.9114% | 1894 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 2.224884 | 0.449462 | 1.9486% | 1893 | 2.182357 | 0.458220 | 1.9858% | 1892 |
| 2.139864 | 0.467319 | 2.0276% | 1891 | 2.097338 | 0.476795 | 2.6465% | 1890 |
| 2.043262 | 0.489413 | 1.5328% | 1889 | 2.012416 | 0.496915 | 2.0811% | 1888 |
| 1.971389 | 0.507257 | 2.1599% | 1887 | 1.929710 | 0.518213 | 2.2075% | 1886 |
| 1.888031 | 0.529652 | 2.2592% | 1885 | 1.846319 | 0.541618 | 2.3095% | 1884 |
| 1.804640 | 0.554127 | 2.3641% | 1883 | 1.762962 | 0.567227 | 2.4214% | 1882 |
| 1.721283 | 0.580962 | 2.4815% | 1881 | 1.679604 | 0.595379 | 3.7644% | 1880 |
| 1.618671 | 0.617791 | 0.9432% | 1879 | 1.603545 | 0.623618 | 2.1464% | 1878 |
| 1.569850 | 0.637003 | 2.1913% | 1877 | 1.536188 | 0.650962 | 2.2426% | 1876 |
| 1.502493 | 0.665561 | 2.2941% | 1875 | 1.468798 | 0.680829 | 2.3456% | 1874 |
| 1.435135 | 0.696798 | 2.4043% | 1873 | 1.401440 | 0.713552 | 2.4635% | 1872 |
| 1.367745 | 0.731130 | 2.5258% | 1871 | 1.334050 | 0.749597 | 5.9947% | 1870 |
| 1.258601 | 0.794533 | -1.0968% | 1869 | 1.272558 | 0.785819 | 2.1930% | 1868 |
| 1.245250 | 0.803051 | 2.2394% | 1867 | 1.217975 | 0.821035 | 2.2935% | 1866 |
| 1.190667 | 0.839865 | 2.3445% | 1865 | 1.163392 | 0.859556 | 2.4037% | 1864 |
| 1.136084 | 0.880217 | 2.4599% | 1863 | 1.108808 | 0.901869 | 2.5250% | 1862 |
| 1.081500 | 0.924641 | 2.5872% | 1861 | 1.054225 | 0.948564 | 2.9504% | 1860 |
| 1.024012 | 0.976551 | 2.4012% | 1859 | 1.000000 | 1.000000 | 2.7627% | 1858 |
| 0.973116 | 1.027627 | 2.8412% | 1857 | 0.946231 | 1.056824 | 2.9243% | 1856 |
| 0.919347 | 1.087729 | 3.0161% | 1855 | 0.892430 | 1.120536 | 3.1061% | 1854 |
| 0.865546 | 1.155341 | 3.2056% | 1853 | 0.838661 | 1.192376 | 3.3118% | 1852 |
| 0.811777 | 1.231865 | 3.4252% | 1851 | 0.784893 | 1.274060 | 4.0106% | 1850 |
| 0.754627 | 1.325157 | 2.3254% | 1849 | 0.737478 | 1.355972 | 2.7841% | 1848 |
| 0.717503 | 1.393723 | 2.8590% | 1847 | 0.697559 | 1.433570 | 2.9432% | 1846 |
| 0.677616 | 1.475762 | 3.0324% | 1845 | 0.657673 | 1.520513 | 3.1325% | 1844 |
| 0.637697 | 1.568143 | 3.2284% | 1843 | 0.617753 | 1.618769 | 3.3361% | 1842 |
| 0.597810 | 1.672772 | 3.4512% | 1841 | 0.577867 | 1.730502 | 3.8105% | 1840 |
| 0.556656 | 1.796443 | 2.3861% | 1839 | 0.543683 | 1.839307 | 2.5824% | 1838 |
| 0.529996 | 1.886805 | 2.6573% | 1837 | 0.516277 | 1.936944 | 2.7232% | 1836 |
| 0.502591 | 1.989691 | 2.7994% | 1835 | 0.488904 | 2.045391 | 2.8871% | 1834 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.475185 | 2.104444 | 2.9657% | 1833 | 0.461498 | 2.166855 | 3.0563% | 1832 |
| 0.447812 | 2.233081 | 3.1604% | 1831 | 0.434093 | 2.303656 | 3.4660% | 1830 |
| 0.419551 | 2.383500 | 2.4653% | 1829 | 0.409457 | 2.442260 | 2.6804% | 1828 |
| 0.398768 | 2.507722 | 10.3427% | 1827 | 0.361391 | 2.767087 | -4.2314% | 1826 |
| 0.377358 | 2.650000 | 2.9150% | 1825 | 0.366670 | 2.727248 | 3.0026% | 1824 |
| 0.355981 | 2.809136 | 3.0955% | 1823 | 0.345293 | 2.896093 | 3.1944% | 1822 |
| 0.334604 | 2.988605 | 3.3102% | 1821 | 0.323883 | 3.087534 | 3.2277% | 1820 |
| 0.313756 | 3.187191 | 2.6573% | 1819 | 0.305634 | 3.271884 | 2.6261% | 1818 |
| 0.297813 | 3.357807 | 2.6969% | 1817 | 0.289993 | 3.448365 | 2.7717% | 1816 |
| 0.282172 | 3.543943 | 2.8507% | 1815 | 0.274351 | 3.644970 | 2.9343% | 1814 |
| 0.266530 | 3.751926 | 3.0231% | 1813 | 0.258709 | 3.865348 | 3.1039% | 1812 |
| 0.250921 | 3.985325 | 3.2172% | 1811 | 0.243100 | 4.113539 | 3.0969% | 1810 |
| 0.235797 | 4.240932 | 2.9144% | 1809 | 0.229120 | 4.364529 | 2.8225% | 1808 |
| 0.222831 | 4.487716 | 2.9199% | 1807 | 0.216509 | 4.618754 | 2.9918% | 1806 |
| 0.210219 | 4.756937 | 3.0841% | 1805 | 0.203930 | 4.903643 | 3.1822% | 1804 |
| 0.197641 | 5.059687 | 3.2868% | 1803 | 0.191351 | 5.225988 | 3.3985% | 1802 |
| 0.185062 | 5.403592 | 3.5180% | 1801 | 0.178773 | 5.593693 | 3.3999% | 1800 |
| 0.172894 | 5.783876 | 2.8419% | 1799 | 0.168117 | 5.948246 | 2.7485% | 1798 |
| 0.163620 | 6.111731 | 2.8261% | 1797 | 0.159123 | 6.284456 | 3.7832% | 1796 |
| 0.153322 | 6.522210 | 2.1272% | 1795 | 0.150129 | 6.660951 | 3.0879% | 1794 |
| 0.145632 | 6.866637 | 3.1625% | 1793 | 0.141167 | 7.083795 | 3.2904% | 1792 |
| 0.136670 | 7.316881 | 3.4024% | 1791 | 0.132173 | 7.565828 | 3.2296% | 1790 |
| 0.128038 | 7.810172 | 41.3145% | 1780 | 0.090605 | 11.036901 | 29.4353% | 1770 |
| 0.070000 | 14.285648 | 83.4728% | 1750 | 0.038153 | 26.210284 | 29.2845% | 1740 |
| 0.029511 | 33.885822 | 94.2514% | 1720 | 0.015192 | 65.823681 | 85.8111% | 1700 |
| 0.008176 | 122.307692 | 19.2490% | 1690 | 0.006856 | 145.850760 | 88.0250% | 1670 |
| 0.003646 | 274.235925 | | | | | | |

BASE YEAR: 1858

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|----------|----------|----------|
| 2009 | 10.094111 | 0.099068 | 8.2857% | 2001 | 9.321743 | 0.107276 | 1.0000% |
| 2000 | 9.229448 | 0.108349 | 1.0000% | 1999 | 9.138067 | 0.109432 | 1.0000% |
| 1998 | 9.047591 | 0.110527 | 1.0000% | 1997 | 8.958011 | 0.111632 | 1.0000% |
| 1996 | 8.869318 | 0.112748 | 1.0000% | 1995 | 8.781503 | 0.113876 | 0.9992% |
| 1994 | 8.694624 | 0.115014 | 1.0008% | 1993 | 8.608473 | 0.116165 | 1.0000% |
| 1992 | 8.523240 | 0.117326 | 0.9295% | 1991 | 8.444746 | 0.118417 | 1.2505% |
| 1990 | 8.340447 | 0.119898 | 0.7224% | 1989 | 8.280624 | 0.120764 | 1.1077% |
| 1988 | 8.189907 | 0.122102 | 0.8834% | 1987 | 8.118194 | 0.123180 | 0.5594% |
| 1986 | 8.073036 | 0.123869 | 1.3056% | 1985 | 7.968991 | 0.125486 | 0.7673% |
| 1984 | 7.908312 | 0.126449 | 0.8149% | 1983 | 7.844384 | 0.127480 | 0.9737% |
| 1982 | 7.768736 | 0.128721 | 0.9508% | 1981 | 7.695566 | 0.129945 | 0.9031% |
| 1980 | 7.626692 | 0.131118 | 2.2701% | 1979 | 7.457404 | 0.134095 | 1.0042% |
| 1978 | 7.383263 | 0.135441 | 0.9896% | 1977 | 7.310914 | 0.136782 | 0.9103% |
| 1976 | 7.244960 | 0.138027 | 0.8394% | 1975 | 7.184649 | 0.139186 | 0.9042% |
| 1974 | 7.120270 | 0.140444 | 1.1568% | 1973 | 7.038845 | 0.142069 | 0.9427% |
| 1972 | 6.973110 | 0.143408 | 0.7426% | 1971 | 6.921707 | 0.144473 | 1.4697% |
| 1970 | 6.821449 | 0.146596 | 0.6968% | 1969 | 6.774245 | 0.147618 | 0.8565% |
| 1968 | 6.716714 | 0.148882 | 1.5090% | 1967 | 6.616863 | 0.151129 | 0.9949% |
| 1966 | 6.551679 | 0.152633 | 1.0575% | 1965 | 6.483122 | 0.154247 | 1.1300% |
| 1964 | 6.410681 | 0.155990 | 1.5537% | 1963 | 6.312605 | 0.158413 | 1.4658% |
| 1962 | 6.221410 | 0.160735 | 1.5364% | 1961 | 6.127269 | 0.163205 | 2.1586% |
| 1960 | 5.997798 | 0.166728 | -1.6655% | 1959 | 6.099382 | 0.163951 | 4.3080% |
| 1958 | 5.847473 | 0.171014 | 2.1130% | 1957 | 5.726475 | 0.174627 | 1.9895% |
| 1956 | 5.614770 | 0.178102 | 2.1231% | 1955 | 5.498041 | 0.181883 | 1.4496% |
| 1954 | 5.419480 | 0.184520 | 2.1573% | 1953 | 5.305037 | 0.188500 | 1.2298% |
| 1952 | 5.240590 | 0.190818 | 1.6814% | 1951 | 5.153933 | 0.194027 | 1.6233% |
| 1950 | 5.071607 | 0.197176 | 1.4265% | 1949 | 5.000276 | 0.199989 | 1.7790% |
| 1948 | 4.912874 | 0.203547 | 1.8242% | 1947 | 4.824861 | 0.207260 | -2.6320% |
| 1946 | 4.955286 | 0.201805 | 3.1768% | 1945 | 4.802713 | 0.208216 | 6.4754% |
| 1944 | 4.510631 | 0.221698 | -0.3437% | 1943 | 4.526187 | 0.220937 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.496678 | 0.222386 | 0.6633% | 1941 | 4.467048 | 0.223861 | -5.6614% | 1940 |
| 4.735124 | 0.211188 | 8.0381% | 1939 | 4.382828 | 0.228163 | 0.8126% | 1938 |
| 4.347498 | 0.230017 | 0.7762% | 1937 | 4.314011 | 0.231803 | 0.6029% | 1936 |
| 4.288159 | 0.233200 | 0.5244% | 1935 | 4.265789 | 0.234423 | -3.0364% | 1934 |
| 4.399370 | 0.227305 | 4.6271% | 1933 | 4.204809 | 0.237823 | 1.3921% | 1932 |
| 4.147077 | 0.241134 | -0.2051% | 1931 | 4.155599 | 0.240639 | 0.8886% | 1930 |
| 4.118998 | 0.242778 | 1.0126% | 1929 | 4.077707 | 0.245236 | 1.1526% | 1928 |
| 4.031244 | 0.248062 | 1.2160% | 1927 | 3.982813 | 0.251079 | 1.4086% | 1926 |
| 3.927491 | 0.254615 | 1.7667% | 1925 | 3.859309 | 0.259114 | 1.4465% | 1924 |
| 3.804280 | 0.262862 | 1.7700% | 1923 | 3.738116 | 0.267514 | 1.6165% | 1922 |
| 3.678650 | 0.271839 | 1.3736% | 1921 | 3.628803 | 0.275573 | 2.3393% | 1920 |
| 3.545855 | 0.282019 | 1.3140% | 1919 | 3.499866 | 0.285725 | 0.7676% | 1918 |
| 3.473204 | 0.287919 | 0.3870% | 1917 | 3.459815 | 0.289033 | 1.3274% | 1916 |
| 3.414490 | 0.292870 | 1.4083% | 1915 | 3.367072 | 0.296994 | 1.4458% | 1914 |
| 3.319084 | 0.301288 | 1.9424% | 1913 | 3.255844 | 0.307140 | 1.9857% | 1912 |
| 3.192452 | 0.313239 | 1.5634% | 1911 | 3.143309 | 0.318136 | 1.8169% | 1910 |
| 3.087217 | 0.323916 | 1.8781% | 1909 | 3.030306 | 0.330000 | 2.0082% | 1908 |
| 2.970648 | 0.336627 | 1.9603% | 1907 | 2.913536 | 0.343226 | 1.8264% | 1906 |
| 2.861279 | 0.349494 | 1.9357% | 1905 | 2.806945 | 0.356259 | 2.0148% | 1904 |
| 2.751507 | 0.363437 | 2.1335% | 1903 | 2.694029 | 0.371191 | 1.8151% | 1902 |
| 2.646000 | 0.377929 | 1.8943% | 1901 | 2.596808 | 0.385088 | 3.0255% | 1900 |
| 2.520548 | 0.396739 | 0.6278% | 1899 | 2.504822 | 0.399230 | 1.7757% | 1898 |
| 2.461121 | 0.406319 | 1.8078% | 1897 | 2.417420 | 0.413664 | 1.8396% | 1896 |
| 2.373753 | 0.421274 | 1.8755% | 1895 | 2.330052 | 0.429175 | 1.9114% | 1894 |
| 2.286351 | 0.437378 | 1.9486% | 1893 | 2.242650 | 0.445901 | 1.9858% | 1892 |
| 2.198982 | 0.454756 | 2.0276% | 1891 | 2.155281 | 0.463977 | 2.6465% | 1890 |
| 2.099712 | 0.476256 | 1.5328% | 1889 | 2.068013 | 0.483556 | 2.0811% | 1888 |
| 2.025852 | 0.493619 | 2.1599% | 1887 | 1.983022 | 0.504281 | 2.2075% | 1886 |
| 1.940192 | 0.515413 | 2.2592% | 1885 | 1.897328 | 0.527057 | 2.3095% | 1884 |
| 1.854497 | 0.539230 | 2.3641% | 1883 | 1.811667 | 0.551978 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.768837 | 0.565343 | 2.4815% | 1881 | 1.726006 | 0.579372 | 3.7644% | 1880 |
| 1.663390 | 0.601182 | 0.9432% | 1879 | 1.647847 | 0.606853 | 2.1464% | 1878 |
| 1.613221 | 0.619878 | 2.1913% | 1877 | 1.578628 | 0.633461 | 2.2426% | 1876 |
| 1.544002 | 0.647667 | 2.2941% | 1875 | 1.509376 | 0.662525 | 2.3456% | 1874 |
| 1.474784 | 0.678065 | 2.4043% | 1873 | 1.440158 | 0.694368 | 2.4635% | 1872 |
| 1.405532 | 0.711474 | 2.5258% | 1871 | 1.370906 | 0.729445 | 5.9947% | 1870 |
| 1.293373 | 0.773172 | -1.0968% | 1869 | 1.307715 | 0.764692 | 2.1930% | 1868 |
| 1.279653 | 0.781462 | 2.2394% | 1867 | 1.251624 | 0.798962 | 2.2935% | 1866 |
| 1.223562 | 0.817286 | 2.3445% | 1865 | 1.195533 | 0.836447 | 2.4037% | 1864 |
| 1.167470 | 0.856553 | 2.4599% | 1863 | 1.139441 | 0.877623 | 2.5250% | 1862 |
| 1.111379 | 0.899783 | 2.5872% | 1861 | 1.083350 | 0.923063 | 2.9504% | 1860 |
| 1.052303 | 0.950297 | 2.4012% | 1859 | 1.027627 | 0.973116 | 2.7627% | 1858 |
| 1.000000 | 1.000000 | 2.8412% | 1857 | 0.972373 | 1.028412 | 2.9243% | 1856 |
| 0.944746 | 1.058486 | 3.0161% | 1855 | 0.917085 | 1.090411 | 3.1061% | 1854 |
| 0.889458 | 1.124280 | 3.2056% | 1853 | 0.861831 | 1.160320 | 3.3118% | 1852 |
| 0.834204 | 1.198748 | 3.4252% | 1851 | 0.806577 | 1.239807 | 4.0106% | 1850 |
| 0.775476 | 1.289531 | 2.3254% | 1849 | 0.757853 | 1.319517 | 2.7841% | 1848 |
| 0.737325 | 1.356254 | 2.8590% | 1847 | 0.716831 | 1.395029 | 2.9432% | 1846 |
| 0.696336 | 1.436087 | 3.0324% | 1845 | 0.675842 | 1.479635 | 3.1325% | 1844 |
| 0.655314 | 1.525985 | 3.2284% | 1843 | 0.634820 | 1.575249 | 3.3361% | 1842 |
| 0.614326 | 1.627800 | 3.4512% | 1841 | 0.593832 | 1.683979 | 3.8105% | 1840 |
| 0.572034 | 1.748147 | 2.3861% | 1839 | 0.558703 | 1.789859 | 2.5824% | 1838 |
| 0.544639 | 1.836080 | 2.6573% | 1837 | 0.530540 | 1.884870 | 2.7232% | 1836 |
| 0.516476 | 1.936199 | 2.7994% | 1835 | 0.502411 | 1.990402 | 2.8871% | 1834 |
| 0.488313 | 2.047867 | 2.9657% | 1833 | 0.474248 | 2.108600 | 3.0563% | 1832 |
| 0.460184 | 2.173046 | 3.1604% | 1831 | 0.446085 | 2.241724 | 3.4660% | 1830 |
| 0.431142 | 2.319421 | 2.4653% | 1829 | 0.420769 | 2.376602 | 2.6804% | 1828 |
| 0.409785 | 2.440304 | 10.3427% | 1827 | 0.371375 | 2.692696 | -4.2314% | 1826 |
| 0.387784 | 2.578756 | 2.9150% | 1825 | 0.376800 | 2.653928 | 3.0026% | 1824 |
| 0.365816 | 2.733614 | 3.0955% | 1823 | 0.354832 | 2.818233 | 3.1944% | 1822 |

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|----------|------------|------------|------|----------|------------|----------|------|
| 0.343848 | 2.908259 | 3.3102% | 1821 | 0.332831 | 3.004528 | 3.2277% | 1820 |
| 0.322424 | 3.101506 | 2.6573% | 1819 | 0.314078 | 3.183922 | 2.6261% | 1818 |
| 0.306041 | 3.267535 | 2.6969% | 1817 | 0.298004 | 3.355658 | 2.7717% | 1816 |
| 0.289967 | 3.448666 | 2.8507% | 1815 | 0.281930 | 3.546977 | 2.9343% | 1814 |
| 0.273893 | 3.651058 | 3.0231% | 1813 | 0.265856 | 3.761431 | 3.1039% | 1812 |
| 0.257853 | 3.878182 | 3.2172% | 1811 | 0.249816 | 4.002949 | 3.0969% | 1810 |
| 0.242312 | 4.126917 | 2.9144% | 1809 | 0.235450 | 4.247191 | 2.8225% | 1808 |
| 0.228987 | 4.367066 | 2.9199% | 1807 | 0.222490 | 4.494582 | 2.9918% | 1806 |
| 0.216027 | 4.629050 | 3.0841% | 1805 | 0.209564 | 4.771812 | 3.1822% | 1804 |
| 0.203101 | 4.923660 | 3.2868% | 1803 | 0.196638 | 5.085490 | 3.3985% | 1802 |
| 0.190175 | 5.258320 | 3.5180% | 1801 | 0.183712 | 5.443310 | 3.3999% | 1800 |
| 0.177671 | 5.628380 | 2.8419% | 1799 | 0.172761 | 5.788331 | 2.7485% | 1798 |
| 0.168140 | 5.947421 | 2.8261% | 1797 | 0.163519 | 6.115503 | 3.7832% | 1796 |
| 0.157558 | 6.346865 | 2.1272% | 1795 | 0.154276 | 6.481875 | 3.0879% | 1794 |
| 0.149655 | 6.682032 | 3.1625% | 1793 | 0.145067 | 6.893352 | 3.2904% | 1792 |
| 0.140446 | 7.120172 | 3.4024% | 1791 | 0.135825 | 7.362426 | 3.2296% | 1790 |
| 0.131575 | 7.600200 | 41.3145% | 1780 | 0.093108 | 10.740181 | 29.4353% | 1770 |
| 0.071934 | 13.901587 | 83.4728% | 1750 | 0.039207 | 25.505637 | 29.2845% | 1740 |
| 0.030326 | 32.974823 | 94.2514% | 1720 | 0.015612 | 64.054054 | 85.8111% | 1700 |
| 0.008402 | 119.019530 | 19.2490% | 1690 | 0.007046 | 141.929658 | 88.0250% | |
| 1670 | 0.003747 | 266.863271 | | | | | |

BASE YEAR: 1857

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|----------|----------|---------|
| 2009 | 10.380905 | 0.096331 | 8.2857% | 2001 | 9.586593 | 0.104312 | 1.0000% |
| 2000 | 9.491675 | 0.105355 | 1.0000% | 1999 | 9.397698 | 0.106409 | 1.0000% |
| 1998 | 9.304652 | 0.107473 | 1.0000% | 1997 | 9.212526 | 0.108548 | 1.0000% |
| 1996 | 9.121313 | 0.109633 | 1.0000% | 1995 | 9.031003 | 0.110730 | 0.9992% |
| 1994 | 8.941656 | 0.111836 | 1.0008% | 1993 | 8.853057 | 0.112955 | 1.0000% |
| 1992 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.765403 | 0.114085 | 0.9295% | 1991 | 8.684678 | 0.115145 | 1.2505% | 1990 |
| 8.577416 | 0.116585 | 0.7224% | 1989 | 8.515894 | 0.117427 | 1.1077% | 1988 |
| 8.422599 | 0.118728 | 0.8834% | 1987 | 8.348848 | 0.119777 | 0.5594% | 1986 |
| 8.302407 | 0.120447 | 1.3056% | 1985 | 8.195406 | 0.122020 | 0.7673% | 1984 |
| 8.133003 | 0.122956 | 0.8149% | 1983 | 8.067259 | 0.123958 | 0.9737% | 1982 |
| 7.989462 | 0.125165 | 0.9508% | 1981 | 7.914213 | 0.126355 | 0.9031% | 1980 |
| 7.843382 | 0.127496 | 2.2701% | 1979 | 7.669284 | 0.130390 | 1.0042% | 1978 |
| 7.593036 | 0.131700 | 0.9896% | 1977 | 7.518631 | 0.133003 | 0.9103% | 1976 |
| 7.450804 | 0.134214 | 0.8394% | 1975 | 7.388780 | 0.135340 | 0.9042% | 1974 |
| 7.322571 | 0.136564 | 1.1568% | 1973 | 7.238833 | 0.138144 | 0.9427% | 1972 |
| 7.171230 | 0.139446 | 0.7426% | 1971 | 7.118366 | 0.140482 | 1.4697% | 1970 |
| 7.015260 | 0.142546 | 0.6968% | 1969 | 6.966715 | 0.143540 | 0.8565% | 1968 |
| 6.907549 | 0.144769 | 1.5090% | 1967 | 6.804861 | 0.146954 | 0.9949% | 1966 |
| 6.737826 | 0.148416 | 1.0575% | 1965 | 6.667321 | 0.149985 | 1.1300% | 1964 |
| 6.592821 | 0.151680 | 1.5537% | 1963 | 6.491959 | 0.154037 | 1.4658% | 1962 |
| 6.398173 | 0.156295 | 1.5364% | 1961 | 6.301357 | 0.158696 | 2.1586% | 1960 |
| 6.168208 | 0.162122 | -1.6655% | 1959 | 6.272678 | 0.159422 | 4.3080% | 1958 |
| 6.013612 | 0.166289 | 2.1130% | 1957 | 5.889176 | 0.169803 | 1.9895% | 1956 |
| 5.774297 | 0.173181 | 2.1231% | 1955 | 5.654251 | 0.176858 | 1.4496% | 1954 |
| 5.573458 | 0.179422 | 2.1573% | 1953 | 5.455763 | 0.183292 | 1.2298% | 1952 |
| 5.389486 | 0.185546 | 1.6814% | 1951 | 5.300367 | 0.188666 | 1.6233% | 1950 |
| 5.215702 | 0.191729 | 1.4265% | 1949 | 5.142344 | 0.194464 | 1.7790% | 1948 |
| 5.052459 | 0.197923 | 1.8242% | 1947 | 4.961945 | 0.201534 | -2.6320% | 1946 |
| 5.096076 | 0.196229 | 3.1768% | 1945 | 4.939168 | 0.202463 | 6.4754% | 1944 |
| 4.638787 | 0.215574 | -0.3437% | 1943 | 4.654785 | 0.214833 | 0.6562% | 1942 |
| 4.624438 | 0.216242 | 0.6633% | 1941 | 4.593966 | 0.217677 | -5.6614% | 1940 |
| 4.869659 | 0.205353 | 8.0381% | 1939 | 4.507353 | 0.221860 | 0.8126% | 1938 |
| 4.471020 | 0.223663 | 0.7762% | 1937 | 4.436581 | 0.225399 | 0.6029% | 1936 |
| 4.409994 | 0.226758 | 0.5244% | 1935 | 4.386989 | 0.227947 | -3.0364% | 1934 |
| 4.524365 | 0.221025 | 4.6271% | 1933 | 4.324276 | 0.231253 | 1.3921% | 1932 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 4.264903 | 0.234472 | -0.2051% | 1931 | 4.273668 | 0.233991 | 0.8886% | 1930 |
| 4.236027 | 0.236070 | 1.0126% | 1929 | 4.193563 | 0.238461 | 1.1526% | 1928 |
| 4.145780 | 0.241209 | 1.2160% | 1927 | 4.095972 | 0.244142 | 1.4086% | 1926 |
| 4.039079 | 0.247581 | 1.7667% | 1925 | 3.968960 | 0.251955 | 1.4465% | 1924 |
| 3.912367 | 0.255600 | 1.7700% | 1923 | 3.844324 | 0.260124 | 1.6165% | 1922 |
| 3.783168 | 0.264329 | 1.3736% | 1921 | 3.731905 | 0.267960 | 2.3393% | 1920 |
| 3.646600 | 0.274228 | 1.3140% | 1919 | 3.599304 | 0.277831 | 0.7676% | 1918 |
| 3.571885 | 0.279964 | 0.3870% | 1917 | 3.558116 | 0.281048 | 1.3274% | 1916 |
| 3.511503 | 0.284778 | 1.4083% | 1915 | 3.462737 | 0.288789 | 1.4458% | 1914 |
| 3.413386 | 0.292964 | 1.9424% | 1913 | 3.348349 | 0.298655 | 1.9857% | 1912 |
| 3.283156 | 0.304585 | 1.5634% | 1911 | 3.232617 | 0.309347 | 1.8169% | 1910 |
| 3.174931 | 0.314967 | 1.8781% | 1909 | 3.116403 | 0.320883 | 2.0082% | 1908 |
| 3.055050 | 0.327327 | 1.9603% | 1907 | 2.996315 | 0.333743 | 1.8264% | 1906 |
| 2.942573 | 0.339839 | 1.9357% | 1905 | 2.886696 | 0.346417 | 2.0148% | 1904 |
| 2.829683 | 0.353396 | 2.1335% | 1903 | 2.770572 | 0.360936 | 1.8151% | 1902 |
| 2.721178 | 0.367488 | 1.8943% | 1901 | 2.670588 | 0.374449 | 3.0255% | 1900 |
| 2.592162 | 0.385778 | 0.6278% | 1899 | 2.575989 | 0.388200 | 1.7757% | 1898 |
| 2.531047 | 0.395093 | 1.8078% | 1897 | 2.486104 | 0.402236 | 1.8396% | 1896 |
| 2.441196 | 0.409635 | 1.8755% | 1895 | 2.396253 | 0.417318 | 1.9114% | 1894 |
| 2.351310 | 0.425295 | 1.9486% | 1893 | 2.306368 | 0.433582 | 1.9858% | 1892 |
| 2.261460 | 0.442192 | 2.0276% | 1891 | 2.216517 | 0.451158 | 2.6465% | 1890 |
| 2.159369 | 0.463098 | 1.5328% | 1889 | 2.126769 | 0.470197 | 2.0811% | 1888 |
| 2.083411 | 0.479982 | 2.1599% | 1887 | 2.039364 | 0.490349 | 2.2075% | 1886 |
| 1.995316 | 0.501174 | 2.2592% | 1885 | 1.951235 | 0.512496 | 2.3095% | 1884 |
| 1.907187 | 0.524332 | 2.3641% | 1883 | 1.863140 | 0.536728 | 2.4214% | 1882 |
| 1.819093 | 0.549725 | 2.4815% | 1881 | 1.775046 | 0.563366 | 3.7644% | 1880 |
| 1.710650 | 0.584573 | 0.9432% | 1879 | 1.694665 | 0.590087 | 2.1464% | 1878 |
| 1.659056 | 0.602753 | 2.1913% | 1877 | 1.623480 | 0.615961 | 2.2426% | 1876 |
| 1.587871 | 0.629774 | 2.2941% | 1875 | 1.552261 | 0.644222 | 2.3456% | 1874 |
| 1.516686 | 0.659332 | 2.4043% | 1873 | 1.481076 | 0.675185 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.445466 | 0.691818 | 2.5258% | 1871 | 1.409856 | 0.709292 | 5.9947% | 1870 |
| 1.330120 | 0.751812 | -1.0968% | 1869 | 1.344870 | 0.743566 | 2.1930% | 1868 |
| 1.316011 | 0.759872 | 2.2394% | 1867 | 1.287185 | 0.776889 | 2.2935% | 1866 |
| 1.258326 | 0.794707 | 2.3445% | 1865 | 1.229500 | 0.813339 | 2.4037% | 1864 |
| 1.200641 | 0.832889 | 2.4599% | 1863 | 1.171815 | 0.853377 | 2.5250% | 1862 |
| 1.142956 | 0.874925 | 2.5872% | 1861 | 1.114130 | 0.897561 | 2.9504% | 1860 |
| 1.082201 | 0.924043 | 2.4012% | 1859 | 1.056824 | 0.946231 | 2.7627% | 1858 |
| 1.028412 | 0.972373 | 2.8412% | 1857 | 1.000000 | 1.000000 | 2.9243% | 1856 |
| 0.971588 | 1.029243 | 3.0161% | 1855 | 0.943142 | 1.060286 | 3.1061% | 1854 |
| 0.914729 | 1.093219 | 3.2056% | 1853 | 0.886317 | 1.128264 | 3.3118% | 1852 |
| 0.857905 | 1.165630 | 3.4252% | 1851 | 0.829493 | 1.205555 | 4.0106% | 1850 |
| 0.797508 | 1.253905 | 2.3254% | 1849 | 0.779385 | 1.283063 | 2.7841% | 1848 |
| 0.758274 | 1.318785 | 2.8590% | 1847 | 0.737197 | 1.356489 | 2.9432% | 1846 |
| 0.716121 | 1.396412 | 3.0324% | 1845 | 0.695044 | 1.438757 | 3.1325% | 1844 |
| 0.673933 | 1.483826 | 3.2284% | 1843 | 0.652857 | 1.531730 | 3.3361% | 1842 |
| 0.631780 | 1.582829 | 3.4512% | 1841 | 0.610704 | 1.637456 | 3.8105% | 1840 |
| 0.588287 | 1.699851 | 2.3861% | 1839 | 0.574577 | 1.740410 | 2.5824% | 1838 |
| 0.560113 | 1.785354 | 2.6573% | 1837 | 0.545614 | 1.832797 | 2.7232% | 1836 |
| 0.531150 | 1.882708 | 2.7994% | 1835 | 0.516686 | 1.935413 | 2.8871% | 1834 |
| 0.502187 | 1.991291 | 2.9657% | 1833 | 0.487723 | 2.050346 | 3.0563% | 1832 |
| 0.473258 | 2.113011 | 3.1604% | 1831 | 0.458760 | 2.179791 | 3.4660% | 1830 |
| 0.443392 | 2.255342 | 2.4653% | 1829 | 0.432724 | 2.310943 | 2.6804% | 1828 |
| 0.421428 | 2.372886 | 10.3427% | 1827 | 0.381927 | 2.618305 | -4.2314% | 1826 |
| 0.398802 | 2.507513 | 2.9150% | 1825 | 0.387506 | 2.580608 | 3.0026% | 1824 |
| 0.376210 | 2.658092 | 3.0955% | 1823 | 0.364914 | 2.740374 | 3.1944% | 1822 |
| 0.353618 | 2.827912 | 3.3102% | 1821 | 0.342287 | 2.921521 | 3.2277% | 1820 |
| 0.331585 | 3.015820 | 2.6573% | 1819 | 0.323002 | 3.095959 | 2.6261% | 1818 |
| 0.314736 | 3.177262 | 2.6969% | 1817 | 0.306471 | 3.262951 | 2.7717% | 1816 |
| 0.298206 | 3.353390 | 2.8507% | 1815 | 0.289940 | 3.448984 | 2.9343% | 1814 |
| 0.281675 | 3.550190 | 3.0231% | 1813 | 0.273410 | 3.657514 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.265179 | 3.771039 | 3.2172% | 1811 | 0.256914 | 3.892359 | 3.0969% | 1810 |
| 0.249196 | 4.012902 | 2.9144% | 1809 | 0.242139 | 4.129854 | 2.8225% | 1808 |
| 0.235493 | 4.246417 | 2.9199% | 1807 | 0.228812 | 4.370409 | 2.9918% | 1806 |
| 0.222165 | 4.501163 | 3.0841% | 1805 | 0.215518 | 4.639981 | 3.1822% | 1804 |
| 0.208871 | 4.787634 | 3.2868% | 1803 | 0.202225 | 4.944993 | 3.3985% | 1802 |
| 0.195578 | 5.113048 | 3.5180% | 1801 | 0.188931 | 5.292927 | 3.3999% | 1800 |
| 0.182719 | 5.472884 | 2.8419% | 1799 | 0.177670 | 5.628416 | 2.7485% | 1798 |
| 0.172917 | 5.783111 | 2.8261% | 1797 | 0.168165 | 5.946549 | 3.7832% | 1796 |
| 0.162035 | 6.171520 | 2.1272% | 1795 | 0.158660 | 6.302800 | 3.0879% | 1794 |
| 0.153907 | 6.497427 | 3.1625% | 1793 | 0.149189 | 6.702909 | 3.2904% | 1792 |
| 0.144436 | 6.923462 | 3.4024% | 1791 | 0.139684 | 7.159024 | 3.2296% | 1790 |
| 0.135314 | 7.390229 | 41.3145% | 1780 | 0.095754 | 10.443461 | 29.4353% | 1770 |
| 0.073978 | 13.517527 | 83.4728% | 1750 | 0.040321 | 24.800991 | 29.2845% | 1740 |
| 0.031188 | 32.063825 | 94.2514% | 1720 | 0.016055 | 62.284427 | 85.8111% | 1700 |
| 0.008641 | 115.731367 | 19.2490% | 1690 | 0.007246 | 138.008555 | 88.0250% | 1670 |
| 0.003854 | 259.490617 | | | | | | |

BASE YEAR: 1856

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|----------|----------|---------|
| 2009 | 10.684473 | 0.093594 | 8.2857% | 2001 | 9.866932 | 0.101349 | 1.0000% |
| 2000 | 9.769239 | 0.102362 | 1.0000% | 1999 | 9.672514 | 0.103386 | 1.0000% |
| 1998 | 9.576746 | 0.104420 | 1.0000% | 1997 | 9.481927 | 0.105464 | 1.0000% |
| 1996 | 9.388047 | 0.106518 | 1.0000% | 1995 | 9.295096 | 0.107584 | 0.9992% |
| 1994 | 9.203136 | 0.108659 | 1.0008% | 1993 | 9.111946 | 0.109746 | 1.0000% |
| 1992 | 9.021728 | 0.110844 | 0.9295% | 1991 | 8.938643 | 0.111874 | 1.2505% |
| 1990 | 8.828245 | 0.113273 | 0.7224% | 1989 | 8.764923 | 0.114091 | 1.1077% |
| 1988 | 8.668900 | 0.115355 | 0.8834% | 1987 | 8.592992 | 0.116374 | 0.5594% |
| 1986 | 8.545194 | 0.117025 | 1.3056% | 1985 | 8.435063 | 0.118553 | 0.7673% |
| 1984 | 8.370835 | 0.119462 | 0.8149% | 1983 | 8.303169 | 0.120436 | 0.9737% |
| 1982 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.223097 | 0.121609 | 0.9508% | 1981 | 8.145647 | 0.122765 | 0.9031% | 1980 |
| 8.072745 | 0.123874 | 2.2701% | 1979 | 7.893556 | 0.126686 | 1.0042% | 1978 |
| 7.815079 | 0.127958 | 0.9896% | 1977 | 7.738498 | 0.129224 | 0.9103% | 1976 |
| 7.668687 | 0.130400 | 0.8394% | 1975 | 7.604849 | 0.131495 | 0.9042% | 1974 |
| 7.536704 | 0.132684 | 1.1568% | 1973 | 7.450518 | 0.134219 | 0.9427% | 1972 |
| 7.380937 | 0.135484 | 0.7426% | 1971 | 7.326528 | 0.136490 | 1.4697% | 1970 |
| 7.220407 | 0.138496 | 0.6968% | 1969 | 7.170442 | 0.139461 | 0.8565% | 1968 |
| 7.109546 | 0.140656 | 1.5090% | 1967 | 7.003855 | 0.142779 | 0.9949% | 1966 |
| 6.934859 | 0.144199 | 1.0575% | 1965 | 6.862293 | 0.145724 | 1.1300% | 1964 |
| 6.785614 | 0.147371 | 1.5537% | 1963 | 6.681802 | 0.149660 | 1.4658% | 1962 |
| 6.585274 | 0.151854 | 1.5364% | 1961 | 6.485627 | 0.154187 | 2.1586% | 1960 |
| 6.348584 | 0.157515 | -1.6655% | 1959 | 6.456109 | 0.154892 | 4.3080% | 1958 |
| 6.189467 | 0.161565 | 2.1130% | 1957 | 6.061392 | 0.164979 | 1.9895% | 1956 |
| 5.943154 | 0.168261 | 2.1231% | 1955 | 5.819598 | 0.171833 | 1.4496% | 1954 |
| 5.736442 | 0.174324 | 2.1573% | 1953 | 5.615306 | 0.178085 | 1.2298% | 1952 |
| 5.547090 | 0.180275 | 1.6814% | 1951 | 5.455365 | 0.183306 | 1.6233% | 1950 |
| 5.368224 | 0.186281 | 1.4265% | 1949 | 5.292721 | 0.188939 | 1.7790% | 1948 |
| 5.200207 | 0.192300 | 1.8242% | 1947 | 5.107047 | 0.195808 | -2.6320% | 1946 |
| 5.245100 | 0.190654 | 3.1768% | 1945 | 5.083604 | 0.196711 | 6.4754% | 1944 |
| 4.774439 | 0.209449 | -0.3437% | 1943 | 4.790904 | 0.208729 | 0.6562% | 1942 |
| 4.759670 | 0.210099 | 0.6633% | 1941 | 4.728307 | 0.211492 | -5.6614% | 1940 |
| 5.012061 | 0.199519 | 8.0381% | 1939 | 4.639161 | 0.215556 | 0.8126% | 1938 |
| 4.601765 | 0.217308 | 0.7762% | 1937 | 4.566319 | 0.218995 | 0.6029% | 1936 |
| 4.538955 | 0.220315 | 0.5244% | 1935 | 4.515277 | 0.221470 | -3.0364% | 1934 |
| 4.656671 | 0.214746 | 4.6271% | 1933 | 4.450730 | 0.224682 | 1.3921% | 1932 |
| 4.389621 | 0.227810 | -0.2051% | 1931 | 4.398642 | 0.227343 | 0.8886% | 1930 |
| 4.359900 | 0.229363 | 1.0126% | 1929 | 4.316195 | 0.231686 | 1.1526% | 1928 |
| 4.267014 | 0.234356 | 1.2160% | 1927 | 4.215750 | 0.237206 | 1.4086% | 1926 |
| 4.157193 | 0.240547 | 1.7667% | 1925 | 4.085023 | 0.244797 | 1.4465% | 1924 |
| 4.026776 | 0.248338 | 1.7700% | 1923 | 3.956743 | 0.252733 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.893799 | 0.256819 | 1.3736% | 1921 | 3.841036 | 0.260346 | 2.3393% | 1920 |
| 3.753237 | 0.266437 | 1.3140% | 1919 | 3.704558 | 0.269938 | 0.7676% | 1918 |
| 3.676337 | 0.272010 | 0.3870% | 1917 | 3.662165 | 0.273063 | 1.3274% | 1916 |
| 3.614189 | 0.276687 | 1.4083% | 1915 | 3.563998 | 0.280584 | 1.4458% | 1914 |
| 3.513204 | 0.284640 | 1.9424% | 1913 | 3.446264 | 0.290169 | 1.9857% | 1912 |
| 3.379165 | 0.295931 | 1.5634% | 1911 | 3.327148 | 0.300558 | 1.8169% | 1910 |
| 3.267775 | 0.306019 | 1.8781% | 1909 | 3.207536 | 0.311766 | 2.0082% | 1908 |
| 3.144389 | 0.318027 | 1.9603% | 1907 | 3.083936 | 0.324261 | 1.8264% | 1906 |
| 3.028623 | 0.330183 | 1.9357% | 1905 | 2.971112 | 0.336574 | 2.0148% | 1904 |
| 2.912431 | 0.343356 | 2.1335% | 1903 | 2.851591 | 0.350681 | 1.8151% | 1902 |
| 2.800754 | 0.357047 | 1.8943% | 1901 | 2.748684 | 0.363810 | 3.0255% | 1900 |
| 2.667965 | 0.374818 | 0.6278% | 1899 | 2.651319 | 0.377171 | 1.7757% | 1898 |
| 2.605062 | 0.383868 | 1.8078% | 1897 | 2.558805 | 0.390807 | 1.8396% | 1896 |
| 2.512583 | 0.397997 | 1.8755% | 1895 | 2.466326 | 0.405461 | 1.9114% | 1894 |
| 2.420069 | 0.413211 | 1.9486% | 1893 | 2.373813 | 0.421263 | 1.9858% | 1892 |
| 2.327591 | 0.429629 | 2.0276% | 1891 | 2.281334 | 0.438340 | 2.6465% | 1890 |
| 2.222515 | 0.449941 | 1.5328% | 1889 | 2.188962 | 0.456838 | 2.0811% | 1888 |
| 2.144336 | 0.466345 | 2.1599% | 1887 | 2.099000 | 0.476417 | 2.2075% | 1886 |
| 2.053665 | 0.486934 | 2.2592% | 1885 | 2.008294 | 0.497935 | 2.3095% | 1884 |
| 1.962959 | 0.509435 | 2.3641% | 1883 | 1.917624 | 0.521479 | 2.4214% | 1882 |
| 1.872288 | 0.534106 | 2.4815% | 1881 | 1.826953 | 0.547359 | 3.7644% | 1880 |
| 1.760674 | 0.567964 | 0.9432% | 1879 | 1.744222 | 0.573321 | 2.1464% | 1878 |
| 1.707571 | 0.585627 | 2.1913% | 1877 | 1.670956 | 0.598460 | 2.2426% | 1876 |
| 1.634305 | 0.611881 | 2.2941% | 1875 | 1.597653 | 0.625918 | 2.3456% | 1874 |
| 1.561038 | 0.640599 | 2.4043% | 1873 | 1.524387 | 0.656001 | 2.4635% | 1872 |
| 1.487736 | 0.672162 | 2.5258% | 1871 | 1.451085 | 0.689140 | 5.9947% | 1870 |
| 1.369017 | 0.730451 | -1.0968% | 1869 | 1.384198 | 0.722440 | 2.1930% | 1868 |
| 1.354495 | 0.738283 | 2.2394% | 1867 | 1.324826 | 0.754816 | 2.2935% | 1866 |
| 1.295123 | 0.772128 | 2.3445% | 1865 | 1.265454 | 0.790230 | 2.4037% | 1864 |
| 1.235751 | 0.809225 | 2.4599% | 1863 | 1.206083 | 0.829131 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.176379 | 0.850066 | 2.5872% | 1861 | 1.146711 | 0.872060 | 2.9504% | 1860 |
| 1.113848 | 0.897789 | 2.4012% | 1859 | 1.087729 | 0.919347 | 2.7627% | 1858 |
| 1.058486 | 0.944746 | 2.8412% | 1857 | 1.029243 | 0.971588 | 2.9243% | 1856 |
| 1.000000 | 1.000000 | 3.0161% | 1855 | 0.970722 | 1.030161 | 3.1061% | 1854 |
| 0.941479 | 1.062159 | 3.2056% | 1853 | 0.912236 | 1.096208 | 3.3118% | 1852 |
| 0.882993 | 1.132512 | 3.4252% | 1851 | 0.853750 | 1.171303 | 4.0106% | 1850 |
| 0.820830 | 1.218279 | 2.3254% | 1849 | 0.802176 | 1.246609 | 2.7841% | 1848 |
| 0.780448 | 1.281315 | 2.8590% | 1847 | 0.758755 | 1.317948 | 2.9432% | 1846 |
| 0.737062 | 1.356738 | 3.0324% | 1845 | 0.715369 | 1.397879 | 3.1325% | 1844 |
| 0.693641 | 1.441668 | 3.2284% | 1843 | 0.671948 | 1.488210 | 3.3361% | 1842 |
| 0.650255 | 1.537858 | 3.4512% | 1841 | 0.628562 | 1.590932 | 3.8105% | 1840 |
| 0.605490 | 1.651554 | 2.3861% | 1839 | 0.591380 | 1.690961 | 2.5824% | 1838 |
| 0.576492 | 1.734629 | 2.6573% | 1837 | 0.561570 | 1.780723 | 2.7232% | 1836 |
| 0.546682 | 1.829216 | 2.7994% | 1835 | 0.531795 | 1.880424 | 2.8871% | 1834 |
| 0.516872 | 1.934714 | 2.9657% | 1833 | 0.501985 | 1.992092 | 3.0563% | 1832 |
| 0.487098 | 2.052976 | 3.1604% | 1831 | 0.472175 | 2.117859 | 3.4660% | 1830 |
| 0.456358 | 2.191263 | 2.4653% | 1829 | 0.445378 | 2.245285 | 2.6804% | 1828 |
| 0.433752 | 2.305467 | 10.3427% | 1827 | 0.393095 | 2.543913 | -4.2314% | 1826 |
| 0.410464 | 2.436269 | 2.9150% | 1825 | 0.398837 | 2.507288 | 3.0026% | 1824 |
| 0.387211 | 2.582570 | 3.0955% | 1823 | 0.375585 | 2.662514 | 3.1944% | 1822 |
| 0.363959 | 2.747565 | 3.3102% | 1821 | 0.352297 | 2.838515 | 3.2277% | 1820 |
| 0.341281 | 2.930135 | 2.6573% | 1819 | 0.332447 | 3.007997 | 2.6261% | 1818 |
| 0.323940 | 3.086990 | 2.6969% | 1817 | 0.315433 | 3.170244 | 2.7717% | 1816 |
| 0.306926 | 3.258113 | 2.8507% | 1815 | 0.298419 | 3.350992 | 2.9343% | 1814 |
| 0.289912 | 3.449321 | 3.0231% | 1813 | 0.281405 | 3.553596 | 3.1039% | 1812 |
| 0.272934 | 3.663896 | 3.2172% | 1811 | 0.264426 | 3.781769 | 3.0969% | 1810 |
| 0.256483 | 3.898888 | 2.9144% | 1809 | 0.249220 | 4.012516 | 2.8225% | 1808 |
| 0.242379 | 4.125768 | 2.9199% | 1807 | 0.235503 | 4.246237 | 2.9918% | 1806 |
| 0.228662 | 4.373275 | 3.0841% | 1805 | 0.221821 | 4.508150 | 3.1822% | 1804 |
| 0.214979 | 4.651608 | 3.2868% | 1803 | 0.208138 | 4.804496 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.201297 | 4.967776 | 3.5180% | 1801 | 0.194456 | 5.142545 | 3.3999% | 1800 |
| 0.188062 | 5.317388 | 2.8419% | 1799 | 0.182865 | 5.468502 | 2.7485% | 1798 |
| 0.177974 | 5.618801 | 2.8261% | 1797 | 0.173082 | 5.777596 | 3.7832% | 1796 |
| 0.166773 | 5.996174 | 2.1272% | 1795 | 0.163299 | 6.123725 | 3.0879% | 1794 |
| 0.158408 | 6.312822 | 3.1625% | 1793 | 0.153552 | 6.512465 | 3.2904% | 1792 |
| 0.148660 | 6.726753 | 3.4024% | 1791 | 0.143769 | 6.955621 | 3.2296% | 1790 |
| 0.139271 | 7.180257 | 41.3145% | 1780 | 0.098554 | 10.146741 | 29.4353% | 1770 |
| 0.076141 | 13.133467 | 83.4728% | 1750 | 0.041500 | 24.096344 | 29.2845% | 1740 |
| 0.032100 | 31.152827 | 94.2514% | 1720 | 0.016525 | 60.514801 | 85.8111% | 1700 |
| 0.008893 | 112.443204 | 19.2490% | 1690 | 0.007458 | 134.087452 | 88.0250% | 1670 |
| 0.003966 | 252.117962 | | | | | | |

BASE YEAR: 1855

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 11.006732 | 0.090853 | 8.2857% | 2001 | 10.164533 | 0.098381 | 1.0000% |
| 2000 | 10.063893 | 0.099365 | 1.0000% | 1999 | 9.964250 | 0.100359 | 1.0000% |
| 1998 | 9.865594 | 0.101362 | 1.0000% | 1997 | 9.767915 | 0.102376 | 1.0000% |
| 1996 | 9.671203 | 0.103400 | 1.0000% | 1995 | 9.575449 | 0.104434 | 0.9992% |
| 1994 | 9.480715 | 0.105477 | 1.0008% | 1993 | 9.386775 | 0.106533 | 1.0000% |
| 1992 | 9.293836 | 0.107598 | 0.9295% | 1991 | 9.208245 | 0.108598 | 1.2505% |
| 1990 | 9.094517 | 0.109956 | 0.7224% | 1989 | 9.029285 | 0.110751 | 1.1077% |
| 1988 | 8.930366 | 0.111977 | 0.8834% | 1987 | 8.852169 | 0.112967 | 0.5594% |
| 1986 | 8.802929 | 0.113599 | 1.3056% | 1985 | 8.689476 | 0.115082 | 0.7673% |
| 1984 | 8.623311 | 0.115965 | 0.8149% | 1983 | 8.553604 | 0.116910 | 0.9737% |
| 1982 | 8.471117 | 0.118048 | 0.9508% | 1981 | 8.391331 | 0.119171 | 0.9031% |
| 1980 | 8.316230 | 0.120247 | 2.2701% | 1979 | 8.131637 | 0.122976 | 1.0042% |
| 1978 | 8.050792 | 0.124211 | 0.9896% | 1977 | 7.971902 | 0.125441 | 0.9103% |
| 1976 | 7.899985 | 0.126583 | 0.8394% | 1975 | 7.834222 | 0.127645 | 0.9042% |
| 1974 | 7.764022 | 0.128799 | 1.1568% | 1973 | 7.675236 | 0.130289 | 0.9427% |
| 1972 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 7.603557 | 0.131517 | 0.7426% | 1971 | 7.547506 | 0.132494 | 1.4697% | 1970 |
| 7.438184 | 0.134441 | 0.6968% | 1969 | 7.386712 | 0.135378 | 0.8565% | 1968 |
| 7.323979 | 0.136538 | 1.5090% | 1967 | 7.215101 | 0.138598 | 0.9949% | 1966 |
| 7.144024 | 0.139977 | 1.0575% | 1965 | 7.069269 | 0.141457 | 1.1300% | 1964 |
| 6.990278 | 0.143056 | 1.5537% | 1963 | 6.883335 | 0.145278 | 1.4658% | 1962 |
| 6.783895 | 0.147408 | 1.5364% | 1961 | 6.681242 | 0.149673 | 2.1586% | 1960 |
| 6.540066 | 0.152904 | -1.6655% | 1959 | 6.650834 | 0.150357 | 4.3080% | 1958 |
| 6.376150 | 0.156834 | 2.1130% | 1957 | 6.244212 | 0.160148 | 1.9895% | 1956 |
| 6.122407 | 0.163334 | 2.1231% | 1955 | 5.995125 | 0.166802 | 1.4496% | 1954 |
| 5.909461 | 0.169220 | 2.1573% | 1953 | 5.784671 | 0.172871 | 1.2298% | 1952 |
| 5.714398 | 0.174997 | 1.6814% | 1951 | 5.619906 | 0.177939 | 1.6233% | 1950 |
| 5.530137 | 0.180827 | 1.4265% | 1949 | 5.452357 | 0.183407 | 1.7790% | 1948 |
| 5.357053 | 0.186670 | 1.8242% | 1947 | 5.261082 | 0.190075 | -2.6320% | 1946 |
| 5.403299 | 0.185072 | 3.1768% | 1945 | 5.236932 | 0.190951 | 6.4754% | 1944 |
| 4.918443 | 0.203316 | -0.3437% | 1943 | 4.935404 | 0.202618 | 0.6562% | 1942 |
| 4.903228 | 0.203947 | 0.6633% | 1941 | 4.870919 | 0.205300 | -5.6614% | 1940 |
| 5.163232 | 0.193677 | 8.0381% | 1939 | 4.779084 | 0.209245 | 0.8126% | 1938 |
| 4.740561 | 0.210946 | 0.7762% | 1937 | 4.704046 | 0.212583 | 0.6029% | 1936 |
| 4.675856 | 0.213865 | 0.5244% | 1935 | 4.651464 | 0.214986 | -3.0364% | 1934 |
| 4.797123 | 0.208458 | 4.6271% | 1933 | 4.584970 | 0.218104 | 1.3921% | 1932 |
| 4.522019 | 0.221140 | -0.2051% | 1931 | 4.531312 | 0.220687 | 0.8886% | 1930 |
| 4.491401 | 0.222648 | 1.0126% | 1929 | 4.446378 | 0.224902 | 1.1526% | 1928 |
| 4.395713 | 0.227494 | 1.2160% | 1927 | 4.342903 | 0.230261 | 1.4086% | 1926 |
| 4.282580 | 0.233504 | 1.7667% | 1925 | 4.208233 | 0.237629 | 1.4465% | 1924 |
| 4.148229 | 0.241067 | 1.7700% | 1923 | 4.076084 | 0.245334 | 1.6165% | 1922 |
| 4.011241 | 0.249299 | 1.3736% | 1921 | 3.956887 | 0.252724 | 2.3393% | 1920 |
| 3.866439 | 0.258636 | 1.3140% | 1919 | 3.816293 | 0.262034 | 0.7676% | 1918 |
| 3.787221 | 0.264046 | 0.3870% | 1917 | 3.772621 | 0.265068 | 1.3274% | 1916 |
| 3.723198 | 0.268586 | 1.4083% | 1915 | 3.671493 | 0.272369 | 1.4458% | 1914 |
| 3.619167 | 0.276307 | 1.9424% | 1913 | 3.550208 | 0.281674 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.481085 | 0.287267 | 1.5634% | 1911 | 3.427499 | 0.291758 | 1.8169% | 1910 |
| 3.366336 | 0.297059 | 1.8781% | 1909 | 3.304280 | 0.302638 | 2.0082% | 1908 |
| 3.239228 | 0.308716 | 1.9603% | 1907 | 3.176952 | 0.314767 | 1.8264% | 1906 |
| 3.119970 | 0.320516 | 1.9357% | 1905 | 3.060724 | 0.326720 | 2.0148% | 1904 |
| 3.000274 | 0.333303 | 2.1335% | 1903 | 2.937599 | 0.340414 | 1.8151% | 1902 |
| 2.885228 | 0.346593 | 1.8943% | 1901 | 2.831588 | 0.353159 | 3.0255% | 1900 |
| 2.748434 | 0.363844 | 0.6278% | 1899 | 2.731286 | 0.366128 | 1.7757% | 1898 |
| 2.683634 | 0.372629 | 1.8078% | 1897 | 2.635982 | 0.379365 | 1.8396% | 1896 |
| 2.588366 | 0.386344 | 1.8755% | 1895 | 2.540714 | 0.393590 | 1.9114% | 1894 |
| 2.493062 | 0.401113 | 1.9486% | 1893 | 2.445410 | 0.408929 | 1.9858% | 1892 |
| 2.397794 | 0.417050 | 2.0276% | 1891 | 2.350142 | 0.425506 | 2.6465% | 1890 |
| 2.289549 | 0.436767 | 1.5328% | 1889 | 2.254984 | 0.443462 | 2.0811% | 1888 |
| 2.209012 | 0.452691 | 2.1599% | 1887 | 2.162309 | 0.462469 | 2.2075% | 1886 |
| 2.115607 | 0.472678 | 2.2592% | 1885 | 2.068867 | 0.483356 | 2.3095% | 1884 |
| 2.022165 | 0.494520 | 2.3641% | 1883 | 1.975462 | 0.506211 | 2.4214% | 1882 |
| 1.928759 | 0.518468 | 2.4815% | 1881 | 1.882057 | 0.531334 | 3.7644% | 1880 |
| 1.813779 | 0.551335 | 0.9432% | 1879 | 1.796830 | 0.556536 | 2.1464% | 1878 |
| 1.759074 | 0.568481 | 2.1913% | 1877 | 1.721354 | 0.580938 | 2.2426% | 1876 |
| 1.683597 | 0.593966 | 2.2941% | 1875 | 1.645841 | 0.607592 | 2.3456% | 1874 |
| 1.608121 | 0.621844 | 2.4043% | 1873 | 1.570364 | 0.636795 | 2.4635% | 1872 |
| 1.532608 | 0.652483 | 2.5258% | 1871 | 1.494851 | 0.668963 | 5.9947% | 1870 |
| 1.410308 | 0.709065 | -1.0968% | 1869 | 1.425948 | 0.701288 | 2.1930% | 1868 |
| 1.395348 | 0.716667 | 2.2394% | 1867 | 1.364785 | 0.732716 | 2.2935% | 1866 |
| 1.334185 | 0.749521 | 2.3445% | 1865 | 1.303622 | 0.767093 | 2.4037% | 1864 |
| 1.273023 | 0.785532 | 2.4599% | 1863 | 1.242460 | 0.804855 | 2.5250% | 1862 |
| 1.211860 | 0.825178 | 2.5872% | 1861 | 1.181297 | 0.846527 | 2.9504% | 1860 |
| 1.147443 | 0.871503 | 2.4012% | 1859 | 1.120536 | 0.892430 | 2.7627% | 1858 |
| 1.090411 | 0.917085 | 2.8412% | 1857 | 1.060286 | 0.943142 | 2.9243% | 1856 |
| 1.030161 | 0.970722 | 3.0161% | 1855 | 1.000000 | 1.000000 | 3.1061% | 1854 |
| 0.969875 | 1.031061 | 3.2056% | 1853 | 0.939750 | 1.064113 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 0.909625 | 1.099354 | 3.4252% | 1851 | 0.879500 | 1.137009 | 4.0106% | 1850 |
| 0.845587 | 1.182610 | 2.3254% | 1849 | 0.826371 | 1.210110 | 2.7841% | 1848 |
| 0.803987 | 1.243801 | 2.8590% | 1847 | 0.781640 | 1.279361 | 2.9432% | 1846 |
| 0.759293 | 1.317015 | 3.0324% | 1845 | 0.736946 | 1.356952 | 3.1325% | 1844 |
| 0.714562 | 1.399458 | 3.2284% | 1843 | 0.692215 | 1.444638 | 3.3361% | 1842 |
| 0.669868 | 1.492832 | 3.4512% | 1841 | 0.647521 | 1.544352 | 3.8105% | 1840 |
| 0.623753 | 1.603200 | 2.3861% | 1839 | 0.609216 | 1.641453 | 2.5824% | 1838 |
| 0.593880 | 1.683842 | 2.6573% | 1837 | 0.578507 | 1.728587 | 2.7232% | 1836 |
| 0.563171 | 1.775660 | 2.7994% | 1835 | 0.547835 | 1.825368 | 2.8871% | 1834 |
| 0.532462 | 1.878069 | 2.9657% | 1833 | 0.517126 | 1.933766 | 3.0563% | 1832 |
| 0.501789 | 1.992869 | 3.1604% | 1831 | 0.486416 | 2.055852 | 3.4660% | 1830 |
| 0.470122 | 2.127107 | 2.4653% | 1829 | 0.458811 | 2.179546 | 2.6804% | 1828 |
| 0.446834 | 2.237967 | 10.3427% | 1827 | 0.404951 | 2.469432 | -4.2314% | 1826 |
| 0.422844 | 2.364940 | 2.9150% | 1825 | 0.410867 | 2.433878 | 3.0026% | 1824 |
| 0.398890 | 2.506957 | 3.0955% | 1823 | 0.386913 | 2.584560 | 3.1944% | 1822 |
| 0.374936 | 2.667121 | 3.3102% | 1821 | 0.362923 | 2.755408 | 3.2277% | 1820 |
| 0.351575 | 2.844345 | 2.6573% | 1819 | 0.342474 | 2.919927 | 2.6261% | 1818 |
| 0.333711 | 2.996608 | 2.6969% | 1817 | 0.324947 | 3.077424 | 2.7717% | 1816 |
| 0.316183 | 3.162721 | 2.8507% | 1815 | 0.307420 | 3.252880 | 2.9343% | 1814 |
| 0.298656 | 3.348331 | 3.0231% | 1813 | 0.289893 | 3.449553 | 3.1039% | 1812 |
| 0.281166 | 3.556623 | 3.2172% | 1811 | 0.272402 | 3.671046 | 3.0969% | 1810 |
| 0.264219 | 3.784735 | 2.9144% | 1809 | 0.256737 | 3.895036 | 2.8225% | 1808 |
| 0.249690 | 4.004972 | 2.9199% | 1807 | 0.242606 | 4.121915 | 2.9918% | 1806 |
| 0.235558 | 4.245233 | 3.0841% | 1805 | 0.228511 | 4.376159 | 3.1822% | 1804 |
| 0.221464 | 4.515416 | 3.2868% | 1803 | 0.214416 | 4.663828 | 3.3985% | 1802 |
| 0.207369 | 4.822328 | 3.5180% | 1801 | 0.200321 | 4.991980 | 3.3999% | 1800 |
| 0.193734 | 5.161704 | 2.8419% | 1799 | 0.188381 | 5.308393 | 2.7485% | 1798 |
| 0.183342 | 5.454292 | 2.8261% | 1797 | 0.178303 | 5.608437 | 3.7832% | 1796 |
| 0.171803 | 5.820616 | 2.1272% | 1795 | 0.168225 | 5.944432 | 3.0879% | 1794 |
| 0.163186 | 6.127993 | 3.1625% | 1793 | 0.158183 | 6.321791 | 3.2904% | 1792 |

0.153144 6.529804 3.4024% 1791 0.148105 6.751972 3.2296% 1790
0.143471 6.970032 41.3145% 1780 0.101526 9.849662 29.4353% 1770
0.078438 12.748941 83.4728% 1750 0.042752 23.390844 29.2845% 1740
0.033068 30.240724 94.2514% 1720 0.017023 58.743029 85.8111% 1700
0.009162 109.151056 19.2490% 1690 0.007683 130.161597 88.0250%
1670 0.004086 244.736372

BASE YEAR: 1854

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 11.348607 | 0.088117 | 8.2857% | 2001 | 10.480249 | 0.095418 | 1.0000% |
| 2000 | 10.376483 | 0.096372 | 1.0000% | 1999 | 10.273746 | 0.097335 | 1.0000% |
| 1998 | 10.172026 | 0.098309 | 1.0000% | 1997 | 10.071312 | 0.099292 | 1.0000% |
| 1996 | 9.971596 | 0.100285 | 1.0000% | 1995 | 9.872868 | 0.101288 | 0.9992% |
| 1994 | 9.775192 | 0.102300 | 1.0008% | 1993 | 9.678333 | 0.103324 | 1.0000% |
| 1992 | 9.582508 | 0.104357 | 0.9295% | 1991 | 9.494258 | 0.105327 | 1.2505% |
| 1990 | 9.376998 | 0.106644 | 0.7224% | 1989 | 9.309740 | 0.107414 | 1.1077% |
| 1988 | 9.207748 | 0.108604 | 0.8834% | 1987 | 9.127122 | 0.109564 | 0.5594% |
| 1986 | 9.076353 | 0.110176 | 1.3056% | 1985 | 8.959377 | 0.111615 | 0.7673% |
| 1984 | 8.891156 | 0.112471 | 0.8149% | 1983 | 8.819284 | 0.113388 | 0.9737% |
| 1982 | 8.734234 | 0.114492 | 0.9508% | 1981 | 8.651971 | 0.115581 | 0.9031% |
| 1980 | 8.574537 | 0.116624 | 2.2701% | 1979 | 8.384210 | 0.119272 | 1.0042% |
| 1978 | 8.300855 | 0.120470 | 0.9896% | 1977 | 8.219514 | 0.121662 | 0.9103% |
| 1976 | 8.145364 | 0.122769 | 0.8394% | 1975 | 8.077557 | 0.123800 | 0.9042% |
| 1974 | 8.005177 | 0.124919 | 1.1568% | 1973 | 7.913633 | 0.126364 | 0.9427% |
| 1972 | 7.839727 | 0.127555 | 0.7426% | 1971 | 7.781936 | 0.128503 | 1.4697% |
| 1970 | 7.669219 | 0.130391 | 0.6968% | 1969 | 7.616148 | 0.131300 | 0.8565% |
| 1968 | 7.551466 | 0.132425 | 1.5090% | 1967 | 7.439206 | 0.134423 | 0.9949% |
| 1966 | 7.365922 | 0.135760 | 1.0575% | 1965 | 7.288845 | 0.137196 | 1.1300% |
| 1964 | 7.207400 | 0.138746 | 1.5537% | 1963 | 7.097135 | 0.140902 | 1.4658% |
| 1962 | 6.994607 | 0.142967 | 1.5364% | 1961 | 6.888765 | 0.145164 | 2.1586% |
| 1960 | 6.743204 | 0.148297 | -1.6655% | 1959 | 6.857413 | 0.145828 | 4.3080% |
| 1958 | 6.574197 | 0.152110 | 2.1130% | 1957 | 6.438161 | 0.155324 | 1.9895% |
| 1956 | 6.312573 | 0.158414 | 2.1231% | 1955 | 6.181337 | 0.161777 | 1.4496% |
| 1954 | 6.093012 | 0.164122 | 2.1573% | 1953 | 5.964346 | 0.167663 | 1.2298% |
| 1952 | 5.891890 | 0.169725 | 1.6814% | 1951 | 5.794464 | 0.172579 | 1.6233% |
| 1950 | 5.701906 | 0.175380 | 1.4265% | 1949 | 5.621710 | 0.177882 | 1.7790% |
| 1948 | 5.523446 | 0.181046 | 1.8242% | 1947 | 5.424495 | 0.184349 | -2.6320% |
| 1946 | 5.571129 | 0.179497 | 3.1768% | 1945 | 5.399594 | 0.185199 | 6.4754% |
| 1944 | 5.071212 | 0.197192 | -0.3437% | 1943 | 5.088701 | 0.196514 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.055525 | 0.197803 | 0.6633% | 1941 | 5.022213 | 0.199115 | -5.6614% | 1940 |
| 5.323605 | 0.187843 | 8.0381% | 1939 | 4.927525 | 0.202942 | 0.8126% | 1938 |
| 4.887805 | 0.204591 | 0.7762% | 1937 | 4.850156 | 0.206179 | 0.6029% | 1936 |
| 4.821091 | 0.207422 | 0.5244% | 1935 | 4.795941 | 0.208510 | -3.0364% | 1934 |
| 4.946124 | 0.202179 | 4.6271% | 1933 | 4.727382 | 0.211534 | 1.3921% | 1932 |
| 4.662475 | 0.214478 | -0.2051% | 1931 | 4.672057 | 0.214038 | 0.8886% | 1930 |
| 4.630907 | 0.215940 | 1.0126% | 1929 | 4.584485 | 0.218127 | 1.1526% | 1928 |
| 4.532247 | 0.220641 | 1.2160% | 1927 | 4.477796 | 0.223324 | 1.4086% | 1926 |
| 4.415599 | 0.226470 | 1.7667% | 1925 | 4.338944 | 0.230471 | 1.4465% | 1924 |
| 4.277075 | 0.233805 | 1.7700% | 1923 | 4.202689 | 0.237943 | 1.6165% | 1922 |
| 4.135833 | 0.241789 | 1.3736% | 1921 | 4.079791 | 0.245111 | 2.3393% | 1920 |
| 3.986533 | 0.250845 | 1.3140% | 1919 | 3.934829 | 0.254141 | 0.7676% | 1918 |
| 3.904854 | 0.256092 | 0.3870% | 1917 | 3.889801 | 0.257083 | 1.3274% | 1916 |
| 3.838843 | 0.260495 | 1.4083% | 1915 | 3.785531 | 0.264164 | 1.4458% | 1914 |
| 3.731580 | 0.267983 | 1.9424% | 1913 | 3.660480 | 0.273188 | 1.9857% | 1912 |
| 3.589210 | 0.278613 | 1.5634% | 1911 | 3.533960 | 0.282969 | 1.8169% | 1910 |
| 3.470896 | 0.288110 | 1.8781% | 1909 | 3.406912 | 0.293521 | 2.0082% | 1908 |
| 3.339840 | 0.299416 | 1.9603% | 1907 | 3.275630 | 0.305285 | 1.8264% | 1906 |
| 3.216878 | 0.310860 | 1.9357% | 1905 | 3.155792 | 0.316878 | 2.0148% | 1904 |
| 3.093464 | 0.323262 | 2.1335% | 1903 | 3.028843 | 0.330159 | 1.8151% | 1902 |
| 2.974845 | 0.336152 | 1.8943% | 1901 | 2.919539 | 0.342520 | 3.0255% | 1900 |
| 2.833802 | 0.352883 | 0.6278% | 1899 | 2.816121 | 0.355098 | 1.7757% | 1898 |
| 2.766989 | 0.361404 | 1.8078% | 1897 | 2.717857 | 0.367937 | 1.8396% | 1896 |
| 2.668762 | 0.374706 | 1.8755% | 1895 | 2.619630 | 0.381733 | 1.9114% | 1894 |
| 2.570498 | 0.389030 | 1.9486% | 1893 | 2.521366 | 0.396610 | 1.9858% | 1892 |
| 2.472271 | 0.404486 | 2.0276% | 1891 | 2.423139 | 0.412688 | 2.6465% | 1890 |
| 2.360664 | 0.423610 | 1.5328% | 1889 | 2.325025 | 0.430103 | 2.0811% | 1888 |
| 2.277625 | 0.439054 | 2.1599% | 1887 | 2.229472 | 0.448537 | 2.2075% | 1886 |
| 2.181318 | 0.458438 | 2.2592% | 1885 | 2.133128 | 0.468795 | 2.3095% | 1884 |
| 2.084974 | 0.479622 | 2.3641% | 1883 | 2.036821 | 0.490961 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.988668 | 0.502849 | 2.4815% | 1881 | 1.940514 | 0.515327 | 3.7644% | 1880 |
| 1.870116 | 0.534726 | 0.9432% | 1879 | 1.852641 | 0.539770 | 2.1464% | 1878 |
| 1.813712 | 0.551356 | 2.1913% | 1877 | 1.774820 | 0.563437 | 2.2426% | 1876 |
| 1.735891 | 0.576073 | 2.2941% | 1875 | 1.696962 | 0.589288 | 2.3456% | 1874 |
| 1.658070 | 0.603111 | 2.4043% | 1873 | 1.619141 | 0.617611 | 2.4635% | 1872 |
| 1.580212 | 0.632827 | 2.5258% | 1871 | 1.541282 | 0.648810 | 5.9947% | 1870 |
| 1.454113 | 0.687704 | -1.0968% | 1869 | 1.470238 | 0.680162 | 2.1930% | 1868 |
| 1.438688 | 0.695078 | 2.2394% | 1867 | 1.407176 | 0.710643 | 2.2935% | 1866 |
| 1.375626 | 0.726942 | 2.3445% | 1865 | 1.344114 | 0.743985 | 2.4037% | 1864 |
| 1.312564 | 0.761868 | 2.4599% | 1863 | 1.281051 | 0.780609 | 2.5250% | 1862 |
| 1.249501 | 0.800319 | 2.5872% | 1861 | 1.217989 | 0.821026 | 2.9504% | 1860 |
| 1.183083 | 0.845249 | 2.4012% | 1859 | 1.155341 | 0.865546 | 2.7627% | 1858 |
| 1.124280 | 0.889458 | 2.8412% | 1857 | 1.093219 | 0.914729 | 2.9243% | 1856 |
| 1.062159 | 0.941479 | 3.0161% | 1855 | 1.031061 | 0.969875 | 3.1061% | 1854 |
| 1.000000 | 1.000000 | 3.2056% | 1853 | 0.968939 | 1.032056 | 3.3118% | 1852 |
| 0.937879 | 1.066236 | 3.4252% | 1851 | 0.906818 | 1.102757 | 4.0106% | 1850 |
| 0.871852 | 1.146984 | 2.3254% | 1849 | 0.852039 | 1.173656 | 2.7841% | 1848 |
| 0.828960 | 1.206331 | 2.8590% | 1847 | 0.805918 | 1.240820 | 2.9432% | 1846 |
| 0.782877 | 1.277340 | 3.0324% | 1845 | 0.759836 | 1.316074 | 3.1325% | 1844 |
| 0.736757 | 1.357300 | 3.2284% | 1843 | 0.713716 | 1.401118 | 3.3361% | 1842 |
| 0.690674 | 1.447860 | 3.4512% | 1841 | 0.667633 | 1.497829 | 3.8105% | 1840 |
| 0.643127 | 1.554904 | 2.3861% | 1839 | 0.628139 | 1.592004 | 2.5824% | 1838 |
| 0.612326 | 1.633116 | 2.6573% | 1837 | 0.596476 | 1.676513 | 2.7232% | 1836 |
| 0.580663 | 1.722168 | 2.7994% | 1835 | 0.564851 | 1.770379 | 2.8871% | 1834 |
| 0.549000 | 1.821492 | 2.9657% | 1833 | 0.533188 | 1.875512 | 3.0563% | 1832 |
| 0.517375 | 1.932834 | 3.1604% | 1831 | 0.501525 | 1.993919 | 3.4660% | 1830 |
| 0.484724 | 2.063028 | 2.4653% | 1829 | 0.473062 | 2.113888 | 2.6804% | 1828 |
| 0.460713 | 2.170548 | 10.3427% | 1827 | 0.417529 | 2.395041 | -4.2314% | 1826 |
| 0.435978 | 2.293696 | 2.9150% | 1825 | 0.423629 | 2.360558 | 3.0026% | 1824 |
| 0.411280 | 2.431435 | 3.0955% | 1823 | 0.398931 | 2.506701 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|------------|------|----------|------------|----------|------|
| 0.386582 | 2.586774 | 3.3102% | 1821 | 0.374195 | 2.672402 | 3.2277% | 1820 |
| 0.362495 | 2.758660 | 2.6573% | 1819 | 0.353112 | 2.831965 | 2.6261% | 1818 |
| 0.344076 | 2.906335 | 2.6969% | 1817 | 0.335040 | 2.984717 | 2.7717% | 1816 |
| 0.326004 | 3.067444 | 2.8507% | 1815 | 0.316968 | 3.154888 | 2.9343% | 1814 |
| 0.307933 | 3.247463 | 3.0231% | 1813 | 0.298897 | 3.345635 | 3.1039% | 1812 |
| 0.289899 | 3.449481 | 3.2172% | 1811 | 0.280863 | 3.560456 | 3.0969% | 1810 |
| 0.272426 | 3.670720 | 2.9144% | 1809 | 0.264711 | 3.777699 | 2.8225% | 1808 |
| 0.257445 | 3.884323 | 2.9199% | 1807 | 0.250141 | 3.997742 | 2.9918% | 1806 |
| 0.242875 | 4.117346 | 3.0841% | 1805 | 0.235609 | 4.244327 | 3.1822% | 1804 |
| 0.228342 | 4.379390 | 3.2868% | 1803 | 0.221076 | 4.523331 | 3.3985% | 1802 |
| 0.213810 | 4.677056 | 3.5180% | 1801 | 0.206543 | 4.841597 | 3.3999% | 1800 |
| 0.199752 | 5.006209 | 2.8419% | 1799 | 0.194232 | 5.148478 | 2.7485% | 1798 |
| 0.189037 | 5.289982 | 2.8261% | 1797 | 0.183841 | 5.439484 | 3.7832% | 1796 |
| 0.177139 | 5.645271 | 2.1272% | 1795 | 0.173450 | 5.765357 | 3.0879% | 1794 |
| 0.168254 | 5.943388 | 3.1625% | 1793 | 0.163096 | 6.131348 | 3.2904% | 1792 |
| 0.157901 | 6.333095 | 3.4024% | 1791 | 0.152705 | 6.548570 | 3.2296% | 1790 |
| 0.147928 | 6.760060 | 41.3145% | 1780 | 0.104680 | 9.552942 | 29.4353% | 1770 |
| 0.080874 | 12.364881 | 83.4728% | 1750 | 0.044080 | 22.686197 | 29.2845% | 1740 |
| 0.034095 | 29.329726 | 94.2514% | 1720 | 0.017552 | 56.973402 | 85.8111% | 1700 |
| 0.009446 | 105.862894 | 19.2490% | 1690 | 0.007921 | 126.240494 | 88.0250% | |
| 1670 | 0.004213 | 237.363718 | | | | | |

BASE YEAR: 1853

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 11.712401 | 0.085380 | 8.2857% | 2001 | 10.816207 | 0.092454 | 1.0000% |
| 2000 | 10.709115 | 0.093378 | 1.0000% | 1999 | 10.603084 | 0.094312 | 1.0000% |
| 1998 | 10.498103 | 0.095255 | 1.0000% | 1997 | 10.394161 | 0.096208 | 1.0000% |
| 1996 | 10.291249 | 0.097170 | 1.0000% | 1995 | 10.189355 | 0.098142 | 0.9992% |
| 1994 | 10.088548 | 0.099122 | 1.0008% | 1993 | 9.988584 | 0.100114 | 1.0000% |

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|----------|----------|----------|---------|----------|----------|----------|---------|------|
| 1992 | 9.889688 | 0.101115 | 0.9295% | 1991 | 9.798609 | 0.102055 | 1.2505% | 1990 |
| 9.677589 | 0.103332 | 0.7224% | 1989 | 9.608175 | 0.104078 | 1.1077% | 1988 | |
| 9.502914 | 0.105231 | 0.8834% | 1987 | 9.419704 | 0.106160 | 0.5594% | 1986 | |
| 9.367306 | 0.106754 | 1.3056% | 1985 | 9.246581 | 0.108148 | 0.7673% | 1984 | |
| 9.176173 | 0.108978 | 0.8149% | 1983 | 9.101997 | 0.109866 | 0.9737% | 1982 | |
| 9.014221 | 0.110936 | 0.9508% | 1981 | 8.929321 | 0.111991 | 0.9031% | 1980 | |
| 8.849405 | 0.113002 | 2.2701% | 1979 | 8.652976 | 0.115567 | 1.0042% | 1978 | |
| 8.566949 | 0.116728 | 0.9896% | 1977 | 8.483000 | 0.117883 | 0.9103% | 1976 | |
| 8.406473 | 0.118956 | 0.8394% | 1975 | 8.336494 | 0.119955 | 0.9042% | 1974 | |
| 8.261793 | 0.121039 | 1.1568% | 1973 | 8.167314 | 0.122439 | 0.9427% | 1972 | |
| 8.091040 | 0.123594 | 0.7426% | 1971 | 8.031396 | 0.124511 | 1.4697% | 1970 | |
| 7.915065 | 0.126341 | 0.6968% | 1969 | 7.860293 | 0.127222 | 0.8565% | 1968 | |
| 7.793538 | 0.128311 | 1.5090% | 1967 | 7.677679 | 0.130248 | 0.9949% | 1966 | |
| 7.602046 | 0.131544 | 1.0575% | 1965 | 7.522498 | 0.132935 | 1.1300% | 1964 | |
| 7.438442 | 0.134437 | 1.5537% | 1963 | 7.324643 | 0.136525 | 1.4658% | 1962 | |
| 7.218828 | 0.138527 | 1.5364% | 1961 | 7.109594 | 0.140655 | 2.1586% | 1960 | |
| 6.959366 | 0.143691 | -1.6655% | 1959 | 7.077236 | 0.141298 | 4.3080% | 1958 | |
| 6.784941 | 0.147385 | 2.1130% | 1957 | 6.644545 | 0.150499 | 1.9895% | 1956 | |
| 6.514930 | 0.153494 | 2.1231% | 1955 | 6.379488 | 0.156752 | 1.4496% | 1954 | |
| 6.288332 | 0.159025 | 2.1573% | 1953 | 6.155541 | 0.162455 | 1.2298% | 1952 | |
| 6.080762 | 0.164453 | 1.6814% | 1951 | 5.980213 | 0.167218 | 1.6233% | 1950 | |
| 5.884688 | 0.169933 | 1.4265% | 1949 | 5.801921 | 0.172357 | 1.7790% | 1948 | |
| 5.700507 | 0.175423 | 1.8242% | 1947 | 5.598384 | 0.178623 | -2.6320% | 1946 | |
| 5.749718 | 0.173922 | 3.1768% | 1945 | 5.572685 | 0.179447 | 6.4754% | 1944 | |
| 5.233776 | 0.191067 | -0.3437% | 1943 | 5.251826 | 0.190410 | 0.6562% | 1942 | |
| 5.217587 | 0.191659 | 0.6633% | 1941 | 5.183206 | 0.192931 | -5.6614% | 1940 | |
| 5.494260 | 0.182008 | 8.0381% | 1939 | 5.085483 | 0.196638 | 0.8126% | 1938 | |
| 5.044490 | 0.198236 | 0.7762% | 1937 | 5.005634 | 0.199775 | 0.6029% | 1936 | |
| 4.975637 | 0.200979 | 0.5244% | 1935 | 4.949681 | 0.202033 | -3.0364% | 1934 | |
| 5.104678 | 0.195899 | 4.6271% | 1933 | 4.878924 | 0.204963 | 1.3921% | 1932 | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 4.811937 | 0.207817 | -0.2051% | 1931 | 4.821825 | 0.207390 | 0.8886% | 1930 |
| 4.779356 | 0.209233 | 1.0126% | 1929 | 4.731446 | 0.211352 | 1.1526% | 1928 |
| 4.677533 | 0.213788 | 1.2160% | 1927 | 4.621338 | 0.216388 | 1.4086% | 1926 |
| 4.557147 | 0.219436 | 1.7667% | 1925 | 4.478034 | 0.223312 | 1.4465% | 1924 |
| 4.414183 | 0.226543 | 1.7700% | 1923 | 4.337412 | 0.230552 | 1.6165% | 1922 |
| 4.268412 | 0.234279 | 1.3736% | 1921 | 4.210574 | 0.237497 | 2.3393% | 1920 |
| 4.114327 | 0.243053 | 1.3140% | 1919 | 4.060965 | 0.246247 | 0.7676% | 1918 |
| 4.030029 | 0.248137 | 0.3870% | 1917 | 4.014493 | 0.249097 | 1.3274% | 1916 |
| 3.961902 | 0.252404 | 1.4083% | 1915 | 3.906881 | 0.255959 | 1.4458% | 1914 |
| 3.851201 | 0.259659 | 1.9424% | 1913 | 3.777821 | 0.264703 | 1.9857% | 1912 |
| 3.704266 | 0.269959 | 1.5634% | 1911 | 3.647245 | 0.274180 | 1.8169% | 1910 |
| 3.582160 | 0.279161 | 1.8781% | 1909 | 3.516125 | 0.284404 | 2.0082% | 1908 |
| 3.446903 | 0.290115 | 1.9603% | 1907 | 3.380634 | 0.295802 | 1.8264% | 1906 |
| 3.319999 | 0.301205 | 1.9357% | 1905 | 3.256955 | 0.307035 | 2.0148% | 1904 |
| 3.192629 | 0.313221 | 2.1335% | 1903 | 3.125936 | 0.319904 | 1.8151% | 1902 |
| 3.070207 | 0.325711 | 1.8943% | 1901 | 3.013128 | 0.331881 | 3.0255% | 1900 |
| 2.924643 | 0.341922 | 0.6278% | 1899 | 2.906396 | 0.344069 | 1.7757% | 1898 |
| 2.855689 | 0.350178 | 1.8078% | 1897 | 2.804981 | 0.356509 | 1.8396% | 1896 |
| 2.754313 | 0.363067 | 1.8755% | 1895 | 2.703606 | 0.369876 | 1.9114% | 1894 |
| 2.652899 | 0.376946 | 1.9486% | 1893 | 2.602191 | 0.384291 | 1.9858% | 1892 |
| 2.551523 | 0.391923 | 2.0276% | 1891 | 2.500816 | 0.399869 | 2.6465% | 1890 |
| 2.436338 | 0.410452 | 1.5328% | 1889 | 2.399557 | 0.416744 | 2.0811% | 1888 |
| 2.350637 | 0.425417 | 2.1599% | 1887 | 2.300940 | 0.434605 | 2.2075% | 1886 |
| 2.251243 | 0.444199 | 2.2592% | 1885 | 2.201508 | 0.454234 | 2.3095% | 1884 |
| 2.151811 | 0.464725 | 2.3641% | 1883 | 2.102114 | 0.475712 | 2.4214% | 1882 |
| 2.052417 | 0.487230 | 2.4815% | 1881 | 2.002720 | 0.499321 | 3.7644% | 1880 |
| 1.930065 | 0.518117 | 0.9432% | 1879 | 1.912030 | 0.523004 | 2.1464% | 1878 |
| 1.871853 | 0.534230 | 2.1913% | 1877 | 1.831714 | 0.545937 | 2.2426% | 1876 |
| 1.791537 | 0.558180 | 2.2941% | 1875 | 1.751360 | 0.570985 | 2.3456% | 1874 |
| 1.711222 | 0.584378 | 2.4043% | 1873 | 1.671044 | 0.598428 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.630867 | 0.613171 | 2.5258% | 1871 | 1.590690 | 0.628658 | 5.9947% | 1870 |
| 1.500726 | 0.666344 | -1.0968% | 1869 | 1.517369 | 0.659036 | 2.1930% | 1868 |
| 1.484807 | 0.673488 | 2.2394% | 1867 | 1.452285 | 0.688570 | 2.2935% | 1866 |
| 1.419723 | 0.704363 | 2.3445% | 1865 | 1.387201 | 0.720876 | 2.4037% | 1864 |
| 1.354639 | 0.738204 | 2.4599% | 1863 | 1.322117 | 0.756363 | 2.5250% | 1862 |
| 1.289555 | 0.775461 | 2.5872% | 1861 | 1.257033 | 0.795524 | 2.9504% | 1860 |
| 1.221008 | 0.818995 | 2.4012% | 1859 | 1.192376 | 0.838661 | 2.7627% | 1858 |
| 1.160320 | 0.861831 | 2.8412% | 1857 | 1.128264 | 0.886317 | 2.9243% | 1856 |
| 1.096208 | 0.912236 | 3.0161% | 1855 | 1.064113 | 0.939750 | 3.1061% | 1854 |
| 1.032056 | 0.968939 | 3.2056% | 1853 | 1.000000 | 1.000000 | 3.3118% | 1852 |
| 0.967944 | 1.033118 | 3.4252% | 1851 | 0.935887 | 1.068505 | 4.0106% | 1850 |
| 0.899800 | 1.111358 | 2.3254% | 1849 | 0.879352 | 1.137201 | 2.7841% | 1848 |
| 0.855533 | 1.168862 | 2.8590% | 1847 | 0.831753 | 1.202280 | 2.9432% | 1846 |
| 0.807973 | 1.237665 | 3.0324% | 1845 | 0.784193 | 1.275196 | 3.1325% | 1844 |
| 0.760375 | 1.315141 | 3.2284% | 1843 | 0.736595 | 1.357599 | 3.3361% | 1842 |
| 0.712815 | 1.402889 | 3.4512% | 1841 | 0.689035 | 1.451305 | 3.8105% | 1840 |
| 0.663743 | 1.506607 | 2.3861% | 1839 | 0.648275 | 1.542556 | 2.5824% | 1838 |
| 0.631955 | 1.582391 | 2.6573% | 1837 | 0.615597 | 1.624440 | 2.7232% | 1836 |
| 0.599277 | 1.668677 | 2.7994% | 1835 | 0.582958 | 1.715390 | 2.8871% | 1834 |
| 0.566599 | 1.764916 | 2.9657% | 1833 | 0.550280 | 1.817257 | 3.0563% | 1832 |
| 0.533960 | 1.872799 | 3.1604% | 1831 | 0.517602 | 1.931987 | 3.4660% | 1830 |
| 0.500263 | 1.998949 | 2.4653% | 1829 | 0.488227 | 2.048229 | 2.6804% | 1828 |
| 0.475482 | 2.103130 | 10.3427% | 1827 | 0.430914 | 2.320649 | -4.2314% | 1826 |
| 0.449953 | 2.222453 | 2.9150% | 1825 | 0.437209 | 2.287238 | 3.0026% | 1824 |
| 0.424464 | 2.355914 | 3.0955% | 1823 | 0.411719 | 2.428841 | 3.1944% | 1822 |
| 0.398974 | 2.506428 | 3.3102% | 1821 | 0.386191 | 2.589395 | 3.2277% | 1820 |
| 0.374115 | 2.672974 | 2.6573% | 1819 | 0.364431 | 2.744003 | 2.6261% | 1818 |
| 0.355106 | 2.816063 | 2.6969% | 1817 | 0.345780 | 2.892010 | 2.7717% | 1816 |
| 0.336455 | 2.972168 | 2.8507% | 1815 | 0.327129 | 3.056895 | 2.9343% | 1814 |
| 0.317804 | 3.146595 | 3.0231% | 1813 | 0.308478 | 3.241718 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.299192 | 3.342338 | 3.2172% | 1811 | 0.289866 | 3.449866 | 3.0969% | 1810 |
| 0.281159 | 3.556705 | 2.9144% | 1809 | 0.273197 | 3.660361 | 2.8225% | 1808 |
| 0.265698 | 3.763674 | 2.9199% | 1807 | 0.258160 | 3.873570 | 2.9918% | 1806 |
| 0.250661 | 3.989459 | 3.0841% | 1805 | 0.243161 | 4.112496 | 3.1822% | 1804 |
| 0.235662 | 4.243364 | 3.2868% | 1803 | 0.228163 | 4.382834 | 3.3985% | 1802 |
| 0.220664 | 4.531784 | 3.5180% | 1801 | 0.213164 | 4.691214 | 3.3999% | 1800 |
| 0.206155 | 4.850713 | 2.8419% | 1799 | 0.200459 | 4.988564 | 2.7485% | 1798 |
| 0.195096 | 5.125672 | 2.8261% | 1797 | 0.189734 | 5.270530 | 3.7832% | 1796 |
| 0.182818 | 5.469926 | 2.1272% | 1795 | 0.179010 | 5.586282 | 3.0879% | 1794 |
| 0.173648 | 5.758783 | 3.1625% | 1793 | 0.168325 | 5.940905 | 3.2904% | 1792 |
| 0.162962 | 6.136385 | 3.4024% | 1791 | 0.157600 | 6.345168 | 3.2296% | 1790 |
| 0.152670 | 6.550089 | 41.3145% | 1780 | 0.108035 | 9.256222 | 29.4353% | 1770 |
| 0.083467 | 11.980820 | 83.4728% | 1750 | 0.045493 | 21.981551 | 29.2845% | 1740 |
| 0.035188 | 28.418728 | 94.2514% | 1720 | 0.018115 | 55.203775 | 85.8111% | 1700 |
| 0.009749 | 102.574731 | 19.2490% | 1690 | 0.008175 | 122.319392 | 88.0250% | 1670 |
| 0.004348 | 229.991063 | | | | | | |

BASE YEAR: 1852

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 12.100291 | 0.082643 | 8.2857% | 2001 | 11.174417 | 0.089490 | 1.0000% |
| 2000 | 11.063778 | 0.090385 | 1.0000% | 1999 | 10.954236 | 0.091289 | 1.0000% |
| 1998 | 10.845778 | 0.092202 | 1.0000% | 1997 | 10.738394 | 0.093124 | 1.0000% |
| 1996 | 10.632073 | 0.094055 | 1.0000% | 1995 | 10.526805 | 0.094996 | 0.9992% |
| 1994 | 10.422660 | 0.095945 | 1.0008% | 1993 | 10.319385 | 0.096905 | 1.0000% |
| 1992 | 10.217213 | 0.097874 | 0.9295% | 1991 | 10.123118 | 0.098784 | 1.2505% |
| 1990 | 9.998091 | 0.100019 | 0.7224% | 1989 | 9.926378 | 0.100742 | 1.1077% |
| 1988 | 9.817631 | 0.101858 | 0.8834% | 1987 | 9.731665 | 0.102757 | 0.5594% |
| 1986 | 9.677532 | 0.103332 | 1.3056% | 1985 | 9.552808 | 0.104681 | 0.7673% |
| 1984 | 9.480069 | 0.105484 | 0.8149% | 1983 | 9.403436 | 0.106344 | 0.9737% |
| 1982 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 9.312753 | 0.107380 | 0.9508% | 1981 | 9.225041 | 0.108401 | 0.9031% | 1980 |
| 9.142479 | 0.109380 | 2.2701% | 1979 | 8.939545 | 0.111863 | 1.0042% | 1978 |
| 8.850668 | 0.112986 | 0.9896% | 1977 | 8.763940 | 0.114104 | 0.9103% | 1976 |
| 8.684878 | 0.115143 | 0.8394% | 1975 | 8.612581 | 0.116109 | 0.9042% | 1974 |
| 8.535406 | 0.117159 | 1.1568% | 1973 | 8.437799 | 0.118514 | 0.9427% | 1972 |
| 8.358998 | 0.119632 | 0.7426% | 1971 | 8.297379 | 0.120520 | 1.4697% | 1970 |
| 8.177195 | 0.122291 | 0.6968% | 1969 | 8.120609 | 0.123143 | 0.8565% | 1968 |
| 8.051644 | 0.124198 | 1.5090% | 1967 | 7.931948 | 0.126072 | 0.9949% | 1966 |
| 7.853810 | 0.127327 | 1.0575% | 1965 | 7.771627 | 0.128673 | 1.1300% | 1964 |
| 7.684788 | 0.130127 | 1.5537% | 1963 | 7.567219 | 0.132149 | 1.4658% | 1962 |
| 7.457900 | 0.134086 | 1.5364% | 1961 | 7.345048 | 0.136146 | 2.1586% | 1960 |
| 7.189846 | 0.139085 | -1.6655% | 1959 | 7.311619 | 0.136769 | 4.3080% | 1958 |
| 7.009644 | 0.142661 | 2.1130% | 1957 | 6.864598 | 0.145675 | 1.9895% | 1956 |
| 6.730691 | 0.148573 | 2.1231% | 1955 | 6.590763 | 0.151727 | 1.4496% | 1954 |
| 6.496588 | 0.153927 | 2.1573% | 1953 | 6.359399 | 0.157248 | 1.2298% | 1952 |
| 6.282144 | 0.159181 | 1.6814% | 1951 | 6.178265 | 0.161858 | 1.6233% | 1950 |
| 6.079576 | 0.164485 | 1.4265% | 1949 | 5.994069 | 0.166832 | 1.7790% | 1948 |
| 5.889296 | 0.169800 | 1.8242% | 1947 | 5.783790 | 0.172897 | -2.6320% | 1946 |
| 5.940137 | 0.168346 | 3.1768% | 1945 | 5.757241 | 0.173694 | 6.4754% | 1944 |
| 5.407108 | 0.184942 | -0.3437% | 1943 | 5.425755 | 0.184306 | 0.6562% | 1942 |
| 5.390382 | 0.185516 | 0.6633% | 1941 | 5.354863 | 0.186746 | -5.6614% | 1940 |
| 5.676218 | 0.176174 | 8.0381% | 1939 | 5.253904 | 0.190335 | 0.8126% | 1938 |
| 5.211553 | 0.191881 | 0.7762% | 1937 | 5.171410 | 0.193371 | 0.6029% | 1936 |
| 5.140420 | 0.194537 | 0.5244% | 1935 | 5.113604 | 0.195557 | -3.0364% | 1934 |
| 5.273734 | 0.189619 | 4.6271% | 1933 | 5.040504 | 0.198393 | 1.3921% | 1932 |
| 4.971298 | 0.201155 | -0.2051% | 1931 | 4.981514 | 0.200742 | 0.8886% | 1930 |
| 4.937638 | 0.202526 | 1.0126% | 1929 | 4.888142 | 0.204577 | 1.1526% | 1928 |
| 4.832443 | 0.206935 | 1.2160% | 1927 | 4.774387 | 0.209451 | 1.4086% | 1926 |
| 4.708070 | 0.212401 | 1.7667% | 1925 | 4.626337 | 0.216154 | 1.4465% | 1924 |
| 4.560371 | 0.219280 | 1.7700% | 1923 | 4.481058 | 0.223162 | 1.6165% | 1922 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 4.409773 | 0.226769 | 1.3736% | 1921 | 4.350019 | 0.229884 | 2.3393% | 1920 |
| 4.250584 | 0.235262 | 1.3140% | 1919 | 4.195456 | 0.238353 | 0.7676% | 1918 |
| 4.163495 | 0.240183 | 0.3870% | 1917 | 4.147445 | 0.241112 | 1.3274% | 1916 |
| 4.093111 | 0.244313 | 1.4083% | 1915 | 4.036269 | 0.247754 | 1.4458% | 1914 |
| 3.978744 | 0.251336 | 1.9424% | 1913 | 3.902934 | 0.256217 | 1.9857% | 1912 |
| 3.826944 | 0.261305 | 1.5634% | 1911 | 3.768034 | 0.265390 | 1.8169% | 1910 |
| 3.700794 | 0.270212 | 1.8781% | 1909 | 3.632572 | 0.275287 | 2.0082% | 1908 |
| 3.561057 | 0.280815 | 1.9603% | 1907 | 3.492594 | 0.286320 | 1.8264% | 1906 |
| 3.429951 | 0.291549 | 1.9357% | 1905 | 3.364819 | 0.297193 | 2.0148% | 1904 |
| 3.298362 | 0.303181 | 2.1335% | 1903 | 3.229461 | 0.309649 | 1.8151% | 1902 |
| 3.171886 | 0.315270 | 1.8943% | 1901 | 3.112917 | 0.321242 | 3.0255% | 1900 |
| 3.021501 | 0.330961 | 0.6278% | 1899 | 3.002649 | 0.333039 | 1.7757% | 1898 |
| 2.950263 | 0.338953 | 1.8078% | 1897 | 2.897876 | 0.345080 | 1.8396% | 1896 |
| 2.845530 | 0.351428 | 1.8755% | 1895 | 2.793144 | 0.358020 | 1.9114% | 1894 |
| 2.740757 | 0.364863 | 1.9486% | 1893 | 2.688371 | 0.371973 | 1.9858% | 1892 |
| 2.636024 | 0.379359 | 2.0276% | 1891 | 2.583638 | 0.387051 | 2.6465% | 1890 |
| 2.517024 | 0.397295 | 1.5328% | 1889 | 2.479025 | 0.403384 | 2.0811% | 1888 |
| 2.428485 | 0.411779 | 2.1599% | 1887 | 2.377143 | 0.420673 | 2.2075% | 1886 |
| 2.325800 | 0.429960 | 2.2592% | 1885 | 2.274417 | 0.439673 | 2.3095% | 1884 |
| 2.223074 | 0.449828 | 2.3641% | 1883 | 2.171731 | 0.460462 | 2.4214% | 1882 |
| 2.120389 | 0.471612 | 2.4815% | 1881 | 2.069046 | 0.483315 | 3.7644% | 1880 |
| 1.993984 | 0.501508 | 0.9432% | 1879 | 1.975352 | 0.506239 | 2.1464% | 1878 |
| 1.933844 | 0.517105 | 2.1913% | 1877 | 1.892377 | 0.528436 | 2.2426% | 1876 |
| 1.850869 | 0.540287 | 2.2941% | 1875 | 1.809361 | 0.552681 | 2.3456% | 1874 |
| 1.767894 | 0.565645 | 2.4043% | 1873 | 1.726386 | 0.579245 | 2.4635% | 1872 |
| 1.684878 | 0.593515 | 2.5258% | 1871 | 1.643370 | 0.608506 | 5.9947% | 1870 |
| 1.550427 | 0.644983 | -1.0968% | 1869 | 1.567621 | 0.637909 | 2.1930% | 1868 |
| 1.533981 | 0.651899 | 2.2394% | 1867 | 1.500381 | 0.666497 | 2.2935% | 1866 |
| 1.466742 | 0.681783 | 2.3445% | 1865 | 1.433142 | 0.697768 | 2.4037% | 1864 |
| 1.399502 | 0.714540 | 2.4599% | 1863 | 1.365903 | 0.732117 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.332263 | 0.750603 | 2.5872% | 1861 | 1.298663 | 0.770023 | 2.9504% | 1860 |
| 1.261445 | 0.792741 | 2.4012% | 1859 | 1.231865 | 0.811777 | 2.7627% | 1858 |
| 1.198748 | 0.834204 | 2.8412% | 1857 | 1.165630 | 0.857905 | 2.9243% | 1856 |
| 1.132512 | 0.882993 | 3.0161% | 1855 | 1.099354 | 0.909625 | 3.1061% | 1854 |
| 1.066236 | 0.937879 | 3.2056% | 1853 | 1.033118 | 0.967944 | 3.3118% | 1852 |
| 1.000000 | 1.000000 | 3.4252% | 1851 | 0.966882 | 1.034252 | 4.0106% | 1850 |
| 0.929600 | 1.075732 | 2.3254% | 1849 | 0.908474 | 1.100747 | 2.7841% | 1848 |
| 0.883867 | 1.131392 | 2.8590% | 1847 | 0.859299 | 1.163739 | 2.9432% | 1846 |
| 0.834732 | 1.197990 | 3.0324% | 1845 | 0.810164 | 1.234318 | 3.1325% | 1844 |
| 0.785557 | 1.272983 | 3.2284% | 1843 | 0.760989 | 1.314079 | 3.3361% | 1842 |
| 0.736422 | 1.357918 | 3.4512% | 1841 | 0.711854 | 1.404782 | 3.8105% | 1840 |
| 0.685725 | 1.458311 | 2.3861% | 1839 | 0.669744 | 1.493107 | 2.5824% | 1838 |
| 0.652884 | 1.531665 | 2.6573% | 1837 | 0.635984 | 1.572366 | 2.7232% | 1836 |
| 0.619124 | 1.615185 | 2.7994% | 1835 | 0.602264 | 1.660401 | 2.8871% | 1834 |
| 0.585364 | 1.708339 | 2.9657% | 1833 | 0.568504 | 1.759003 | 3.0563% | 1832 |
| 0.551644 | 1.812764 | 3.1604% | 1831 | 0.534744 | 1.870055 | 3.4660% | 1830 |
| 0.516831 | 1.934870 | 2.4653% | 1829 | 0.504396 | 1.982571 | 2.6804% | 1828 |
| 0.491229 | 2.035711 | 10.3427% | 1827 | 0.445185 | 2.246258 | -4.2314% | 1826 |
| 0.464855 | 2.151209 | 2.9150% | 1825 | 0.451688 | 2.213918 | 3.0026% | 1824 |
| 0.438521 | 2.280392 | 3.0955% | 1823 | 0.425354 | 2.350982 | 3.1944% | 1822 |
| 0.412187 | 2.426081 | 3.3102% | 1821 | 0.398980 | 2.506389 | 3.2277% | 1820 |
| 0.386505 | 2.587289 | 2.6573% | 1819 | 0.376500 | 2.656040 | 2.6261% | 1818 |
| 0.366866 | 2.725791 | 2.6969% | 1817 | 0.357232 | 2.799303 | 2.7717% | 1816 |
| 0.347597 | 2.876891 | 2.8507% | 1815 | 0.337963 | 2.958902 | 2.9343% | 1814 |
| 0.328329 | 3.045727 | 3.0231% | 1813 | 0.318695 | 3.137801 | 3.1039% | 1812 |
| 0.309100 | 3.235195 | 3.2172% | 1811 | 0.299466 | 3.339276 | 3.0969% | 1810 |
| 0.290470 | 3.442691 | 2.9144% | 1809 | 0.282245 | 3.543024 | 2.8225% | 1808 |
| 0.274497 | 3.643024 | 2.9199% | 1807 | 0.266709 | 3.749398 | 2.9918% | 1806 |
| 0.258962 | 3.861572 | 3.0841% | 1805 | 0.251214 | 3.980665 | 3.1822% | 1804 |
| 0.243467 | 4.107337 | 3.2868% | 1803 | 0.235719 | 4.242337 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.227972 | 4.386512 | 3.5180% | 1801 | 0.220224 | 4.540831 | 3.3999% | 1800 |
| 0.212983 | 4.695217 | 2.8419% | 1799 | 0.207097 | 4.828649 | 2.7485% | 1798 |
| 0.201558 | 4.961362 | 2.8261% | 1797 | 0.196018 | 5.101577 | 3.7832% | 1796 |
| 0.188872 | 5.294580 | 2.1272% | 1795 | 0.184938 | 5.407206 | 3.0879% | 1794 |
| 0.179399 | 5.574178 | 3.1625% | 1793 | 0.173899 | 5.750462 | 3.2904% | 1792 |
| 0.168359 | 5.939676 | 3.4024% | 1791 | 0.162820 | 6.141765 | 3.2296% | 1790 |
| 0.157726 | 6.340117 | 41.3145% | 1780 | 0.111613 | 8.959502 | 29.4353% | 1770 |
| 0.086231 | 11.596760 | 83.4728% | 1750 | 0.046999 | 21.276905 | 29.2845% | 1740 |
| 0.036353 | 27.507730 | 94.2514% | 1720 | 0.018715 | 53.434148 | 85.8111% | 1700 |
| 0.010072 | 99.286568 | 19.2490% | 1690 | 0.008446 | 118.398289 | 88.0250% | 1670 |
| 0.004492 | 222.618409 | | | | | | |

BASE YEAR: 1851

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 12.514753 | 0.079906 | 8.2857% | 2001 | 11.557166 | 0.086526 | 1.0000% |
| 2000 | 11.442737 | 0.087392 | 1.0000% | 1999 | 11.329443 | 0.088266 | 1.0000% |
| 1998 | 11.217270 | 0.089148 | 1.0000% | 1997 | 11.106208 | 0.090040 | 1.0000% |
| 1996 | 10.996246 | 0.090940 | 1.0000% | 1995 | 10.887372 | 0.091850 | 0.9992% |
| 1994 | 10.779659 | 0.092767 | 1.0008% | 1993 | 10.672848 | 0.093696 | 1.0000% |
| 1992 | 10.567176 | 0.094633 | 0.9295% | 1991 | 10.469858 | 0.095512 | 1.2505% |
| 1990 | 10.340548 | 0.096707 | 0.7224% | 1989 | 10.266379 | 0.097405 | 1.1077% |
| 1988 | 10.153907 | 0.098484 | 0.8834% | 1987 | 10.064996 | 0.099354 | 0.5594% |
| 1986 | 10.009009 | 0.099910 | 1.3056% | 1985 | 9.880013 | 0.101214 | 0.7673% |
| 1984 | 9.804783 | 0.101991 | 0.8149% | 1983 | 9.725525 | 0.102822 | 0.9737% |
| 1982 | 9.631736 | 0.103823 | 0.9508% | 1981 | 9.541020 | 0.104811 | 0.9031% |
| 1980 | 9.455629 | 0.105757 | 2.2701% | 1979 | 9.245744 | 0.108158 | 1.0042% |
| 1978 | 9.153824 | 0.109244 | 0.9896% | 1977 | 9.064124 | 0.110325 | 0.9103% |
| 1976 | 8.982355 | 0.111329 | 0.8394% | 1975 | 8.907581 | 0.112264 | 0.9042% |
| 1974 | 8.827763 | 0.113279 | 1.1568% | 1973 | 8.726812 | 0.114589 | 0.9427% |
| 1972 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.645313 | 0.115670 | 0.7426% | 1971 | 8.581583 | 0.116529 | 1.4697% | 1970 |
| 8.457283 | 0.118241 | 0.6968% | 1969 | 8.398759 | 0.119065 | 0.8565% | 1968 |
| 8.327431 | 0.120085 | 1.5090% | 1967 | 8.203635 | 0.121897 | 0.9949% | 1966 |
| 8.122820 | 0.123110 | 1.0575% | 1965 | 8.037823 | 0.124412 | 1.1300% | 1964 |
| 7.948009 | 0.125818 | 1.5537% | 1963 | 7.826414 | 0.127772 | 1.4658% | 1962 |
| 7.713350 | 0.129645 | 1.5364% | 1961 | 7.596633 | 0.131637 | 2.1586% | 1960 |
| 7.436114 | 0.134479 | -1.6655% | 1959 | 7.562059 | 0.132239 | 4.3080% | 1958 |
| 7.249741 | 0.137936 | 2.1130% | 1957 | 7.099726 | 0.140851 | 1.9895% | 1956 |
| 6.961233 | 0.143653 | 2.1231% | 1955 | 6.816512 | 0.146703 | 1.4496% | 1954 |
| 6.719111 | 0.148829 | 2.1573% | 1953 | 6.577223 | 0.152040 | 1.2298% | 1952 |
| 6.497322 | 0.153910 | 1.6814% | 1951 | 6.389884 | 0.156497 | 1.6233% | 1950 |
| 6.287816 | 0.159038 | 1.4265% | 1949 | 6.199379 | 0.161306 | 1.7790% | 1948 |
| 6.091018 | 0.164176 | 1.8242% | 1947 | 5.981898 | 0.167171 | -2.6320% | 1946 |
| 6.143600 | 0.162771 | 3.1768% | 1945 | 5.954439 | 0.167942 | 6.4754% | 1944 |
| 5.592314 | 0.178817 | -0.3437% | 1943 | 5.611599 | 0.178202 | 0.6562% | 1942 |
| 5.575015 | 0.179372 | 0.6633% | 1941 | 5.538279 | 0.180561 | -5.6614% | 1940 |
| 5.870642 | 0.170339 | 8.0381% | 1939 | 5.433862 | 0.184031 | 0.8126% | 1938 |
| 5.390061 | 0.185527 | 0.7762% | 1937 | 5.348543 | 0.186967 | 0.6029% | 1936 |
| 5.316491 | 0.188094 | 0.5244% | 1935 | 5.288757 | 0.189080 | -3.0364% | 1934 |
| 5.454372 | 0.183339 | 4.6271% | 1933 | 5.213153 | 0.191822 | 1.3921% | 1932 |
| 5.141576 | 0.194493 | -0.2051% | 1931 | 5.152142 | 0.194094 | 0.8886% | 1930 |
| 5.106764 | 0.195819 | 1.0126% | 1929 | 5.055572 | 0.197802 | 1.1526% | 1928 |
| 4.997966 | 0.200081 | 1.2160% | 1927 | 4.937920 | 0.202514 | 1.4086% | 1926 |
| 4.869332 | 0.205367 | 1.7667% | 1925 | 4.784799 | 0.208995 | 1.4465% | 1924 |
| 4.716574 | 0.212018 | 1.7700% | 1923 | 4.634544 | 0.215771 | 1.6165% | 1922 |
| 4.560817 | 0.219259 | 1.3736% | 1921 | 4.499017 | 0.222271 | 2.3393% | 1920 |
| 4.396177 | 0.227470 | 1.3140% | 1919 | 4.339160 | 0.230459 | 0.7676% | 1918 |
| 4.306104 | 0.232228 | 0.3870% | 1917 | 4.289504 | 0.233127 | 1.3274% | 1916 |
| 4.233310 | 0.236222 | 1.4083% | 1915 | 4.174520 | 0.239548 | 1.4458% | 1914 |
| 4.115025 | 0.243012 | 1.9424% | 1913 | 4.036619 | 0.247732 | 1.9857% | 1912 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.958025 | 0.252651 | 1.5634% | 1911 | 3.897098 | 0.256601 | 1.8169% | 1910 |
| 3.827554 | 0.261263 | 1.8781% | 1909 | 3.756996 | 0.266170 | 2.0082% | 1908 |
| 3.683032 | 0.271515 | 1.9603% | 1907 | 3.612223 | 0.276838 | 1.8264% | 1906 |
| 3.547434 | 0.281894 | 1.9357% | 1905 | 3.480071 | 0.287350 | 2.0148% | 1904 |
| 3.411339 | 0.293140 | 2.1335% | 1903 | 3.340077 | 0.299394 | 1.8151% | 1902 |
| 3.280531 | 0.304829 | 1.8943% | 1901 | 3.219541 | 0.310603 | 3.0255% | 1900 |
| 3.124995 | 0.320001 | 0.6278% | 1899 | 3.105497 | 0.322010 | 1.7757% | 1898 |
| 3.051316 | 0.327727 | 1.8078% | 1897 | 2.997135 | 0.333652 | 1.8396% | 1896 |
| 2.942996 | 0.339790 | 1.8755% | 1895 | 2.888815 | 0.346163 | 1.9114% | 1894 |
| 2.834634 | 0.352779 | 1.9486% | 1893 | 2.780453 | 0.359654 | 1.9858% | 1892 |
| 2.726314 | 0.366796 | 2.0276% | 1891 | 2.672133 | 0.374233 | 2.6465% | 1890 |
| 2.603238 | 0.384137 | 1.5328% | 1889 | 2.563938 | 0.390025 | 2.0811% | 1888 |
| 2.511667 | 0.398142 | 2.1599% | 1887 | 2.458565 | 0.406741 | 2.2075% | 1886 |
| 2.405464 | 0.415720 | 2.2592% | 1885 | 2.352321 | 0.425112 | 2.3095% | 1884 |
| 2.299219 | 0.434930 | 2.3641% | 1883 | 2.246118 | 0.445213 | 2.4214% | 1882 |
| 2.193017 | 0.455993 | 2.4815% | 1881 | 2.139915 | 0.467308 | 3.7644% | 1880 |
| 2.062283 | 0.484900 | 0.9432% | 1879 | 2.043013 | 0.489473 | 2.1464% | 1878 |
| 2.000083 | 0.499979 | 2.1913% | 1877 | 1.957195 | 0.510935 | 2.2426% | 1876 |
| 1.914266 | 0.522394 | 2.2941% | 1875 | 1.871336 | 0.534378 | 2.3456% | 1874 |
| 1.828448 | 0.546912 | 2.4043% | 1873 | 1.785519 | 0.560061 | 2.4635% | 1872 |
| 1.742589 | 0.573859 | 2.5258% | 1871 | 1.699660 | 0.588353 | 5.9947% | 1870 |
| 1.603533 | 0.623623 | -1.0968% | 1869 | 1.621315 | 0.616783 | 2.1930% | 1868 |
| 1.586523 | 0.630309 | 2.2394% | 1867 | 1.551773 | 0.644424 | 2.2935% | 1866 |
| 1.516981 | 0.659204 | 2.3445% | 1865 | 1.482230 | 0.674659 | 2.4037% | 1864 |
| 1.447438 | 0.690876 | 2.4599% | 1863 | 1.412688 | 0.707870 | 2.5250% | 1862 |
| 1.377896 | 0.725744 | 2.5872% | 1861 | 1.343145 | 0.744521 | 2.9504% | 1860 |
| 1.304653 | 0.766487 | 2.4012% | 1859 | 1.274060 | 0.784893 | 2.7627% | 1858 |
| 1.239807 | 0.806577 | 2.8412% | 1857 | 1.205555 | 0.829493 | 2.9243% | 1856 |
| 1.171303 | 0.853750 | 3.0161% | 1855 | 1.137009 | 0.879500 | 3.1061% | 1854 |
| 1.102757 | 0.906818 | 3.2056% | 1853 | 1.068505 | 0.935887 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.034252 | 0.966882 | 3.4252% | 1851 | 1.000000 | 1.000000 | 4.0106% | 1850 |
| 0.961440 | 1.040106 | 2.3254% | 1849 | 0.939591 | 1.064292 | 2.7841% | 1848 |
| 0.914141 | 1.093923 | 2.8590% | 1847 | 0.888732 | 1.125199 | 2.9432% | 1846 |
| 0.863323 | 1.158315 | 3.0324% | 1845 | 0.837914 | 1.193440 | 3.1325% | 1844 |
| 0.812464 | 1.230824 | 3.2284% | 1843 | 0.787055 | 1.270560 | 3.3361% | 1842 |
| 0.761646 | 1.312946 | 3.4512% | 1841 | 0.736237 | 1.358259 | 3.8105% | 1840 |
| 0.709212 | 1.410015 | 2.3861% | 1839 | 0.692685 | 1.443659 | 2.5824% | 1838 |
| 0.675247 | 1.480939 | 2.6573% | 1837 | 0.657768 | 1.520293 | 2.7232% | 1836 |
| 0.640330 | 1.561694 | 2.7994% | 1835 | 0.622893 | 1.605412 | 2.8871% | 1834 |
| 0.605414 | 1.651762 | 2.9657% | 1833 | 0.587976 | 1.700748 | 3.0563% | 1832 |
| 0.570539 | 1.752729 | 3.1604% | 1831 | 0.553060 | 1.808123 | 3.4660% | 1830 |
| 0.534533 | 1.870791 | 2.4653% | 1829 | 0.521672 | 1.916912 | 2.6804% | 1828 |
| 0.508054 | 1.968293 | 10.3427% | 1827 | 0.460433 | 2.171867 | -4.2314% | 1826 |
| 0.480777 | 2.079965 | 2.9150% | 1825 | 0.467159 | 2.140597 | 3.0026% | 1824 |
| 0.453541 | 2.204870 | 3.0955% | 1823 | 0.439924 | 2.273122 | 3.1944% | 1822 |
| 0.426306 | 2.345734 | 3.3102% | 1821 | 0.412646 | 2.423383 | 3.2277% | 1820 |
| 0.399744 | 2.501603 | 2.6573% | 1819 | 0.389396 | 2.568078 | 2.6261% | 1818 |
| 0.379432 | 2.635518 | 2.6969% | 1817 | 0.369468 | 2.706596 | 2.7717% | 1816 |
| 0.359503 | 2.781615 | 2.8507% | 1815 | 0.349539 | 2.860910 | 2.9343% | 1814 |
| 0.339575 | 2.944859 | 3.0231% | 1813 | 0.329611 | 3.033883 | 3.1039% | 1812 |
| 0.319688 | 3.128052 | 3.2172% | 1811 | 0.309723 | 3.228686 | 3.0969% | 1810 |
| 0.300420 | 3.328676 | 2.9144% | 1809 | 0.291912 | 3.425686 | 2.8225% | 1808 |
| 0.283899 | 3.522375 | 2.9199% | 1807 | 0.275845 | 3.625226 | 2.9918% | 1806 |
| 0.267832 | 3.733685 | 3.0841% | 1805 | 0.259819 | 3.848833 | 3.1822% | 1804 |
| 0.251806 | 3.971311 | 3.2868% | 1803 | 0.243793 | 4.101839 | 3.3985% | 1802 |
| 0.235780 | 4.241240 | 3.5180% | 1801 | 0.227767 | 4.390448 | 3.3999% | 1800 |
| 0.220278 | 4.539721 | 2.8419% | 1799 | 0.214191 | 4.668734 | 2.7485% | 1798 |
| 0.208461 | 4.797052 | 2.8261% | 1797 | 0.202732 | 4.932623 | 3.7832% | 1796 |
| 0.195342 | 5.119235 | 2.1272% | 1795 | 0.191273 | 5.228131 | 3.0879% | 1794 |
| 0.185543 | 5.389573 | 3.1625% | 1793 | 0.179856 | 5.560018 | 3.2904% | 1792 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.174126 | 5.742966 | 3.4024% | 1791 | 0.168397 | 5.938363 | 3.2296% | 1790 |
| 0.163128 | 6.130146 | 41.3145% | 1780 | 0.115436 | 8.662782 | 29.4353% | 1770 |
| 0.089185 | 11.212700 | 83.4728% | 1750 | 0.048609 | 20.572258 | 29.2845% | 1740 |
| 0.037599 | 26.596731 | 94.2514% | 1720 | 0.019356 | 51.664522 | 85.8111% | 1700 |
| 0.010417 | 95.998406 | 19.2490% | 1690 | 0.008735 | 114.477186 | 88.0250% | 1670 |
| 0.004646 | 215.245755 | | | | | | |

BASE YEAR: 1850

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 13.016671 | 0.076825 | 8.2857% | 2001 | 12.020678 | 0.083190 | 1.0000% |
| 2000 | 11.901660 | 0.084022 | 1.0000% | 1999 | 11.783822 | 0.084862 | 1.0000% |
| 1998 | 11.667151 | 0.085711 | 1.0000% | 1997 | 11.551634 | 0.086568 | 1.0000% |
| 1996 | 11.437262 | 0.087434 | 1.0000% | 1995 | 11.324021 | 0.088308 | 0.9992% |
| 1994 | 11.211989 | 0.089190 | 1.0008% | 1993 | 11.100893 | 0.090083 | 1.0000% |
| 1992 | 10.990984 | 0.090984 | 0.9295% | 1991 | 10.889763 | 0.091829 | 1.2505% |
| 1990 | 10.755266 | 0.092978 | 0.7224% | 1989 | 10.678123 | 0.093649 | 1.1077% |
| 1988 | 10.561140 | 0.094687 | 0.8834% | 1987 | 10.468664 | 0.095523 | 0.5594% |
| 1986 | 10.410431 | 0.096058 | 1.3056% | 1985 | 10.276262 | 0.097312 | 0.7673% |
| 1984 | 10.198014 | 0.098058 | 0.8149% | 1983 | 10.115578 | 0.098857 | 0.9737% |
| 1982 | 10.018027 | 0.099820 | 0.9508% | 1981 | 9.923672 | 0.100769 | 0.9031% |
| 1980 | 9.834857 | 0.101679 | 2.2701% | 1979 | 9.616555 | 0.103987 | 1.0042% |
| 1978 | 9.520948 | 0.105032 | 0.9896% | 1977 | 9.427651 | 0.106071 | 0.9103% |
| 1976 | 9.342602 | 0.107037 | 0.8394% | 1975 | 9.264829 | 0.107935 | 0.9042% |
| 1974 | 9.181810 | 0.108911 | 1.1568% | 1973 | 9.076810 | 0.110171 | 0.9427% |
| 1972 | 8.992042 | 0.111209 | 0.7426% | 1971 | 8.925756 | 0.112035 | 1.4697% |
| 1970 | 8.796471 | 0.113682 | 0.6968% | 1969 | 8.735600 | 0.114474 | 0.8565% |
| 1968 | 8.661411 | 0.115455 | 1.5090% | 1967 | 8.532650 | 0.117197 | 0.9949% |
| 1966 | 8.448595 | 0.118363 | 1.0575% | 1965 | 8.360188 | 0.119615 | 1.1300% |
| 1964 | 8.266772 | 0.120966 | 1.5537% | 1963 | 8.140300 | 0.122846 | 1.4658% |
| 1962 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.022702 | 0.124646 | 1.5364% | 1961 | 7.901304 | 0.126561 | 2.1586% | 1960 |
| 7.734347 | 0.129293 | -1.6655% | 1959 | 7.865343 | 0.127140 | 4.3080% | 1958 |
| 7.540499 | 0.132617 | 2.1130% | 1957 | 7.384468 | 0.135419 | 1.9895% | 1956 |
| 7.240420 | 0.138114 | 2.1231% | 1955 | 7.089895 | 0.141046 | 1.4496% | 1954 |
| 6.988588 | 0.143090 | 2.1573% | 1953 | 6.841010 | 0.146177 | 1.2298% | 1952 |
| 6.757904 | 0.147975 | 1.6814% | 1951 | 6.646157 | 0.150463 | 1.6233% | 1950 |
| 6.539995 | 0.152905 | 1.4265% | 1949 | 6.448012 | 0.155087 | 1.7790% | 1948 |
| 6.335304 | 0.157846 | 1.8242% | 1947 | 6.221809 | 0.160725 | -2.6320% | 1946 |
| 6.389996 | 0.156495 | 3.1768% | 1945 | 6.193248 | 0.161466 | 6.4754% | 1944 |
| 5.816599 | 0.171922 | -0.3437% | 1943 | 5.836659 | 0.171331 | 0.6562% | 1942 |
| 5.798607 | 0.172455 | 0.6633% | 1941 | 5.760398 | 0.173599 | -5.6614% | 1940 |
| 6.106090 | 0.163771 | 8.0381% | 1939 | 5.651793 | 0.176935 | 0.8126% | 1938 |
| 5.606235 | 0.178373 | 0.7762% | 1937 | 5.563052 | 0.179757 | 0.6029% | 1936 |
| 5.529714 | 0.180841 | 0.5244% | 1935 | 5.500868 | 0.181789 | -3.0364% | 1934 |
| 5.673125 | 0.176270 | 4.6271% | 1933 | 5.422232 | 0.184426 | 1.3921% | 1932 |
| 5.347784 | 0.186993 | -0.2051% | 1931 | 5.358774 | 0.186610 | 0.8886% | 1930 |
| 5.311576 | 0.188268 | 1.0126% | 1929 | 5.258331 | 0.190174 | 1.1526% | 1928 |
| 5.198414 | 0.192366 | 1.2160% | 1927 | 5.135961 | 0.194706 | 1.4086% | 1926 |
| 5.064622 | 0.197448 | 1.7667% | 1925 | 4.976699 | 0.200936 | 1.4465% | 1924 |
| 4.905737 | 0.203843 | 1.7700% | 1923 | 4.820417 | 0.207451 | 1.6165% | 1922 |
| 4.743734 | 0.210804 | 1.3736% | 1921 | 4.679455 | 0.213700 | 2.3393% | 1920 |
| 4.572490 | 0.218699 | 1.3140% | 1919 | 4.513186 | 0.221573 | 0.7676% | 1918 |
| 4.478805 | 0.223274 | 0.3870% | 1917 | 4.461539 | 0.224138 | 1.3274% | 1916 |
| 4.403091 | 0.227113 | 1.4083% | 1915 | 4.341944 | 0.230312 | 1.4458% | 1914 |
| 4.280063 | 0.233641 | 1.9424% | 1913 | 4.198512 | 0.238180 | 1.9857% | 1912 |
| 4.116766 | 0.242909 | 1.5634% | 1911 | 4.053395 | 0.246707 | 1.8169% | 1910 |
| 3.981063 | 0.251189 | 1.8781% | 1909 | 3.907674 | 0.255907 | 2.0082% | 1908 |
| 3.830743 | 0.261046 | 1.9603% | 1907 | 3.757095 | 0.266163 | 1.8264% | 1906 |
| 3.689708 | 0.271024 | 1.9357% | 1905 | 3.619643 | 0.276270 | 2.0148% | 1904 |
| 3.548154 | 0.281837 | 2.1335% | 1903 | 3.474034 | 0.287850 | 1.8151% | 1902 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 3.412100 | 0.293075 | 1.8943% | 1901 | 3.348664 | 0.298627 | 3.0255% | 1900 |
| 3.250326 | 0.307661 | 0.6278% | 1899 | 3.230046 | 0.309593 | 1.7757% | 1898 |
| 3.173692 | 0.315090 | 1.8078% | 1897 | 3.117339 | 0.320786 | 1.8396% | 1896 |
| 3.061028 | 0.326688 | 1.8755% | 1895 | 3.004674 | 0.332815 | 1.9114% | 1894 |
| 2.948320 | 0.339176 | 1.9486% | 1893 | 2.891966 | 0.345785 | 1.9858% | 1892 |
| 2.835656 | 0.352652 | 2.0276% | 1891 | 2.779302 | 0.359803 | 2.6465% | 1890 |
| 2.707644 | 0.369325 | 1.5328% | 1889 | 2.666767 | 0.374986 | 2.0811% | 1888 |
| 2.612400 | 0.382790 | 2.1599% | 1887 | 2.557168 | 0.391058 | 2.2075% | 1886 |
| 2.501937 | 0.399690 | 2.2592% | 1885 | 2.446663 | 0.408720 | 2.3095% | 1884 |
| 2.391432 | 0.418159 | 2.3641% | 1883 | 2.336201 | 0.428045 | 2.4214% | 1882 |
| 2.280970 | 0.438410 | 2.4815% | 1881 | 2.225739 | 0.449289 | 3.7644% | 1880 |
| 2.144993 | 0.466202 | 0.9432% | 1879 | 2.124950 | 0.470599 | 2.1464% | 1878 |
| 2.080298 | 0.480700 | 2.1913% | 1877 | 2.035690 | 0.491234 | 2.2426% | 1876 |
| 1.991039 | 0.502250 | 2.2941% | 1875 | 1.946388 | 0.513772 | 2.3456% | 1874 |
| 1.901780 | 0.525823 | 2.4043% | 1873 | 1.857129 | 0.538466 | 2.4635% | 1872 |
| 1.812477 | 0.551731 | 2.5258% | 1871 | 1.767826 | 0.565666 | 5.9947% | 1870 |
| 1.667844 | 0.599576 | -1.0968% | 1869 | 1.686340 | 0.593000 | 2.1930% | 1868 |
| 1.650152 | 0.606005 | 2.2394% | 1867 | 1.614008 | 0.619576 | 2.2935% | 1866 |
| 1.577821 | 0.633785 | 2.3445% | 1865 | 1.541677 | 0.648644 | 2.4037% | 1864 |
| 1.505489 | 0.664236 | 2.4599% | 1863 | 1.469345 | 0.680575 | 2.5250% | 1862 |
| 1.433158 | 0.697760 | 2.5872% | 1861 | 1.397014 | 0.715813 | 2.9504% | 1860 |
| 1.356977 | 0.736932 | 2.4012% | 1859 | 1.325157 | 0.754627 | 2.7627% | 1858 |
| 1.289531 | 0.775476 | 2.8412% | 1857 | 1.253905 | 0.797508 | 2.9243% | 1856 |
| 1.218279 | 0.820830 | 3.0161% | 1855 | 1.182610 | 0.845587 | 3.1061% | 1854 |
| 1.146984 | 0.871852 | 3.2056% | 1853 | 1.111358 | 0.899800 | 3.3118% | 1852 |
| 1.075732 | 0.929600 | 3.4252% | 1851 | 1.040106 | 0.961440 | 4.0106% | 1850 |
| 1.000000 | 1.000000 | 2.3254% | 1849 | 0.977275 | 1.023254 | 2.7841% | 1848 |
| 0.950804 | 1.051742 | 2.8590% | 1847 | 0.924376 | 1.081811 | 2.9432% | 1846 |
| 0.897948 | 1.113651 | 3.0324% | 1845 | 0.871520 | 1.147421 | 3.1325% | 1844 |
| 0.845048 | 1.183364 | 3.2284% | 1843 | 0.818620 | 1.221567 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.792192 | 1.262320 | 3.4512% | 1841 | 0.765764 | 1.305885 | 3.8105% | 1840 |
| 0.737656 | 1.355645 | 2.3861% | 1839 | 0.720465 | 1.387992 | 2.5824% | 1838 |
| 0.702329 | 1.423835 | 2.6573% | 1837 | 0.684148 | 1.461671 | 2.7232% | 1836 |
| 0.666012 | 1.501475 | 2.7994% | 1835 | 0.647875 | 1.543508 | 2.8871% | 1834 |
| 0.629695 | 1.588071 | 2.9657% | 1833 | 0.611558 | 1.635168 | 3.0563% | 1832 |
| 0.593421 | 1.685144 | 3.1604% | 1831 | 0.575241 | 1.738402 | 3.4660% | 1830 |
| 0.555971 | 1.798654 | 2.4653% | 1829 | 0.542595 | 1.842997 | 2.6804% | 1828 |
| 0.528431 | 1.892396 | 10.3427% | 1827 | 0.478900 | 2.088120 | -4.2314% | 1826 |
| 0.500059 | 1.999763 | 2.9150% | 1825 | 0.485895 | 2.058057 | 3.0026% | 1824 |
| 0.471731 | 2.119851 | 3.0955% | 1823 | 0.457567 | 2.185471 | 3.1944% | 1822 |
| 0.443403 | 2.255284 | 3.3102% | 1821 | 0.429196 | 2.329938 | 3.2277% | 1820 |
| 0.415776 | 2.405142 | 2.6573% | 1819 | 0.405013 | 2.469054 | 2.6261% | 1818 |
| 0.394650 | 2.533894 | 2.6969% | 1817 | 0.384286 | 2.602231 | 2.7717% | 1816 |
| 0.373922 | 2.674357 | 2.8507% | 1815 | 0.363558 | 2.750594 | 2.9343% | 1814 |
| 0.353194 | 2.831306 | 3.0231% | 1813 | 0.342830 | 2.916898 | 3.1039% | 1812 |
| 0.332509 | 3.007436 | 3.2172% | 1811 | 0.322145 | 3.104190 | 3.0969% | 1810 |
| 0.312468 | 3.200324 | 2.9144% | 1809 | 0.303620 | 3.293593 | 2.8225% | 1808 |
| 0.295285 | 3.386554 | 2.9199% | 1807 | 0.286908 | 3.485439 | 2.9918% | 1806 |
| 0.278574 | 3.589715 | 3.0841% | 1805 | 0.270239 | 3.700424 | 3.1822% | 1804 |
| 0.261905 | 3.818179 | 3.2868% | 1803 | 0.253571 | 3.943674 | 3.3985% | 1802 |
| 0.245236 | 4.077699 | 3.5180% | 1801 | 0.236902 | 4.221155 | 3.3999% | 1800 |
| 0.229112 | 4.364672 | 2.8419% | 1799 | 0.222781 | 4.488710 | 2.7485% | 1798 |
| 0.216822 | 4.612080 | 2.8261% | 1797 | 0.210863 | 4.742424 | 3.7832% | 1796 |
| 0.203176 | 4.921839 | 2.1272% | 1795 | 0.198944 | 5.026537 | 3.0879% | 1794 |
| 0.192985 | 5.181753 | 3.1625% | 1793 | 0.187069 | 5.345627 | 3.2904% | 1792 |
| 0.181110 | 5.521520 | 3.4024% | 1791 | 0.175150 | 5.709382 | 3.2296% | 1790 |
| 0.169671 | 5.893770 | 41.3145% | 1780 | 0.120066 | 8.328749 | 29.4353% | 1770 |
| 0.092761 | 10.780343 | 83.4728% | 1750 | 0.050559 | 19.779001 | 29.2845% | 1740 |
| 0.039107 | 25.571173 | 94.2514% | 1720 | 0.020132 | 49.672360 | 85.8111% | 1700 |

0.010835 92.296748 19.2490% 1690 0.009086 110.062994 88.0250% 1670
0.004832 206.945970

BASE YEAR: 1849

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 13.319356 | 0.075079 | 8.2857% | 2001 | 12.300203 | 0.081299 | 1.0000% |
| 2000 | 12.178418 | 0.082112 | 1.0000% | 1999 | 12.057839 | 0.082934 | 1.0000% |
| 1998 | 11.938455 | 0.083763 | 1.0000% | 1997 | 11.820252 | 0.084601 | 1.0000% |
| 1996 | 11.703220 | 0.085447 | 1.0000% | 1995 | 11.587347 | 0.086301 | 0.9992% |
| 1994 | 11.472709 | 0.087163 | 1.0008% | 1993 | 11.359030 | 0.088036 | 1.0000% |
| 1992 | 11.246564 | 0.088916 | 0.9295% | 1991 | 11.142990 | 0.089743 | 1.2505% |
| 1990 | 11.005366 | 0.090865 | 0.7224% | 1989 | 10.926428 | 0.091521 | 1.1077% |
| 1988 | 10.806725 | 0.092535 | 0.8834% | 1987 | 10.712098 | 0.093352 | 0.5594% |
| 1986 | 10.652512 | 0.093875 | 1.3056% | 1985 | 10.515222 | 0.095100 | 0.7673% |
| 1984 | 10.435155 | 0.095830 | 0.8149% | 1983 | 10.350802 | 0.096611 | 0.9737% |
| 1982 | 10.250983 | 0.097552 | 0.9508% | 1981 | 10.154434 | 0.098479 | 0.9031% |
| 1980 | 10.063554 | 0.099368 | 2.2701% | 1979 | 9.840175 | 0.101624 | 1.0042% |
| 1978 | 9.742345 | 0.102645 | 0.9896% | 1977 | 9.646878 | 0.103660 | 0.9103% |
| 1976 | 9.559852 | 0.104604 | 0.8394% | 1975 | 9.480270 | 0.105482 | 0.9042% |
| 1974 | 9.395321 | 0.106436 | 1.1568% | 1973 | 9.287879 | 0.107667 | 0.9427% |
| 1972 | 9.201140 | 0.108682 | 0.7426% | 1971 | 9.133313 | 0.109489 | 1.4697% |
| 1970 | 9.001021 | 0.111099 | 0.6968% | 1969 | 8.938734 | 0.111873 | 0.8565% |
| 1968 | 8.862821 | 0.112831 | 1.5090% | 1967 | 8.731066 | 0.114534 | 0.9949% |
| 1966 | 8.645055 | 0.115673 | 1.0575% | 1965 | 8.554593 | 0.116896 | 1.1300% |
| 1964 | 8.459005 | 0.118217 | 1.5537% | 1963 | 8.329592 | 0.120054 | 1.4658% |
| 1962 | 8.209259 | 0.121814 | 1.5364% | 1961 | 8.085038 | 0.123685 | 2.1586% |
| 1960 | 7.914199 | 0.126355 | -1.6655% | 1959 | 8.048241 | 0.124251 | 4.3080% |
| 1958 | 7.715843 | 0.129603 | 2.1130% | 1957 | 7.556184 | 0.132342 | 1.9895% |
| 1956 | 7.408787 | 0.134975 | 2.1231% | 1955 | 7.254761 | 0.137841 | 1.4496% |
| 1954 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 7.151098 | 0.139839 | 2.1573% | 1953 | 7.000088 | 0.142855 | 1.2298% | 1952 |
| 6.915050 | 0.144612 | 1.6814% | 1951 | 6.800705 | 0.147044 | 1.6233% | 1950 |
| 6.692074 | 0.149431 | 1.4265% | 1949 | 6.597952 | 0.151562 | 1.7790% | 1948 |
| 6.482623 | 0.154259 | 1.8242% | 1947 | 6.366488 | 0.157072 | -2.6320% | 1946 |
| 6.538586 | 0.152938 | 3.1768% | 1945 | 6.337264 | 0.157797 | 6.4754% | 1944 |
| 5.951857 | 0.168015 | -0.3437% | 1943 | 5.972382 | 0.167437 | 0.6562% | 1942 |
| 5.933446 | 0.168536 | 0.6633% | 1941 | 5.894348 | 0.169654 | -5.6614% | 1940 |
| 6.248079 | 0.160049 | 8.0381% | 1939 | 5.783218 | 0.172914 | 0.8126% | 1938 |
| 5.736600 | 0.174319 | 0.7762% | 1937 | 5.692413 | 0.175672 | 0.6029% | 1936 |
| 5.658301 | 0.176732 | 0.5244% | 1935 | 5.628784 | 0.177658 | -3.0364% | 1934 |
| 5.805046 | 0.172264 | 4.6271% | 1933 | 5.548319 | 0.180235 | 1.3921% | 1932 |
| 5.472140 | 0.182744 | -0.2051% | 1931 | 5.483386 | 0.182369 | 0.8886% | 1930 |
| 5.435090 | 0.183990 | 1.0126% | 1929 | 5.380606 | 0.185853 | 1.1526% | 1928 |
| 5.319297 | 0.187995 | 1.2160% | 1927 | 5.255391 | 0.190281 | 1.4086% | 1926 |
| 5.182393 | 0.192961 | 1.7667% | 1925 | 5.092425 | 0.196370 | 1.4465% | 1924 |
| 5.019814 | 0.199211 | 1.7700% | 1923 | 4.932510 | 0.202737 | 1.6165% | 1922 |
| 4.854043 | 0.206014 | 1.3736% | 1921 | 4.788269 | 0.208844 | 2.3393% | 1920 |
| 4.678817 | 0.213729 | 1.3140% | 1919 | 4.618134 | 0.216538 | 0.7676% | 1918 |
| 4.582954 | 0.218200 | 0.3870% | 1917 | 4.565287 | 0.219044 | 1.3274% | 1916 |
| 4.505479 | 0.221952 | 1.4083% | 1915 | 4.442910 | 0.225078 | 1.4458% | 1914 |
| 4.379590 | 0.228332 | 1.9424% | 1913 | 4.296142 | 0.232767 | 1.9857% | 1912 |
| 4.212496 | 0.237389 | 1.5634% | 1911 | 4.147651 | 0.241100 | 1.8169% | 1910 |
| 4.073637 | 0.245481 | 1.8781% | 1909 | 3.998542 | 0.250091 | 2.0082% | 1908 |
| 3.919822 | 0.255114 | 1.9603% | 1907 | 3.844461 | 0.260114 | 1.8264% | 1906 |
| 3.775507 | 0.264865 | 1.9357% | 1905 | 3.703813 | 0.269992 | 2.0148% | 1904 |
| 3.630661 | 0.275432 | 2.1335% | 1903 | 3.554818 | 0.281308 | 1.8151% | 1902 |
| 3.491444 | 0.286414 | 1.8943% | 1901 | 3.426533 | 0.291840 | 3.0255% | 1900 |
| 3.325908 | 0.300670 | 0.6278% | 1899 | 3.305157 | 0.302558 | 1.7757% | 1898 |
| 3.247492 | 0.307930 | 1.8078% | 1897 | 3.189828 | 0.313497 | 1.8396% | 1896 |
| 3.132208 | 0.319264 | 1.8755% | 1895 | 3.074544 | 0.325252 | 1.9114% | 1894 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 3.016880 | 0.331468 | 1.9486% | 1893 | 2.959215 | 0.337927 | 1.9858% | 1892 |
| 2.901595 | 0.344638 | 2.0276% | 1891 | 2.843931 | 0.351626 | 2.6465% | 1890 |
| 2.770606 | 0.360932 | 1.5328% | 1889 | 2.728779 | 0.366464 | 2.0811% | 1888 |
| 2.673147 | 0.374091 | 2.1599% | 1887 | 2.616632 | 0.382171 | 2.2075% | 1886 |
| 2.560117 | 0.390607 | 2.2592% | 1885 | 2.503557 | 0.399432 | 2.3095% | 1884 |
| 2.447042 | 0.408657 | 2.3641% | 1883 | 2.390526 | 0.418318 | 2.4214% | 1882 |
| 2.334011 | 0.428447 | 2.4815% | 1881 | 2.277495 | 0.439079 | 3.7644% | 1880 |
| 2.194872 | 0.455607 | 0.9432% | 1879 | 2.174363 | 0.459905 | 2.1464% | 1878 |
| 2.128673 | 0.469776 | 2.1913% | 1877 | 2.083028 | 0.480070 | 2.2426% | 1876 |
| 2.037338 | 0.490837 | 2.2941% | 1875 | 1.991649 | 0.502097 | 2.3456% | 1874 |
| 1.946003 | 0.513874 | 2.4043% | 1873 | 1.900314 | 0.526229 | 2.4635% | 1872 |
| 1.854624 | 0.539193 | 2.5258% | 1871 | 1.808935 | 0.552812 | 5.9947% | 1870 |
| 1.706628 | 0.585951 | -1.0968% | 1869 | 1.725553 | 0.579524 | 2.1930% | 1868 |
| 1.688525 | 0.592233 | 2.2394% | 1867 | 1.651540 | 0.605496 | 2.2935% | 1866 |
| 1.614511 | 0.619383 | 2.3445% | 1865 | 1.577526 | 0.633904 | 2.4037% | 1864 |
| 1.540498 | 0.649141 | 2.4599% | 1863 | 1.503513 | 0.665109 | 2.5250% | 1862 |
| 1.466484 | 0.681903 | 2.5872% | 1861 | 1.429499 | 0.699546 | 2.9504% | 1860 |
| 1.388532 | 0.720185 | 2.4012% | 1859 | 1.355972 | 0.737478 | 2.7627% | 1858 |
| 1.319517 | 0.757853 | 2.8412% | 1857 | 1.283063 | 0.779385 | 2.9243% | 1856 |
| 1.246609 | 0.802176 | 3.0161% | 1855 | 1.210110 | 0.826371 | 3.1061% | 1854 |
| 1.173656 | 0.852039 | 3.2056% | 1853 | 1.137201 | 0.879352 | 3.3118% | 1852 |
| 1.100747 | 0.908474 | 3.4252% | 1851 | 1.064292 | 0.939591 | 4.0106% | 1850 |
| 1.023254 | 0.977275 | 2.3254% | 1849 | 1.000000 | 1.000000 | 2.7841% | 1848 |
| 0.972913 | 1.027841 | 2.8590% | 1847 | 0.945871 | 1.057227 | 2.9432% | 1846 |
| 0.918828 | 1.088343 | 3.0324% | 1845 | 0.891786 | 1.121346 | 3.1325% | 1844 |
| 0.864699 | 1.156472 | 3.2284% | 1843 | 0.837656 | 1.193807 | 3.3361% | 1842 |
| 0.810614 | 1.233633 | 3.4512% | 1841 | 0.783571 | 1.276208 | 3.8105% | 1840 |
| 0.754809 | 1.324838 | 2.3861% | 1839 | 0.737219 | 1.356449 | 2.5824% | 1838 |
| 0.718660 | 1.391478 | 2.6573% | 1837 | 0.700057 | 1.428454 | 2.7232% | 1836 |
| 0.681499 | 1.467354 | 2.7994% | 1835 | 0.662940 | 1.508432 | 2.8871% | 1834 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.644337 | 1.551982 | 2.9657% | 1833 | 0.625779 | 1.598009 | 3.0563% | 1832 |
| 0.607220 | 1.646849 | 3.1604% | 1831 | 0.588617 | 1.698896 | 3.4660% | 1830 |
| 0.568900 | 1.757780 | 2.4653% | 1829 | 0.555212 | 1.801114 | 2.6804% | 1828 |
| 0.540718 | 1.849391 | 10.3427% | 1827 | 0.490036 | 2.040667 | -4.2314% | 1826 |
| 0.511688 | 1.954318 | 2.9150% | 1825 | 0.497194 | 2.011287 | 3.0026% | 1824 |
| 0.482701 | 2.071677 | 3.0955% | 1823 | 0.468207 | 2.135806 | 3.1944% | 1822 |
| 0.453714 | 2.204032 | 3.3102% | 1821 | 0.439176 | 2.276990 | 3.2277% | 1820 |
| 0.425444 | 2.350485 | 2.6573% | 1819 | 0.414432 | 2.412944 | 2.6261% | 1818 |
| 0.403827 | 2.476310 | 2.6969% | 1817 | 0.393222 | 2.543095 | 2.7717% | 1816 |
| 0.382617 | 2.613581 | 2.8507% | 1815 | 0.372012 | 2.688086 | 2.9343% | 1814 |
| 0.361407 | 2.766964 | 3.0231% | 1813 | 0.350802 | 2.850611 | 3.1039% | 1812 |
| 0.340241 | 2.939091 | 3.2172% | 1811 | 0.329636 | 3.033646 | 3.0969% | 1810 |
| 0.319734 | 3.127596 | 2.9144% | 1809 | 0.310680 | 3.218746 | 2.8225% | 1808 |
| 0.302152 | 3.309593 | 2.9199% | 1807 | 0.293580 | 3.406231 | 2.9918% | 1806 |
| 0.285051 | 3.508138 | 3.0841% | 1805 | 0.276523 | 3.616331 | 3.1822% | 1804 |
| 0.267995 | 3.731410 | 3.2868% | 1803 | 0.259467 | 3.854053 | 3.3985% | 1802 |
| 0.250939 | 3.985033 | 3.5180% | 1801 | 0.242411 | 4.125228 | 3.3999% | 1800 |
| 0.234440 | 4.265483 | 2.8419% | 1799 | 0.227962 | 4.386703 | 2.7485% | 1798 |
| 0.221864 | 4.507269 | 2.8261% | 1797 | 0.215766 | 4.634651 | 3.7832% | 1796 |
| 0.207901 | 4.809989 | 2.1272% | 1795 | 0.203570 | 4.912307 | 3.0879% | 1794 |
| 0.197472 | 5.063996 | 3.1625% | 1793 | 0.191419 | 5.224146 | 3.2904% | 1792 |
| 0.185321 | 5.396042 | 3.4024% | 1791 | 0.179223 | 5.579635 | 3.2296% | 1790 |
| 0.173616 | 5.759833 | 41.3145% | 1780 | 0.122858 | 8.139476 | 29.4353% | 1770 |
| 0.094918 | 10.535357 | 83.4728% | 1750 | 0.051734 | 19.329518 | 29.2845% | 1740 |
| 0.040016 | 24.990062 | 94.2514% | 1720 | 0.020600 | 48.543544 | 85.8111% | 1700 |
| 0.011087 | 90.199283 | 19.2490% | 1690 | 0.009297 | 107.561787 | 88.0250% | 1670 |
| 0.004945 | 202.243074 | | | | | | |

BASE YEAR: 1848

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 13.690178 | 0.073045 | 8.2857% | 2001 | 12.642651 | 0.079097 | 1.0000% |
| 2000 | 12.517475 | 0.079888 | 1.0000% | 1999 | 12.393540 | 0.080687 | 1.0000% |
| 1998 | 12.270832 | 0.081494 | 1.0000% | 1997 | 12.149338 | 0.082309 | 1.0000% |
| 1996 | 12.029048 | 0.083132 | 1.0000% | 1995 | 11.909948 | 0.083963 | 0.9992% |
| 1994 | 11.792119 | 0.084802 | 1.0008% | 1993 | 11.675275 | 0.085651 | 1.0000% |
| 1992 | 11.559678 | 0.086508 | 0.9295% | 1991 | 11.453220 | 0.087312 | 1.2505% |
| 1990 | 11.311765 | 0.088404 | 0.7224% | 1989 | 11.230629 | 0.089042 | 1.1077% |
| 1988 | 11.107594 | 0.090028 | 0.8834% | 1987 | 11.010332 | 0.090824 | 0.5594% |
| 1986 | 10.949087 | 0.091332 | 1.3056% | 1985 | 10.807975 | 0.092524 | 0.7673% |
| 1984 | 10.725679 | 0.093234 | 0.8149% | 1983 | 10.638977 | 0.093994 | 0.9737% |
| 1982 | 10.536379 | 0.094909 | 0.9508% | 1981 | 10.437142 | 0.095812 | 0.9031% |
| 1980 | 10.343732 | 0.096677 | 2.2701% | 1979 | 10.114134 | 0.098872 | 1.0042% |
| 1978 | 10.013580 | 0.099864 | 0.9896% | 1977 | 9.915456 | 0.100853 | 0.9103% |
| 1976 | 9.826006 | 0.101771 | 0.8394% | 1975 | 9.744209 | 0.102625 | 0.9042% |
| 1974 | 9.656894 | 0.103553 | 1.1568% | 1973 | 9.546462 | 0.104751 | 0.9427% |
| 1972 | 9.457308 | 0.105738 | 0.7426% | 1971 | 9.387592 | 0.106524 | 1.4697% |
| 1970 | 9.251617 | 0.108089 | 0.6968% | 1969 | 9.187597 | 0.108842 | 0.8565% |
| 1968 | 9.109569 | 0.109775 | 1.5090% | 1967 | 8.974146 | 0.111431 | 0.9949% |
| 1966 | 8.885741 | 0.112540 | 1.0575% | 1965 | 8.792760 | 0.113730 | 1.1300% |
| 1964 | 8.694511 | 0.115015 | 1.5537% | 1963 | 8.561495 | 0.116802 | 1.4658% |
| 1962 | 8.437812 | 0.118514 | 1.5364% | 1961 | 8.310133 | 0.120335 | 2.1586% |
| 1960 | 8.134537 | 0.122933 | -1.6655% | 1959 | 8.272311 | 0.120885 | 4.3080% |
| 1958 | 7.930659 | 0.126093 | 2.1130% | 1957 | 7.766555 | 0.128757 | 1.9895% |
| 1956 | 7.615054 | 0.131319 | 2.1231% | 1955 | 7.456740 | 0.134107 | 1.4496% |
| 1954 | 7.350191 | 0.136051 | 2.1573% | 1953 | 7.194977 | 0.138986 | 1.2298% |
| 1952 | 7.107571 | 0.140695 | 1.6814% | 1951 | 6.990042 | 0.143061 | 1.6233% |
| 1950 | 6.878387 | 0.145383 | 1.4265% | 1949 | 6.781645 | 0.147457 | 1.7790% |
| 1948 | 6.663105 | 0.150080 | 1.8242% | 1947 | 6.543737 | 0.152818 | -2.6320% |
| 1946 | 6.720626 | 0.148796 | 3.1768% | 1945 | 6.513699 | 0.153523 | 6.4754% |
| 1944 | 6.117561 | 0.163464 | -0.3437% | 1943 | 6.138659 | 0.162902 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 6.098638 | 0.163971 | 0.6633% | 1941 | 6.058452 | 0.165059 | -5.6614% | 1940 |
| 6.422031 | 0.155714 | 8.0381% | 1939 | 5.944227 | 0.168230 | 0.8126% | 1938 |
| 5.896312 | 0.169598 | 0.7762% | 1937 | 5.850895 | 0.170914 | 0.6029% | 1936 |
| 5.815833 | 0.171944 | 0.5244% | 1935 | 5.785494 | 0.172846 | -3.0364% | 1934 |
| 5.966664 | 0.167598 | 4.6271% | 1933 | 5.702789 | 0.175353 | 1.3921% | 1932 |
| 5.624489 | 0.177794 | -0.2051% | 1931 | 5.636048 | 0.177429 | 0.8886% | 1930 |
| 5.586407 | 0.179006 | 1.0126% | 1929 | 5.530407 | 0.180819 | 1.1526% | 1928 |
| 5.467390 | 0.182903 | 1.2160% | 1927 | 5.401705 | 0.185127 | 1.4086% | 1926 |
| 5.326675 | 0.187734 | 1.7667% | 1925 | 5.234203 | 0.191051 | 1.4465% | 1924 |
| 5.159570 | 0.193815 | 1.7700% | 1923 | 5.069835 | 0.197245 | 1.6165% | 1922 |
| 4.989184 | 0.200434 | 1.3736% | 1921 | 4.921579 | 0.203187 | 2.3393% | 1920 |
| 4.809079 | 0.207940 | 1.3140% | 1919 | 4.746707 | 0.210672 | 0.7676% | 1918 |
| 4.710547 | 0.212290 | 0.3870% | 1917 | 4.692388 | 0.213111 | 1.3274% | 1916 |
| 4.630916 | 0.215940 | 1.4083% | 1915 | 4.566605 | 0.218981 | 1.4458% | 1914 |
| 4.501521 | 0.222147 | 1.9424% | 1913 | 4.415751 | 0.226462 | 1.9857% | 1912 |
| 4.329776 | 0.230959 | 1.5634% | 1911 | 4.263126 | 0.234570 | 1.8169% | 1910 |
| 4.187050 | 0.238832 | 1.8781% | 1909 | 4.109865 | 0.243317 | 2.0082% | 1908 |
| 4.028954 | 0.248203 | 1.9603% | 1907 | 3.951494 | 0.253069 | 1.8264% | 1906 |
| 3.880620 | 0.257691 | 1.9357% | 1905 | 3.806931 | 0.262679 | 2.0148% | 1904 |
| 3.731742 | 0.267971 | 2.1335% | 1903 | 3.653788 | 0.273689 | 1.8151% | 1902 |
| 3.588648 | 0.278656 | 1.8943% | 1901 | 3.521931 | 0.283935 | 3.0255% | 1900 |
| 3.418504 | 0.292526 | 0.6278% | 1899 | 3.397175 | 0.294362 | 1.7757% | 1898 |
| 3.337905 | 0.299589 | 1.8078% | 1897 | 3.278636 | 0.305005 | 1.8396% | 1896 |
| 3.219411 | 0.310616 | 1.8755% | 1895 | 3.160142 | 0.316442 | 1.9114% | 1894 |
| 3.100872 | 0.322490 | 1.9486% | 1893 | 3.041602 | 0.328774 | 1.9858% | 1892 |
| 2.982378 | 0.335303 | 2.0276% | 1891 | 2.923108 | 0.342102 | 2.6465% | 1890 |
| 2.847742 | 0.351155 | 1.5328% | 1889 | 2.804751 | 0.356538 | 2.0811% | 1888 |
| 2.747570 | 0.363958 | 2.1599% | 1887 | 2.689481 | 0.371819 | 2.2075% | 1886 |
| 2.631392 | 0.380027 | 2.2592% | 1885 | 2.573258 | 0.388612 | 2.3095% | 1884 |
| 2.515169 | 0.397588 | 2.3641% | 1883 | 2.457081 | 0.406987 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.398992 | 0.416842 | 2.4815% | 1881 | 2.340903 | 0.427186 | 3.7644% | 1880 |
| 2.255979 | 0.443267 | 0.9432% | 1879 | 2.234899 | 0.447448 | 2.1464% | 1878 |
| 2.187937 | 0.457052 | 2.1913% | 1877 | 2.141021 | 0.467067 | 2.2426% | 1876 |
| 2.094059 | 0.477541 | 2.2941% | 1875 | 2.047098 | 0.488496 | 2.3456% | 1874 |
| 2.000182 | 0.499955 | 2.4043% | 1873 | 1.953220 | 0.511975 | 2.4635% | 1872 |
| 1.906259 | 0.524588 | 2.5258% | 1871 | 1.859297 | 0.537838 | 5.9947% | 1870 |
| 1.754142 | 0.570079 | -1.0968% | 1869 | 1.773594 | 0.563827 | 2.1930% | 1868 |
| 1.735535 | 0.576191 | 2.2394% | 1867 | 1.697520 | 0.589095 | 2.2935% | 1866 |
| 1.659460 | 0.602606 | 2.3445% | 1865 | 1.621446 | 0.616733 | 2.4037% | 1864 |
| 1.583386 | 0.631558 | 2.4599% | 1863 | 1.545372 | 0.647093 | 2.5250% | 1862 |
| 1.507312 | 0.663433 | 2.5872% | 1861 | 1.469298 | 0.680597 | 2.9504% | 1860 |
| 1.427190 | 0.700678 | 2.4012% | 1859 | 1.393723 | 0.717503 | 2.7627% | 1858 |
| 1.356254 | 0.737325 | 2.8412% | 1857 | 1.318785 | 0.758274 | 2.9243% | 1856 |
| 1.281315 | 0.780448 | 3.0161% | 1855 | 1.243801 | 0.803987 | 3.1061% | 1854 |
| 1.206331 | 0.828960 | 3.2056% | 1853 | 1.168862 | 0.855533 | 3.3118% | 1852 |
| 1.131392 | 0.883867 | 3.4252% | 1851 | 1.093923 | 0.914141 | 4.0106% | 1850 |
| 1.051742 | 0.950804 | 2.3254% | 1849 | 1.027841 | 0.972913 | 2.7841% | 1848 |
| 1.000000 | 1.000000 | 2.8590% | 1847 | 0.972205 | 1.028590 | 2.9432% | 1846 |
| 0.944409 | 1.058863 | 3.0324% | 1845 | 0.916614 | 1.090972 | 3.1325% | 1844 |
| 0.888773 | 1.125147 | 3.2284% | 1843 | 0.860977 | 1.161471 | 3.3361% | 1842 |
| 0.833182 | 1.200218 | 3.4512% | 1841 | 0.805387 | 1.241640 | 3.8105% | 1840 |
| 0.775824 | 1.288952 | 2.3861% | 1839 | 0.757744 | 1.319708 | 2.5824% | 1838 |
| 0.738668 | 1.353788 | 2.6573% | 1837 | 0.719548 | 1.389762 | 2.7232% | 1836 |
| 0.700472 | 1.427608 | 2.7994% | 1835 | 0.681397 | 1.467573 | 2.8871% | 1834 |
| 0.662276 | 1.509944 | 2.9657% | 1833 | 0.643201 | 1.554724 | 3.0563% | 1832 |
| 0.624126 | 1.602241 | 3.1604% | 1831 | 0.605005 | 1.652879 | 3.4660% | 1830 |
| 0.584738 | 1.710167 | 2.4653% | 1829 | 0.570669 | 1.752328 | 2.6804% | 1828 |
| 0.555773 | 1.799297 | 10.3427% | 1827 | 0.503679 | 1.985392 | -4.2314% | 1826 |
| 0.525933 | 1.901382 | 2.9150% | 1825 | 0.511036 | 1.956808 | 3.0026% | 1824 |
| 0.496140 | 2.015562 | 3.0955% | 1823 | 0.481243 | 2.077954 | 3.1944% | 1822 |

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|----------|------------|----------|------|----------|------------|----------|------|
| 0.466346 | 2.144332 | 3.3102% | 1821 | 0.451403 | 2.215313 | 3.2277% | 1820 |
| 0.437289 | 2.286818 | 2.6573% | 1819 | 0.425970 | 2.347585 | 2.6261% | 1818 |
| 0.415069 | 2.409235 | 2.6969% | 1817 | 0.404169 | 2.474211 | 2.7717% | 1816 |
| 0.393269 | 2.542788 | 2.8507% | 1815 | 0.382369 | 2.615275 | 2.9343% | 1814 |
| 0.371469 | 2.692016 | 3.0231% | 1813 | 0.360569 | 2.773397 | 3.1039% | 1812 |
| 0.349714 | 2.859481 | 3.2172% | 1811 | 0.338814 | 2.951475 | 3.0969% | 1810 |
| 0.328636 | 3.042879 | 2.9144% | 1809 | 0.319330 | 3.131560 | 2.8225% | 1808 |
| 0.310564 | 3.219947 | 2.9199% | 1807 | 0.301753 | 3.313967 | 2.9918% | 1806 |
| 0.292988 | 3.413114 | 3.0841% | 1805 | 0.284222 | 3.518376 | 3.1822% | 1804 |
| 0.275456 | 3.630338 | 3.2868% | 1803 | 0.266691 | 3.749659 | 3.3985% | 1802 |
| 0.257925 | 3.877091 | 3.5180% | 1801 | 0.249160 | 4.013489 | 3.3999% | 1800 |
| 0.240967 | 4.149945 | 2.8419% | 1799 | 0.234308 | 4.267881 | 2.7485% | 1798 |
| 0.228041 | 4.385182 | 2.8261% | 1797 | 0.221773 | 4.509113 | 3.7832% | 1796 |
| 0.213689 | 4.679702 | 2.1272% | 1795 | 0.209238 | 4.779249 | 3.0879% | 1794 |
| 0.202970 | 4.926829 | 3.1625% | 1793 | 0.196748 | 5.082641 | 3.2904% | 1792 |
| 0.190481 | 5.249881 | 3.4024% | 1791 | 0.184213 | 5.428501 | 3.2296% | 1790 |
| 0.178450 | 5.603818 | 41.3145% | 1780 | 0.126278 | 7.919004 | 29.4353% | 1770 |
| 0.097561 | 10.249988 | 83.4728% | 1750 | 0.053175 | 18.805945 | 29.2845% | 1740 |
| 0.041130 | 24.313163 | 94.2514% | 1720 | 0.021174 | 47.228657 | 85.8111% | 1700 |
| 0.011395 | 87.756078 | 19.2490% | 1690 | 0.009556 | 104.648289 | 88.0250% | 1670 |
| 0.005082 | 196.764969 | | | | | | |

BASE YEAR: 1847

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 14.081582 | 0.071015 | 8.2857% | 2001 | 13.004106 | 0.076899 | 1.0000% |
| 2000 | 12.875351 | 0.077668 | 1.0000% | 1999 | 12.747873 | 0.078444 | 1.0000% |
| 1998 | 12.621656 | 0.079229 | 1.0000% | 1997 | 12.496689 | 0.080021 | 1.0000% |
| 1996 | 12.372960 | 0.080821 | 1.0000% | 1995 | 12.250455 | 0.081630 | 0.9992% |
| 1994 | 12.129257 | 0.082445 | 1.0008% | 1993 | 12.009073 | 0.083270 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 11.890171 | 0.084103 | 0.9295% | 1991 | 11.780669 | 0.084885 | 1.2505% |
| 1990 | 11.635169 | 0.085946 | 0.7224% | 1989 | 11.551714 | 0.086567 | 1.1077% |
| 1988 | 11.425161 | 0.087526 | 0.8834% | 1987 | 11.325119 | 0.088299 | 0.5594% |
| 1986 | 11.262123 | 0.088793 | 1.3056% | 1985 | 11.116977 | 0.089953 | 0.7673% |
| 1984 | 11.032327 | 0.090643 | 0.8149% | 1983 | 10.943147 | 0.091381 | 0.9737% |
| 1982 | 10.837616 | 0.092271 | 0.9508% | 1981 | 10.735541 | 0.093149 | 0.9031% |
| 1980 | 10.639460 | 0.093990 | 2.2701% | 1979 | 10.403298 | 0.096123 | 1.0042% |
| 1978 | 10.299869 | 0.097089 | 0.9896% | 1977 | 10.198940 | 0.098049 | 0.9103% |
| 1976 | 10.106933 | 0.098942 | 0.8394% | 1975 | 10.022797 | 0.099773 | 0.9042% |
| 1974 | 9.932986 | 0.100675 | 1.1568% | 1973 | 9.819396 | 0.101839 | 0.9427% |
| 1972 | 9.727693 | 0.102799 | 0.7426% | 1971 | 9.655984 | 0.103563 | 1.4697% |
| 1970 | 9.516122 | 0.105085 | 0.6968% | 1969 | 9.450271 | 0.105817 | 0.8565% |
| 1968 | 9.370013 | 0.106723 | 1.5090% | 1967 | 9.230718 | 0.108334 | 0.9949% |
| 1966 | 9.139786 | 0.109412 | 1.0575% | 1965 | 9.044147 | 0.110569 | 1.1300% |
| 1964 | 8.943088 | 0.111818 | 1.5537% | 1963 | 8.806269 | 0.113555 | 1.4658% |
| 1962 | 8.679050 | 0.115220 | 1.5364% | 1961 | 8.547720 | 0.116990 | 2.1586% |
| 1960 | 8.367105 | 0.119516 | -1.6655% | 1959 | 8.508818 | 0.117525 | 4.3080% |
| 1958 | 8.157397 | 0.122588 | 2.1130% | 1957 | 7.988601 | 0.125178 | 1.9895% |
| 1956 | 7.832769 | 0.127669 | 2.1231% | 1955 | 7.669929 | 0.130379 | 1.4496% |
| 1954 | 7.560334 | 0.132269 | 2.1573% | 1953 | 7.400682 | 0.135123 | 1.2298% |
| 1952 | 7.310777 | 0.136784 | 1.6814% | 1951 | 7.189888 | 0.139084 | 1.6233% |
| 1950 | 7.075041 | 0.141342 | 1.4265% | 1949 | 6.975533 | 0.143358 | 1.7790% |
| 1948 | 6.853604 | 0.145909 | 1.8242% | 1947 | 6.730823 | 0.148570 | -2.6320% |
| 1946 | 6.912770 | 0.144660 | 3.1768% | 1945 | 6.699926 | 0.149255 | 6.4754% |
| 1944 | 6.292463 | 0.158920 | -0.3437% | 1943 | 6.314164 | 0.158374 | 0.6562% |
| 1942 | 6.272999 | 0.159413 | 0.6633% | 1941 | 6.231664 | 0.160471 | -5.6614% |
| 1940 | 6.605637 | 0.151386 | 8.0381% | 1939 | 6.114174 | 0.163554 | 0.8126% |
| 1938 | 6.064888 | 0.164883 | 0.7762% | 1937 | 6.018172 | 0.166163 | 0.6029% |
| 1936 | 5.982108 | 0.167165 | 0.5244% | 1935 | 5.950902 | 0.168042 | -3.0364% |
| 1934 | 6.137251 | 0.162939 | 4.6271% | 1933 | 5.865832 | 0.170479 | 1.3921% |
| 1932 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 5.785294 | 0.172852 | -0.2051% | 1931 | 5.797183 | 0.172498 | 0.8886% | 1930 |
| 5.746123 | 0.174030 | 1.0126% | 1929 | 5.688522 | 0.175793 | 1.1526% | 1928 |
| 5.623704 | 0.177819 | 1.2160% | 1927 | 5.556141 | 0.179981 | 1.4086% | 1926 |
| 5.478965 | 0.182516 | 1.7667% | 1925 | 5.383849 | 0.185741 | 1.4465% | 1924 |
| 5.307082 | 0.188427 | 1.7700% | 1923 | 5.214782 | 0.191763 | 1.6165% | 1922 |
| 5.131825 | 0.194862 | 1.3736% | 1921 | 5.062287 | 0.197539 | 2.3393% | 1920 |
| 4.946572 | 0.202160 | 1.3140% | 1919 | 4.882416 | 0.204817 | 0.7676% | 1918 |
| 4.845222 | 0.206389 | 0.3870% | 1917 | 4.826544 | 0.207188 | 1.3274% | 1916 |
| 4.763314 | 0.209938 | 1.4083% | 1915 | 4.697164 | 0.212894 | 1.4458% | 1914 |
| 4.630220 | 0.215972 | 1.9424% | 1913 | 4.541998 | 0.220167 | 1.9857% | 1912 |
| 4.453564 | 0.224539 | 1.5634% | 1911 | 4.385009 | 0.228050 | 1.8169% | 1910 |
| 4.306759 | 0.232193 | 1.8781% | 1909 | 4.227366 | 0.236554 | 2.0082% | 1908 |
| 4.144142 | 0.241304 | 1.9603% | 1907 | 4.064468 | 0.246035 | 1.8264% | 1906 |
| 3.991568 | 0.250528 | 1.9357% | 1905 | 3.915771 | 0.255378 | 2.0148% | 1904 |
| 3.838433 | 0.260523 | 2.1335% | 1903 | 3.758250 | 0.266081 | 1.8151% | 1902 |
| 3.691248 | 0.270911 | 1.8943% | 1901 | 3.622623 | 0.276043 | 3.0255% | 1900 |
| 3.516239 | 0.284395 | 0.6278% | 1899 | 3.494301 | 0.286180 | 1.7757% | 1898 |
| 3.433336 | 0.291262 | 1.8078% | 1897 | 3.372372 | 0.296527 | 1.8396% | 1896 |
| 3.311455 | 0.301982 | 1.8755% | 1895 | 3.250491 | 0.307646 | 1.9114% | 1894 |
| 3.189526 | 0.313526 | 1.9486% | 1893 | 3.128562 | 0.319636 | 1.9858% | 1892 |
| 3.067645 | 0.325983 | 2.0276% | 1891 | 3.006680 | 0.332593 | 2.6465% | 1890 |
| 2.929160 | 0.341395 | 1.5328% | 1889 | 2.884939 | 0.346628 | 2.0811% | 1888 |
| 2.826124 | 0.353842 | 2.1599% | 1887 | 2.766374 | 0.361484 | 2.2075% | 1886 |
| 2.706624 | 0.369464 | 2.2592% | 1885 | 2.646828 | 0.377811 | 2.3095% | 1884 |
| 2.587078 | 0.386536 | 2.3641% | 1883 | 2.527329 | 0.395675 | 2.4214% | 1882 |
| 2.467579 | 0.405255 | 2.4815% | 1881 | 2.407830 | 0.415312 | 3.7644% | 1880 |
| 2.320478 | 0.430946 | 0.9432% | 1879 | 2.298795 | 0.435011 | 2.1464% | 1878 |
| 2.250491 | 0.444348 | 2.1913% | 1877 | 2.202233 | 0.454085 | 2.2426% | 1876 |
| 2.153929 | 0.464268 | 2.2941% | 1875 | 2.105625 | 0.474918 | 2.3456% | 1874 |
| 2.057367 | 0.486058 | 2.4043% | 1873 | 2.009063 | 0.497745 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.960759 | 0.510007 | 2.5258% | 1871 | 1.912454 | 0.522888 | 5.9947% | 1870 |
| 1.804293 | 0.554234 | -1.0968% | 1869 | 1.824302 | 0.548155 | 2.1930% | 1868 |
| 1.785154 | 0.560176 | 2.2394% | 1867 | 1.746053 | 0.572720 | 2.2935% | 1866 |
| 1.706905 | 0.585856 | 2.3445% | 1865 | 1.667803 | 0.599591 | 2.4037% | 1864 |
| 1.628656 | 0.614003 | 2.4599% | 1863 | 1.589554 | 0.629107 | 2.5250% | 1862 |
| 1.550406 | 0.644992 | 2.5872% | 1861 | 1.511305 | 0.661680 | 2.9504% | 1860 |
| 1.467993 | 0.681202 | 2.4012% | 1859 | 1.433570 | 0.697559 | 2.7627% | 1858 |
| 1.395029 | 0.716831 | 2.8412% | 1857 | 1.356489 | 0.737197 | 2.9243% | 1856 |
| 1.317948 | 0.758755 | 3.0161% | 1855 | 1.279361 | 0.781640 | 3.1061% | 1854 |
| 1.240820 | 0.805918 | 3.2056% | 1853 | 1.202280 | 0.831753 | 3.3118% | 1852 |
| 1.163739 | 0.859299 | 3.4252% | 1851 | 1.125199 | 0.888732 | 4.0106% | 1850 |
| 1.081811 | 0.924376 | 2.3254% | 1849 | 1.057227 | 0.945871 | 2.7841% | 1848 |
| 1.028590 | 0.972205 | 2.8590% | 1847 | 1.000000 | 1.000000 | 2.9432% | 1846 |
| 0.971410 | 1.029432 | 3.0324% | 1845 | 0.942820 | 1.060648 | 3.1325% | 1844 |
| 0.914183 | 1.093873 | 3.2284% | 1843 | 0.885593 | 1.129187 | 3.3361% | 1842 |
| 0.857003 | 1.166857 | 3.4512% | 1841 | 0.828413 | 1.207128 | 3.8105% | 1840 |
| 0.798005 | 1.253125 | 2.3861% | 1839 | 0.779408 | 1.283026 | 2.5824% | 1838 |
| 0.759787 | 1.316158 | 2.6573% | 1837 | 0.740120 | 1.351133 | 2.7232% | 1836 |
| 0.720499 | 1.387927 | 2.7994% | 1835 | 0.700878 | 1.426781 | 2.8871% | 1834 |
| 0.681211 | 1.467974 | 2.9657% | 1833 | 0.661590 | 1.511510 | 3.0563% | 1832 |
| 0.641970 | 1.557706 | 3.1604% | 1831 | 0.622302 | 1.606936 | 3.4660% | 1830 |
| 0.601456 | 1.662632 | 2.4653% | 1829 | 0.586985 | 1.703621 | 2.6804% | 1828 |
| 0.571662 | 1.749285 | 10.3427% | 1827 | 0.518079 | 1.930207 | -4.2314% | 1826 |
| 0.540970 | 1.848532 | 2.9150% | 1825 | 0.525647 | 1.902417 | 3.0026% | 1824 |
| 0.510324 | 1.959539 | 3.0955% | 1823 | 0.495001 | 2.020196 | 3.1944% | 1822 |
| 0.479679 | 2.084729 | 3.3102% | 1821 | 0.464309 | 2.153738 | 3.2277% | 1820 |
| 0.449791 | 2.223255 | 2.6573% | 1819 | 0.438148 | 2.282333 | 2.6261% | 1818 |
| 0.426936 | 2.342269 | 2.6969% | 1817 | 0.415725 | 2.405439 | 2.7717% | 1816 |
| 0.404513 | 2.472110 | 2.8507% | 1815 | 0.393301 | 2.542582 | 2.9343% | 1814 |
| 0.382089 | 2.617190 | 3.0231% | 1813 | 0.370877 | 2.696309 | 3.1039% | 1812 |

| | | | | | | | |
|----------|------------|----------|------|----------|------------|----------|------|
| 0.359712 | 2.780000 | 3.2172% | 1811 | 0.348500 | 2.869437 | 3.0969% | 1810 |
| 0.338032 | 2.958301 | 2.9144% | 1809 | 0.328459 | 3.044517 | 2.8225% | 1808 |
| 0.319443 | 3.130447 | 2.9199% | 1807 | 0.310380 | 3.221854 | 2.9918% | 1806 |
| 0.301364 | 3.318245 | 3.0841% | 1805 | 0.292348 | 3.420582 | 3.1822% | 1804 |
| 0.283332 | 3.529431 | 3.2868% | 1803 | 0.274316 | 3.645436 | 3.3985% | 1802 |
| 0.265299 | 3.769326 | 3.5180% | 1801 | 0.256283 | 3.901932 | 3.3999% | 1800 |
| 0.247856 | 4.034596 | 2.8419% | 1799 | 0.241007 | 4.149254 | 2.7485% | 1798 |
| 0.234560 | 4.263294 | 2.8261% | 1797 | 0.228114 | 4.383780 | 3.7832% | 1796 |
| 0.219798 | 4.549628 | 2.1272% | 1795 | 0.215220 | 4.646408 | 3.0879% | 1794 |
| 0.208773 | 4.789886 | 3.1625% | 1793 | 0.202373 | 4.941367 | 3.2904% | 1792 |
| 0.195926 | 5.103958 | 3.4024% | 1791 | 0.189480 | 5.277613 | 3.2296% | 1790 |
| 0.183552 | 5.448057 | 41.3145% | 1780 | 0.129889 | 7.698892 | 29.4353% | 1770 |
| 0.100350 | 9.965085 | 83.4728% | 1750 | 0.054695 | 18.283225 | 29.2845% | 1740 |
| 0.042306 | 23.637367 | 94.2514% | 1720 | 0.021779 | 45.915916 | 85.8111% | 1700 |
| 0.011721 | 85.316859 | 19.2490% | 1690 | 0.009829 | 101.739544 | 88.0250% | 1670 |
| 0.005228 | 191.295800 | | | | | | |

BASE YEAR: 1846

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 14.496025 | 0.068984 | 8.2857% | 2001 | 13.386838 | 0.074700 | 1.0000% |
| 2000 | 13.254293 | 0.075447 | 1.0000% | 1999 | 13.123063 | 0.076202 | 1.0000% |
| 1998 | 12.993131 | 0.076964 | 1.0000% | 1997 | 12.864486 | 0.077733 | 1.0000% |
| 1996 | 12.737115 | 0.078511 | 1.0000% | 1995 | 12.611005 | 0.079296 | 0.9992% |
| 1994 | 12.486240 | 0.080088 | 1.0008% | 1993 | 12.362519 | 0.080890 | 1.0000% |
| 1992 | 12.240117 | 0.081699 | 0.9295% | 1991 | 12.127393 | 0.082458 | 1.2505% |
| 1990 | 11.977611 | 0.083489 | 0.7224% | 1989 | 11.891700 | 0.084092 | 1.1077% |
| 1988 | 11.761422 | 0.085024 | 0.8834% | 1987 | 11.658435 | 0.085775 | 0.5594% |
| 1986 | 11.593585 | 0.086255 | 1.3056% | 1985 | 11.444167 | 0.087381 | 0.7673% |
| 1984 | 11.357026 | 0.088051 | 0.8149% | 1983 | 11.265221 | 0.088769 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 11.156584 | 0.089633 | 0.9508% | 1981 | 11.051505 | 0.090485 | 0.9031% |
| 1980 | 10.952596 | 0.091303 | 2.2701% | 1979 | 10.709484 | 0.093375 | 1.0042% |
| 1978 | 10.603010 | 0.094313 | 0.9896% | 1977 | 10.499110 | 0.095246 | 0.9103% |
| 1976 | 10.404395 | 0.096113 | 0.8394% | 1975 | 10.317784 | 0.096920 | 0.9042% |
| 1974 | 10.225329 | 0.097796 | 1.1568% | 1973 | 10.108397 | 0.098928 | 0.9427% |
| 1972 | 10.013994 | 0.099860 | 0.7426% | 1971 | 9.940175 | 0.100602 | 1.4697% |
| 1970 | 9.796197 | 0.102080 | 0.6968% | 1969 | 9.728407 | 0.102792 | 0.8565% |
| 1968 | 9.645787 | 0.103672 | 1.5090% | 1967 | 9.502393 | 0.105237 | 0.9949% |
| 1966 | 9.408784 | 0.106284 | 1.0575% | 1965 | 9.310330 | 0.107408 | 1.1300% |
| 1964 | 9.206297 | 0.108621 | 1.5537% | 1963 | 9.065452 | 0.110309 | 1.4658% |
| 1962 | 8.934488 | 0.111926 | 1.5364% | 1961 | 8.799293 | 0.113645 | 2.1586% |
| 1960 | 8.613362 | 0.116099 | -1.6655% | 1959 | 8.759245 | 0.114165 | 4.3080% |
| 1958 | 8.397482 | 0.119083 | 2.1130% | 1957 | 8.223718 | 0.121599 | 1.9895% |
| 1956 | 8.063300 | 0.124019 | 2.1231% | 1955 | 7.895667 | 0.126652 | 1.4496% |
| 1954 | 7.782846 | 0.128488 | 2.1573% | 1953 | 7.618496 | 0.131260 | 1.2298% |
| 1952 | 7.525945 | 0.132874 | 1.6814% | 1951 | 7.401498 | 0.135108 | 1.6233% |
| 1950 | 7.283271 | 0.137301 | 1.4265% | 1949 | 7.180833 | 0.139260 | 1.7790% |
| 1948 | 7.055316 | 0.141737 | 1.8242% | 1947 | 6.928922 | 0.144323 | -2.6320% |
| 1946 | 7.116223 | 0.140524 | 3.1768% | 1945 | 6.897116 | 0.144988 | 6.4754% |
| 1944 | 6.477660 | 0.154377 | -0.3437% | 1943 | 6.499999 | 0.153846 | 0.6562% |
| 1942 | 6.457623 | 0.154856 | 0.6633% | 1941 | 6.415072 | 0.155883 | -5.6614% |
| 1940 | 6.800052 | 0.147058 | 8.0381% | 1939 | 6.294123 | 0.158878 | 0.8126% |
| 1938 | 6.243388 | 0.160169 | 0.7762% | 1937 | 6.195297 | 0.161413 | 0.6029% |
| 1936 | 6.158171 | 0.162386 | 0.5244% | 1935 | 6.126046 | 0.163237 | -3.0364% |
| 1934 | 6.317880 | 0.158281 | 4.6271% | 1933 | 6.038473 | 0.165605 | 1.3921% |
| 1932 | 5.955564 | 0.167910 | -0.2051% | 1931 | 5.967803 | 0.167566 | 0.8886% |
| 1930 | 5.915241 | 0.169055 | 1.0126% | 1929 | 5.855944 | 0.170767 | 1.1526% |
| 1928 | 5.789218 | 0.172735 | 1.2160% | 1927 | 5.719667 | 0.174835 | 1.4086% |
| 1926 | 5.640220 | 0.177298 | 1.7667% | 1925 | 5.542305 | 0.180430 | 1.4465% |
| 1924 | 5.463278 | 0.183040 | 1.7700% | 1923 | 5.368261 | 0.186280 | 1.6165% |
| 1922 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 5.282863 | 0.189291 | 1.3736% | 1921 | 5.211278 | 0.191891 | 2.3393% | 1920 |
| 5.092157 | 0.196380 | 1.3140% | 1919 | 5.026113 | 0.198961 | 0.7676% | 1918 |
| 4.987825 | 0.200488 | 0.3870% | 1917 | 4.968597 | 0.201264 | 1.3274% | 1916 |
| 4.903506 | 0.203936 | 1.4083% | 1915 | 4.835409 | 0.206808 | 1.4458% | 1914 |
| 4.766495 | 0.209798 | 1.9424% | 1913 | 4.675676 | 0.213873 | 1.9857% | 1912 |
| 4.584640 | 0.218120 | 1.5634% | 1911 | 4.514067 | 0.221530 | 1.8169% | 1910 |
| 4.433513 | 0.225555 | 1.8781% | 1909 | 4.351784 | 0.229791 | 2.0082% | 1908 |
| 4.266110 | 0.234406 | 1.9603% | 1907 | 4.184092 | 0.239001 | 1.8264% | 1906 |
| 4.109046 | 0.243365 | 1.9357% | 1905 | 4.031019 | 0.248076 | 2.0148% | 1904 |
| 3.951404 | 0.253075 | 2.1335% | 1903 | 3.868861 | 0.258474 | 1.8151% | 1902 |
| 3.799887 | 0.263166 | 1.8943% | 1901 | 3.729243 | 0.268151 | 3.0255% | 1900 |
| 3.619728 | 0.276264 | 0.6278% | 1899 | 3.597143 | 0.277998 | 1.7757% | 1898 |
| 3.534385 | 0.282935 | 1.8078% | 1897 | 3.471626 | 0.288049 | 1.8396% | 1896 |
| 3.408916 | 0.293348 | 1.8755% | 1895 | 3.346158 | 0.298850 | 1.9114% | 1894 |
| 3.283399 | 0.304562 | 1.9486% | 1893 | 3.220641 | 0.310497 | 1.9858% | 1892 |
| 3.157930 | 0.316663 | 2.0276% | 1891 | 3.095172 | 0.323084 | 2.6465% | 1890 |
| 3.015369 | 0.331634 | 1.5328% | 1889 | 2.969847 | 0.336718 | 2.0811% | 1888 |
| 2.909301 | 0.343725 | 2.1599% | 1887 | 2.847793 | 0.351149 | 2.2075% | 1886 |
| 2.786285 | 0.358901 | 2.2592% | 1885 | 2.724728 | 0.367009 | 2.3095% | 1884 |
| 2.663220 | 0.375485 | 2.3641% | 1883 | 2.601712 | 0.384362 | 2.4214% | 1882 |
| 2.540204 | 0.393669 | 2.4815% | 1881 | 2.478696 | 0.403438 | 3.7644% | 1880 |
| 2.388773 | 0.418625 | 0.9432% | 1879 | 2.366452 | 0.422574 | 2.1464% | 1878 |
| 2.316726 | 0.431644 | 2.1913% | 1877 | 2.267048 | 0.441102 | 2.2426% | 1876 |
| 2.217322 | 0.450994 | 2.2941% | 1875 | 2.167596 | 0.461340 | 2.3456% | 1874 |
| 2.117919 | 0.472162 | 2.4043% | 1873 | 2.068193 | 0.483514 | 2.4635% | 1872 |
| 2.018467 | 0.495426 | 2.5258% | 1871 | 1.968741 | 0.507939 | 5.9947% | 1870 |
| 1.857396 | 0.538388 | -1.0968% | 1869 | 1.877994 | 0.532483 | 2.1930% | 1868 |
| 1.837694 | 0.544160 | 2.2394% | 1867 | 1.797442 | 0.556346 | 2.2935% | 1866 |
| 1.757141 | 0.569106 | 2.3445% | 1865 | 1.716889 | 0.582449 | 2.4037% | 1864 |
| 1.676589 | 0.596449 | 2.4599% | 1863 | 1.636337 | 0.611121 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.596037 | 0.626552 | 2.5872% | 1861 | 1.555785 | 0.642762 | 2.9504% | 1860 |
| 1.511199 | 0.661726 | 2.4012% | 1859 | 1.475762 | 0.677616 | 2.7627% | 1858 |
| 1.436087 | 0.696336 | 2.8412% | 1857 | 1.396412 | 0.716121 | 2.9243% | 1856 |
| 1.356738 | 0.737062 | 3.0161% | 1855 | 1.317015 | 0.759293 | 3.1061% | 1854 |
| 1.277340 | 0.782877 | 3.2056% | 1853 | 1.237665 | 0.807973 | 3.3118% | 1852 |
| 1.197990 | 0.834732 | 3.4252% | 1851 | 1.158315 | 0.863323 | 4.0106% | 1850 |
| 1.113651 | 0.897948 | 2.3254% | 1849 | 1.088343 | 0.918828 | 2.7841% | 1848 |
| 1.058863 | 0.944409 | 2.8590% | 1847 | 1.029432 | 0.971410 | 2.9432% | 1846 |
| 1.000000 | 1.000000 | 3.0324% | 1845 | 0.970568 | 1.030324 | 3.1325% | 1844 |
| 0.941089 | 1.062599 | 3.2284% | 1843 | 0.911657 | 1.096904 | 3.3361% | 1842 |
| 0.882226 | 1.133497 | 3.4512% | 1841 | 0.852794 | 1.172616 | 3.8105% | 1840 |
| 0.821491 | 1.217298 | 2.3861% | 1839 | 0.802347 | 1.246344 | 2.5824% | 1838 |
| 0.782149 | 1.278529 | 2.6573% | 1837 | 0.761902 | 1.312504 | 2.7232% | 1836 |
| 0.741704 | 1.348246 | 2.7994% | 1835 | 0.721506 | 1.385989 | 2.8871% | 1834 |
| 0.701260 | 1.426005 | 2.9657% | 1833 | 0.681062 | 1.468295 | 3.0563% | 1832 |
| 0.660864 | 1.513171 | 3.1604% | 1831 | 0.640617 | 1.560994 | 3.4660% | 1830 |
| 0.619158 | 1.615097 | 2.4653% | 1829 | 0.604261 | 1.654914 | 2.6804% | 1828 |
| 0.588487 | 1.699273 | 10.3427% | 1827 | 0.533327 | 1.875023 | -4.2314% | 1826 |
| 0.556891 | 1.795682 | 2.9150% | 1825 | 0.541118 | 1.848027 | 3.0026% | 1824 |
| 0.525344 | 1.903515 | 3.0955% | 1823 | 0.509570 | 1.962439 | 3.1944% | 1822 |
| 0.493796 | 2.025127 | 3.3102% | 1821 | 0.477974 | 2.092162 | 3.2277% | 1820 |
| 0.463029 | 2.159692 | 2.6573% | 1819 | 0.451044 | 2.217081 | 2.6261% | 1818 |
| 0.439502 | 2.275304 | 2.6969% | 1817 | 0.427960 | 2.336667 | 2.7717% | 1816 |
| 0.416418 | 2.401432 | 2.8507% | 1815 | 0.404876 | 2.469890 | 2.9343% | 1814 |
| 0.393335 | 2.542365 | 3.0231% | 1813 | 0.381793 | 2.619222 | 3.1039% | 1812 |
| 0.370299 | 2.700519 | 3.2172% | 1811 | 0.358757 | 2.787399 | 3.0969% | 1810 |
| 0.347981 | 2.873723 | 2.9144% | 1809 | 0.338126 | 2.957474 | 2.8225% | 1808 |
| 0.328845 | 3.040948 | 2.9199% | 1807 | 0.319515 | 3.129741 | 2.9918% | 1806 |
| 0.310234 | 3.223376 | 3.0841% | 1805 | 0.300952 | 3.322787 | 3.1822% | 1804 |
| 0.291671 | 3.428524 | 3.2868% | 1803 | 0.282389 | 3.541213 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.273108 | 3.661560 | 3.5180% | 1801 | 0.263826 | 3.790376 | 3.3999% | 1800 |
| 0.255151 | 3.919246 | 2.8419% | 1799 | 0.248100 | 4.030626 | 2.7485% | 1798 |
| 0.241464 | 4.141406 | 2.8261% | 1797 | 0.234827 | 4.258448 | 3.7832% | 1796 |
| 0.226267 | 4.419554 | 2.1272% | 1795 | 0.221554 | 4.513566 | 3.0879% | 1794 |
| 0.214918 | 4.652942 | 3.1625% | 1793 | 0.208329 | 4.800092 | 3.2904% | 1792 |
| 0.201693 | 4.958035 | 3.4024% | 1791 | 0.195056 | 5.126726 | 3.2296% | 1790 |
| 0.188954 | 5.292297 | 41.3145% | 1780 | 0.133712 | 7.478780 | 29.4353% | 1770 |
| 0.103304 | 9.680182 | 83.4728% | 1750 | 0.056305 | 17.760506 | 29.2845% | 1740 |
| 0.043551 | 22.961572 | 94.2514% | 1720 | 0.022420 | 44.603175 | 85.8111% | 1700 |
| 0.012066 | 82.877640 | 19.2490% | 1690 | 0.010118 | 98.830798 | 88.0250% | 1670 |
| 0.005381 | 185.826631 | | | | | | |

BASE YEAR: 1845

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 14.935603 | 0.066954 | 8.2857% | 2001 | 13.792781 | 0.072502 | 1.0000% |
| 2000 | 13.656217 | 0.073227 | 1.0000% | 1999 | 13.521007 | 0.073959 | 1.0000% |
| 1998 | 13.387136 | 0.074699 | 1.0000% | 1997 | 13.254590 | 0.075446 | 1.0000% |
| 1996 | 13.123356 | 0.076200 | 1.0000% | 1995 | 12.993422 | 0.076962 | 0.9992% |
| 1994 | 12.864873 | 0.077731 | 1.0008% | 1993 | 12.737400 | 0.078509 | 1.0000% |
| 1992 | 12.611287 | 0.079294 | 0.9295% | 1991 | 12.495144 | 0.080031 | 1.2505% |
| 1990 | 12.340820 | 0.081032 | 0.7224% | 1989 | 12.252304 | 0.081617 | 1.1077% |
| 1988 | 12.118076 | 0.082521 | 0.8834% | 1987 | 12.011966 | 0.083250 | 0.5594% |
| 1986 | 11.945149 | 0.083716 | 1.3056% | 1985 | 11.791200 | 0.084809 | 0.7673% |
| 1984 | 11.701417 | 0.085460 | 0.8149% | 1983 | 11.606828 | 0.086156 | 0.9737% |
| 1982 | 11.494896 | 0.086995 | 0.9508% | 1981 | 11.386632 | 0.087822 | 0.9031% |
| 1980 | 11.284723 | 0.088615 | 2.2701% | 1979 | 11.034238 | 0.090627 | 1.0042% |
| 1978 | 10.924537 | 0.091537 | 0.9896% | 1977 | 10.817486 | 0.092443 | 0.9103% |
| 1976 | 10.719899 | 0.093284 | 0.8394% | 1975 | 10.630661 | 0.094068 | 0.9042% |
| 1974 | 10.535403 | 0.094918 | 1.1568% | 1973 | 10.414924 | 0.096016 | 0.9427% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 10.317659 | 0.096921 | 0.7426% | 1971 | 10.241601 | 0.097641 | 1.4697% |
| 1970 | 10.093257 | 0.099076 | 0.6968% | 1969 | 10.023412 | 0.099766 | 0.8565% |
| 1968 | 9.938287 | 0.100621 | 1.5090% | 1967 | 9.790544 | 0.102139 | 0.9949% |
| 1966 | 9.694096 | 0.103156 | 1.0575% | 1965 | 9.592657 | 0.104246 | 1.1300% |
| 1964 | 9.485470 | 0.105424 | 1.5537% | 1963 | 9.340353 | 0.107062 | 1.4658% |
| 1962 | 9.205418 | 0.108632 | 1.5364% | 1961 | 9.066123 | 0.110301 | 2.1586% |
| 1960 | 8.874554 | 0.112682 | -1.6655% | 1959 | 9.024861 | 0.110805 | 4.3080% |
| 1958 | 8.652128 | 0.115579 | 2.1130% | 1957 | 8.473095 | 0.118021 | 1.9895% |
| 1956 | 8.307811 | 0.120369 | 2.1231% | 1955 | 8.135096 | 0.122924 | 1.4496% |
| 1954 | 8.018853 | 0.124706 | 2.1573% | 1953 | 7.849519 | 0.127396 | 1.2298% |
| 1952 | 7.754162 | 0.128963 | 1.6814% | 1951 | 7.625941 | 0.131131 | 1.6233% |
| 1950 | 7.504129 | 0.133260 | 1.4265% | 1949 | 7.398585 | 0.135161 | 1.7790% |
| 1948 | 7.269262 | 0.137566 | 1.8242% | 1947 | 7.139035 | 0.140075 | -2.6320% |
| 1946 | 7.332016 | 0.136388 | 3.1768% | 1945 | 7.106264 | 0.140721 | 6.4754% |
| 1944 | 6.674089 | 0.149833 | -0.3437% | 1943 | 6.697106 | 0.149318 | 0.6562% |
| 1942 | 6.653444 | 0.150298 | 0.6633% | 1941 | 6.609603 | 0.151295 | -5.6614% |
| 1940 | 7.006257 | 0.142730 | 8.0381% | 1939 | 6.484987 | 0.154202 | 0.8126% |
| 1938 | 6.432712 | 0.155455 | 0.7762% | 1937 | 6.383163 | 0.156662 | 0.6029% |
| 1936 | 6.344911 | 0.157607 | 0.5244% | 1935 | 6.311813 | 0.158433 | -3.0364% |
| 1934 | 6.509464 | 0.153622 | 4.6271% | 1933 | 6.221584 | 0.160731 | 1.3921% |
| 1932 | 6.136161 | 0.162968 | -0.2051% | 1931 | 6.148771 | 0.162634 | 0.8886% |
| 1930 | 6.094615 | 0.164079 | 1.0126% | 1929 | 6.033520 | 0.165741 | 1.1526% |
| 1928 | 5.964771 | 0.167651 | 1.2160% | 1927 | 5.893110 | 0.169690 | 1.4086% |
| 1926 | 5.811254 | 0.172080 | 1.7667% | 1925 | 5.710370 | 0.175120 | 1.4465% |
| 1924 | 5.628947 | 0.177653 | 1.7700% | 1923 | 5.531049 | 0.180798 | 1.6165% |
| 1922 | 5.443061 | 0.183720 | 1.3736% | 1921 | 5.369305 | 0.186244 | 2.3393% |
| 1920 | 5.246572 | 0.190601 | 1.3140% | 1919 | 5.178525 | 0.193105 | 0.7676% |
| 1918 | 5.139076 | 0.194588 | 0.3870% | 1917 | 5.119265 | 0.195341 | 1.3274% |
| 1916 | 5.052200 | 0.197934 | 1.4083% | 1915 | 4.982038 | 0.200721 | 1.4458% |
| 1914 | 4.911035 | 0.203623 | 1.9424% | 1913 | 4.817461 | 0.207578 | 1.9857% |
| 1912 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 4.723665 | 0.211700 | 1.5634% | 1911 | 4.650951 | 0.215010 | 1.8169% | 1910 |
| 4.567955 | 0.218916 | 1.8781% | 1909 | 4.483748 | 0.223028 | 2.0082% | 1908 |
| 4.395476 | 0.227507 | 1.9603% | 1907 | 4.310970 | 0.231966 | 1.8264% | 1906 |
| 4.233649 | 0.236203 | 1.9357% | 1905 | 4.153255 | 0.240775 | 2.0148% | 1904 |
| 4.071227 | 0.245626 | 2.1335% | 1903 | 3.986181 | 0.250867 | 1.8151% | 1902 |
| 3.915115 | 0.255420 | 1.8943% | 1901 | 3.842328 | 0.260259 | 3.0255% | 1900 |
| 3.729493 | 0.268133 | 0.6278% | 1899 | 3.706223 | 0.269816 | 1.7757% | 1898 |
| 3.641562 | 0.274607 | 1.8078% | 1897 | 3.576900 | 0.279572 | 1.8396% | 1896 |
| 3.512288 | 0.284715 | 1.8755% | 1895 | 3.447627 | 0.290055 | 1.9114% | 1894 |
| 3.382965 | 0.295599 | 1.9486% | 1893 | 3.318303 | 0.301359 | 1.9858% | 1892 |
| 3.253691 | 0.307343 | 2.0276% | 1891 | 3.189030 | 0.313575 | 2.6465% | 1890 |
| 3.106808 | 0.321874 | 1.5328% | 1889 | 3.059905 | 0.326808 | 2.0811% | 1888 |
| 2.997523 | 0.333609 | 2.1599% | 1887 | 2.934149 | 0.340814 | 2.2075% | 1886 |
| 2.870776 | 0.348338 | 2.2592% | 1885 | 2.807353 | 0.356207 | 2.3095% | 1884 |
| 2.743980 | 0.364434 | 2.3641% | 1883 | 2.680606 | 0.373050 | 2.4214% | 1882 |
| 2.617233 | 0.382083 | 2.4815% | 1881 | 2.553860 | 0.391564 | 3.7644% | 1880 |
| 2.461210 | 0.406304 | 0.9432% | 1879 | 2.438212 | 0.410137 | 2.1464% | 1878 |
| 2.386978 | 0.418940 | 2.1913% | 1877 | 2.335794 | 0.428120 | 2.2426% | 1876 |
| 2.284560 | 0.437721 | 2.2941% | 1875 | 2.233327 | 0.447763 | 2.3456% | 1874 |
| 2.182143 | 0.458265 | 2.4043% | 1873 | 2.130909 | 0.469283 | 2.4635% | 1872 |
| 2.079675 | 0.480844 | 2.5258% | 1871 | 2.028441 | 0.492989 | 5.9947% | 1870 |
| 1.913720 | 0.522543 | -1.0968% | 1869 | 1.934942 | 0.516811 | 2.1930% | 1868 |
| 1.893420 | 0.528145 | 2.2394% | 1867 | 1.851947 | 0.539972 | 2.2935% | 1866 |
| 1.810425 | 0.552356 | 2.3445% | 1865 | 1.768953 | 0.565306 | 2.4037% | 1864 |
| 1.727430 | 0.578895 | 2.4599% | 1863 | 1.685958 | 0.593135 | 2.5250% | 1862 |
| 1.644436 | 0.608111 | 2.5872% | 1861 | 1.602963 | 0.623845 | 2.9504% | 1860 |
| 1.557024 | 0.642251 | 2.4012% | 1859 | 1.520513 | 0.657673 | 2.7627% | 1858 |
| 1.479635 | 0.675842 | 2.8412% | 1857 | 1.438757 | 0.695044 | 2.9243% | 1856 |
| 1.397879 | 0.715369 | 3.0161% | 1855 | 1.356952 | 0.736946 | 3.1061% | 1854 |
| 1.316074 | 0.759836 | 3.2056% | 1853 | 1.275196 | 0.784193 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.234318 | 0.810164 | 3.4252% | 1851 | 1.193440 | 0.837914 | 4.0106% | 1850 |
| 1.147421 | 0.871520 | 2.3254% | 1849 | 1.121346 | 0.891786 | 2.7841% | 1848 |
| 1.090972 | 0.916614 | 2.8590% | 1847 | 1.060648 | 0.942820 | 2.9432% | 1846 |
| 1.030324 | 0.970568 | 3.0324% | 1845 | 1.000000 | 1.000000 | 3.1325% | 1844 |
| 0.969626 | 1.031325 | 3.2284% | 1843 | 0.939302 | 1.064620 | 3.3361% | 1842 |
| 0.908978 | 1.100136 | 3.4512% | 1841 | 0.878654 | 1.138104 | 3.8105% | 1840 |
| 0.846402 | 1.181471 | 2.3861% | 1839 | 0.826677 | 1.209662 | 2.5824% | 1838 |
| 0.805867 | 1.240900 | 2.6573% | 1837 | 0.785006 | 1.273875 | 2.7232% | 1836 |
| 0.764196 | 1.308565 | 2.7994% | 1835 | 0.743385 | 1.345198 | 2.8871% | 1834 |
| 0.722525 | 1.384035 | 2.9657% | 1833 | 0.701714 | 1.425081 | 3.0563% | 1832 |
| 0.680904 | 1.468636 | 3.1604% | 1831 | 0.660044 | 1.515051 | 3.4660% | 1830 |
| 0.637933 | 1.567563 | 2.4653% | 1829 | 0.622584 | 1.606208 | 2.6804% | 1828 |
| 0.606332 | 1.649260 | 10.3427% | 1827 | 0.549500 | 1.819838 | -4.2314% | 1826 |
| 0.573779 | 1.742832 | 2.9150% | 1825 | 0.557527 | 1.793637 | 3.0026% | 1824 |
| 0.541274 | 1.847492 | 3.0955% | 1823 | 0.525022 | 1.904681 | 3.1944% | 1822 |
| 0.508770 | 1.965524 | 3.3102% | 1821 | 0.492469 | 2.030587 | 3.2277% | 1820 |
| 0.477070 | 2.096129 | 2.6573% | 1819 | 0.464721 | 2.151829 | 2.6261% | 1818 |
| 0.452829 | 2.208338 | 2.6969% | 1817 | 0.440937 | 2.267895 | 2.7717% | 1816 |
| 0.429046 | 2.330754 | 2.8507% | 1815 | 0.417154 | 2.397197 | 2.9343% | 1814 |
| 0.405262 | 2.467539 | 3.0231% | 1813 | 0.393370 | 2.542134 | 3.1039% | 1812 |
| 0.381528 | 2.621039 | 3.2172% | 1811 | 0.369636 | 2.705362 | 3.0969% | 1810 |
| 0.358533 | 2.789145 | 2.9144% | 1809 | 0.348380 | 2.870431 | 2.8225% | 1808 |
| 0.338817 | 2.951448 | 2.9199% | 1807 | 0.329204 | 3.037628 | 2.9918% | 1806 |
| 0.319641 | 3.128507 | 3.0841% | 1805 | 0.310078 | 3.224992 | 3.1822% | 1804 |
| 0.300515 | 3.327617 | 3.2868% | 1803 | 0.290952 | 3.436989 | 3.3985% | 1802 |
| 0.281389 | 3.553795 | 3.5180% | 1801 | 0.271826 | 3.678819 | 3.3999% | 1800 |
| 0.262888 | 3.803897 | 2.8419% | 1799 | 0.255624 | 3.911998 | 2.7485% | 1798 |
| 0.248786 | 4.019518 | 2.8261% | 1797 | 0.241948 | 4.133115 | 3.7832% | 1796 |
| 0.233129 | 4.289479 | 2.1272% | 1795 | 0.228273 | 4.380725 | 3.0879% | 1794 |
| 0.221435 | 4.515999 | 3.1625% | 1793 | 0.214647 | 4.658818 | 3.2904% | 1792 |

0.207809 4.812113 3.4024% 1791 0.200971 4.975838 3.2296% 1790
0.194684 5.136536 41.3145% 1780 0.137766 7.258668 29.4353% 1770
0.106436 9.395280 83.4728% 1750 0.058012 17.237786 29.2845% 1740
0.044872 22.285777 94.2514% 1720 0.023100 43.290433 85.8111% 1700
0.012432 80.438422 19.2490% 1690 0.010425 95.922053 88.0250% 1670
0.005545 180.357462

BASE YEAR: 1844

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 15.403462 | 0.064920 | 8.2857% | 2001 | 14.224840 | 0.070300 | 1.0000% |
| 2000 | 14.083999 | 0.071003 | 1.0000% | 1999 | 13.944553 | 0.071713 | 1.0000% |
| 1998 | 13.806488 | 0.072430 | 1.0000% | 1997 | 13.669790 | 0.073154 | 1.0000% |
| 1996 | 13.534446 | 0.073886 | 1.0000% | 1995 | 13.400442 | 0.074624 | 0.9992% |
| 1994 | 13.267866 | 0.075370 | 1.0008% | 1993 | 13.136400 | 0.076124 | 1.0000% |
| 1992 | 13.006337 | 0.076886 | 0.9295% | 1991 | 12.886555 | 0.077600 | 1.2505% |
| 1990 | 12.727397 | 0.078571 | 0.7224% | 1989 | 12.636108 | 0.079138 | 1.1077% |
| 1988 | 12.497675 | 0.080015 | 0.8834% | 1987 | 12.388242 | 0.080722 | 0.5594% |
| 1986 | 12.319332 | 0.081173 | 1.3056% | 1985 | 12.160560 | 0.082233 | 0.7673% |
| 1984 | 12.067965 | 0.082864 | 0.8149% | 1983 | 11.970412 | 0.083539 | 0.9737% |
| 1982 | 11.854975 | 0.084353 | 0.9508% | 1981 | 11.743319 | 0.085155 | 0.9031% |
| 1980 | 11.638218 | 0.085924 | 2.2701% | 1979 | 11.379887 | 0.087874 | 1.0042% |
| 1978 | 11.266748 | 0.088757 | 0.9896% | 1977 | 11.156344 | 0.089635 | 0.9103% |
| 1976 | 11.055700 | 0.090451 | 0.8394% | 1975 | 10.963667 | 0.091210 | 0.9042% |
| 1974 | 10.865425 | 0.092035 | 1.1568% | 1973 | 10.741172 | 0.093100 | 0.9427% |
| 1972 | 10.640861 | 0.093977 | 0.7426% | 1971 | 10.562420 | 0.094675 | 1.4697% |
| 1970 | 10.409429 | 0.096067 | 0.6968% | 1969 | 10.337396 | 0.096736 | 0.8565% |
| 1968 | 10.249604 | 0.097565 | 1.5090% | 1967 | 10.097233 | 0.099037 | 0.9949% |
| 1966 | 9.997764 | 0.100022 | 1.0575% | 1965 | 9.893147 | 0.101080 | 1.1300% |
| 1964 | 9.782603 | 0.102222 | 1.5537% | 1963 | 9.632940 | 0.103810 | 1.4658% |
| 1962 | 9.493778 | 0.105332 | 1.5364% | 1961 | 9.350120 | 0.106950 | 2.1586% |
| 1960 | 9.152550 | 0.109259 | -1.6655% | 1959 | 9.307566 | 0.107439 | 4.3080% |
| 1958 | 8.923157 | 0.112068 | 2.1130% | 1957 | 8.738515 | 0.114436 | 1.9895% |
| 1956 | 8.568054 | 0.116713 | 2.1231% | 1955 | 8.389928 | 0.119191 | 1.4496% |
| 1954 | 8.270044 | 0.120918 | 2.1573% | 1953 | 8.095406 | 0.123527 | 1.2298% |
| 1952 | 7.997062 | 0.125046 | 1.6814% | 1951 | 7.864824 | 0.127148 | 1.6233% |
| 1950 | 7.739196 | 0.129212 | 1.4265% | 1949 | 7.630346 | 0.131056 | 1.7790% |
| 1948 | 7.496972 | 0.133387 | 1.8242% | 1947 | 7.362665 | 0.135820 | -2.6320% |
| 1946 | 7.561692 | 0.132246 | 3.1768% | 1945 | 7.328868 | 0.136447 | 6.4754% |
| 1944 | 6.883155 | 0.145282 | -0.3437% | 1943 | 6.906893 | 0.144783 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 6.861864 | 0.145733 | 0.6633% | 1941 | 6.816649 | 0.146700 | -5.6614% | 1940 |
| 7.225728 | 0.138394 | 8.0381% | 1939 | 6.688129 | 0.149519 | 0.8126% | 1938 |
| 6.634217 | 0.150734 | 0.7762% | 1937 | 6.583116 | 0.151904 | 0.6029% | 1936 |
| 6.543666 | 0.152820 | 0.5244% | 1935 | 6.509530 | 0.153621 | -3.0364% | 1934 |
| 6.713373 | 0.148956 | 4.6271% | 1933 | 6.416475 | 0.155849 | 1.3921% | 1932 |
| 6.328377 | 0.158018 | -0.2051% | 1931 | 6.341382 | 0.157694 | 0.8886% | 1930 |
| 6.285529 | 0.159096 | 1.0126% | 1929 | 6.222520 | 0.160707 | 1.1526% | 1928 |
| 6.151617 | 0.162559 | 1.2160% | 1927 | 6.077712 | 0.164536 | 1.4086% | 1926 |
| 5.993292 | 0.166853 | 1.7667% | 1925 | 5.889247 | 0.169801 | 1.4465% | 1924 |
| 5.805274 | 0.172257 | 1.7700% | 1923 | 5.704309 | 0.175306 | 1.6165% | 1922 |
| 5.613565 | 0.178140 | 1.3736% | 1921 | 5.537499 | 0.180587 | 2.3393% | 1920 |
| 5.410921 | 0.184811 | 1.3140% | 1919 | 5.340743 | 0.187240 | 0.7676% | 1918 |
| 5.300057 | 0.188677 | 0.3870% | 1917 | 5.279626 | 0.189407 | 1.3274% | 1916 |
| 5.210460 | 0.191922 | 1.4083% | 1915 | 5.138101 | 0.194624 | 1.4458% | 1914 |
| 5.064873 | 0.197438 | 1.9424% | 1913 | 4.968368 | 0.201273 | 1.9857% | 1912 |
| 4.871634 | 0.205270 | 1.5634% | 1911 | 4.796643 | 0.208479 | 1.8169% | 1910 |
| 4.711047 | 0.212267 | 1.8781% | 1909 | 4.624202 | 0.216254 | 2.0082% | 1908 |
| 4.533165 | 0.220596 | 1.9603% | 1907 | 4.446012 | 0.224921 | 1.8264% | 1906 |
| 4.366268 | 0.229029 | 1.9357% | 1905 | 4.283356 | 0.233462 | 2.0148% | 1904 |
| 4.198758 | 0.238166 | 2.1335% | 1903 | 4.111048 | 0.243247 | 1.8151% | 1902 |
| 4.037757 | 0.247662 | 1.8943% | 1901 | 3.962689 | 0.252354 | 3.0255% | 1900 |
| 3.846319 | 0.259989 | 0.6278% | 1899 | 3.822321 | 0.261621 | 1.7757% | 1898 |
| 3.755634 | 0.266267 | 1.8078% | 1897 | 3.688947 | 0.271080 | 1.8396% | 1896 |
| 3.622311 | 0.276067 | 1.8755% | 1895 | 3.555624 | 0.281245 | 1.9114% | 1894 |
| 3.488937 | 0.286620 | 1.9486% | 1893 | 3.422249 | 0.292205 | 1.9858% | 1892 |
| 3.355613 | 0.298008 | 2.0276% | 1891 | 3.288926 | 0.304051 | 2.6465% | 1890 |
| 3.204129 | 0.312097 | 1.5328% | 1889 | 3.155757 | 0.316881 | 2.0811% | 1888 |
| 3.091420 | 0.323476 | 2.1599% | 1887 | 3.026062 | 0.330463 | 2.2075% | 1886 |
| 2.960703 | 0.337758 | 2.2592% | 1885 | 2.895294 | 0.345388 | 2.3095% | 1884 |
| 2.829935 | 0.353365 | 2.3641% | 1883 | 2.764577 | 0.361719 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.699218 | 0.370478 | 2.4815% | 1881 | 2.633860 | 0.379671 | 3.7644% | 1880 |
| 2.538308 | 0.393963 | 0.9432% | 1879 | 2.514589 | 0.397679 | 2.1464% | 1878 |
| 2.461751 | 0.406215 | 2.1913% | 1877 | 2.408963 | 0.415116 | 2.2426% | 1876 |
| 2.356124 | 0.424426 | 2.2941% | 1875 | 2.303286 | 0.434162 | 2.3456% | 1874 |
| 2.250498 | 0.444346 | 2.4043% | 1873 | 2.197660 | 0.455030 | 2.4635% | 1872 |
| 2.144821 | 0.466239 | 2.5258% | 1871 | 2.091982 | 0.478016 | 5.9947% | 1870 |
| 1.973667 | 0.506671 | -1.0968% | 1869 | 1.995554 | 0.501114 | 2.1930% | 1868 |
| 1.952731 | 0.512103 | 2.2394% | 1867 | 1.909960 | 0.523571 | 2.2935% | 1866 |
| 1.867137 | 0.535579 | 2.3445% | 1865 | 1.824365 | 0.548136 | 2.4037% | 1864 |
| 1.781542 | 0.561311 | 2.4599% | 1863 | 1.738771 | 0.575119 | 2.5250% | 1862 |
| 1.695948 | 0.589641 | 2.5872% | 1861 | 1.653176 | 0.604896 | 2.9504% | 1860 |
| 1.605798 | 0.622743 | 2.4012% | 1859 | 1.568143 | 0.637697 | 2.7627% | 1858 |
| 1.525985 | 0.655314 | 2.8412% | 1857 | 1.483826 | 0.673933 | 2.9243% | 1856 |
| 1.441668 | 0.693641 | 3.0161% | 1855 | 1.399458 | 0.714562 | 3.1061% | 1854 |
| 1.357300 | 0.736757 | 3.2056% | 1853 | 1.315141 | 0.760375 | 3.3118% | 1852 |
| 1.272983 | 0.785557 | 3.4252% | 1851 | 1.230824 | 0.812464 | 4.0106% | 1850 |
| 1.183364 | 0.845048 | 2.3254% | 1849 | 1.156472 | 0.864699 | 2.7841% | 1848 |
| 1.125147 | 0.888773 | 2.8590% | 1847 | 1.093873 | 0.914183 | 2.9432% | 1846 |
| 1.062599 | 0.941089 | 3.0324% | 1845 | 1.031325 | 0.969626 | 3.1325% | 1844 |
| 1.000000 | 1.000000 | 3.2284% | 1843 | 0.968726 | 1.032284 | 3.3361% | 1842 |
| 0.937452 | 1.066721 | 3.4512% | 1841 | 0.906178 | 1.103536 | 3.8105% | 1840 |
| 0.872916 | 1.145586 | 2.3861% | 1839 | 0.852573 | 1.172920 | 2.5824% | 1838 |
| 0.831110 | 1.203210 | 2.6573% | 1837 | 0.809597 | 1.235183 | 2.7232% | 1836 |
| 0.788134 | 1.268819 | 2.7994% | 1835 | 0.766672 | 1.304339 | 2.8871% | 1834 |
| 0.745158 | 1.341997 | 2.9657% | 1833 | 0.723696 | 1.381796 | 3.0563% | 1832 |
| 0.702233 | 1.424029 | 3.1604% | 1831 | 0.680720 | 1.469034 | 3.4660% | 1830 |
| 0.657916 | 1.519950 | 2.4653% | 1829 | 0.642087 | 1.557421 | 2.6804% | 1828 |
| 0.625326 | 1.599166 | 10.3427% | 1827 | 0.566713 | 1.764563 | -4.2314% | 1826 |
| 0.591752 | 1.689896 | 2.9150% | 1825 | 0.574991 | 1.739157 | 3.0026% | 1824 |
| 0.558230 | 1.791377 | 3.0955% | 1823 | 0.541469 | 1.846829 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.524707 | 1.905824 | 3.3102% | 1821 | 0.507895 | 1.968910 | 3.2277% | 1820 |
| 0.492014 | 2.032462 | 2.6573% | 1819 | 0.479278 | 2.086470 | 2.6261% | 1818 |
| 0.467014 | 2.141263 | 2.6969% | 1817 | 0.454750 | 2.199011 | 2.7717% | 1816 |
| 0.442486 | 2.259961 | 2.8507% | 1815 | 0.430221 | 2.324385 | 2.9343% | 1814 |
| 0.417957 | 2.392591 | 3.0231% | 1813 | 0.405693 | 2.464920 | 3.1039% | 1812 |
| 0.393479 | 2.541429 | 3.2172% | 1811 | 0.381215 | 2.623190 | 3.0969% | 1810 |
| 0.369764 | 2.704428 | 2.9144% | 1809 | 0.359293 | 2.783246 | 2.8225% | 1808 |
| 0.349430 | 2.861802 | 2.9199% | 1807 | 0.339517 | 2.945364 | 2.9918% | 1806 |
| 0.329654 | 3.033483 | 3.0841% | 1805 | 0.319792 | 3.127037 | 3.1822% | 1804 |
| 0.309929 | 3.226546 | 3.2868% | 1803 | 0.300066 | 3.332595 | 3.3985% | 1802 |
| 0.290204 | 3.445853 | 3.5180% | 1801 | 0.280341 | 3.567080 | 3.3999% | 1800 |
| 0.271123 | 3.688359 | 2.8419% | 1799 | 0.263631 | 3.793177 | 2.7485% | 1798 |
| 0.256579 | 3.897431 | 2.8261% | 1797 | 0.249527 | 4.007577 | 3.7832% | 1796 |
| 0.240431 | 4.159192 | 2.1272% | 1795 | 0.235423 | 4.247667 | 3.0879% | 1794 |
| 0.228371 | 4.378832 | 3.1625% | 1793 | 0.221371 | 4.517313 | 3.2904% | 1792 |
| 0.214319 | 4.665951 | 3.4024% | 1791 | 0.207267 | 4.824704 | 3.2296% | 1790 |
| 0.200782 | 4.980521 | 41.3145% | 1780 | 0.142082 | 7.038196 | 29.4353% | 1770 |
| 0.109771 | 9.109911 | 83.4728% | 1750 | 0.059829 | 16.714213 | 29.2845% | 1740 |
| 0.046277 | 21.608878 | 94.2514% | 1720 | 0.023823 | 41.975547 | 85.8111% | 1700 |
| 0.012821 | 77.995217 | 19.2490% | 1690 | 0.010752 | 93.008555 | 88.0250% | 1670 |
| 0.005718 | 174.879357 | | | | | | |

BASE YEAR: 1843

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 15.900741 | 0.062890 | 8.2857% | 2001 | 14.684069 | 0.068101 | 1.0000% |
| 2000 | 14.538681 | 0.068782 | 1.0000% | 1999 | 14.394733 | 0.069470 | 1.0000% |
| 1998 | 14.252211 | 0.070165 | 1.0000% | 1997 | 14.111100 | 0.070866 | 1.0000% |
| 1996 | 13.971386 | 0.071575 | 1.0000% | 1995 | 13.833056 | 0.072291 | 0.9992% |
| 1994 | 13.696200 | 0.073013 | 1.0008% | 1993 | 13.560490 | 0.073744 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 13.426228 | 0.074481 | 0.9295% | 1991 | 13.302580 | 0.075173 | 1.2505% |
| 1990 | 13.138283 | 0.076113 | 0.7224% | 1989 | 13.044047 | 0.076663 | 1.1077% |
| 1988 | 12.901145 | 0.077513 | 0.8834% | 1987 | 12.788179 | 0.078197 | 0.5594% |
| 1986 | 12.717044 | 0.078635 | 1.3056% | 1985 | 12.553147 | 0.079661 | 0.7673% |
| 1984 | 12.457562 | 0.080273 | 0.8149% | 1983 | 12.356860 | 0.080927 | 0.9737% |
| 1982 | 12.237696 | 0.081715 | 0.9508% | 1981 | 12.122435 | 0.082492 | 0.9031% |
| 1980 | 12.013941 | 0.083237 | 2.2701% | 1979 | 11.747270 | 0.085126 | 1.0042% |
| 1978 | 11.630480 | 0.085981 | 0.9896% | 1977 | 11.516511 | 0.086832 | 0.9103% |
| 1976 | 11.412618 | 0.087622 | 0.8394% | 1975 | 11.317614 | 0.088358 | 0.9042% |
| 1974 | 11.216200 | 0.089157 | 1.1568% | 1973 | 11.087936 | 0.090188 | 0.9427% |
| 1972 | 10.984386 | 0.091038 | 0.7426% | 1971 | 10.903413 | 0.091714 | 1.4697% |
| 1970 | 10.745483 | 0.093062 | 0.6968% | 1969 | 10.671124 | 0.093711 | 0.8565% |
| 1968 | 10.580498 | 0.094514 | 1.5090% | 1967 | 10.423208 | 0.095940 | 0.9949% |
| 1966 | 10.320528 | 0.096894 | 1.0575% | 1965 | 10.212534 | 0.097919 | 1.1300% |
| 1964 | 10.098420 | 0.099025 | 1.5537% | 1963 | 9.943926 | 0.100564 | 1.4658% |
| 1962 | 9.800272 | 0.102038 | 1.5364% | 1961 | 9.651976 | 0.103606 | 2.1586% |
| 1960 | 9.448027 | 0.105842 | -1.6655% | 1959 | 9.608047 | 0.104079 | 4.3080% |
| 1958 | 9.211228 | 0.108563 | 2.1130% | 1957 | 9.020626 | 0.110857 | 1.9895% |
| 1956 | 8.844662 | 0.113063 | 2.1231% | 1955 | 8.660785 | 0.115463 | 1.4496% |
| 1954 | 8.537031 | 0.117137 | 2.1573% | 1953 | 8.356755 | 0.119664 | 1.2298% |
| 1952 | 8.255236 | 0.121135 | 1.6814% | 1951 | 8.118729 | 0.123172 | 1.6233% |
| 1950 | 7.989045 | 0.125171 | 1.4265% | 1949 | 7.876681 | 0.126957 | 1.7790% |
| 1948 | 7.739001 | 0.129216 | 1.8242% | 1947 | 7.600359 | 0.131573 | -2.6320% |
| 1946 | 7.805811 | 0.128110 | 3.1768% | 1945 | 7.565471 | 0.132179 | 6.4754% |
| 1944 | 7.105368 | 0.140739 | -0.3437% | 1943 | 7.129872 | 0.140255 | 0.6562% |
| 1942 | 7.083389 | 0.141175 | 0.6633% | 1941 | 7.036715 | 0.142112 | -5.6614% |
| 1940 | 7.459001 | 0.134066 | 8.0381% | 1939 | 6.904046 | 0.144843 | 0.8126% |
| 1938 | 6.848394 | 0.146020 | 0.7762% | 1937 | 6.795643 | 0.147153 | 0.6029% |
| 1936 | 6.754919 | 0.148040 | 0.5244% | 1935 | 6.719681 | 0.148817 | -3.0364% |
| 1934 | 6.930105 | 0.144298 | 4.6271% | 1933 | 6.623622 | 0.150975 | 1.3921% |
| 1932 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 6.532679 | 0.153077 | -0.2051% | 1931 | 6.546104 | 0.152763 | 0.8886% | 1930 |
| 6.488448 | 0.154120 | 1.0126% | 1929 | 6.423406 | 0.155681 | 1.1526% | 1928 |
| 6.350214 | 0.157475 | 1.2160% | 1927 | 6.273923 | 0.159390 | 1.4086% | 1926 |
| 6.186777 | 0.161635 | 1.7667% | 1925 | 6.079373 | 0.164491 | 1.4465% | 1924 |
| 5.992689 | 0.166870 | 1.7700% | 1923 | 5.888465 | 0.169824 | 1.6165% | 1922 |
| 5.794791 | 0.172569 | 1.3736% | 1921 | 5.716270 | 0.174939 | 2.3393% | 1920 |
| 5.585605 | 0.179032 | 1.3140% | 1919 | 5.513161 | 0.181384 | 0.7676% | 1918 |
| 5.471162 | 0.182777 | 0.3870% | 1917 | 5.450071 | 0.183484 | 1.3274% | 1916 |
| 5.378673 | 0.185919 | 1.4083% | 1915 | 5.303977 | 0.188538 | 1.4458% | 1914 |
| 5.228385 | 0.191264 | 1.9424% | 1913 | 5.128765 | 0.194979 | 1.9857% | 1912 |
| 5.028908 | 0.198850 | 1.5634% | 1911 | 4.951495 | 0.201959 | 1.8169% | 1910 |
| 4.863136 | 0.205629 | 1.8781% | 1909 | 4.773487 | 0.209490 | 2.0082% | 1908 |
| 4.679512 | 0.213698 | 1.9603% | 1907 | 4.589545 | 0.217887 | 1.8264% | 1906 |
| 4.507227 | 0.221866 | 1.9357% | 1905 | 4.421638 | 0.226161 | 2.0148% | 1904 |
| 4.334309 | 0.230717 | 2.1335% | 1903 | 4.243767 | 0.235640 | 1.8151% | 1902 |
| 4.168110 | 0.239917 | 1.8943% | 1901 | 4.090619 | 0.244462 | 3.0255% | 1900 |
| 3.970492 | 0.251858 | 0.6278% | 1899 | 3.945719 | 0.253439 | 1.7757% | 1898 |
| 3.876879 | 0.257939 | 1.8078% | 1897 | 3.808039 | 0.262602 | 1.8396% | 1896 |
| 3.739252 | 0.267433 | 1.8755% | 1895 | 3.670412 | 0.272449 | 1.9114% | 1894 |
| 3.601572 | 0.277657 | 1.9486% | 1893 | 3.532732 | 0.283067 | 1.9858% | 1892 |
| 3.463945 | 0.288688 | 2.0276% | 1891 | 3.395105 | 0.294542 | 2.6465% | 1890 |
| 3.307569 | 0.302337 | 1.5328% | 1889 | 3.257636 | 0.306971 | 2.0811% | 1888 |
| 3.191222 | 0.313360 | 2.1599% | 1887 | 3.123754 | 0.320128 | 2.2075% | 1886 |
| 3.056285 | 0.327195 | 2.2592% | 1885 | 2.988764 | 0.334586 | 2.3095% | 1884 |
| 2.921296 | 0.342314 | 2.3641% | 1883 | 2.853827 | 0.350407 | 2.4214% | 1882 |
| 2.786359 | 0.358891 | 2.4815% | 1881 | 2.718890 | 0.367797 | 3.7644% | 1880 |
| 2.620253 | 0.381642 | 0.9432% | 1879 | 2.595769 | 0.385242 | 2.1464% | 1878 |
| 2.541225 | 0.393511 | 2.1913% | 1877 | 2.486733 | 0.402134 | 2.2426% | 1876 |
| 2.432189 | 0.411152 | 2.2941% | 1875 | 2.377644 | 0.420584 | 2.3456% | 1874 |
| 2.323152 | 0.430450 | 2.4043% | 1873 | 2.268608 | 0.440799 | 2.4635% | 1872 |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.214063 | 0.451658 | 2.5258% | 1871 | 2.159519 | 0.463066 | 5.9947% | 1870 |
| 2.037384 | 0.490825 | -1.0968% | 1869 | 2.059978 | 0.485442 | 2.1930% | 1868 |
| 2.015773 | 0.496088 | 2.2394% | 1867 | 1.971620 | 0.507197 | 2.2935% | 1866 |
| 1.927415 | 0.518830 | 2.3445% | 1865 | 1.883262 | 0.530994 | 2.4037% | 1864 |
| 1.839057 | 0.543757 | 2.4599% | 1863 | 1.794904 | 0.557133 | 2.5250% | 1862 |
| 1.750699 | 0.571200 | 2.5872% | 1861 | 1.706546 | 0.585979 | 2.9504% | 1860 |
| 1.657639 | 0.603268 | 2.4012% | 1859 | 1.618769 | 0.617753 | 2.7627% | 1858 |
| 1.575249 | 0.634820 | 2.8412% | 1857 | 1.531730 | 0.652857 | 2.9243% | 1856 |
| 1.488210 | 0.671948 | 3.0161% | 1855 | 1.444638 | 0.692215 | 3.1061% | 1854 |
| 1.401118 | 0.713716 | 3.2056% | 1853 | 1.357599 | 0.736595 | 3.3118% | 1852 |
| 1.314079 | 0.760989 | 3.4252% | 1851 | 1.270560 | 0.787055 | 4.0106% | 1850 |
| 1.221567 | 0.818620 | 2.3254% | 1849 | 1.193807 | 0.837656 | 2.7841% | 1848 |
| 1.161471 | 0.860977 | 2.8590% | 1847 | 1.129187 | 0.885593 | 2.9432% | 1846 |
| 1.096904 | 0.911657 | 3.0324% | 1845 | 1.064620 | 0.939302 | 3.1325% | 1844 |
| 1.032284 | 0.968726 | 3.2284% | 1843 | 1.000000 | 1.000000 | 3.3361% | 1842 |
| 0.967716 | 1.033361 | 3.4512% | 1841 | 0.935433 | 1.069024 | 3.8105% | 1840 |
| 0.901097 | 1.109759 | 2.3861% | 1839 | 0.880097 | 1.136238 | 2.5824% | 1838 |
| 0.857942 | 1.165580 | 2.6573% | 1837 | 0.835734 | 1.196554 | 2.7232% | 1836 |
| 0.813578 | 1.229138 | 2.7994% | 1835 | 0.791423 | 1.263547 | 2.8871% | 1834 |
| 0.769215 | 1.300027 | 2.9657% | 1833 | 0.747059 | 1.338582 | 3.0563% | 1832 |
| 0.724904 | 1.379494 | 3.1604% | 1831 | 0.702696 | 1.423091 | 3.4660% | 1830 |
| 0.679156 | 1.472415 | 2.4653% | 1829 | 0.662816 | 1.508715 | 2.6804% | 1828 |
| 0.645514 | 1.549154 | 10.3427% | 1827 | 0.585008 | 1.709378 | -4.2314% | 1826 |
| 0.610856 | 1.637047 | 2.9150% | 1825 | 0.593554 | 1.684767 | 3.0026% | 1824 |
| 0.576252 | 1.735353 | 3.0955% | 1823 | 0.558949 | 1.789071 | 3.1944% | 1822 |
| 0.541647 | 1.846221 | 3.3102% | 1821 | 0.524292 | 1.907335 | 3.2277% | 1820 |
| 0.507898 | 1.968899 | 2.6573% | 1819 | 0.494751 | 2.021218 | 2.6261% | 1818 |
| 0.482091 | 2.074297 | 2.6969% | 1817 | 0.469431 | 2.130239 | 2.7717% | 1816 |
| 0.456771 | 2.189283 | 2.8507% | 1815 | 0.444110 | 2.251693 | 2.9343% | 1814 |
| 0.431450 | 2.317765 | 3.0231% | 1813 | 0.418790 | 2.387832 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 0.406182 | 2.461948 | 3.2172% | 1811 | 0.393522 | 2.541153 | 3.0969% | 1810 |
| 0.381701 | 2.619850 | 2.9144% | 1809 | 0.370892 | 2.696203 | 2.8225% | 1808 |
| 0.360711 | 2.772302 | 2.9199% | 1807 | 0.350477 | 2.853251 | 2.9918% | 1806 |
| 0.340296 | 2.938614 | 3.0841% | 1805 | 0.330116 | 3.029243 | 3.1822% | 1804 |
| 0.319935 | 3.125639 | 3.2868% | 1803 | 0.309754 | 3.228372 | 3.3985% | 1802 |
| 0.299573 | 3.338088 | 3.5180% | 1801 | 0.289392 | 3.455523 | 3.3999% | 1800 |
| 0.279876 | 3.573009 | 2.8419% | 1799 | 0.272142 | 3.674549 | 2.7485% | 1798 |
| 0.264863 | 3.775543 | 2.8261% | 1797 | 0.257583 | 3.882245 | 3.7832% | 1796 |
| 0.248193 | 4.029118 | 2.1272% | 1795 | 0.243024 | 4.114825 | 3.0879% | 1794 |
| 0.235744 | 4.241889 | 3.1625% | 1793 | 0.228517 | 4.376039 | 3.2904% | 1792 |
| 0.221238 | 4.520029 | 3.4024% | 1791 | 0.213958 | 4.673817 | 3.2296% | 1790 |
| 0.207264 | 4.824760 | 41.3145% | 1780 | 0.146669 | 6.818084 | 29.4353% | 1770 |
| 0.113314 | 8.825008 | 83.4728% | 1750 | 0.061761 | 16.191493 | 29.2845% | 1740 |
| 0.047771 | 20.933083 | 94.2514% | 1720 | 0.024592 | 40.662806 | 85.8111% | 1700 |
| 0.013235 | 75.555998 | 19.2490% | 1690 | 0.011099 | 90.099810 | 88.0250% | 1670 |
| 0.005903 | 169.410188 | | | | | | |

BASE YEAR: 1842

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 16.431199 | 0.060860 | 8.2857% | 2001 | 15.173938 | 0.065902 | 1.0000% |
| 2000 | 15.023700 | 0.066562 | 1.0000% | 1999 | 14.874950 | 0.067227 | 1.0000% |
| 1998 | 14.727673 | 0.067899 | 1.0000% | 1997 | 14.581855 | 0.068578 | 1.0000% |
| 1996 | 14.437480 | 0.069264 | 1.0000% | 1995 | 14.294535 | 0.069957 | 0.9992% |
| 1994 | 14.153114 | 0.070656 | 1.0008% | 1993 | 14.012876 | 0.071363 | 1.0000% |
| 1992 | 13.874135 | 0.072077 | 0.9295% | 1991 | 13.746361 | 0.072747 | 1.2505% |
| 1990 | 13.576584 | 0.073656 | 0.7224% | 1989 | 13.479204 | 0.074188 | 1.1077% |
| 1988 | 13.331534 | 0.075010 | 0.8834% | 1987 | 13.214800 | 0.075673 | 0.5594% |
| 1986 | 13.141292 | 0.076096 | 1.3056% | 1985 | 12.971927 | 0.077090 | 0.7673% |
| 1984 | 12.873153 | 0.077681 | 0.8149% | 1983 | 12.769092 | 0.078314 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 12.645953 | 0.079077 | 0.9508% | 1981 | 12.526847 | 0.079829 | 0.9031% |
| 1980 | 12.414733 | 0.080549 | 2.2701% | 1979 | 12.139166 | 0.082378 | 1.0042% |
| 1978 | 12.018479 | 0.083205 | 0.9896% | 1977 | 11.900709 | 0.084029 | 0.9103% |
| 1976 | 11.793350 | 0.084794 | 0.8394% | 1975 | 11.695176 | 0.085505 | 0.9042% |
| 1974 | 11.590379 | 0.086278 | 1.1568% | 1973 | 11.457836 | 0.087277 | 0.9427% |
| 1972 | 11.350831 | 0.088099 | 0.7426% | 1971 | 11.267157 | 0.088754 | 1.4697% |
| 1970 | 11.103958 | 0.090058 | 0.6968% | 1969 | 11.027119 | 0.090686 | 0.8565% |
| 1968 | 10.933470 | 0.091462 | 1.5090% | 1967 | 10.770932 | 0.092842 | 0.9949% |
| 1966 | 10.664827 | 0.093766 | 1.0575% | 1965 | 10.553230 | 0.094758 | 1.1300% |
| 1964 | 10.435309 | 0.095828 | 1.5537% | 1963 | 10.275661 | 0.097317 | 1.4658% |
| 1962 | 10.127214 | 0.098744 | 1.5364% | 1961 | 9.973971 | 0.100261 | 2.1586% |
| 1960 | 9.763218 | 0.102425 | -1.6655% | 1959 | 9.928577 | 0.100719 | 4.3080% |
| 1958 | 9.518520 | 0.105058 | 2.1130% | 1957 | 9.321559 | 0.107278 | 1.9895% |
| 1956 | 9.139725 | 0.109412 | 2.1231% | 1955 | 8.949714 | 0.111735 | 1.4496% |
| 1954 | 8.821832 | 0.113355 | 2.1573% | 1953 | 8.635541 | 0.115801 | 1.2298% |
| 1952 | 8.530635 | 0.117225 | 1.6814% | 1951 | 8.389575 | 0.119196 | 1.6233% |
| 1950 | 8.255564 | 0.121130 | 1.4265% | 1949 | 8.139452 | 0.122858 | 1.7790% |
| 1948 | 7.997179 | 0.125044 | 1.8242% | 1947 | 7.853911 | 0.127325 | -2.6320% |
| 1946 | 8.066217 | 0.123974 | 3.1768% | 1945 | 7.817859 | 0.127912 | 6.4754% |
| 1944 | 7.342408 | 0.136195 | -0.3437% | 1943 | 7.367729 | 0.135727 | 0.6562% |
| 1942 | 7.319695 | 0.136618 | 0.6633% | 1941 | 7.271464 | 0.137524 | -5.6614% |
| 1940 | 7.707837 | 0.129738 | 8.0381% | 1939 | 7.134369 | 0.140167 | 0.8126% |
| 1938 | 7.076860 | 0.141306 | 0.7762% | 1937 | 7.022349 | 0.142402 | 0.6029% |
| 1936 | 6.980267 | 0.143261 | 0.5244% | 1935 | 6.943854 | 0.144012 | -3.0364% |
| 1934 | 7.161297 | 0.139640 | 4.6271% | 1933 | 6.844590 | 0.146101 | 1.3921% |
| 1932 | 6.750613 | 0.148135 | -0.2051% | 1931 | 6.764486 | 0.147831 | 0.8886% |
| 1930 | 6.704907 | 0.149145 | 1.0126% | 1929 | 6.637694 | 0.150655 | 1.1526% |
| 1928 | 6.562061 | 0.152391 | 1.2160% | 1927 | 6.483224 | 0.154244 | 1.4086% |
| 1926 | 6.393171 | 0.156417 | 1.7667% | 1925 | 6.282185 | 0.159180 | 1.4465% |
| 1924 | 6.192608 | 0.161483 | 1.7700% | 1923 | 6.084907 | 0.164341 | 1.6165% |
| 1922 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 5.988108 | 0.166998 | 1.3736% | 1921 | 5.906968 | 0.169292 | 2.3393% | 1920 |
| 5.771944 | 0.173252 | 1.3140% | 1919 | 5.697084 | 0.175528 | 0.7676% | 1918 |
| 5.653684 | 0.176876 | 0.3870% | 1917 | 5.631889 | 0.177560 | 1.3274% | 1916 |
| 5.558108 | 0.179917 | 1.4083% | 1915 | 5.480921 | 0.182451 | 1.4458% | 1914 |
| 5.402807 | 0.185089 | 1.9424% | 1913 | 5.299864 | 0.188684 | 1.9857% | 1912 |
| 5.196675 | 0.192431 | 1.5634% | 1911 | 5.116680 | 0.195439 | 1.8169% | 1910 |
| 5.025373 | 0.198990 | 1.8781% | 1909 | 4.932734 | 0.202727 | 2.0082% | 1908 |
| 4.835623 | 0.206799 | 1.9603% | 1907 | 4.742655 | 0.210852 | 1.8264% | 1906 |
| 4.657591 | 0.214703 | 1.9357% | 1905 | 4.569147 | 0.218859 | 2.0148% | 1904 |
| 4.478904 | 0.223269 | 2.1335% | 1903 | 4.385342 | 0.228032 | 1.8151% | 1902 |
| 4.307160 | 0.232172 | 1.8943% | 1901 | 4.227085 | 0.236570 | 3.0255% | 1900 |
| 4.102950 | 0.243727 | 0.6278% | 1899 | 4.077351 | 0.245257 | 1.7757% | 1898 |
| 4.006214 | 0.249612 | 1.8078% | 1897 | 3.935078 | 0.254125 | 1.8396% | 1896 |
| 3.863996 | 0.258799 | 1.8755% | 1895 | 3.792859 | 0.263653 | 1.9114% | 1894 |
| 3.721723 | 0.268693 | 1.9486% | 1893 | 3.650586 | 0.273929 | 1.9858% | 1892 |
| 3.579504 | 0.279368 | 2.0276% | 1891 | 3.508367 | 0.285033 | 2.6465% | 1890 |
| 3.417912 | 0.292576 | 1.5328% | 1889 | 3.366312 | 0.297061 | 2.0811% | 1888 |
| 3.297683 | 0.303243 | 2.1599% | 1887 | 3.227964 | 0.309793 | 2.2075% | 1886 |
| 3.158245 | 0.316632 | 2.2592% | 1885 | 3.088471 | 0.323785 | 2.3095% | 1884 |
| 3.018752 | 0.331263 | 2.3641% | 1883 | 2.949032 | 0.339094 | 2.4214% | 1882 |
| 2.879313 | 0.347305 | 2.4815% | 1881 | 2.809594 | 0.355923 | 3.7644% | 1880 |
| 2.707667 | 0.369322 | 0.9432% | 1879 | 2.682366 | 0.372805 | 2.1464% | 1878 |
| 2.626002 | 0.380807 | 2.1913% | 1877 | 2.569692 | 0.389152 | 2.2426% | 1876 |
| 2.513328 | 0.397879 | 2.2941% | 1875 | 2.456964 | 0.407006 | 2.3456% | 1874 |
| 2.400654 | 0.416553 | 2.4043% | 1873 | 2.344290 | 0.426568 | 2.4635% | 1872 |
| 2.287926 | 0.437077 | 2.5258% | 1871 | 2.231562 | 0.448117 | 5.9947% | 1870 |
| 2.105353 | 0.474980 | -1.0968% | 1869 | 2.128700 | 0.469770 | 2.1930% | 1868 |
| 2.083020 | 0.480072 | 2.2394% | 1867 | 2.037394 | 0.490823 | 2.2935% | 1866 |
| 1.991714 | 0.502080 | 2.3445% | 1865 | 1.946089 | 0.513851 | 2.4037% | 1864 |
| 1.900409 | 0.526203 | 2.4599% | 1863 | 1.854783 | 0.539147 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.809103 | 0.552760 | 2.5872% | 1861 | 1.763478 | 0.567061 | 2.9504% | 1860 |
| 1.712939 | 0.583792 | 2.4012% | 1859 | 1.672772 | 0.597810 | 2.7627% | 1858 |
| 1.627800 | 0.614326 | 2.8412% | 1857 | 1.582829 | 0.631780 | 2.9243% | 1856 |
| 1.537858 | 0.650255 | 3.0161% | 1855 | 1.492832 | 0.669868 | 3.1061% | 1854 |
| 1.447860 | 0.690674 | 3.2056% | 1853 | 1.402889 | 0.712815 | 3.3118% | 1852 |
| 1.357918 | 0.736422 | 3.4252% | 1851 | 1.312946 | 0.761646 | 4.0106% | 1850 |
| 1.262320 | 0.792192 | 2.3254% | 1849 | 1.233633 | 0.810614 | 2.7841% | 1848 |
| 1.200218 | 0.833182 | 2.8590% | 1847 | 1.166857 | 0.857003 | 2.9432% | 1846 |
| 1.133497 | 0.882226 | 3.0324% | 1845 | 1.100136 | 0.908978 | 3.1325% | 1844 |
| 1.066721 | 0.937452 | 3.2284% | 1843 | 1.033361 | 0.967716 | 3.3361% | 1842 |
| 1.000000 | 1.000000 | 3.4512% | 1841 | 0.966639 | 1.034512 | 3.8105% | 1840 |
| 0.931158 | 1.073932 | 2.3861% | 1839 | 0.909458 | 1.099556 | 2.5824% | 1838 |
| 0.886563 | 1.127951 | 2.6573% | 1837 | 0.863614 | 1.157925 | 2.7232% | 1836 |
| 0.840720 | 1.189457 | 2.7994% | 1835 | 0.817825 | 1.222755 | 2.8871% | 1834 |
| 0.794876 | 1.258058 | 2.9657% | 1833 | 0.771981 | 1.295368 | 3.0563% | 1832 |
| 0.749087 | 1.334959 | 3.1604% | 1831 | 0.726138 | 1.377149 | 3.4660% | 1830 |
| 0.701813 | 1.424880 | 2.4653% | 1829 | 0.684928 | 1.460008 | 2.6804% | 1828 |
| 0.667048 | 1.499142 | 10.3427% | 1827 | 0.604524 | 1.654193 | -4.2314% | 1826 |
| 0.631235 | 1.584197 | 2.9150% | 1825 | 0.613355 | 1.630377 | 3.0026% | 1824 |
| 0.595476 | 1.679330 | 3.0955% | 1823 | 0.577596 | 1.731314 | 3.1944% | 1822 |
| 0.559717 | 1.786619 | 3.3102% | 1821 | 0.541783 | 1.845759 | 3.2277% | 1820 |
| 0.524842 | 1.905335 | 2.6573% | 1819 | 0.511256 | 1.955965 | 2.6261% | 1818 |
| 0.498174 | 2.007331 | 2.6969% | 1817 | 0.485091 | 2.061468 | 2.7717% | 1816 |
| 0.472009 | 2.118605 | 2.8507% | 1815 | 0.458926 | 2.179000 | 2.9343% | 1814 |
| 0.445844 | 2.242939 | 3.0231% | 1813 | 0.432761 | 2.310744 | 3.1039% | 1812 |
| 0.419733 | 2.382468 | 3.2172% | 1811 | 0.406650 | 2.459115 | 3.0969% | 1810 |
| 0.394435 | 2.535272 | 2.9144% | 1809 | 0.383265 | 2.609159 | 2.8225% | 1808 |
| 0.372745 | 2.682802 | 2.9199% | 1807 | 0.362170 | 2.761138 | 2.9918% | 1806 |
| 0.351649 | 2.843745 | 3.0841% | 1805 | 0.341128 | 2.931448 | 3.1822% | 1804 |
| 0.330608 | 3.024732 | 3.2868% | 1803 | 0.320087 | 3.124149 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.309567 | 3.230322 | 3.5180% | 1801 | 0.299046 | 3.343966 | 3.3999% | 1800 |
| 0.289213 | 3.457660 | 2.8419% | 1799 | 0.281221 | 3.555922 | 2.7485% | 1798 |
| 0.273699 | 3.653655 | 2.8261% | 1797 | 0.266176 | 3.756912 | 3.7832% | 1796 |
| 0.256473 | 3.899044 | 2.1272% | 1795 | 0.251131 | 3.981984 | 3.0879% | 1794 |
| 0.243609 | 4.104945 | 3.1625% | 1793 | 0.236141 | 4.234765 | 3.2904% | 1792 |
| 0.228618 | 4.374106 | 3.4024% | 1791 | 0.221096 | 4.522929 | 3.2296% | 1790 |
| 0.214179 | 4.669000 | 41.3145% | 1780 | 0.151562 | 6.597972 | 29.4353% | 1770 |
| 0.117095 | 8.540105 | 83.4728% | 1750 | 0.063821 | 15.668773 | 29.2845% | 1740 |
| 0.049365 | 20.257288 | 94.2514% | 1720 | 0.025413 | 39.350064 | 85.8111% | 1700 |
| 0.013677 | 73.116780 | 19.2490% | 1690 | 0.011469 | 87.191065 | 88.0250% | 1670 |
| 0.006100 | 163.941019 | | | | | | |

BASE YEAR: 1841

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 16.998272 | 0.058830 | 8.2857% | 2001 | 15.697620 | 0.063704 | 1.0000% |
| 2000 | 15.542197 | 0.064341 | 1.0000% | 1999 | 15.388313 | 0.064984 | 1.0000% |
| 1998 | 15.235954 | 0.065634 | 1.0000% | 1997 | 15.085103 | 0.066291 | 1.0000% |
| 1996 | 14.935745 | 0.066953 | 1.0000% | 1995 | 14.787867 | 0.067623 | 0.9992% |
| 1994 | 14.641565 | 0.068299 | 1.0008% | 1993 | 14.496487 | 0.068982 | 1.0000% |
| 1992 | 14.352958 | 0.069672 | 0.9295% | 1991 | 14.220775 | 0.070320 | 1.2505% |
| 1990 | 14.045138 | 0.071199 | 0.7224% | 1989 | 13.944397 | 0.071713 | 1.1077% |
| 1988 | 13.791631 | 0.072508 | 0.8834% | 1987 | 13.670868 | 0.073148 | 0.5594% |
| 1986 | 13.594823 | 0.073557 | 1.3056% | 1985 | 13.419613 | 0.074518 | 0.7673% |
| 1984 | 13.317431 | 0.075090 | 0.8149% | 1983 | 13.209778 | 0.075701 | 0.9737% |
| 1982 | 13.082389 | 0.076439 | 0.9508% | 1981 | 12.959172 | 0.077165 | 0.9031% |
| 1980 | 12.843190 | 0.077862 | 2.2701% | 1979 | 12.558112 | 0.079630 | 1.0042% |
| 1978 | 12.433260 | 0.080429 | 0.9896% | 1977 | 12.311425 | 0.081225 | 0.9103% |
| 1976 | 12.200361 | 0.081965 | 0.8394% | 1975 | 12.098799 | 0.082653 | 0.9042% |
| 1974 | 11.990385 | 0.083400 | 1.1568% | 1973 | 11.853268 | 0.084365 | 0.9427% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 11.742570 | 0.085160 | 0.7426% | 1971 | 11.656009 | 0.085793 | 1.4697% |
| 1970 | 11.487177 | 0.087054 | 0.6968% | 1969 | 11.407686 | 0.087660 | 0.8565% |
| 1968 | 11.310805 | 0.088411 | 1.5090% | 1967 | 11.142658 | 0.089745 | 0.9949% |
| 1966 | 11.032891 | 0.090638 | 1.0575% | 1965 | 10.917442 | 0.091597 | 1.1300% |
| 1964 | 10.795452 | 0.092632 | 1.5537% | 1963 | 10.630294 | 0.094071 | 1.4658% |
| 1962 | 10.476724 | 0.095450 | 1.5364% | 1961 | 10.318192 | 0.096916 | 2.1586% |
| 1960 | 10.100166 | 0.099008 | -1.6655% | 1959 | 10.271232 | 0.097359 | 4.3080% |
| 1958 | 9.847023 | 0.101554 | 2.1130% | 1957 | 9.643264 | 0.103699 | 1.9895% |
| 1956 | 9.455154 | 0.105762 | 2.1231% | 1955 | 9.258586 | 0.108008 | 1.4496% |
| 1954 | 9.126290 | 0.109574 | 2.1573% | 1953 | 8.933570 | 0.111937 | 1.2298% |
| 1952 | 8.825044 | 0.113314 | 1.6814% | 1951 | 8.679115 | 0.115219 | 1.6233% |
| 1950 | 8.540480 | 0.117089 | 1.4265% | 1949 | 8.420360 | 0.118760 | 1.7790% |
| 1948 | 8.273177 | 0.120873 | 1.8242% | 1947 | 8.124965 | 0.123077 | -2.6320% |
| 1946 | 8.344598 | 0.119838 | 3.1768% | 1945 | 8.087668 | 0.123645 | 6.4754% |
| 1944 | 7.595808 | 0.131652 | -0.3437% | 1943 | 7.622003 | 0.131199 | 0.6562% |
| 1942 | 7.572312 | 0.132060 | 0.6633% | 1941 | 7.522416 | 0.132936 | -5.6614% |
| 1940 | 7.973850 | 0.125410 | 8.0381% | 1939 | 7.380590 | 0.135491 | 0.8126% |
| 1938 | 7.321096 | 0.136592 | 0.7762% | 1937 | 7.264704 | 0.137652 | 0.6029% |
| 1936 | 7.221170 | 0.138482 | 0.5244% | 1935 | 7.183500 | 0.139208 | -3.0364% |
| 1934 | 7.408448 | 0.134981 | 4.6271% | 1933 | 7.080810 | 0.141227 | 1.3921% |
| 1932 | 6.983590 | 0.143193 | -0.2051% | 1931 | 6.997942 | 0.142899 | 0.8886% |
| 1930 | 6.936306 | 0.144169 | 1.0126% | 1929 | 6.866774 | 0.145629 | 1.1526% |
| 1928 | 6.788530 | 0.147307 | 1.2160% | 1927 | 6.706973 | 0.149099 | 1.4086% |
| 1926 | 6.613812 | 0.151199 | 1.7667% | 1925 | 6.498995 | 0.153870 | 1.4465% |
| 1924 | 6.406327 | 0.156096 | 1.7700% | 1923 | 6.294909 | 0.158859 | 1.6165% |
| 1922 | 6.194770 | 0.161427 | 1.3736% | 1921 | 6.110828 | 0.163644 | 2.3393% |
| 1920 | 5.971145 | 0.167472 | 1.3140% | 1919 | 5.893701 | 0.169673 | 0.7676% |
| 1918 | 5.848803 | 0.170975 | 0.3870% | 1917 | 5.826256 | 0.171637 | 1.3274% |
| 1916 | 5.749930 | 0.173915 | 1.4083% | 1915 | 5.670078 | 0.176364 | 1.4458% |
| 1914 | 5.589269 | 0.178914 | 1.9424% | 1913 | 5.482772 | 0.182389 | 1.9857% |
| 1912 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 5.376022 | 0.186011 | 1.5634% | 1911 | 5.293267 | 0.188919 | 1.8169% | 1910 |
| 5.198809 | 0.192352 | 1.8781% | 1909 | 5.102972 | 0.195964 | 2.0082% | 1908 |
| 5.002509 | 0.199900 | 1.9603% | 1907 | 4.906333 | 0.203818 | 1.8264% | 1906 |
| 4.818333 | 0.207541 | 1.9357% | 1905 | 4.726837 | 0.211558 | 2.0148% | 1904 |
| 4.633480 | 0.215821 | 2.1335% | 1903 | 4.536688 | 0.220425 | 1.8151% | 1902 |
| 4.455809 | 0.224426 | 1.8943% | 1901 | 4.372970 | 0.228678 | 3.0255% | 1900 |
| 4.244551 | 0.235596 | 0.6278% | 1899 | 4.218068 | 0.237075 | 1.7757% | 1898 |
| 4.144476 | 0.241285 | 1.8078% | 1897 | 4.070885 | 0.245647 | 1.8396% | 1896 |
| 3.997350 | 0.250166 | 1.8755% | 1895 | 3.923758 | 0.254858 | 1.9114% | 1894 |
| 3.850166 | 0.259729 | 1.9486% | 1893 | 3.776575 | 0.264790 | 1.9858% | 1892 |
| 3.703040 | 0.270048 | 2.0276% | 1891 | 3.629448 | 0.275524 | 2.6465% | 1890 |
| 3.535871 | 0.282816 | 1.5328% | 1889 | 3.482490 | 0.287151 | 2.0811% | 1888 |
| 3.411493 | 0.293127 | 2.1599% | 1887 | 3.339367 | 0.299458 | 2.2075% | 1886 |
| 3.267242 | 0.306069 | 2.2592% | 1885 | 3.195060 | 0.312983 | 2.3095% | 1884 |
| 3.122935 | 0.320212 | 2.3641% | 1883 | 3.050809 | 0.327782 | 2.4214% | 1882 |
| 2.978684 | 0.335719 | 2.4815% | 1881 | 2.906558 | 0.344050 | 3.7644% | 1880 |
| 2.801113 | 0.357001 | 0.9432% | 1879 | 2.774939 | 0.360368 | 2.1464% | 1878 |
| 2.716630 | 0.368103 | 2.1913% | 1877 | 2.658377 | 0.376169 | 2.2426% | 1876 |
| 2.600068 | 0.384605 | 2.2941% | 1875 | 2.541758 | 0.393428 | 2.3456% | 1874 |
| 2.483505 | 0.402657 | 2.4043% | 1873 | 2.425196 | 0.412338 | 2.4635% | 1872 |
| 2.366887 | 0.422496 | 2.5258% | 1871 | 2.308577 | 0.433167 | 5.9947% | 1870 |
| 2.178012 | 0.459134 | -1.0968% | 1869 | 2.202165 | 0.454098 | 2.1930% | 1868 |
| 2.154909 | 0.464057 | 2.2394% | 1867 | 2.107709 | 0.474449 | 2.2935% | 1866 |
| 2.060452 | 0.485330 | 2.3445% | 1865 | 2.013252 | 0.496709 | 2.4037% | 1864 |
| 1.965996 | 0.508648 | 2.4599% | 1863 | 1.918795 | 0.521160 | 2.5250% | 1862 |
| 1.871539 | 0.534320 | 2.5872% | 1861 | 1.824339 | 0.548144 | 2.9504% | 1860 |
| 1.772056 | 0.564316 | 2.4012% | 1859 | 1.730502 | 0.577867 | 2.7627% | 1858 |
| 1.683979 | 0.593832 | 2.8412% | 1857 | 1.637456 | 0.610704 | 2.9243% | 1856 |
| 1.590932 | 0.628562 | 3.0161% | 1855 | 1.544352 | 0.647521 | 3.1061% | 1854 |
| 1.497829 | 0.667633 | 3.2056% | 1853 | 1.451305 | 0.689035 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.404782 | 0.711854 | 3.4252% | 1851 | 1.358259 | 0.736237 | 4.0106% | 1850 |
| 1.305885 | 0.765764 | 2.3254% | 1849 | 1.276208 | 0.783571 | 2.7841% | 1848 |
| 1.241640 | 0.805387 | 2.8590% | 1847 | 1.207128 | 0.828413 | 2.9432% | 1846 |
| 1.172616 | 0.852794 | 3.0324% | 1845 | 1.138104 | 0.878654 | 3.1325% | 1844 |
| 1.103536 | 0.906178 | 3.2284% | 1843 | 1.069024 | 0.935433 | 3.3361% | 1842 |
| 1.034512 | 0.966639 | 3.4512% | 1841 | 1.000000 | 1.000000 | 3.8105% | 1840 |
| 0.963294 | 1.038105 | 2.3861% | 1839 | 0.940845 | 1.062875 | 2.5824% | 1838 |
| 0.917160 | 1.090322 | 2.6573% | 1837 | 0.893419 | 1.119296 | 2.7232% | 1836 |
| 0.869734 | 1.149776 | 2.7994% | 1835 | 0.846050 | 1.181964 | 2.8871% | 1834 |
| 0.822309 | 1.216088 | 2.9657% | 1833 | 0.798624 | 1.252154 | 3.0563% | 1832 |
| 0.774939 | 1.290424 | 3.1604% | 1831 | 0.751198 | 1.331206 | 3.4660% | 1830 |
| 0.726034 | 1.377346 | 2.4653% | 1829 | 0.708566 | 1.411301 | 2.6804% | 1828 |
| 0.690069 | 1.449130 | 10.3427% | 1827 | 0.625388 | 1.599008 | -4.2314% | 1826 |
| 0.653020 | 1.531347 | 2.9150% | 1825 | 0.634523 | 1.575986 | 3.0026% | 1824 |
| 0.616027 | 1.623306 | 3.0955% | 1823 | 0.597530 | 1.673556 | 3.1944% | 1822 |
| 0.579033 | 1.727016 | 3.3102% | 1821 | 0.560480 | 1.784184 | 3.2277% | 1820 |
| 0.542955 | 1.841772 | 2.6573% | 1819 | 0.528901 | 1.890713 | 2.6261% | 1818 |
| 0.515367 | 1.940365 | 2.6969% | 1817 | 0.501833 | 1.992696 | 2.7717% | 1816 |
| 0.488299 | 2.047927 | 2.8507% | 1815 | 0.474765 | 2.106307 | 2.9343% | 1814 |
| 0.461230 | 2.168113 | 3.0231% | 1813 | 0.447696 | 2.233657 | 3.1039% | 1812 |
| 0.434219 | 2.302987 | 3.2172% | 1811 | 0.420685 | 2.377078 | 3.0969% | 1810 |
| 0.408048 | 2.450694 | 2.9144% | 1809 | 0.396492 | 2.522116 | 2.8225% | 1808 |
| 0.385609 | 2.593302 | 2.9199% | 1807 | 0.374669 | 2.669025 | 2.9918% | 1806 |
| 0.363785 | 2.748876 | 3.0841% | 1805 | 0.352901 | 2.833653 | 3.1822% | 1804 |
| 0.342018 | 2.923825 | 3.2868% | 1803 | 0.331134 | 3.019925 | 3.3985% | 1802 |
| 0.320250 | 3.122557 | 3.5180% | 1801 | 0.309367 | 3.232410 | 3.3999% | 1800 |
| 0.299194 | 3.342310 | 2.8419% | 1799 | 0.290927 | 3.437294 | 2.7485% | 1798 |
| 0.283144 | 3.531767 | 2.8261% | 1797 | 0.275362 | 3.631579 | 3.7832% | 1796 |
| 0.265325 | 3.768969 | 2.1272% | 1795 | 0.259798 | 3.849143 | 3.0879% | 1794 |
| 0.252016 | 3.968002 | 3.1625% | 1793 | 0.244290 | 4.093490 | 3.2904% | 1792 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.236508 | 4.228183 | 3.4024% | 1791 | 0.228726 | 4.372041 | 3.2296% | 1790 |
| 0.221570 | 4.513239 | 41.3145% | 1780 | 0.156792 | 6.377859 | 29.4353% | 1770 |
| 0.121136 | 8.255202 | 83.4728% | 1750 | 0.066024 | 15.146054 | 29.2845% | 1740 |
| 0.051069 | 19.581493 | 94.2514% | 1720 | 0.026290 | 38.037323 | 85.8111% | 1700 |
| 0.014149 | 70.677561 | 19.2490% | 1690 | 0.011865 | 84.282319 | 88.0250% | 1670 |
| 0.006310 | 158.471850 | | | | | | |

BASE YEAR: 1840

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 17.645989 | 0.056670 | 8.2857% | 2001 | 16.295776 | 0.061366 | 1.0000% |
| 2000 | 16.134430 | 0.061979 | 1.0000% | 1999 | 15.974683 | 0.062599 | 1.0000% |
| 1998 | 15.816518 | 0.063225 | 1.0000% | 1997 | 15.659919 | 0.063857 | 1.0000% |
| 1996 | 15.504870 | 0.064496 | 1.0000% | 1995 | 15.351357 | 0.065141 | 0.9992% |
| 1994 | 15.199480 | 0.065792 | 1.0008% | 1993 | 15.048874 | 0.066450 | 1.0000% |
| 1992 | 14.899876 | 0.067115 | 0.9295% | 1991 | 14.762656 | 0.067738 | 1.2505% |
| 1990 | 14.580327 | 0.068586 | 0.7224% | 1989 | 14.475747 | 0.069081 | 1.1077% |
| 1988 | 14.317160 | 0.069846 | 0.8834% | 1987 | 14.191795 | 0.070463 | 0.5594% |
| 1986 | 14.112852 | 0.070857 | 1.3056% | 1985 | 13.930966 | 0.071783 | 0.7673% |
| 1984 | 13.824890 | 0.072333 | 0.8149% | 1983 | 13.713135 | 0.072923 | 0.9737% |
| 1982 | 13.580892 | 0.073633 | 0.9508% | 1981 | 13.452980 | 0.074333 | 0.9031% |
| 1980 | 13.332578 | 0.075004 | 2.2701% | 1979 | 13.036637 | 0.076707 | 1.0042% |
| 1978 | 12.907028 | 0.077477 | 0.9896% | 1977 | 12.780550 | 0.078244 | 0.9103% |
| 1976 | 12.665254 | 0.078956 | 0.8394% | 1975 | 12.559822 | 0.079619 | 0.9042% |
| 1974 | 12.447277 | 0.080339 | 1.1568% | 1973 | 12.304935 | 0.081268 | 0.9427% |
| 1972 | 12.190020 | 0.082034 | 0.7426% | 1971 | 12.100159 | 0.082644 | 1.4697% |
| 1970 | 11.924895 | 0.083858 | 0.6968% | 1969 | 11.842375 | 0.084443 | 0.8565% |
| 1968 | 11.741802 | 0.085166 | 1.5090% | 1967 | 11.567247 | 0.086451 | 0.9949% |
| 1966 | 11.453298 | 0.087311 | 1.0575% | 1965 | 11.333450 | 0.088234 | 1.1300% |
| 1964 | 11.206811 | 0.089231 | 1.5537% | 1963 | 11.035360 | 0.090618 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 10.875939 | 0.091946 | 1.5364% | 1961 | 10.711366 | 0.093359 | 2.1586% |
| 1960 | 10.485032 | 0.095374 | -1.6655% | 1959 | 10.662616 | 0.093786 | 4.3080% |
| 1958 | 10.222242 | 0.097826 | 2.1130% | 1957 | 10.010719 | 0.099893 | 1.9895% |
| 1956 | 9.815442 | 0.101880 | 2.1231% | 1955 | 9.611383 | 0.104043 | 1.4496% |
| 1954 | 9.474046 | 0.105552 | 2.1573% | 1953 | 9.273983 | 0.107829 | 1.2298% |
| 1952 | 9.161321 | 0.109155 | 1.6814% | 1951 | 9.009832 | 0.110990 | 1.6233% |
| 1950 | 8.865914 | 0.112792 | 1.4265% | 1949 | 8.741217 | 0.114401 | 1.7790% |
| 1948 | 8.588426 | 0.116436 | 1.8242% | 1947 | 8.434566 | 0.118560 | -2.6320% |
| 1946 | 8.662568 | 0.115439 | 3.1768% | 1945 | 8.395848 | 0.119106 | 6.4754% |
| 1944 | 7.885246 | 0.126819 | -0.3437% | 1943 | 7.912439 | 0.126383 | 0.6562% |
| 1942 | 7.860854 | 0.127213 | 0.6633% | 1941 | 7.809057 | 0.128056 | -5.6614% |
| 1940 | 8.277692 | 0.120807 | 8.0381% | 1939 | 7.661826 | 0.130517 | 0.8126% |
| 1938 | 7.600066 | 0.131578 | 0.7762% | 1937 | 7.541525 | 0.132599 | 0.6029% |
| 1936 | 7.496331 | 0.133399 | 0.5244% | 1935 | 7.457226 | 0.134098 | -3.0364% |
| 1934 | 7.690746 | 0.130026 | 4.6271% | 1933 | 7.350623 | 0.136043 | 1.3921% |
| 1932 | 7.249699 | 0.137937 | -0.2051% | 1931 | 7.264597 | 0.137654 | 0.8886% |
| 1930 | 7.200613 | 0.138877 | 1.0126% | 1929 | 7.128431 | 0.140283 | 1.1526% |
| 1928 | 7.047206 | 0.141900 | 1.2160% | 1927 | 6.962541 | 0.143626 | 1.4086% |
| 1926 | 6.865830 | 0.145649 | 1.7667% | 1925 | 6.746639 | 0.148222 | 1.4465% |
| 1924 | 6.650440 | 0.150366 | 1.7700% | 1923 | 6.534776 | 0.153027 | 1.6165% |
| 1922 | 6.430820 | 0.155501 | 1.3736% | 1921 | 6.343681 | 0.157637 | 2.3393% |
| 1920 | 6.198675 | 0.161325 | 1.3140% | 1919 | 6.118280 | 0.163445 | 0.7676% |
| 1918 | 6.071671 | 0.164699 | 0.3870% | 1917 | 6.048265 | 0.165337 | 1.3274% |
| 1916 | 5.969030 | 0.167531 | 1.4083% | 1915 | 5.886136 | 0.169891 | 1.4458% |
| 1914 | 5.802247 | 0.172347 | 1.9424% | 1913 | 5.691693 | 0.175695 | 1.9857% |
| 1912 | 5.580875 | 0.179183 | 1.5634% | 1911 | 5.494966 | 0.181985 | 1.8169% |
| 1910 | 5.396909 | 0.185291 | 1.8781% | 1909 | 5.297420 | 0.188771 | 2.0082% |
| 1908 | 5.193129 | 0.192562 | 1.9603% | 1907 | 5.093288 | 0.196337 | 1.8264% |
| 1906 | 5.001935 | 0.199923 | 1.9357% | 1905 | 4.906953 | 0.203792 | 2.0148% |
| 1904 | 4.810038 | 0.207899 | 2.1335% | 1903 | 4.709558 | 0.212334 | 1.8151% |
| 1902 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 4.625597 | 0.216188 | 1.8943% | 1901 | 4.539601 | 0.220284 | 3.0255% | 1900 |
| 4.406289 | 0.226948 | 0.6278% | 1899 | 4.378797 | 0.228373 | 1.7757% | 1898 |
| 4.302401 | 0.232428 | 1.8078% | 1897 | 4.226005 | 0.236630 | 1.8396% | 1896 |
| 4.149668 | 0.240983 | 1.8755% | 1895 | 4.073272 | 0.245503 | 1.9114% | 1894 |
| 3.996876 | 0.250195 | 1.9486% | 1893 | 3.920481 | 0.255071 | 1.9858% | 1892 |
| 3.844143 | 0.260136 | 2.0276% | 1891 | 3.767748 | 0.265411 | 2.6465% | 1890 |
| 3.670604 | 0.272435 | 1.5328% | 1889 | 3.615190 | 0.276611 | 2.0811% | 1888 |
| 3.541487 | 0.282367 | 2.1599% | 1887 | 3.466613 | 0.288466 | 2.2075% | 1886 |
| 3.391740 | 0.294834 | 2.2592% | 1885 | 3.316807 | 0.301495 | 2.3095% | 1884 |
| 3.241934 | 0.308458 | 2.3641% | 1883 | 3.167060 | 0.315750 | 2.4214% | 1882 |
| 3.092186 | 0.323396 | 2.4815% | 1881 | 3.017312 | 0.331421 | 3.7644% | 1880 |
| 2.907850 | 0.343897 | 0.9432% | 1879 | 2.880678 | 0.347140 | 2.1464% | 1878 |
| 2.820147 | 0.354591 | 2.1913% | 1877 | 2.759674 | 0.362362 | 2.2426% | 1876 |
| 2.699143 | 0.370488 | 2.2941% | 1875 | 2.638612 | 0.378987 | 2.3456% | 1874 |
| 2.578139 | 0.387877 | 2.4043% | 1873 | 2.517608 | 0.397202 | 2.4635% | 1872 |
| 2.457077 | 0.406988 | 2.5258% | 1871 | 2.396545 | 0.417267 | 5.9947% | 1870 |
| 2.261005 | 0.442281 | -1.0968% | 1869 | 2.286079 | 0.437430 | 2.1930% | 1868 |
| 2.237021 | 0.447023 | 2.2394% | 1867 | 2.188023 | 0.457034 | 2.2935% | 1866 |
| 2.138966 | 0.467516 | 2.3445% | 1865 | 2.089967 | 0.478476 | 2.4037% | 1864 |
| 2.040910 | 0.489978 | 2.4599% | 1863 | 1.991911 | 0.502030 | 2.5250% | 1862 |
| 1.942854 | 0.514707 | 2.5872% | 1861 | 1.893855 | 0.528024 | 2.9504% | 1860 |
| 1.839580 | 0.543602 | 2.4012% | 1859 | 1.796443 | 0.556656 | 2.7627% | 1858 |
| 1.748147 | 0.572034 | 2.8412% | 1857 | 1.699851 | 0.588287 | 2.9243% | 1856 |
| 1.651554 | 0.605490 | 3.0161% | 1855 | 1.603200 | 0.623753 | 3.1061% | 1854 |
| 1.554904 | 0.643127 | 3.2056% | 1853 | 1.506607 | 0.663743 | 3.3118% | 1852 |
| 1.458311 | 0.685725 | 3.4252% | 1851 | 1.410015 | 0.709212 | 4.0106% | 1850 |
| 1.355645 | 0.737656 | 2.3254% | 1849 | 1.324838 | 0.754809 | 2.7841% | 1848 |
| 1.288952 | 0.775824 | 2.8590% | 1847 | 1.253125 | 0.798005 | 2.9432% | 1846 |
| 1.217298 | 0.821491 | 3.0324% | 1845 | 1.181471 | 0.846402 | 3.1325% | 1844 |
| 1.145586 | 0.872916 | 3.2284% | 1843 | 1.109759 | 0.901097 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.073932 | 0.931158 | 3.4512% | 1841 | 1.038105 | 0.963294 | 3.8105% | 1840 |
| 1.000000 | 1.000000 | 2.3861% | 1839 | 0.976696 | 1.023861 | 2.5824% | 1838 |
| 0.952108 | 1.050301 | 2.6573% | 1837 | 0.927463 | 1.078211 | 2.7232% | 1836 |
| 0.902876 | 1.107572 | 2.7994% | 1835 | 0.878288 | 1.138578 | 2.8871% | 1834 |
| 0.853643 | 1.171450 | 2.9657% | 1833 | 0.829056 | 1.206192 | 3.0563% | 1832 |
| 0.804468 | 1.243057 | 3.1604% | 1831 | 0.779823 | 1.282343 | 3.4660% | 1830 |
| 0.753700 | 1.326788 | 2.4653% | 1829 | 0.735566 | 1.359498 | 2.6804% | 1828 |
| 0.716364 | 1.395938 | 10.3427% | 1827 | 0.649218 | 1.540315 | -4.2314% | 1826 |
| 0.677903 | 1.475137 | 2.9150% | 1825 | 0.658702 | 1.518138 | 3.0026% | 1824 |
| 0.639500 | 1.563721 | 3.0955% | 1823 | 0.620299 | 1.612126 | 3.1944% | 1822 |
| 0.601097 | 1.663624 | 3.3102% | 1821 | 0.581838 | 1.718693 | 3.2277% | 1820 |
| 0.563645 | 1.774168 | 2.6573% | 1819 | 0.549055 | 1.821312 | 2.6261% | 1818 |
| 0.535005 | 1.869142 | 2.6969% | 1817 | 0.520955 | 1.919552 | 2.7717% | 1816 |
| 0.506905 | 1.972755 | 2.8507% | 1815 | 0.492855 | 2.028993 | 2.9343% | 1814 |
| 0.478806 | 2.088530 | 3.0231% | 1813 | 0.464756 | 2.151668 | 3.1039% | 1812 |
| 0.450765 | 2.218453 | 3.2172% | 1811 | 0.436715 | 2.289824 | 3.0969% | 1810 |
| 0.423596 | 2.360738 | 2.9144% | 1809 | 0.411601 | 2.429539 | 2.8225% | 1808 |
| 0.400302 | 2.498112 | 2.9199% | 1807 | 0.388945 | 2.571055 | 2.9918% | 1806 |
| 0.377647 | 2.647975 | 3.0841% | 1805 | 0.366349 | 2.729640 | 3.1822% | 1804 |
| 0.355050 | 2.816503 | 3.2868% | 1803 | 0.343752 | 2.909075 | 3.3985% | 1802 |
| 0.332453 | 3.007940 | 3.5180% | 1801 | 0.321155 | 3.113760 | 3.3999% | 1800 |
| 0.310595 | 3.219627 | 2.8419% | 1799 | 0.302012 | 3.311124 | 2.7485% | 1798 |
| 0.293934 | 3.402129 | 2.8261% | 1797 | 0.285855 | 3.498277 | 3.7832% | 1796 |
| 0.275435 | 3.630625 | 2.1272% | 1795 | 0.269698 | 3.707855 | 3.0879% | 1794 |
| 0.261619 | 3.822352 | 3.1625% | 1793 | 0.253599 | 3.943234 | 3.2904% | 1792 |
| 0.245520 | 4.072983 | 3.4024% | 1791 | 0.237442 | 4.211560 | 3.2296% | 1790 |
| 0.230013 | 4.347575 | 41.3145% | 1780 | 0.162767 | 6.143752 | 29.4353% | 1770 |
| 0.125752 | 7.952185 | 83.4728% | 1750 | 0.068540 | 14.590100 | 29.2845% | 1740 |
| 0.053015 | 18.862731 | 94.2514% | 1720 | 0.027292 | 36.641118 | 85.8111% | 1700 |

0.014688 68.083256 19.2490% 1690 0.012317 81.188636 88.0250% 1670
0.006551 152.654951

BASE YEAR: 1839

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 18.067031 | 0.055349 | 8.2857% | 2001 | 16.684602 | 0.059936 | 1.0000% |
| 2000 | 16.519406 | 0.060535 | 1.0000% | 1999 | 16.355848 | 0.061140 | 1.0000% |
| 1998 | 16.193909 | 0.061752 | 1.0000% | 1997 | 16.033573 | 0.062369 | 1.0000% |
| 1996 | 15.874825 | 0.062993 | 1.0000% | 1995 | 15.717648 | 0.063623 | 0.9992% |
| 1994 | 15.562148 | 0.064258 | 1.0008% | 1993 | 15.407948 | 0.064902 | 1.0000% |
| 1992 | 15.255394 | 0.065551 | 0.9295% | 1991 | 15.114901 | 0.066160 | 1.2505% |
| 1990 | 14.928221 | 0.066987 | 0.7224% | 1989 | 14.821146 | 0.067471 | 1.1077% |
| 1988 | 14.658775 | 0.068219 | 0.8834% | 1987 | 14.530418 | 0.068821 | 0.5594% |
| 1986 | 14.449592 | 0.069206 | 1.3056% | 1985 | 14.263366 | 0.070110 | 0.7673% |
| 1984 | 14.154759 | 0.070648 | 0.8149% | 1983 | 14.040338 | 0.071223 | 0.9737% |
| 1982 | 13.904939 | 0.071917 | 0.9508% | 1981 | 13.773975 | 0.072601 | 0.9031% |
| 1980 | 13.650700 | 0.073256 | 2.2701% | 1979 | 13.347698 | 0.074919 | 1.0042% |
| 1978 | 13.214996 | 0.075672 | 0.9896% | 1977 | 13.085501 | 0.076420 | 0.9103% |
| 1976 | 12.967454 | 0.077116 | 0.8394% | 1975 | 12.859506 | 0.077763 | 0.9042% |
| 1974 | 12.744276 | 0.078467 | 1.1568% | 1973 | 12.598538 | 0.079374 | 0.9427% |
| 1972 | 12.480880 | 0.080123 | 0.7426% | 1971 | 12.388876 | 0.080718 | 1.4697% |
| 1970 | 12.209429 | 0.081904 | 0.6968% | 1969 | 12.124940 | 0.082475 | 0.8565% |
| 1968 | 12.021967 | 0.083181 | 1.5090% | 1967 | 11.843248 | 0.084436 | 0.9949% |
| 1966 | 11.726579 | 0.085276 | 1.0575% | 1965 | 11.603872 | 0.086178 | 1.1300% |
| 1964 | 11.474212 | 0.087152 | 1.5537% | 1963 | 11.298669 | 0.088506 | 1.4658% |
| 1962 | 11.135444 | 0.089803 | 1.5364% | 1961 | 10.966944 | 0.091183 | 2.1586% |
| 1960 | 10.735210 | 0.093151 | -1.6655% | 1959 | 10.917031 | 0.091600 | 4.3080% |
| 1958 | 10.466150 | 0.095546 | 2.1130% | 1957 | 10.249580 | 0.097565 | 1.9895% |
| 1956 | 10.049643 | 0.099506 | 2.1231% | 1955 | 9.840716 | 0.101619 | 1.4496% |

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|----------|----------|----------|---------|------|----------|----------|----------|------|
| 1954 | 9.700102 | 0.103092 | 2.1573% | 1953 | 9.495265 | 0.105316 | 1.2298% | 1952 |
| 9.379915 | 0.106611 | 1.6814% | | 1951 | 9.224811 | 0.108403 | 1.6233% | 1950 |
| 9.077459 | 0.110163 | 1.4265% | | 1949 | 8.949787 | 0.111734 | 1.7790% | 1948 |
| 8.793350 | 0.113722 | 1.8242% | | 1947 | 8.635819 | 0.115797 | -2.6320% | 1946 |
| 8.869261 | 0.112749 | 3.1768% | | 1945 | 8.596177 | 0.116331 | 6.4754% | 1944 |
| 8.073392 | 0.123864 | -0.3437% | | 1943 | 8.101234 | 0.123438 | 0.6562% | 1942 |
| 8.048418 | 0.124248 | 0.6633% | | 1941 | 7.995385 | 0.125072 | -5.6614% | 1940 |
| 8.475202 | 0.117991 | 8.0381% | | 1939 | 7.844642 | 0.127476 | 0.8126% | 1938 |
| 7.781407 | 0.128511 | 0.7762% | | 1937 | 7.721470 | 0.129509 | 0.6029% | 1936 |
| 7.675198 | 0.130290 | 0.5244% | | 1935 | 7.635159 | 0.130973 | -3.0364% | 1934 |
| 7.874251 | 0.126996 | 4.6271% | | 1933 | 7.526013 | 0.132872 | 1.3921% | 1932 |
| 7.422680 | 0.134722 | -0.2051% | | 1931 | 7.437935 | 0.134446 | 0.8886% | 1930 |
| 7.372423 | 0.135641 | 1.0126% | | 1929 | 7.298520 | 0.137014 | 1.1526% | 1928 |
| 7.215356 | 0.138593 | 1.2160% | | 1927 | 7.128671 | 0.140279 | 1.4086% | 1926 |
| 7.029653 | 0.142255 | 1.7667% | | 1925 | 6.907617 | 0.144768 | 1.4465% | 1924 |
| 6.809123 | 0.146862 | 1.7700% | | 1923 | 6.690699 | 0.149461 | 1.6165% | 1922 |
| 6.584263 | 0.151877 | 1.3736% | | 1921 | 6.495044 | 0.153964 | 2.3393% | 1920 |
| 6.346578 | 0.157565 | 1.3140% | | 1919 | 6.264265 | 0.159636 | 0.7676% | 1918 |
| 6.216544 | 0.160861 | 0.3870% | | 1917 | 6.192580 | 0.161484 | 1.3274% | 1916 |
| 6.111454 | 0.163627 | 1.4083% | | 1915 | 6.026582 | 0.165932 | 1.4458% | 1914 |
| 5.940692 | 0.168331 | 1.9424% | | 1913 | 5.827499 | 0.171600 | 1.9857% | 1912 |
| 5.714037 | 0.175008 | 1.5634% | | 1911 | 5.626079 | 0.177744 | 1.8169% | 1910 |
| 5.525682 | 0.180973 | 1.8781% | | 1909 | 5.423819 | 0.184372 | 2.0082% | 1908 |
| 5.317040 | 0.188075 | 1.9603% | | 1907 | 5.214817 | 0.191761 | 1.8264% | 1906 |
| 5.121284 | 0.195264 | 1.9357% | | 1905 | 5.024035 | 0.199043 | 2.0148% | 1904 |
| 4.924808 | 0.203054 | 2.1335% | | 1903 | 4.821931 | 0.207386 | 1.8151% | 1902 |
| 4.735966 | 0.211150 | 1.8943% | | 1901 | 4.647918 | 0.215150 | 3.0255% | 1900 |
| 4.511425 | 0.221659 | 0.6278% | | 1899 | 4.483277 | 0.223051 | 1.7757% | 1898 |
| 4.405059 | 0.227012 | 1.8078% | | 1897 | 4.326840 | 0.231116 | 1.8396% | 1896 |
| 4.248681 | 0.235367 | 1.8755% | | 1895 | 4.170463 | 0.239782 | 1.9114% | 1894 |

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|----------|----------|----------|------|----------|----------|---------|------|
| 4.092244 | 0.244365 | 1.9486% | 1893 | 4.014025 | 0.249126 | 1.9858% | 1892 |
| 3.935867 | 0.254074 | 2.0276% | 1891 | 3.857648 | 0.259225 | 2.6465% | 1890 |
| 3.758187 | 0.266086 | 1.5328% | 1889 | 3.701450 | 0.270164 | 2.0811% | 1888 |
| 3.625989 | 0.275787 | 2.1599% | 1887 | 3.549329 | 0.281743 | 2.2075% | 1886 |
| 3.472668 | 0.287963 | 2.2592% | 1885 | 3.395948 | 0.294469 | 2.3095% | 1884 |
| 3.319288 | 0.301269 | 2.3641% | 1883 | 3.242628 | 0.308392 | 2.4214% | 1882 |
| 3.165967 | 0.315859 | 2.4815% | 1881 | 3.089307 | 0.323697 | 3.7644% | 1880 |
| 2.977232 | 0.335882 | 0.9432% | 1879 | 2.949413 | 0.339051 | 2.1464% | 1878 |
| 2.887437 | 0.346328 | 2.1913% | 1877 | 2.825521 | 0.353917 | 2.2426% | 1876 |
| 2.763546 | 0.361854 | 2.2941% | 1875 | 2.701570 | 0.370155 | 2.3456% | 1874 |
| 2.639655 | 0.378837 | 2.4043% | 1873 | 2.577679 | 0.387946 | 2.4635% | 1872 |
| 2.515704 | 0.397503 | 2.5258% | 1871 | 2.453728 | 0.407543 | 5.9947% | 1870 |
| 2.314954 | 0.431974 | -1.0968% | 1869 | 2.340626 | 0.427236 | 2.1930% | 1868 |
| 2.290398 | 0.436605 | 2.2394% | 1867 | 2.240230 | 0.446383 | 2.2935% | 1866 |
| 2.190002 | 0.456621 | 2.3445% | 1865 | 2.139835 | 0.467326 | 2.4037% | 1864 |
| 2.089607 | 0.478559 | 2.4599% | 1863 | 2.039439 | 0.490331 | 2.5250% | 1862 |
| 1.989211 | 0.502712 | 2.5872% | 1861 | 1.939043 | 0.515718 | 2.9504% | 1860 |
| 1.883473 | 0.530934 | 2.4012% | 1859 | 1.839307 | 0.543683 | 2.7627% | 1858 |
| 1.789859 | 0.558703 | 2.8412% | 1857 | 1.740410 | 0.574577 | 2.9243% | 1856 |
| 1.690961 | 0.591380 | 3.0161% | 1855 | 1.641453 | 0.609216 | 3.1061% | 1854 |
| 1.592004 | 0.628139 | 3.2056% | 1853 | 1.542556 | 0.648275 | 3.3118% | 1852 |
| 1.493107 | 0.669744 | 3.4252% | 1851 | 1.443659 | 0.692685 | 4.0106% | 1850 |
| 1.387992 | 0.720465 | 2.3254% | 1849 | 1.356449 | 0.737219 | 2.7841% | 1848 |
| 1.319708 | 0.757744 | 2.8590% | 1847 | 1.283026 | 0.779408 | 2.9432% | 1846 |
| 1.246344 | 0.802347 | 3.0324% | 1845 | 1.209662 | 0.826677 | 3.1325% | 1844 |
| 1.172920 | 0.852573 | 3.2284% | 1843 | 1.136238 | 0.880097 | 3.3361% | 1842 |
| 1.099556 | 0.909458 | 3.4512% | 1841 | 1.062875 | 0.940845 | 3.8105% | 1840 |
| 1.023861 | 0.976696 | 2.3861% | 1839 | 1.000000 | 1.000000 | 2.5824% | 1838 |
| 0.974826 | 1.025824 | 2.6573% | 1837 | 0.949592 | 1.053083 | 2.7232% | 1836 |
| 0.924419 | 1.081761 | 2.7994% | 1835 | 0.899245 | 1.112044 | 2.8871% | 1834 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 0.874011 | 1.144150 | 2.9657% | 1833 | 0.848837 | 1.178082 | 3.0563% | 1832 |
| 0.823663 | 1.214088 | 3.1604% | 1831 | 0.798430 | 1.252459 | 3.4660% | 1830 |
| 0.771683 | 1.295868 | 2.4653% | 1829 | 0.753117 | 1.327815 | 2.6804% | 1828 |
| 0.733457 | 1.363406 | 10.3427% | 1827 | 0.664709 | 1.504418 | -4.2314% | 1826 |
| 0.694078 | 1.440760 | 2.9150% | 1825 | 0.674419 | 1.482759 | 3.0026% | 1824 |
| 0.654759 | 1.527279 | 3.0955% | 1823 | 0.635099 | 1.574556 | 3.1944% | 1822 |
| 0.615440 | 1.624854 | 3.3102% | 1821 | 0.595720 | 1.678640 | 3.2277% | 1820 |
| 0.577093 | 1.732822 | 2.6573% | 1819 | 0.562155 | 1.778868 | 2.6261% | 1818 |
| 0.547770 | 1.825583 | 2.6969% | 1817 | 0.533385 | 1.874817 | 2.7717% | 1816 |
| 0.519000 | 1.926781 | 2.8507% | 1815 | 0.504615 | 1.981708 | 2.9343% | 1814 |
| 0.490230 | 2.039858 | 3.0231% | 1813 | 0.475845 | 2.101524 | 3.1039% | 1812 |
| 0.461520 | 2.166753 | 3.2172% | 1811 | 0.447135 | 2.236461 | 3.0969% | 1810 |
| 0.433704 | 2.305722 | 2.9144% | 1809 | 0.421422 | 2.372920 | 2.8225% | 1808 |
| 0.409854 | 2.439895 | 2.9199% | 1807 | 0.398226 | 2.511138 | 2.9918% | 1806 |
| 0.386658 | 2.586266 | 3.0841% | 1805 | 0.375090 | 2.666027 | 3.1822% | 1804 |
| 0.363522 | 2.750866 | 3.2868% | 1803 | 0.351954 | 2.841281 | 3.3985% | 1802 |
| 0.340386 | 2.937841 | 3.5180% | 1801 | 0.328818 | 3.041196 | 3.3999% | 1800 |
| 0.318006 | 3.144595 | 2.8419% | 1799 | 0.309218 | 3.233960 | 2.7485% | 1798 |
| 0.300947 | 3.322844 | 2.8261% | 1797 | 0.292676 | 3.416752 | 3.7832% | 1796 |
| 0.282007 | 3.546015 | 2.1272% | 1795 | 0.276133 | 3.621446 | 3.0879% | 1794 |
| 0.267861 | 3.733274 | 3.1625% | 1793 | 0.259650 | 3.851339 | 3.2904% | 1792 |
| 0.251379 | 3.978064 | 3.4024% | 1791 | 0.243107 | 4.113412 | 3.2296% | 1790 |
| 0.235501 | 4.246257 | 41.3145% | 1780 | 0.166651 | 6.000575 | 29.4353% | 1770 |
| 0.128752 | 7.766864 | 83.4728% | 1750 | 0.070175 | 14.250085 | 29.2845% | 1740 |
| 0.054280 | 18.423145 | 94.2514% | 1720 | 0.027943 | 35.787216 | 85.8111% | 1700 |
| 0.015038 | 66.496612 | 19.2490% | 1690 | 0.012611 | 79.296578 | 88.0250% | 1670 |
| 0.006707 | 149.097408 | | | | | | |

BASE YEAR: 1838

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 18.533593 | 0.053956 | 8.2857% | 2001 | 17.115464 | 0.058427 | 1.0000% |
| 2000 | 16.946002 | 0.059011 | 1.0000% | 1999 | 16.778220 | 0.059601 | 1.0000% |
| 1998 | 16.612098 | 0.060197 | 1.0000% | 1997 | 16.447622 | 0.060799 | 1.0000% |
| 1996 | 16.284775 | 0.061407 | 1.0000% | 1995 | 16.123539 | 0.062021 | 0.9992% |
| 1994 | 15.964023 | 0.062641 | 1.0008% | 1993 | 15.805842 | 0.063268 | 1.0000% |
| 1992 | 15.649348 | 0.063900 | 0.9295% | 1991 | 15.505226 | 0.064494 | 1.2505% |
| 1990 | 15.313726 | 0.065301 | 0.7224% | 1989 | 15.203886 | 0.065773 | 1.1077% |
| 1988 | 15.037322 | 0.066501 | 0.8834% | 1987 | 14.905651 | 0.067089 | 0.5594% |
| 1986 | 14.822737 | 0.067464 | 1.3056% | 1985 | 14.631702 | 0.068345 | 0.7673% |
| 1984 | 14.520290 | 0.068869 | 0.8149% | 1983 | 14.402914 | 0.069430 | 0.9737% |
| 1982 | 14.264019 | 0.070106 | 0.9508% | 1981 | 14.129673 | 0.070773 | 0.9031% |
| 1980 | 14.003215 | 0.071412 | 2.2701% | 1979 | 13.692388 | 0.073033 | 1.0042% |
| 1978 | 13.556259 | 0.073767 | 0.9896% | 1977 | 13.423420 | 0.074497 | 0.9103% |
| 1976 | 13.302324 | 0.075175 | 0.8394% | 1975 | 13.191589 | 0.075806 | 0.9042% |
| 1974 | 13.073383 | 0.076491 | 1.1568% | 1973 | 12.923881 | 0.077376 | 0.9427% |
| 1972 | 12.803185 | 0.078106 | 0.7426% | 1971 | 12.708805 | 0.078686 | 1.4697% |
| 1970 | 12.524724 | 0.079842 | 0.6968% | 1969 | 12.438053 | 0.080398 | 0.8565% |
| 1968 | 12.332421 | 0.081087 | 1.5090% | 1967 | 12.149087 | 0.082311 | 0.9949% |
| 1966 | 12.029405 | 0.083130 | 1.0575% | 1965 | 11.903529 | 0.084009 | 1.1300% |
| 1964 | 11.770521 | 0.084958 | 1.5537% | 1963 | 11.590445 | 0.086278 | 1.4658% |
| 1962 | 11.423005 | 0.087543 | 1.5364% | 1961 | 11.250154 | 0.088888 | 2.1586% |
| 1960 | 11.012435 | 0.090806 | -1.6655% | 1959 | 11.198952 | 0.089294 | 4.3080% |
| 1958 | 10.736427 | 0.093141 | 2.1130% | 1957 | 10.514265 | 0.095109 | 1.9895% |
| 1956 | 10.309164 | 0.097001 | 2.1231% | 1955 | 10.094841 | 0.099060 | 1.4496% |
| 1954 | 9.950596 | 0.100496 | 2.1573% | 1953 | 9.740470 | 0.102664 | 1.2298% |
| 1952 | 9.622141 | 0.103927 | 1.6814% | 1951 | 9.463032 | 0.105674 | 1.6233% |
| 1950 | 9.311875 | 0.107390 | 1.4265% | 1949 | 9.180906 | 0.108922 | 1.7790% |
| 1948 | 9.020429 | 0.110859 | 1.8242% | 1947 | 8.858829 | 0.112882 | -2.6320% |
| 1946 | 9.098300 | 0.109911 | 3.1768% | 1945 | 8.818164 | 0.113402 | 6.4754% |
| 1944 | 8.281878 | 0.120746 | -0.3437% | 1943 | 8.310439 | 0.120331 | 0.6562% |
| 1942 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.256260 | 0.121120 | 0.6633% | 1941 | 8.201857 | 0.121924 | -5.6614% | 1940 |
| 8.694065 | 0.115021 | 8.0381% | 1939 | 8.047221 | 0.124267 | 0.8126% | 1938 |
| 7.982354 | 0.125276 | 0.7762% | 1937 | 7.920868 | 0.126249 | 0.6029% | 1936 |
| 7.873401 | 0.127010 | 0.5244% | 1935 | 7.832329 | 0.127676 | -3.0364% | 1934 |
| 8.077595 | 0.123799 | 4.6271% | 1933 | 7.720364 | 0.129528 | 1.3921% | 1932 |
| 7.614363 | 0.131331 | -0.2051% | 1931 | 7.630011 | 0.131061 | 0.8886% | 1930 |
| 7.562808 | 0.132226 | 1.0126% | 1929 | 7.486996 | 0.133565 | 1.1526% | 1928 |
| 7.401685 | 0.135104 | 1.2160% | 1927 | 7.312761 | 0.136747 | 1.4086% | 1926 |
| 7.211186 | 0.138673 | 1.7667% | 1925 | 7.085999 | 0.141123 | 1.4465% | 1924 |
| 6.984961 | 0.143165 | 1.7700% | 1923 | 6.863479 | 0.145699 | 1.6165% | 1922 |
| 6.754295 | 0.148054 | 1.3736% | 1921 | 6.662772 | 0.150088 | 2.3393% | 1920 |
| 6.510472 | 0.153599 | 1.3140% | 1919 | 6.426033 | 0.155617 | 0.7676% | 1918 |
| 6.377080 | 0.156812 | 0.3870% | 1917 | 6.352496 | 0.157418 | 1.3274% | 1916 |
| 6.269276 | 0.159508 | 1.4083% | 1915 | 6.182212 | 0.161754 | 1.4458% | 1914 |
| 6.094104 | 0.164093 | 1.9424% | 1913 | 5.977988 | 0.167280 | 1.9857% | 1912 |
| 5.861596 | 0.170602 | 1.5634% | 1911 | 5.771366 | 0.173269 | 1.8169% | 1910 |
| 5.668377 | 0.176417 | 1.8781% | 1909 | 5.563883 | 0.179731 | 2.0082% | 1908 |
| 5.454347 | 0.183340 | 1.9603% | 1907 | 5.349484 | 0.186934 | 1.8264% | 1906 |
| 5.253535 | 0.190348 | 1.9357% | 1905 | 5.153775 | 0.194033 | 2.0148% | 1904 |
| 5.051986 | 0.197942 | 2.1335% | 1903 | 4.946452 | 0.202165 | 1.8151% | 1902 |
| 4.858267 | 0.205835 | 1.8943% | 1901 | 4.767946 | 0.209734 | 3.0255% | 1900 |
| 4.627928 | 0.216079 | 0.6278% | 1899 | 4.599053 | 0.217436 | 1.7757% | 1898 |
| 4.518815 | 0.221297 | 1.8078% | 1897 | 4.438576 | 0.225297 | 1.8396% | 1896 |
| 4.358399 | 0.229442 | 1.8755% | 1895 | 4.278160 | 0.233745 | 1.9114% | 1894 |
| 4.197922 | 0.238213 | 1.9486% | 1893 | 4.117683 | 0.242855 | 1.9858% | 1892 |
| 4.037506 | 0.247678 | 2.0276% | 1891 | 3.957268 | 0.252700 | 2.6465% | 1890 |
| 3.855238 | 0.259387 | 1.5328% | 1889 | 3.797036 | 0.263363 | 2.0811% | 1888 |
| 3.719626 | 0.268844 | 2.1599% | 1887 | 3.640986 | 0.274651 | 2.2075% | 1886 |
| 3.562346 | 0.280714 | 2.2592% | 1885 | 3.483645 | 0.287056 | 2.3095% | 1884 |
| 3.405005 | 0.293685 | 2.3641% | 1883 | 3.326365 | 0.300628 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.247725 | 0.307908 | 2.4815% | 1881 | 3.169085 | 0.315548 | 3.7644% | 1880 |
| 3.054116 | 0.327427 | 0.9432% | 1879 | 3.025578 | 0.330515 | 2.1464% | 1878 |
| 2.962002 | 0.337609 | 2.1913% | 1877 | 2.898487 | 0.345008 | 2.2426% | 1876 |
| 2.834911 | 0.352745 | 2.2941% | 1875 | 2.771335 | 0.360837 | 2.3456% | 1874 |
| 2.707821 | 0.369301 | 2.4043% | 1873 | 2.644245 | 0.378180 | 2.4635% | 1872 |
| 2.580669 | 0.387496 | 2.5258% | 1871 | 2.517093 | 0.397284 | 5.9947% | 1870 |
| 2.374735 | 0.421100 | -1.0968% | 1869 | 2.401070 | 0.416481 | 2.1930% | 1868 |
| 2.349545 | 0.425614 | 2.2394% | 1867 | 2.298082 | 0.435146 | 2.2935% | 1866 |
| 2.246557 | 0.445126 | 2.3445% | 1865 | 2.195093 | 0.455561 | 2.4037% | 1864 |
| 2.143569 | 0.466512 | 2.4599% | 1863 | 2.092105 | 0.477987 | 2.5250% | 1862 |
| 2.040580 | 0.490057 | 2.5872% | 1861 | 1.989117 | 0.502736 | 2.9504% | 1860 |
| 1.932112 | 0.517568 | 2.4012% | 1859 | 1.886805 | 0.529996 | 2.7627% | 1858 |
| 1.836080 | 0.544639 | 2.8412% | 1857 | 1.785354 | 0.560113 | 2.9243% | 1856 |
| 1.734629 | 0.576492 | 3.0161% | 1855 | 1.683842 | 0.593880 | 3.1061% | 1854 |
| 1.633116 | 0.612326 | 3.2056% | 1853 | 1.582391 | 0.631955 | 3.3118% | 1852 |
| 1.531665 | 0.652884 | 3.4252% | 1851 | 1.480939 | 0.675247 | 4.0106% | 1850 |
| 1.423835 | 0.702329 | 2.3254% | 1849 | 1.391478 | 0.718660 | 2.7841% | 1848 |
| 1.353788 | 0.738668 | 2.8590% | 1847 | 1.316158 | 0.759787 | 2.9432% | 1846 |
| 1.278529 | 0.782149 | 3.0324% | 1845 | 1.240900 | 0.805867 | 3.1325% | 1844 |
| 1.203210 | 0.831110 | 3.2284% | 1843 | 1.165580 | 0.857942 | 3.3361% | 1842 |
| 1.127951 | 0.886563 | 3.4512% | 1841 | 1.090322 | 0.917160 | 3.8105% | 1840 |
| 1.050301 | 0.952108 | 2.3861% | 1839 | 1.025824 | 0.974826 | 2.5824% | 1838 |
| 1.000000 | 1.000000 | 2.6573% | 1837 | 0.974115 | 1.026573 | 2.7232% | 1836 |
| 0.948291 | 1.054529 | 2.7994% | 1835 | 0.922467 | 1.084050 | 2.8871% | 1834 |
| 0.896581 | 1.115348 | 2.9657% | 1833 | 0.870758 | 1.148425 | 3.0563% | 1832 |
| 0.844934 | 1.183525 | 3.1604% | 1831 | 0.819048 | 1.220929 | 3.4660% | 1830 |
| 0.791611 | 1.263246 | 2.4653% | 1829 | 0.772565 | 1.294389 | 2.6804% | 1828 |
| 0.752398 | 1.329084 | 10.3427% | 1827 | 0.681874 | 1.466546 | -4.2314% | 1826 |
| 0.712002 | 1.404491 | 2.9150% | 1825 | 0.691835 | 1.445432 | 3.0026% | 1824 |
| 0.671667 | 1.488832 | 3.0955% | 1823 | 0.651500 | 1.534919 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.631333 | 1.583950 | 3.3102% | 1821 | 0.611104 | 1.636382 | 3.2277% | 1820 |
| 0.591996 | 1.689200 | 2.6573% | 1819 | 0.576672 | 1.734087 | 2.6261% | 1818 |
| 0.561916 | 1.779626 | 2.6969% | 1817 | 0.547159 | 1.827621 | 2.7717% | 1816 |
| 0.532403 | 1.878277 | 2.8507% | 1815 | 0.517646 | 1.931821 | 2.9343% | 1814 |
| 0.502890 | 1.988507 | 3.0231% | 1813 | 0.488133 | 2.048621 | 3.1039% | 1812 |
| 0.473438 | 2.112208 | 3.2172% | 1811 | 0.458682 | 2.180161 | 3.0969% | 1810 |
| 0.444903 | 2.247679 | 2.9144% | 1809 | 0.432304 | 2.313184 | 2.8225% | 1808 |
| 0.420438 | 2.378473 | 2.9199% | 1807 | 0.408510 | 2.447923 | 2.9918% | 1806 |
| 0.396643 | 2.521160 | 3.0841% | 1805 | 0.384776 | 2.598913 | 3.1822% | 1804 |
| 0.372909 | 2.681616 | 3.2868% | 1803 | 0.361043 | 2.769755 | 3.3985% | 1802 |
| 0.349176 | 2.863884 | 3.5180% | 1801 | 0.337309 | 2.964637 | 3.3999% | 1800 |
| 0.326218 | 3.065433 | 2.8419% | 1799 | 0.317204 | 3.152549 | 2.7485% | 1798 |
| 0.308719 | 3.239195 | 2.8261% | 1797 | 0.300234 | 3.330739 | 3.7832% | 1796 |
| 0.289289 | 3.456748 | 2.1272% | 1795 | 0.283264 | 3.530280 | 3.0879% | 1794 |
| 0.274779 | 3.639293 | 3.1625% | 1793 | 0.266355 | 3.754386 | 3.2904% | 1792 |
| 0.257870 | 3.877921 | 3.4024% | 1791 | 0.249385 | 4.009862 | 3.2296% | 1790 |
| 0.241583 | 4.139363 | 41.3145% | 1780 | 0.170954 | 5.849518 | 29.4353% | 1770 |
| 0.132077 | 7.571342 | 83.4728% | 1750 | 0.071987 | 13.891356 | 29.2845% | 1740 |
| 0.055681 | 17.959364 | 94.2514% | 1720 | 0.028665 | 34.886315 | 85.8111% | 1700 |
| 0.015427 | 64.822639 | 19.2490% | 1690 | 0.012937 | 77.300380 | 88.0250% | 1670 |
| 0.006880 | 145.344057 | | | | | | |

BASE YEAR: 1837

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 19.026090 | 0.052559 | 8.2857% | 2001 | 17.570277 | 0.056914 | 1.0000% |
| 2000 | 17.396312 | 0.057483 | 1.0000% | 1999 | 17.224071 | 0.058058 | 1.0000% |
| 1998 | 17.053536 | 0.058639 | 1.0000% | 1997 | 16.884689 | 0.059225 | 1.0000% |
| 1996 | 16.717514 | 0.059818 | 1.0000% | 1995 | 16.551994 | 0.060416 | 0.9992% |
| 1994 | 16.388239 | 0.061019 | 1.0008% | 1993 | 16.225854 | 0.061630 | 1.0000% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 16.065202 | 0.062246 | 0.9295% | 1991 | 15.917251 | 0.062825 | 1.2505% |
| 1990 | 15.720661 | 0.063611 | 0.7224% | 1989 | 15.607903 | 0.064070 | 1.1077% |
| 1988 | 15.436912 | 0.064780 | 0.8834% | 1987 | 15.301742 | 0.065352 | 0.5594% |
| 1986 | 15.216626 | 0.065718 | 1.3056% | 1985 | 15.020514 | 0.066576 | 0.7673% |
| 1984 | 14.906142 | 0.067086 | 0.8149% | 1983 | 14.785647 | 0.067633 | 0.9737% |
| 1982 | 14.643060 | 0.068292 | 0.9508% | 1981 | 14.505144 | 0.068941 | 0.9031% |
| 1980 | 14.375326 | 0.069564 | 2.2701% | 1979 | 14.056239 | 0.071143 | 1.0042% |
| 1978 | 13.916493 | 0.071857 | 0.9896% | 1977 | 13.780124 | 0.072568 | 0.9103% |
| 1976 | 13.655810 | 0.073229 | 0.8394% | 1975 | 13.542132 | 0.073844 | 0.9042% |
| 1974 | 13.420785 | 0.074511 | 1.1568% | 1973 | 13.267310 | 0.075373 | 0.9427% |
| 1972 | 13.143407 | 0.076084 | 0.7426% | 1971 | 13.046519 | 0.076649 | 1.4697% |
| 1970 | 12.857547 | 0.077775 | 0.6968% | 1969 | 12.768573 | 0.078317 | 0.8565% |
| 1968 | 12.660134 | 0.078988 | 1.5090% | 1967 | 12.471928 | 0.080180 | 0.9949% |
| 1966 | 12.349066 | 0.080978 | 1.0575% | 1965 | 12.219845 | 0.081834 | 1.1300% |
| 1964 | 12.083302 | 0.082759 | 1.5537% | 1963 | 11.898441 | 0.084045 | 1.4658% |
| 1962 | 11.726551 | 0.085277 | 1.5364% | 1961 | 11.549107 | 0.086587 | 2.1586% |
| 1960 | 11.305071 | 0.088456 | -1.6655% | 1959 | 11.496544 | 0.086983 | 4.3080% |
| 1958 | 11.021729 | 0.090730 | 2.1130% | 1957 | 10.793663 | 0.092647 | 1.9895% |
| 1956 | 10.583112 | 0.094490 | 2.1231% | 1955 | 10.363094 | 0.096496 | 1.4496% |
| 1954 | 10.215016 | 0.097895 | 2.1573% | 1953 | 9.999306 | 0.100007 | 1.2298% |
| 1952 | 9.877832 | 0.101237 | 1.6814% | 1951 | 9.714495 | 0.102939 | 1.6233% |
| 1950 | 9.559321 | 0.104610 | 1.4265% | 1949 | 9.424872 | 0.106102 | 1.7790% |
| 1948 | 9.260131 | 0.107990 | 1.8242% | 1947 | 9.094237 | 0.109960 | -2.6320% |
| 1946 | 9.340071 | 0.107066 | 3.1768% | 1945 | 9.052492 | 0.110467 | 6.4754% |
| 1944 | 8.501955 | 0.117620 | -0.3437% | 1943 | 8.531275 | 0.117216 | 0.6562% |
| 1942 | 8.475655 | 0.117985 | 0.6633% | 1941 | 8.419807 | 0.118768 | -5.6614% |
| 1940 | 8.925095 | 0.112044 | 8.0381% | 1939 | 8.261062 | 0.121050 | 0.8126% |
| 1938 | 8.194471 | 0.122034 | 0.7762% | 1937 | 8.131351 | 0.122981 | 0.6029% |
| 1936 | 8.082623 | 0.123722 | 0.5244% | 1935 | 8.040460 | 0.124371 | -3.0364% |
| 1934 | 8.292243 | 0.120595 | 4.6271% | 1933 | 7.925519 | 0.126175 | 1.3921% |
| 1932 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 7.816701 | 0.127931 | -0.2051% | 1931 | 7.832765 | 0.127669 | 0.8886% | 1930 |
| 7.763776 | 0.128803 | 1.0126% | 1929 | 7.685950 | 0.130108 | 1.1526% | 1928 |
| 7.598372 | 0.131607 | 1.2160% | 1927 | 7.507085 | 0.133207 | 1.4086% | 1926 |
| 7.402811 | 0.135084 | 1.7667% | 1925 | 7.274297 | 0.137470 | 1.4465% | 1924 |
| 7.170574 | 0.139459 | 1.7700% | 1923 | 7.045864 | 0.141927 | 1.6165% | 1922 |
| 6.933778 | 0.144222 | 1.3736% | 1921 | 6.839823 | 0.146203 | 2.3393% | 1920 |
| 6.683476 | 0.149623 | 1.3140% | 1919 | 6.596794 | 0.151589 | 0.7676% | 1918 |
| 6.546539 | 0.152752 | 0.3870% | 1917 | 6.521303 | 0.153344 | 1.3274% | 1916 |
| 6.435871 | 0.155379 | 1.4083% | 1915 | 6.346494 | 0.157567 | 1.4458% | 1914 |
| 6.256044 | 0.159845 | 1.9424% | 1913 | 6.136843 | 0.162950 | 1.9857% | 1912 |
| 6.017358 | 0.166186 | 1.5634% | 1911 | 5.924730 | 0.168784 | 1.8169% | 1910 |
| 5.819004 | 0.171851 | 1.8781% | 1909 | 5.711734 | 0.175078 | 2.0082% | 1908 |
| 5.599287 | 0.178594 | 1.9603% | 1907 | 5.491637 | 0.182095 | 1.8264% | 1906 |
| 5.393139 | 0.185421 | 1.9357% | 1905 | 5.290728 | 0.189010 | 2.0148% | 1904 |
| 5.186234 | 0.192818 | 2.1335% | 1903 | 5.077895 | 0.196932 | 1.8151% | 1902 |
| 4.987367 | 0.200507 | 1.8943% | 1901 | 4.894646 | 0.204305 | 3.0255% | 1900 |
| 4.750907 | 0.210486 | 0.6278% | 1899 | 4.721265 | 0.211808 | 1.7757% | 1898 |
| 4.638894 | 0.215569 | 1.8078% | 1897 | 4.556523 | 0.219466 | 1.8396% | 1896 |
| 4.474216 | 0.223503 | 1.8755% | 1895 | 4.391845 | 0.227695 | 1.9114% | 1894 |
| 4.309474 | 0.232047 | 1.9486% | 1893 | 4.227103 | 0.236569 | 1.9858% | 1892 |
| 4.144796 | 0.241266 | 2.0276% | 1891 | 4.062425 | 0.246158 | 2.6465% | 1890 |
| 3.957684 | 0.252673 | 1.5328% | 1889 | 3.897936 | 0.256546 | 2.0811% | 1888 |
| 3.818469 | 0.261885 | 2.1599% | 1887 | 3.737739 | 0.267541 | 2.2075% | 1886 |
| 3.657009 | 0.273447 | 2.2592% | 1885 | 3.576217 | 0.279625 | 2.3095% | 1884 |
| 3.495487 | 0.286083 | 2.3641% | 1883 | 3.414757 | 0.292847 | 2.4214% | 1882 |
| 3.334028 | 0.299938 | 2.4815% | 1881 | 3.253298 | 0.307380 | 3.7644% | 1880 |
| 3.135274 | 0.318951 | 0.9432% | 1879 | 3.105977 | 0.321960 | 2.1464% | 1878 |
| 3.040712 | 0.328870 | 2.1913% | 1877 | 2.975510 | 0.336077 | 2.2426% | 1876 |
| 2.910244 | 0.343614 | 2.2941% | 1875 | 2.844979 | 0.351496 | 2.3456% | 1874 |
| 2.779777 | 0.359741 | 2.4043% | 1873 | 2.714511 | 0.368390 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.649246 | 0.377466 | 2.5258% | 1871 | 2.583980 | 0.387000 | 5.9947% | 1870 |
| 2.437840 | 0.410199 | -1.0968% | 1869 | 2.464874 | 0.405700 | 2.1930% | 1868 |
| 2.411980 | 0.414597 | 2.2394% | 1867 | 2.359149 | 0.423882 | 2.2935% | 1866 |
| 2.306255 | 0.433603 | 2.3445% | 1865 | 2.253424 | 0.443769 | 2.4037% | 1864 |
| 2.200530 | 0.454436 | 2.4599% | 1863 | 2.147699 | 0.465615 | 2.5250% | 1862 |
| 2.094805 | 0.477371 | 2.5872% | 1861 | 2.041974 | 0.489722 | 2.9504% | 1860 |
| 1.983454 | 0.504171 | 2.4012% | 1859 | 1.936944 | 0.516277 | 2.7627% | 1858 |
| 1.884870 | 0.530540 | 2.8412% | 1857 | 1.832797 | 0.545614 | 2.9243% | 1856 |
| 1.780723 | 0.561570 | 3.0161% | 1855 | 1.728587 | 0.578507 | 3.1061% | 1854 |
| 1.676513 | 0.596476 | 3.2056% | 1853 | 1.624440 | 0.615597 | 3.3118% | 1852 |
| 1.572366 | 0.635984 | 3.4252% | 1851 | 1.520293 | 0.657768 | 4.0106% | 1850 |
| 1.461671 | 0.684148 | 2.3254% | 1849 | 1.428454 | 0.700057 | 2.7841% | 1848 |
| 1.389762 | 0.719548 | 2.8590% | 1847 | 1.351133 | 0.740120 | 2.9432% | 1846 |
| 1.312504 | 0.761902 | 3.0324% | 1845 | 1.273875 | 0.785006 | 3.1325% | 1844 |
| 1.235183 | 0.809597 | 3.2284% | 1843 | 1.196554 | 0.835734 | 3.3361% | 1842 |
| 1.157925 | 0.863614 | 3.4512% | 1841 | 1.119296 | 0.893419 | 3.8105% | 1840 |
| 1.078211 | 0.927463 | 2.3861% | 1839 | 1.053083 | 0.949592 | 2.5824% | 1838 |
| 1.026573 | 0.974115 | 2.6573% | 1837 | 1.000000 | 1.000000 | 2.7232% | 1836 |
| 0.973490 | 1.027232 | 2.7994% | 1835 | 0.946980 | 1.055989 | 2.8871% | 1834 |
| 0.920406 | 1.086476 | 2.9657% | 1833 | 0.893896 | 1.118698 | 3.0563% | 1832 |
| 0.867386 | 1.152889 | 3.1604% | 1831 | 0.840813 | 1.189325 | 3.4660% | 1830 |
| 0.812647 | 1.230547 | 2.4653% | 1829 | 0.793095 | 1.260883 | 2.6804% | 1828 |
| 0.772392 | 1.294680 | 10.3427% | 1827 | 0.699994 | 1.428584 | -4.2314% | 1826 |
| 0.730922 | 1.368135 | 2.9150% | 1825 | 0.710219 | 1.408016 | 3.0026% | 1824 |
| 0.689516 | 1.450293 | 3.0955% | 1823 | 0.668813 | 1.495187 | 3.1944% | 1822 |
| 0.648110 | 1.542949 | 3.3102% | 1821 | 0.627343 | 1.594024 | 3.2277% | 1820 |
| 0.607727 | 1.645474 | 2.6573% | 1819 | 0.591996 | 1.689199 | 2.6261% | 1818 |
| 0.576848 | 1.733559 | 2.6969% | 1817 | 0.561699 | 1.780312 | 2.7717% | 1816 |
| 0.546551 | 1.829657 | 2.8507% | 1815 | 0.531402 | 1.881815 | 2.9343% | 1814 |
| 0.516253 | 1.937034 | 3.0231% | 1813 | 0.501105 | 1.995591 | 3.1039% | 1812 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.486019 | 2.057532 | 3.2172% | 1811 | 0.470870 | 2.123727 | 3.0969% | 1810 |
| 0.456726 | 2.189497 | 2.9144% | 1809 | 0.443792 | 2.253307 | 2.8225% | 1808 |
| 0.431610 | 2.316906 | 2.9199% | 1807 | 0.419365 | 2.384557 | 2.9918% | 1806 |
| 0.407183 | 2.455898 | 3.0841% | 1805 | 0.395001 | 2.531640 | 3.1822% | 1804 |
| 0.382819 | 2.612201 | 3.2868% | 1803 | 0.370637 | 2.698059 | 3.3985% | 1802 |
| 0.358455 | 2.789752 | 3.5180% | 1801 | 0.346273 | 2.887896 | 3.3999% | 1800 |
| 0.334887 | 2.986083 | 2.8419% | 1799 | 0.325633 | 3.070944 | 2.7485% | 1798 |
| 0.316922 | 3.155348 | 2.8261% | 1797 | 0.308212 | 3.244522 | 3.7832% | 1796 |
| 0.296977 | 3.367269 | 2.1272% | 1795 | 0.290791 | 3.438897 | 3.0879% | 1794 |
| 0.282080 | 3.545088 | 3.1625% | 1793 | 0.273433 | 3.657202 | 3.2904% | 1792 |
| 0.264723 | 3.777539 | 3.4024% | 1791 | 0.256012 | 3.906065 | 3.2296% | 1790 |
| 0.248003 | 4.032214 | 41.3145% | 1780 | 0.175497 | 5.698101 | 29.4353% | 1770 |
| 0.135587 | 7.375355 | 83.4728% | 1750 | 0.073900 | 13.531773 | 29.2845% | 1740 |
| 0.057161 | 17.494479 | 94.2514% | 1720 | 0.029426 | 33.983269 | 85.8111% | 1700 |
| 0.015837 | 63.144679 | 19.2490% | 1690 | 0.013280 | 75.299430 | 88.0250% | 1670 |
| 0.007063 | 141.581769 | | | | | | |

BASE YEAR: 1836

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 19.544210 | 0.051166 | 8.2857% | 2001 | 18.048752 | 0.055405 | 1.0000% |
| 2000 | 17.870049 | 0.055960 | 1.0000% | 1999 | 17.693118 | 0.056519 | 1.0000% |
| 1998 | 17.517939 | 0.057084 | 1.0000% | 1997 | 17.344494 | 0.057655 | 1.0000% |
| 1996 | 17.172766 | 0.058232 | 1.0000% | 1995 | 17.002739 | 0.058814 | 0.9992% |
| 1994 | 16.834525 | 0.059402 | 1.0008% | 1993 | 16.667718 | 0.059996 | 1.0000% |
| 1992 | 16.502691 | 0.060596 | 0.9295% | 1991 | 16.350710 | 0.061159 | 1.2505% |
| 1990 | 16.148767 | 0.061924 | 0.7224% | 1989 | 16.032938 | 0.062372 | 1.1077% |
| 1988 | 15.857291 | 0.063062 | 0.8834% | 1987 | 15.718440 | 0.063620 | 0.5594% |
| 1986 | 15.631006 | 0.063975 | 1.3056% | 1985 | 15.429553 | 0.064811 | 0.7673% |
| 1984 | 15.312066 | 0.065308 | 0.8149% | 1983 | 15.188290 | 0.065840 | 0.9737% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 15.041821 | 0.066481 | 0.9508% | 1981 | 14.900149 | 0.067113 | 0.9031% |
| 1980 | 14.766795 | 0.067720 | 2.2701% | 1979 | 14.439020 | 0.069257 | 1.0042% |
| 1978 | 14.295468 | 0.069952 | 0.9896% | 1977 | 14.155385 | 0.070644 | 0.9103% |
| 1976 | 14.027686 | 0.071288 | 0.8394% | 1975 | 13.910912 | 0.071886 | 0.9042% |
| 1974 | 13.786261 | 0.072536 | 1.1568% | 1973 | 13.628607 | 0.073375 | 0.9427% |
| 1972 | 13.501329 | 0.074067 | 0.7426% | 1971 | 13.401803 | 0.074617 | 1.4697% |
| 1970 | 13.207684 | 0.075713 | 0.6968% | 1969 | 13.116287 | 0.076241 | 0.8565% |
| 1968 | 13.004895 | 0.076894 | 1.5090% | 1967 | 12.811564 | 0.078054 | 0.9949% |
| 1966 | 12.685356 | 0.078831 | 1.0575% | 1965 | 12.552616 | 0.079665 | 1.1300% |
| 1964 | 12.412355 | 0.080565 | 1.5537% | 1963 | 12.222460 | 0.081817 | 1.4658% |
| 1962 | 12.045889 | 0.083016 | 1.5364% | 1961 | 11.863613 | 0.084291 | 2.1586% |
| 1960 | 11.612931 | 0.086111 | -1.6655% | 1959 | 11.809619 | 0.084677 | 4.3080% |
| 1958 | 11.321873 | 0.088325 | 2.1130% | 1957 | 11.087596 | 0.090191 | 1.9895% |
| 1956 | 10.871312 | 0.091985 | 2.1231% | 1955 | 10.645302 | 0.093938 | 1.4496% |
| 1954 | 10.493192 | 0.095300 | 2.1573% | 1953 | 10.271607 | 0.097356 | 1.2298% |
| 1952 | 10.146826 | 0.098553 | 1.6814% | 1951 | 9.979041 | 0.100210 | 1.6233% |
| 1950 | 9.819641 | 0.101837 | 1.4265% | 1949 | 9.681531 | 0.103289 | 1.7790% |
| 1948 | 9.512303 | 0.105127 | 1.8242% | 1947 | 9.341892 | 0.107045 | -2.6320% |
| 1946 | 9.594421 | 0.104227 | 3.1768% | 1945 | 9.299010 | 0.107538 | 6.4754% |
| 1944 | 8.733480 | 0.114502 | -0.3437% | 1943 | 8.763599 | 0.114108 | 0.6562% |
| 1942 | 8.706465 | 0.114857 | 0.6633% | 1941 | 8.649096 | 0.115619 | -5.6614% |
| 1940 | 9.168143 | 0.109073 | 8.0381% | 1939 | 8.486027 | 0.117841 | 0.8126% |
| 1938 | 8.417623 | 0.118798 | 0.7762% | 1937 | 8.352785 | 0.119721 | 0.6029% |
| 1936 | 8.302730 | 0.120442 | 0.5244% | 1935 | 8.259418 | 0.121074 | -3.0364% |
| 1934 | 8.518057 | 0.117398 | 4.6271% | 1933 | 8.141347 | 0.122830 | 1.3921% |
| 1932 | 8.029566 | 0.124540 | -0.2051% | 1931 | 8.046068 | 0.124284 | 0.8886% |
| 1930 | 7.975200 | 0.125389 | 1.0126% | 1929 | 7.895254 | 0.126658 | 1.1526% |
| 1928 | 7.805291 | 0.128118 | 1.2160% | 1927 | 7.711519 | 0.129676 | 1.4086% |
| 1926 | 7.604404 | 0.131503 | 1.7667% | 1925 | 7.472391 | 0.133826 | 1.4465% |
| 1924 | 7.365843 | 0.135762 | 1.7700% | 1923 | 7.237737 | 0.138165 | 1.6165% |
| 1922 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 7.122599 | 0.140398 | 1.3736% | 1921 | 7.026086 | 0.142327 | 2.3393% | 1920 |
| 6.865481 | 0.145656 | 1.3140% | 1919 | 6.776438 | 0.147570 | 0.7676% | 1918 |
| 6.724815 | 0.148703 | 0.3870% | 1917 | 6.698891 | 0.149278 | 1.3274% | 1916 |
| 6.611133 | 0.151260 | 1.4083% | 1915 | 6.519322 | 0.153390 | 1.4458% | 1914 |
| 6.426409 | 0.155608 | 1.9424% | 1913 | 6.303962 | 0.158630 | 1.9857% | 1912 |
| 6.181223 | 0.161780 | 1.5634% | 1911 | 6.086073 | 0.164310 | 1.8169% | 1910 |
| 5.977467 | 0.167295 | 1.8781% | 1909 | 5.867276 | 0.170437 | 2.0082% | 1908 |
| 5.751767 | 0.173860 | 1.9603% | 1907 | 5.641185 | 0.177268 | 1.8264% | 1906 |
| 5.540005 | 0.180505 | 1.9357% | 1905 | 5.434805 | 0.183999 | 2.0148% | 1904 |
| 5.327465 | 0.187707 | 2.1335% | 1903 | 5.216177 | 0.191711 | 1.8151% | 1902 |
| 5.123183 | 0.195191 | 1.8943% | 1901 | 5.027937 | 0.198889 | 3.0255% | 1900 |
| 4.880284 | 0.204906 | 0.6278% | 1899 | 4.849835 | 0.206193 | 1.7757% | 1898 |
| 4.765221 | 0.209854 | 1.8078% | 1897 | 4.680607 | 0.213648 | 1.8396% | 1896 |
| 4.596058 | 0.217578 | 1.8755% | 1895 | 4.511444 | 0.221659 | 1.9114% | 1894 |
| 4.426830 | 0.225895 | 1.9486% | 1893 | 4.342216 | 0.230297 | 1.9858% | 1892 |
| 4.257667 | 0.234870 | 2.0276% | 1891 | 4.173053 | 0.239633 | 2.6465% | 1890 |
| 4.065460 | 0.245975 | 1.5328% | 1889 | 4.004085 | 0.249745 | 2.0811% | 1888 |
| 3.922453 | 0.254942 | 2.1599% | 1887 | 3.839525 | 0.260449 | 2.2075% | 1886 |
| 3.756597 | 0.266198 | 2.2592% | 1885 | 3.673604 | 0.272212 | 2.3095% | 1884 |
| 3.590676 | 0.278499 | 2.3641% | 1883 | 3.507748 | 0.285083 | 2.4214% | 1882 |
| 3.424820 | 0.291986 | 2.4815% | 1881 | 3.341892 | 0.299232 | 3.7644% | 1880 |
| 3.220654 | 0.310496 | 0.9432% | 1879 | 3.190560 | 0.313425 | 2.1464% | 1878 |
| 3.123517 | 0.320152 | 2.1913% | 1877 | 3.056539 | 0.327167 | 2.2426% | 1876 |
| 2.989496 | 0.334505 | 2.2941% | 1875 | 2.922453 | 0.342178 | 2.3456% | 1874 |
| 2.855476 | 0.350204 | 2.4043% | 1873 | 2.788433 | 0.358624 | 2.4635% | 1872 |
| 2.721390 | 0.367459 | 2.5258% | 1871 | 2.654347 | 0.376740 | 5.9947% | 1870 |
| 2.504227 | 0.399325 | -1.0968% | 1869 | 2.531998 | 0.394945 | 2.1930% | 1868 |
| 2.477663 | 0.403606 | 2.2394% | 1867 | 2.423394 | 0.412644 | 2.2935% | 1866 |
| 2.369059 | 0.422108 | 2.3445% | 1865 | 2.314790 | 0.432005 | 2.4037% | 1864 |
| 2.260455 | 0.442389 | 2.4599% | 1863 | 2.206186 | 0.453271 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.151851 | 0.464716 | 2.5872% | 1861 | 2.097582 | 0.476740 | 2.9504% | 1860 |
| 2.037468 | 0.490805 | 2.4012% | 1859 | 1.989691 | 0.502591 | 2.7627% | 1858 |
| 1.936199 | 0.516476 | 2.8412% | 1857 | 1.882708 | 0.531150 | 2.9243% | 1856 |
| 1.829216 | 0.546682 | 3.0161% | 1855 | 1.775660 | 0.563171 | 3.1061% | 1854 |
| 1.722168 | 0.580663 | 3.2056% | 1853 | 1.668677 | 0.599277 | 3.3118% | 1852 |
| 1.615185 | 0.619124 | 3.4252% | 1851 | 1.561694 | 0.640330 | 4.0106% | 1850 |
| 1.501475 | 0.666012 | 2.3254% | 1849 | 1.467354 | 0.681499 | 2.7841% | 1848 |
| 1.427608 | 0.700472 | 2.8590% | 1847 | 1.387927 | 0.720499 | 2.9432% | 1846 |
| 1.348246 | 0.741704 | 3.0324% | 1845 | 1.308565 | 0.764196 | 3.1325% | 1844 |
| 1.268819 | 0.788134 | 3.2284% | 1843 | 1.229138 | 0.813578 | 3.3361% | 1842 |
| 1.189457 | 0.840720 | 3.4512% | 1841 | 1.149776 | 0.869734 | 3.8105% | 1840 |
| 1.107572 | 0.902876 | 2.3861% | 1839 | 1.081761 | 0.924419 | 2.5824% | 1838 |
| 1.054529 | 0.948291 | 2.6573% | 1837 | 1.027232 | 0.973490 | 2.7232% | 1836 |
| 1.000000 | 1.000000 | 2.7994% | 1835 | 0.972768 | 1.027994 | 2.8871% | 1834 |
| 0.945471 | 1.057674 | 2.9657% | 1833 | 0.918239 | 1.089041 | 3.0563% | 1832 |
| 0.891007 | 1.122326 | 3.1604% | 1831 | 0.863710 | 1.157796 | 3.4660% | 1830 |
| 0.834777 | 1.197925 | 2.4653% | 1829 | 0.814692 | 1.227457 | 2.6804% | 1828 |
| 0.793425 | 1.260358 | 10.3427% | 1827 | 0.719056 | 1.390712 | -4.2314% | 1826 |
| 0.750827 | 1.331865 | 2.9150% | 1825 | 0.729560 | 1.370690 | 3.0026% | 1824 |
| 0.708293 | 1.411845 | 3.0955% | 1823 | 0.687026 | 1.455549 | 3.1944% | 1822 |
| 0.665759 | 1.502045 | 3.3102% | 1821 | 0.644427 | 1.551766 | 3.2277% | 1820 |
| 0.624277 | 1.601853 | 2.6573% | 1819 | 0.608118 | 1.644418 | 2.6261% | 1818 |
| 0.592557 | 1.687603 | 2.6969% | 1817 | 0.576995 | 1.733116 | 2.7717% | 1816 |
| 0.561434 | 1.781153 | 2.8507% | 1815 | 0.545873 | 1.831928 | 2.9343% | 1814 |
| 0.530312 | 1.885683 | 3.0231% | 1813 | 0.514751 | 1.942688 | 3.1039% | 1812 |
| 0.499254 | 2.002987 | 3.2172% | 1811 | 0.483693 | 2.067426 | 3.0969% | 1810 |
| 0.469164 | 2.131453 | 2.9144% | 1809 | 0.455878 | 2.193571 | 2.8225% | 1808 |
| 0.443364 | 2.255484 | 2.9199% | 1807 | 0.430785 | 2.321343 | 2.9918% | 1806 |
| 0.418271 | 2.390792 | 3.0841% | 1805 | 0.405758 | 2.464525 | 3.1822% | 1804 |
| 0.393244 | 2.542951 | 3.2868% | 1803 | 0.380730 | 2.626533 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.368216 | 2.715795 | 3.5180% | 1801 | 0.355703 | 2.811338 | 3.3999% | 1800 |
| 0.344006 | 2.906922 | 2.8419% | 1799 | 0.334500 | 2.989533 | 2.7485% | 1798 |
| 0.325553 | 3.071699 | 2.8261% | 1797 | 0.316605 | 3.158509 | 3.7832% | 1796 |
| 0.305064 | 3.278002 | 2.1272% | 1795 | 0.298710 | 3.347732 | 3.0879% | 1794 |
| 0.289762 | 3.451108 | 3.1625% | 1793 | 0.280879 | 3.560249 | 3.2904% | 1792 |
| 0.271932 | 3.677396 | 3.4024% | 1791 | 0.262984 | 3.802515 | 3.2296% | 1790 |
| 0.254756 | 3.925319 | 41.3145% | 1780 | 0.180276 | 5.547044 | 29.4353% | 1770 |
| 0.139279 | 7.179833 | 83.4728% | 1750 | 0.075913 | 13.173044 | 29.2845% | 1740 |
| 0.058717 | 17.030698 | 94.2514% | 1720 | 0.030228 | 33.082368 | 85.8111% | 1700 |
| 0.016268 | 61.470705 | 19.2490% | 1690 | 0.013642 | 73.303232 | 88.0250% | 1670 |
| 0.007255 | 137.828418 | | | | | | |

BASE YEAR: 1835

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 20.091338 | 0.049773 | 8.2857% | 2001 | 18.554016 | 0.053897 | 1.0000% |
| 2000 | 18.370311 | 0.054436 | 1.0000% | 1999 | 18.188426 | 0.054980 | 1.0000% |
| 1998 | 18.008343 | 0.055530 | 1.0000% | 1997 | 17.830043 | 0.056085 | 1.0000% |
| 1996 | 17.653507 | 0.056646 | 1.0000% | 1995 | 17.478720 | 0.057212 | 0.9992% |
| 1994 | 17.305797 | 0.057784 | 1.0008% | 1993 | 17.134320 | 0.058362 | 1.0000% |
| 1992 | 16.964674 | 0.058946 | 0.9295% | 1991 | 16.808438 | 0.059494 | 1.2505% |
| 1990 | 16.600842 | 0.060238 | 0.7224% | 1989 | 16.481770 | 0.060673 | 1.1077% |
| 1988 | 16.301206 | 0.061345 | 0.8834% | 1987 | 16.158468 | 0.061887 | 0.5594% |
| 1986 | 16.068586 | 0.062233 | 1.3056% | 1985 | 15.861494 | 0.063046 | 0.7673% |
| 1984 | 15.740719 | 0.063530 | 0.8149% | 1983 | 15.613477 | 0.064047 | 0.9737% |
| 1982 | 15.462907 | 0.064671 | 0.9508% | 1981 | 15.317270 | 0.065286 | 0.9031% |
| 1980 | 15.180183 | 0.065875 | 2.2701% | 1979 | 14.843231 | 0.067371 | 1.0042% |
| 1978 | 14.695661 | 0.068047 | 0.9896% | 1977 | 14.551656 | 0.068721 | 0.9103% |
| 1976 | 14.420383 | 0.069346 | 0.8394% | 1975 | 14.300340 | 0.069928 | 0.9042% |
| 1974 | 14.172199 | 0.070561 | 1.1568% | 1973 | 14.010131 | 0.071377 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 13.879291 | 0.072050 | 0.7426% | 1971 | 13.776978 | 0.072585 | 1.4697% |
| 1970 | 13.577425 | 0.073652 | 0.6968% | 1969 | 13.483470 | 0.074165 | 0.8565% |
| 1968 | 13.368960 | 0.074800 | 1.5090% | 1967 | 13.170216 | 0.075929 | 0.9949% |
| 1966 | 13.040475 | 0.076684 | 1.0575% | 1965 | 12.904019 | 0.077495 | 1.1300% |
| 1964 | 12.759831 | 0.078371 | 1.5537% | 1963 | 12.564620 | 0.079589 | 1.4658% |
| 1962 | 12.383107 | 0.080755 | 1.5364% | 1961 | 12.195728 | 0.081996 | 2.1586% |
| 1960 | 11.938029 | 0.083766 | -1.6655% | 1959 | 12.140222 | 0.082371 | 4.3080% |
| 1958 | 11.638822 | 0.085919 | 2.1130% | 1957 | 11.397987 | 0.087735 | 1.9895% |
| 1956 | 11.175648 | 0.089480 | 2.1231% | 1955 | 10.943311 | 0.091380 | 1.4496% |
| 1954 | 10.786943 | 0.092705 | 2.1573% | 1953 | 10.559155 | 0.094705 | 1.2298% |
| 1952 | 10.430880 | 0.095869 | 1.6814% | 1951 | 10.258398 | 0.097481 | 1.6233% |
| 1950 | 10.094536 | 0.099063 | 1.4265% | 1949 | 9.952559 | 0.100477 | 1.7790% |
| 1948 | 9.778594 | 0.102264 | 1.8242% | 1947 | 9.603413 | 0.104130 | -2.6320% |
| 1946 | 9.863011 | 0.101389 | 3.1768% | 1945 | 9.559330 | 0.104610 | 6.4754% |
| 1944 | 8.977969 | 0.111384 | -0.3437% | 1943 | 9.008930 | 0.111001 | 0.6562% |
| 1942 | 8.950197 | 0.111729 | 0.6633% | 1941 | 8.891222 | 0.112470 | -5.6614% |
| 1940 | 9.424800 | 0.106103 | 8.0381% | 1939 | 8.723589 | 0.114632 | 0.8126% |
| 1938 | 8.653269 | 0.115563 | 0.7762% | 1937 | 8.586616 | 0.116460 | 0.6029% |
| 1936 | 8.535160 | 0.117162 | 0.5244% | 1935 | 8.490635 | 0.117777 | -3.0364% |
| 1934 | 8.756515 | 0.114201 | 4.6271% | 1933 | 8.369259 | 0.119485 | 1.3921% |
| 1932 | 8.254349 | 0.121148 | -0.2051% | 1931 | 8.271312 | 0.120900 | 0.8886% |
| 1930 | 8.198461 | 0.121974 | 1.0126% | 1929 | 8.116277 | 0.123209 | 1.1526% |
| 1928 | 8.023795 | 0.124629 | 1.2160% | 1927 | 7.927398 | 0.126145 | 1.4086% |
| 1926 | 7.817285 | 0.127922 | 1.7667% | 1925 | 7.681576 | 0.130182 | 1.4465% |
| 1924 | 7.572046 | 0.132065 | 1.7700% | 1923 | 7.440354 | 0.134402 | 1.6165% |
| 1922 | 7.321992 | 0.136575 | 1.3736% | 1921 | 7.222777 | 0.138451 | 2.3393% |
| 1920 | 7.057676 | 0.141690 | 1.3140% | 1919 | 6.966140 | 0.143552 | 0.7676% |
| 1918 | 6.913072 | 0.144653 | 0.3870% | 1917 | 6.886423 | 0.145213 | 1.3274% |
| 1916 | 6.796207 | 0.147141 | 1.4083% | 1915 | 6.701826 | 0.149213 | 1.4458% |
| 1914 | 6.606312 | 0.151370 | 1.9424% | 1913 | 6.480437 | 0.154311 | 1.9857% |
| 1912 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 6.354262 | 0.157375 | 1.5634% | 1911 | 6.256449 | 0.159835 | 1.8169% | 1910 |
| 6.144803 | 0.162739 | 1.8781% | 1909 | 6.031527 | 0.165795 | 2.0082% | 1908 |
| 5.912784 | 0.169125 | 1.9603% | 1907 | 5.799107 | 0.172440 | 1.8264% | 1906 |
| 5.695094 | 0.175590 | 1.9357% | 1905 | 5.586949 | 0.178989 | 2.0148% | 1904 |
| 5.476605 | 0.182595 | 2.1335% | 1903 | 5.362201 | 0.186491 | 1.8151% | 1902 |
| 5.266604 | 0.189876 | 1.8943% | 1901 | 5.168691 | 0.193473 | 3.0255% | 1900 |
| 5.016904 | 0.199326 | 0.6278% | 1899 | 4.985603 | 0.200578 | 1.7757% | 1898 |
| 4.898620 | 0.204139 | 1.8078% | 1897 | 4.811638 | 0.207829 | 1.8396% | 1896 |
| 4.724722 | 0.211653 | 1.8755% | 1895 | 4.637739 | 0.215622 | 1.9114% | 1894 |
| 4.550757 | 0.219744 | 1.9486% | 1893 | 4.463774 | 0.224026 | 1.9858% | 1892 |
| 4.376858 | 0.228474 | 2.0276% | 1891 | 4.289875 | 0.233107 | 2.6465% | 1890 |
| 4.179270 | 0.239276 | 1.5328% | 1889 | 4.116177 | 0.242944 | 2.0811% | 1888 |
| 4.032260 | 0.248000 | 2.1599% | 1887 | 3.947011 | 0.253356 | 2.2075% | 1886 |
| 3.861761 | 0.258949 | 2.2592% | 1885 | 3.776445 | 0.264799 | 2.3095% | 1884 |
| 3.691195 | 0.270915 | 2.3641% | 1883 | 3.605945 | 0.277320 | 2.4214% | 1882 |
| 3.520696 | 0.284035 | 2.4815% | 1881 | 3.435446 | 0.291083 | 3.7644% | 1880 |
| 3.310814 | 0.302041 | 0.9432% | 1879 | 3.279877 | 0.304889 | 2.1464% | 1878 |
| 3.210958 | 0.311434 | 2.1913% | 1877 | 3.142105 | 0.318258 | 2.2426% | 1876 |
| 3.073185 | 0.325395 | 2.2941% | 1875 | 3.004266 | 0.332860 | 2.3456% | 1874 |
| 2.935413 | 0.340668 | 2.4043% | 1873 | 2.866493 | 0.348858 | 2.4635% | 1872 |
| 2.797574 | 0.357453 | 2.5258% | 1871 | 2.728654 | 0.366481 | 5.9947% | 1870 |
| 2.574331 | 0.388450 | -1.0968% | 1869 | 2.602879 | 0.384190 | 2.1930% | 1868 |
| 2.547024 | 0.392615 | 2.2394% | 1867 | 2.491235 | 0.401407 | 2.2935% | 1866 |
| 2.435380 | 0.410614 | 2.3445% | 1865 | 2.379591 | 0.420240 | 2.4037% | 1864 |
| 2.323735 | 0.430342 | 2.4599% | 1863 | 2.267946 | 0.440928 | 2.5250% | 1862 |
| 2.212091 | 0.452061 | 2.5872% | 1861 | 2.156302 | 0.463757 | 2.9504% | 1860 |
| 2.094506 | 0.477440 | 2.4012% | 1859 | 2.045391 | 0.488904 | 2.7627% | 1858 |
| 1.990402 | 0.502411 | 2.8412% | 1857 | 1.935413 | 0.516686 | 2.9243% | 1856 |
| 1.880424 | 0.531795 | 3.0161% | 1855 | 1.825368 | 0.547835 | 3.1061% | 1854 |
| 1.770379 | 0.564851 | 3.2056% | 1853 | 1.715390 | 0.582958 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.660401 | 0.602264 | 3.4252% | 1851 | 1.605412 | 0.622893 | 4.0106% | 1850 |
| 1.543508 | 0.647875 | 2.3254% | 1849 | 1.508432 | 0.662940 | 2.7841% | 1848 |
| 1.467573 | 0.681397 | 2.8590% | 1847 | 1.426781 | 0.700878 | 2.9432% | 1846 |
| 1.385989 | 0.721506 | 3.0324% | 1845 | 1.345198 | 0.743385 | 3.1325% | 1844 |
| 1.304339 | 0.766672 | 3.2284% | 1843 | 1.263547 | 0.791423 | 3.3361% | 1842 |
| 1.222755 | 0.817825 | 3.4512% | 1841 | 1.181964 | 0.846050 | 3.8105% | 1840 |
| 1.138578 | 0.878288 | 2.3861% | 1839 | 1.112044 | 0.899245 | 2.5824% | 1838 |
| 1.084050 | 0.922467 | 2.6573% | 1837 | 1.055989 | 0.946980 | 2.7232% | 1836 |
| 1.027994 | 0.972768 | 2.7994% | 1835 | 1.000000 | 1.000000 | 2.8871% | 1834 |
| 0.971939 | 1.028871 | 2.9657% | 1833 | 0.943945 | 1.059384 | 3.0563% | 1832 |
| 0.915950 | 1.091762 | 3.1604% | 1831 | 0.887889 | 1.126267 | 3.4660% | 1830 |
| 0.858146 | 1.165303 | 2.4653% | 1829 | 0.837499 | 1.194031 | 2.6804% | 1828 |
| 0.815637 | 1.226036 | 10.3427% | 1827 | 0.739185 | 1.352840 | -4.2314% | 1826 |
| 0.771846 | 1.295596 | 2.9150% | 1825 | 0.749983 | 1.333363 | 3.0026% | 1824 |
| 0.728121 | 1.373398 | 3.0955% | 1823 | 0.706259 | 1.415912 | 3.1944% | 1822 |
| 0.684396 | 1.461141 | 3.3102% | 1821 | 0.662468 | 1.509508 | 3.2277% | 1820 |
| 0.641753 | 1.558231 | 2.6573% | 1819 | 0.625142 | 1.599637 | 2.6261% | 1818 |
| 0.609145 | 1.641646 | 2.6969% | 1817 | 0.593148 | 1.685920 | 2.7717% | 1816 |
| 0.577151 | 1.732648 | 2.8507% | 1815 | 0.561154 | 1.782041 | 2.9343% | 1814 |
| 0.545158 | 1.834332 | 3.0231% | 1813 | 0.529161 | 1.889785 | 3.1039% | 1812 |
| 0.513231 | 1.948442 | 3.2172% | 1811 | 0.497234 | 2.011126 | 3.0969% | 1810 |
| 0.482298 | 2.073409 | 2.9144% | 1809 | 0.468640 | 2.133836 | 2.8225% | 1808 |
| 0.455776 | 2.194063 | 2.9199% | 1807 | 0.442845 | 2.258128 | 2.9918% | 1806 |
| 0.429981 | 2.325686 | 3.0841% | 1805 | 0.417117 | 2.397411 | 3.1822% | 1804 |
| 0.404252 | 2.473702 | 3.2868% | 1803 | 0.391388 | 2.555007 | 3.3985% | 1802 |
| 0.378524 | 2.641838 | 3.5180% | 1801 | 0.365660 | 2.734779 | 3.3999% | 1800 |
| 0.353637 | 2.827760 | 2.8419% | 1799 | 0.343865 | 2.908122 | 2.7485% | 1798 |
| 0.334666 | 2.988050 | 2.8261% | 1797 | 0.325468 | 3.072496 | 3.7832% | 1796 |
| 0.313604 | 3.188735 | 2.1272% | 1795 | 0.307072 | 3.256566 | 3.0879% | 1794 |
| 0.297874 | 3.357127 | 3.1625% | 1793 | 0.288742 | 3.463296 | 3.2904% | 1792 |

0.279544 3.577253 3.4024% 1791 0.270346 3.698964 3.2296% 1790
0.261888 3.818425 41.3145% 1780 0.185323 5.395986 29.4353% 1770
0.143178 6.984312 83.4728% 1750 0.078038 12.814315 29.2845% 1740
0.060361 16.566917 94.2514% 1720 0.031074 32.181467 85.8111% 1700
0.016723 59.796732 19.2490% 1690 0.014024 71.307034 88.0250% 1670
0.007459 134.075067

BASE YEAR: 1834

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 20.671400 | 0.048376 | 8.2857% | 2001 | 19.089693 | 0.052384 | 1.0000% |
| 2000 | 18.900684 | 0.052908 | 1.0000% | 1999 | 18.713548 | 0.053437 | 1.0000% |
| 1998 | 18.528266 | 0.053972 | 1.0000% | 1997 | 18.344818 | 0.054511 | 1.0000% |
| 1996 | 18.163186 | 0.055056 | 1.0000% | 1995 | 17.983352 | 0.055607 | 0.9992% |
| 1994 | 17.805436 | 0.056163 | 1.0008% | 1993 | 17.629009 | 0.056725 | 1.0000% |
| 1992 | 17.454464 | 0.057292 | 0.9295% | 1991 | 17.293718 | 0.057824 | 1.2505% |
| 1990 | 17.080129 | 0.058548 | 0.7224% | 1989 | 16.957619 | 0.058971 | 1.1077% |
| 1988 | 16.771842 | 0.059624 | 0.8834% | 1987 | 16.624983 | 0.060150 | 0.5594% |
| 1986 | 16.532506 | 0.060487 | 1.3056% | 1985 | 16.319435 | 0.061277 | 0.7673% |
| 1984 | 16.195172 | 0.061747 | 0.8149% | 1983 | 16.064257 | 0.062250 | 0.9737% |
| 1982 | 15.909340 | 0.062856 | 0.9508% | 1981 | 15.759498 | 0.063454 | 0.9031% |
| 1980 | 15.618453 | 0.064027 | 2.2701% | 1979 | 15.271773 | 0.065480 | 1.0042% |
| 1978 | 15.119942 | 0.066138 | 0.9896% | 1977 | 14.971780 | 0.066792 | 0.9103% |
| 1976 | 14.836716 | 0.067400 | 0.8394% | 1975 | 14.713208 | 0.067966 | 0.9042% |
| 1974 | 14.581367 | 0.068581 | 1.1568% | 1973 | 14.414621 | 0.069374 | 0.9427% |
| 1972 | 14.280003 | 0.070028 | 0.7426% | 1971 | 14.174736 | 0.070548 | 1.4697% |
| 1970 | 13.969422 | 0.071585 | 0.6968% | 1969 | 13.872754 | 0.072084 | 0.8565% |
| 1968 | 13.754938 | 0.072701 | 1.5090% | 1967 | 13.550456 | 0.073798 | 0.9949% |
| 1966 | 13.416970 | 0.074532 | 1.0575% | 1965 | 13.276574 | 0.075321 | 1.1300% |
| 1964 | 13.128223 | 0.076172 | 1.5537% | 1963 | 12.927376 | 0.077355 | 1.4658% |
| 1962 | 12.740622 | 0.078489 | 1.5364% | 1961 | 12.547833 | 0.079695 | 2.1586% |
| 1960 | 12.282694 | 0.081415 | -1.6655% | 1959 | 12.490725 | 0.080059 | 4.3080% |
| 1958 | 11.974849 | 0.083508 | 2.1130% | 1957 | 11.727061 | 0.085273 | 1.9895% |
| 1956 | 11.498303 | 0.086969 | 2.1231% | 1955 | 11.259258 | 0.088816 | 1.4496% |
| 1954 | 11.098375 | 0.090103 | 2.1573% | 1953 | 10.864010 | 0.092047 | 1.2298% |
| 1952 | 10.732033 | 0.093179 | 1.6814% | 1951 | 10.554571 | 0.094746 | 1.6233% |
| 1950 | 10.385978 | 0.096284 | 1.4265% | 1949 | 10.239902 | 0.097657 | 1.7790% |
| 1948 | 10.060914 | 0.099395 | 1.8242% | 1947 | 9.880675 | 0.101208 | -2.6320% |
| 1946 | 10.147768 | 0.098544 | 3.1768% | 1945 | 9.835319 | 0.101674 | 6.4754% |
| 1944 | 9.237174 | 0.108258 | -0.3437% | 1943 | 9.269029 | 0.107886 | 0.6562% |
| | | | | 1942 | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 9.208600 | 0.108594 | 0.6633% | 1941 | 9.147922 | 0.109314 | -5.6614% | 1940 |
| 9.696905 | 0.103126 | 8.0381% | 1939 | 8.975449 | 0.111415 | 0.8126% | 1938 |
| 8.903100 | 0.112320 | 0.7762% | 1937 | 8.834522 | 0.113192 | 0.6029% | 1936 |
| 8.781580 | 0.113875 | 0.5244% | 1935 | 8.735770 | 0.114472 | -3.0364% | 1934 |
| 9.009327 | 0.110996 | 4.6271% | 1933 | 8.610890 | 0.116132 | 1.3921% | 1932 |
| 8.492662 | 0.117749 | -0.2051% | 1931 | 8.510115 | 0.117507 | 0.8886% | 1930 |
| 8.435161 | 0.118551 | 1.0126% | 1929 | 8.350603 | 0.119752 | 1.1526% | 1928 |
| 8.255452 | 0.121132 | 1.2160% | 1927 | 8.156271 | 0.122605 | 1.4086% | 1926 |
| 8.042979 | 0.124332 | 1.7667% | 1925 | 7.903352 | 0.126529 | 1.4465% | 1924 |
| 7.790660 | 0.128359 | 1.7700% | 1923 | 7.655166 | 0.130631 | 1.6165% | 1922 |
| 7.533387 | 0.132742 | 1.3736% | 1921 | 7.431307 | 0.134566 | 2.3393% | 1920 |
| 7.261439 | 0.137714 | 1.3140% | 1919 | 7.167261 | 0.139523 | 0.7676% | 1918 |
| 7.112661 | 0.140594 | 0.3870% | 1917 | 7.085242 | 0.141138 | 1.3274% | 1916 |
| 6.992422 | 0.143012 | 1.4083% | 1915 | 6.895316 | 0.145026 | 1.4458% | 1914 |
| 6.797044 | 0.147123 | 1.9424% | 1913 | 6.667535 | 0.149980 | 1.9857% | 1912 |
| 6.537718 | 0.152959 | 1.5634% | 1911 | 6.437080 | 0.155350 | 1.8169% | 1910 |
| 6.322211 | 0.158173 | 1.8781% | 1909 | 6.205665 | 0.161143 | 2.0082% | 1908 |
| 6.083493 | 0.164379 | 1.9603% | 1907 | 5.966534 | 0.167601 | 1.8264% | 1906 |
| 5.859519 | 0.170662 | 1.9357% | 1905 | 5.748251 | 0.173966 | 2.0148% | 1904 |
| 5.634721 | 0.177471 | 2.1335% | 1903 | 5.517014 | 0.181257 | 1.8151% | 1902 |
| 5.418657 | 0.184548 | 1.8943% | 1901 | 5.317917 | 0.188044 | 3.0255% | 1900 |
| 5.161749 | 0.193733 | 0.6278% | 1899 | 5.129543 | 0.194949 | 1.7757% | 1898 |
| 5.040049 | 0.198411 | 1.8078% | 1897 | 4.950555 | 0.201998 | 1.8396% | 1896 |
| 4.861130 | 0.205713 | 1.8755% | 1895 | 4.771636 | 0.209572 | 1.9114% | 1894 |
| 4.682142 | 0.213577 | 1.9486% | 1893 | 4.592648 | 0.217739 | 1.9858% | 1892 |
| 4.503223 | 0.222063 | 2.0276% | 1891 | 4.413729 | 0.226566 | 2.6465% | 1890 |
| 4.299931 | 0.232562 | 1.5328% | 1889 | 4.235016 | 0.236127 | 2.0811% | 1888 |
| 4.148676 | 0.241041 | 2.1599% | 1887 | 4.060966 | 0.246247 | 2.2075% | 1886 |
| 3.973255 | 0.251683 | 2.2592% | 1885 | 3.885475 | 0.257369 | 2.3095% | 1884 |
| 3.797764 | 0.263313 | 2.3641% | 1883 | 3.710053 | 0.269538 | 2.4214% | 1882 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.622343 | 0.276064 | 2.4815% | 1881 | 3.534632 | 0.282915 | 3.7644% | 1880 |
| 3.406401 | 0.293565 | 0.9432% | 1879 | 3.374571 | 0.296334 | 2.1464% | 1878 |
| 3.303662 | 0.302694 | 2.1913% | 1877 | 3.232821 | 0.309327 | 2.2426% | 1876 |
| 3.161912 | 0.316264 | 2.2941% | 1875 | 3.091003 | 0.323520 | 2.3456% | 1874 |
| 3.020162 | 0.331108 | 2.4043% | 1873 | 2.949253 | 0.339069 | 2.4635% | 1872 |
| 2.878343 | 0.347422 | 2.5258% | 1871 | 2.807434 | 0.356197 | 5.9947% | 1870 |
| 2.648656 | 0.377550 | -1.0968% | 1869 | 2.678028 | 0.373409 | 2.1930% | 1868 |
| 2.620560 | 0.381598 | 2.2394% | 1867 | 2.563160 | 0.390143 | 2.2935% | 1866 |
| 2.505692 | 0.399091 | 2.3445% | 1865 | 2.448292 | 0.408448 | 2.4037% | 1864 |
| 2.390824 | 0.418266 | 2.4599% | 1863 | 2.333425 | 0.428555 | 2.5250% | 1862 |
| 2.275957 | 0.439376 | 2.5872% | 1861 | 2.218557 | 0.450743 | 2.9504% | 1860 |
| 2.154977 | 0.464042 | 2.4012% | 1859 | 2.104444 | 0.475185 | 2.7627% | 1858 |
| 2.047867 | 0.488313 | 2.8412% | 1857 | 1.991291 | 0.502187 | 2.9243% | 1856 |
| 1.934714 | 0.516872 | 3.0161% | 1855 | 1.878069 | 0.532462 | 3.1061% | 1854 |
| 1.821492 | 0.549000 | 3.2056% | 1853 | 1.764916 | 0.566599 | 3.3118% | 1852 |
| 1.708339 | 0.585364 | 3.4252% | 1851 | 1.651762 | 0.605414 | 4.0106% | 1850 |
| 1.588071 | 0.629695 | 2.3254% | 1849 | 1.551982 | 0.644337 | 2.7841% | 1848 |
| 1.509944 | 0.662276 | 2.8590% | 1847 | 1.467974 | 0.681211 | 2.9432% | 1846 |
| 1.426005 | 0.701260 | 3.0324% | 1845 | 1.384035 | 0.722525 | 3.1325% | 1844 |
| 1.341997 | 0.745158 | 3.2284% | 1843 | 1.300027 | 0.769215 | 3.3361% | 1842 |
| 1.258058 | 0.794876 | 3.4512% | 1841 | 1.216088 | 0.822309 | 3.8105% | 1840 |
| 1.171450 | 0.853643 | 2.3861% | 1839 | 1.144150 | 0.874011 | 2.5824% | 1838 |
| 1.115348 | 0.896581 | 2.6573% | 1837 | 1.086476 | 0.920406 | 2.7232% | 1836 |
| 1.057674 | 0.945471 | 2.7994% | 1835 | 1.028871 | 0.971939 | 2.8871% | 1834 |
| 1.000000 | 1.000000 | 2.9657% | 1833 | 0.971197 | 1.029657 | 3.0563% | 1832 |
| 0.942395 | 1.061126 | 3.1604% | 1831 | 0.913524 | 1.094663 | 3.4660% | 1830 |
| 0.882922 | 1.132603 | 2.4653% | 1829 | 0.861679 | 1.160525 | 2.6804% | 1828 |
| 0.839185 | 1.191632 | 10.3427% | 1827 | 0.760527 | 1.314878 | -4.2314% | 1826 |
| 0.794130 | 1.259240 | 2.9150% | 1825 | 0.771636 | 1.295947 | 3.0026% | 1824 |
| 0.749143 | 1.334859 | 3.0955% | 1823 | 0.726649 | 1.376180 | 3.1944% | 1822 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.704156 | 1.420140 | 3.3102% | 1821 | 0.681594 | 1.467150 | 3.2277% | 1820 |
| 0.660282 | 1.514505 | 2.6573% | 1819 | 0.643190 | 1.554750 | 2.6261% | 1818 |
| 0.626732 | 1.595579 | 2.6969% | 1817 | 0.610273 | 1.638611 | 2.7717% | 1816 |
| 0.593814 | 1.684028 | 2.8507% | 1815 | 0.577356 | 1.732035 | 2.9343% | 1814 |
| 0.560897 | 1.782859 | 3.0231% | 1813 | 0.544438 | 1.836755 | 3.1039% | 1812 |
| 0.528048 | 1.893766 | 3.2172% | 1811 | 0.511590 | 1.954692 | 3.0969% | 1810 |
| 0.496222 | 2.015227 | 2.9144% | 1809 | 0.482170 | 2.073958 | 2.8225% | 1808 |
| 0.468934 | 2.132495 | 2.9199% | 1807 | 0.455630 | 2.194762 | 2.9918% | 1806 |
| 0.442395 | 2.260425 | 3.0841% | 1805 | 0.429159 | 2.330137 | 3.1822% | 1804 |
| 0.415924 | 2.404287 | 3.2868% | 1803 | 0.402688 | 2.483311 | 3.3985% | 1802 |
| 0.389453 | 2.567706 | 3.5180% | 1801 | 0.376217 | 2.658039 | 3.3999% | 1800 |
| 0.363847 | 2.748411 | 2.8419% | 1799 | 0.353792 | 2.826517 | 2.7485% | 1798 |
| 0.344329 | 2.904202 | 2.8261% | 1797 | 0.334865 | 2.986279 | 3.7832% | 1796 |
| 0.322658 | 3.099256 | 2.1272% | 1795 | 0.315937 | 3.165183 | 3.0879% | 1794 |
| 0.306474 | 3.262922 | 3.1625% | 1793 | 0.297079 | 3.366113 | 3.2904% | 1792 |
| 0.287615 | 3.476872 | 3.4024% | 1791 | 0.278151 | 3.595168 | 3.2296% | 1790 |
| 0.269449 | 3.711276 | 41.3145% | 1780 | 0.190673 | 5.244569 | 29.4353% | 1770 |
| 0.147312 | 6.788325 | 83.4728% | 1750 | 0.080291 | 12.454732 | 29.2845% | 1740 |
| 0.062104 | 16.102032 | 94.2514% | 1720 | 0.031971 | 31.278421 | 85.8111% | 1700 |
| 0.017206 | 58.118772 | 19.2490% | 1690 | 0.014429 | 69.306084 | 88.0250% | 1670 |
| 0.007674 | 130.312779 | | | | | | |

BASE YEAR: 1833

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 21.284448 | 0.046983 | 8.2857% | 2001 | 19.655832 | 0.050875 | 1.0000% |
| 2000 | 19.461218 | 0.051384 | 1.0000% | 1999 | 19.268533 | 0.051898 | 1.0000% |
| 1998 | 19.077755 | 0.052417 | 1.0000% | 1997 | 18.888867 | 0.052941 | 1.0000% |
| 1996 | 18.701848 | 0.053471 | 1.0000% | 1995 | 18.516681 | 0.054005 | 0.9992% |
| 1994 | 18.333489 | 0.054545 | 1.0008% | 1993 | 18.151830 | 0.055091 | 1.0000% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 17.972108 | 0.055642 | 0.9295% | 1991 | 17.806595 | 0.056159 | 1.2505% |
| 1990 | 17.586671 | 0.056861 | 0.7224% | 1989 | 17.460528 | 0.057272 | 1.1077% |
| 1988 | 17.269242 | 0.057906 | 0.8834% | 1987 | 17.118027 | 0.058418 | 0.5594% |
| 1986 | 17.022808 | 0.058745 | 1.3056% | 1985 | 16.803418 | 0.059512 | 0.7673% |
| 1984 | 16.675470 | 0.059968 | 0.8149% | 1983 | 16.540672 | 0.060457 | 0.9737% |
| 1982 | 16.381161 | 0.061046 | 0.9508% | 1981 | 16.226875 | 0.061626 | 0.9031% |
| 1980 | 16.081647 | 0.062183 | 2.2701% | 1979 | 15.724686 | 0.063594 | 1.0042% |
| 1978 | 15.568352 | 0.064233 | 0.9896% | 1977 | 15.415796 | 0.064869 | 0.9103% |
| 1976 | 15.276726 | 0.065459 | 0.8394% | 1975 | 15.149555 | 0.066009 | 0.9042% |
| 1974 | 15.013805 | 0.066605 | 1.1568% | 1973 | 14.842113 | 0.067376 | 0.9427% |
| 1972 | 14.703502 | 0.068011 | 0.7426% | 1971 | 14.595114 | 0.068516 | 1.4697% |
| 1970 | 14.383711 | 0.069523 | 0.6968% | 1969 | 14.284176 | 0.070008 | 0.8565% |
| 1968 | 14.162865 | 0.070607 | 1.5090% | 1967 | 13.952320 | 0.071673 | 0.9949% |
| 1966 | 13.814874 | 0.072386 | 1.0575% | 1965 | 13.670315 | 0.073151 | 1.1300% |
| 1964 | 13.517565 | 0.073978 | 1.5537% | 1963 | 13.310761 | 0.075127 | 1.4658% |
| 1962 | 13.118468 | 0.076228 | 1.5364% | 1961 | 12.919962 | 0.077400 | 2.1586% |
| 1960 | 12.646960 | 0.079070 | -1.6655% | 1959 | 12.861160 | 0.077753 | 4.3080% |
| 1958 | 12.329985 | 0.081103 | 2.1130% | 1957 | 12.074848 | 0.082817 | 1.9895% |
| 1956 | 11.839306 | 0.084464 | 2.1231% | 1955 | 11.593172 | 0.086258 | 1.4496% |
| 1954 | 11.427517 | 0.087508 | 2.1573% | 1953 | 11.186203 | 0.089396 | 1.2298% |
| 1952 | 11.050311 | 0.090495 | 1.6814% | 1951 | 10.867586 | 0.092017 | 1.6233% |
| 1950 | 10.693993 | 0.093510 | 1.4265% | 1949 | 10.543585 | 0.094844 | 1.7790% |
| 1948 | 10.359289 | 0.096532 | 1.8242% | 1947 | 10.173704 | 0.098293 | -2.6320% |
| 1946 | 10.448718 | 0.095706 | 3.1768% | 1945 | 10.127004 | 0.098746 | 6.4754% |
| 1944 | 9.511119 | 0.105140 | -0.3437% | 1943 | 9.543919 | 0.104779 | 0.6562% |
| 1942 | 9.481698 | 0.105466 | 0.6633% | 1941 | 9.419220 | 0.106166 | -5.6614% |
| 1940 | 9.984485 | 0.100155 | 8.0381% | 1939 | 9.241633 | 0.108206 | 0.8126% |
| 1938 | 9.167137 | 0.109085 | 0.7762% | 1937 | 9.096526 | 0.109932 | 0.6029% |
| 1936 | 9.042014 | 0.110595 | 0.5244% | 1935 | 8.994845 | 0.111175 | -3.0364% |
| 1934 | 9.276515 | 0.107799 | 4.6271% | 1933 | 8.866262 | 0.112787 | 1.3921% |
| 1932 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 8.744528 | 0.114357 | -0.2051% | 1931 | 8.762498 | 0.114123 | 0.8886% | 1930 |
| 8.685321 | 0.115137 | 1.0126% | 1929 | 8.598256 | 0.116303 | 1.1526% | 1928 |
| 8.500282 | 0.117643 | 1.2160% | 1927 | 8.398161 | 0.119074 | 1.4086% | 1926 |
| 8.281509 | 0.120751 | 1.7667% | 1925 | 8.137740 | 0.122884 | 1.4465% | 1924 |
| 8.021706 | 0.124662 | 1.7700% | 1923 | 7.882194 | 0.126868 | 1.6165% | 1922 |
| 7.756803 | 0.128919 | 1.3736% | 1921 | 7.651696 | 0.130690 | 2.3393% | 1920 |
| 7.476791 | 0.133747 | 1.3140% | 1919 | 7.379819 | 0.135505 | 0.7676% | 1918 |
| 7.323600 | 0.136545 | 0.3870% | 1917 | 7.295368 | 0.137073 | 1.3274% | 1916 |
| 7.199795 | 0.138893 | 1.4083% | 1915 | 7.099809 | 0.140849 | 1.4458% | 1914 |
| 6.998623 | 0.142885 | 1.9424% | 1913 | 6.865273 | 0.145661 | 1.9857% | 1912 |
| 6.731606 | 0.148553 | 1.5634% | 1911 | 6.627983 | 0.150875 | 1.8169% | 1910 |
| 6.509707 | 0.153617 | 1.8781% | 1909 | 6.389705 | 0.156502 | 2.0082% | 1908 |
| 6.263910 | 0.159645 | 1.9603% | 1907 | 6.143483 | 0.162774 | 1.8264% | 1906 |
| 6.033293 | 0.165747 | 1.9357% | 1905 | 5.918726 | 0.168955 | 2.0148% | 1904 |
| 5.801829 | 0.172359 | 2.1335% | 1903 | 5.680631 | 0.176037 | 1.8151% | 1902 |
| 5.579357 | 0.179232 | 1.8943% | 1901 | 5.475630 | 0.182627 | 3.0255% | 1900 |
| 5.314830 | 0.188153 | 0.6278% | 1899 | 5.281669 | 0.189334 | 1.7757% | 1898 |
| 5.189521 | 0.192696 | 1.8078% | 1897 | 5.097373 | 0.196179 | 1.8396% | 1896 |
| 5.005296 | 0.199788 | 1.8755% | 1895 | 4.913148 | 0.203535 | 1.9114% | 1894 |
| 4.821000 | 0.207426 | 1.9486% | 1893 | 4.728852 | 0.211468 | 1.9858% | 1892 |
| 4.636774 | 0.215667 | 2.0276% | 1891 | 4.544626 | 0.220040 | 2.6465% | 1890 |
| 4.427453 | 0.225863 | 1.5328% | 1889 | 4.360613 | 0.229326 | 2.0811% | 1888 |
| 4.271713 | 0.234098 | 2.1599% | 1887 | 4.181401 | 0.239154 | 2.2075% | 1886 |
| 4.091089 | 0.244434 | 2.2592% | 1885 | 4.000706 | 0.249956 | 2.3095% | 1884 |
| 3.910394 | 0.255729 | 2.3641% | 1883 | 3.820082 | 0.261774 | 2.4214% | 1882 |
| 3.729770 | 0.268113 | 2.4815% | 1881 | 3.639458 | 0.274766 | 3.7644% | 1880 |
| 3.507424 | 0.285109 | 0.9432% | 1879 | 3.474650 | 0.287799 | 2.1464% | 1878 |
| 3.401638 | 0.293976 | 2.1913% | 1877 | 3.328697 | 0.300418 | 2.2426% | 1876 |
| 3.255684 | 0.307155 | 2.2941% | 1875 | 3.182672 | 0.314201 | 2.3456% | 1874 |
| 3.109730 | 0.321571 | 2.4043% | 1873 | 3.036718 | 0.329303 | 2.4635% | 1872 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.963706 | 0.337415 | 2.5258% | 1871 | 2.890693 | 0.345938 | 5.9947% | 1870 |
| 2.727206 | 0.366676 | -1.0968% | 1869 | 2.757450 | 0.362654 | 2.1930% | 1868 |
| 2.698277 | 0.370607 | 2.2394% | 1867 | 2.639175 | 0.378906 | 2.2935% | 1866 |
| 2.580003 | 0.387596 | 2.3445% | 1865 | 2.520901 | 0.396684 | 2.4037% | 1864 |
| 2.461729 | 0.406219 | 2.4599% | 1863 | 2.402627 | 0.416211 | 2.5250% | 1862 |
| 2.343454 | 0.426721 | 2.5872% | 1861 | 2.284352 | 0.437761 | 2.9504% | 1860 |
| 2.218886 | 0.450677 | 2.4012% | 1859 | 2.166855 | 0.461498 | 2.7627% | 1858 |
| 2.108600 | 0.474248 | 2.8412% | 1857 | 2.050346 | 0.487723 | 2.9243% | 1856 |
| 1.992092 | 0.501985 | 3.0161% | 1855 | 1.933766 | 0.517126 | 3.1061% | 1854 |
| 1.875512 | 0.533188 | 3.2056% | 1853 | 1.817257 | 0.550280 | 3.3118% | 1852 |
| 1.759003 | 0.568504 | 3.4252% | 1851 | 1.700748 | 0.587976 | 4.0106% | 1850 |
| 1.635168 | 0.611558 | 2.3254% | 1849 | 1.598009 | 0.625779 | 2.7841% | 1848 |
| 1.554724 | 0.643201 | 2.8590% | 1847 | 1.511510 | 0.661590 | 2.9432% | 1846 |
| 1.468295 | 0.681062 | 3.0324% | 1845 | 1.425081 | 0.701714 | 3.1325% | 1844 |
| 1.381796 | 0.723696 | 3.2284% | 1843 | 1.338582 | 0.747059 | 3.3361% | 1842 |
| 1.295368 | 0.771981 | 3.4512% | 1841 | 1.252154 | 0.798624 | 3.8105% | 1840 |
| 1.206192 | 0.829056 | 2.3861% | 1839 | 1.178082 | 0.848837 | 2.5824% | 1838 |
| 1.148425 | 0.870758 | 2.6573% | 1837 | 1.118698 | 0.893896 | 2.7232% | 1836 |
| 1.089041 | 0.918239 | 2.7994% | 1835 | 1.059384 | 0.943945 | 2.8871% | 1834 |
| 1.029657 | 0.971197 | 2.9657% | 1833 | 1.000000 | 1.000000 | 3.0563% | 1832 |
| 0.970343 | 1.030563 | 3.1604% | 1831 | 0.940616 | 1.063133 | 3.4660% | 1830 |
| 0.909106 | 1.099981 | 2.4653% | 1829 | 0.887233 | 1.127099 | 2.6804% | 1828 |
| 0.864073 | 1.157310 | 10.3427% | 1827 | 0.783081 | 1.277006 | -4.2314% | 1826 |
| 0.817681 | 1.222971 | 2.9150% | 1825 | 0.794521 | 1.258621 | 3.0026% | 1824 |
| 0.771360 | 1.296412 | 3.0955% | 1823 | 0.748199 | 1.336542 | 3.1944% | 1822 |
| 0.725039 | 1.379236 | 3.3102% | 1821 | 0.701808 | 1.424892 | 3.2277% | 1820 |
| 0.679863 | 1.470884 | 2.6573% | 1819 | 0.662265 | 1.509969 | 2.6261% | 1818 |
| 0.645318 | 1.549622 | 2.6969% | 1817 | 0.628372 | 1.591415 | 2.7717% | 1816 |
| 0.611425 | 1.635524 | 2.8507% | 1815 | 0.594478 | 1.682148 | 2.9343% | 1814 |
| 0.577531 | 1.731508 | 3.0231% | 1813 | 0.560585 | 1.783852 | 3.1039% | 1812 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 0.543709 | 1.839221 | 3.2172% | 1811 | 0.526762 | 1.898391 | 3.0969% | 1810 |
| 0.510938 | 1.957183 | 2.9144% | 1809 | 0.496469 | 2.014223 | 2.8225% | 1808 |
| 0.482841 | 2.071073 | 2.9199% | 1807 | 0.469143 | 2.131547 | 2.9918% | 1806 |
| 0.455515 | 2.195319 | 3.0841% | 1805 | 0.441887 | 2.263023 | 3.1822% | 1804 |
| 0.428259 | 2.335037 | 3.2868% | 1803 | 0.414631 | 2.411785 | 3.3985% | 1802 |
| 0.401003 | 2.493749 | 3.5180% | 1801 | 0.387375 | 2.581480 | 3.3999% | 1800 |
| 0.374637 | 2.669249 | 2.8419% | 1799 | 0.364285 | 2.745106 | 2.7485% | 1798 |
| 0.354540 | 2.820554 | 2.8261% | 1797 | 0.344796 | 2.900266 | 3.7832% | 1796 |
| 0.332227 | 3.009989 | 2.1272% | 1795 | 0.325307 | 3.074018 | 3.0879% | 1794 |
| 0.315563 | 3.168942 | 3.1625% | 1793 | 0.305889 | 3.269160 | 3.2904% | 1792 |
| 0.296145 | 3.376729 | 3.4024% | 1791 | 0.286400 | 3.491617 | 3.2296% | 1790 |
| 0.277440 | 3.604381 | 41.3145% | 1780 | 0.196328 | 5.093512 | 29.4353% | 1770 |
| 0.151681 | 6.592803 | 83.4728% | 1750 | 0.082672 | 12.096003 | 29.2845% | 1740 |
| 0.063946 | 15.638251 | 94.2514% | 1720 | 0.032919 | 30.377520 | 85.8111% | 1700 |
| 0.017716 | 56.444799 | 19.2490% | 1690 | 0.014857 | 67.309886 | 88.0250% | 1670 |
| 0.007901 | 126.559428 | | | | | | |

BASE YEAR: 1832

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 21.934969 | 0.045589 | 8.2857% | 2001 | 20.256578 | 0.049367 | 1.0000% |
| 2000 | 20.056016 | 0.049860 | 1.0000% | 1999 | 19.857442 | 0.050359 | 1.0000% |
| 1998 | 19.660833 | 0.050863 | 1.0000% | 1997 | 19.466172 | 0.051371 | 1.0000% |
| 1996 | 19.273437 | 0.051885 | 1.0000% | 1995 | 19.082611 | 0.052404 | 0.9992% |
| 1994 | 18.893820 | 0.052927 | 1.0008% | 1993 | 18.706608 | 0.053457 | 1.0000% |
| 1992 | 18.521394 | 0.053992 | 0.9295% | 1991 | 18.350822 | 0.054493 | 1.2505% |
| 1990 | 18.124177 | 0.055175 | 0.7224% | 1989 | 17.994178 | 0.055574 | 1.1077% |
| 1988 | 17.797046 | 0.056189 | 0.8834% | 1987 | 17.641209 | 0.056685 | 0.5594% |
| 1986 | 17.543080 | 0.057003 | 1.3056% | 1985 | 17.316984 | 0.057747 | 0.7673% |
| 1984 | 17.185126 | 0.058190 | 0.8149% | 1983 | 17.046209 | 0.058664 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 16.881822 | 0.059235 | 0.9508% | 1981 | 16.722821 | 0.059799 | 0.9031% |
| 1980 | 16.573154 | 0.060339 | 2.2701% | 1979 | 16.205283 | 0.061708 | 1.0042% |
| 1978 | 16.044171 | 0.062328 | 0.9896% | 1977 | 15.886952 | 0.062945 | 0.9103% |
| 1976 | 15.743633 | 0.063518 | 0.8394% | 1975 | 15.612575 | 0.064051 | 0.9042% |
| 1974 | 15.472675 | 0.064630 | 1.1568% | 1973 | 15.295736 | 0.065378 | 0.9427% |
| 1972 | 15.152889 | 0.065994 | 0.7426% | 1971 | 15.041188 | 0.066484 | 1.4697% |
| 1970 | 14.823324 | 0.067461 | 0.6968% | 1969 | 14.720747 | 0.067931 | 0.8565% |
| 1968 | 14.595728 | 0.068513 | 1.5090% | 1967 | 14.378748 | 0.069547 | 0.9949% |
| 1966 | 14.237102 | 0.070239 | 1.0575% | 1965 | 14.088124 | 0.070982 | 1.1300% |
| 1964 | 13.930705 | 0.071784 | 1.5537% | 1963 | 13.717581 | 0.072899 | 1.4658% |
| 1962 | 13.519411 | 0.073968 | 1.5364% | 1961 | 13.314838 | 0.075104 | 2.1586% |
| 1960 | 13.033492 | 0.076725 | -1.6655% | 1959 | 13.254239 | 0.075448 | 4.3080% |
| 1958 | 12.706829 | 0.078698 | 2.1130% | 1957 | 12.443895 | 0.080361 | 1.9895% |
| 1956 | 12.201153 | 0.081959 | 2.1231% | 1955 | 11.947497 | 0.083700 | 1.4496% |
| 1954 | 11.776779 | 0.084913 | 2.1573% | 1953 | 11.528089 | 0.086745 | 1.2298% |
| 1952 | 11.388044 | 0.087811 | 1.6814% | 1951 | 11.199734 | 0.089288 | 1.6233% |
| 1950 | 11.020836 | 0.090737 | 1.4265% | 1949 | 10.865831 | 0.092032 | 1.7790% |
| 1948 | 10.675902 | 0.093669 | 1.8242% | 1947 | 10.484646 | 0.095378 | -2.6320% |
| 1946 | 10.768065 | 0.092867 | 3.1768% | 1945 | 10.436518 | 0.095817 | 6.4754% |
| 1944 | 9.801810 | 0.102022 | -0.3437% | 1943 | 9.835612 | 0.101671 | 0.6562% |
| 1942 | 9.771490 | 0.102339 | 0.6633% | 1941 | 9.707102 | 0.103017 | -5.6614% |
| 1940 | 10.289643 | 0.097185 | 8.0381% | 1939 | 9.524087 | 0.104997 | 0.8126% |
| 1938 | 9.447315 | 0.105850 | 0.7762% | 1937 | 9.374545 | 0.106672 | 0.6029% |
| 1936 | 9.318367 | 0.107315 | 0.5244% | 1935 | 9.269757 | 0.107878 | -3.0364% |
| 1934 | 9.560035 | 0.104602 | 4.6271% | 1933 | 9.137243 | 0.109442 | 1.3921% |
| 1932 | 9.011789 | 0.110966 | -0.2051% | 1931 | 9.030309 | 0.110738 | 0.8886% |
| 1930 | 8.950772 | 0.111722 | 1.0126% | 1929 | 8.861046 | 0.112853 | 1.1526% |
| 1928 | 8.760079 | 0.114154 | 1.2160% | 1927 | 8.654836 | 0.115542 | 1.4086% |
| 1926 | 8.534618 | 0.117170 | 1.7667% | 1925 | 8.386456 | 0.119240 | 1.4465% |
| 1924 | 8.266875 | 0.120965 | 1.7700% | 1923 | 8.123099 | 0.123106 | 1.6165% |
| 1922 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 7.993876 | 0.125096 | 1.3736% | 1921 | 7.885557 | 0.126814 | 2.3393% | 1920 |
| 7.705306 | 0.129781 | 1.3140% | 1919 | 7.605370 | 0.131486 | 0.7676% | 1918 |
| 7.547433 | 0.132495 | 0.3870% | 1917 | 7.518338 | 0.133008 | 1.3274% | 1916 |
| 7.419844 | 0.134774 | 1.4083% | 1915 | 7.316803 | 0.136672 | 1.4458% | 1914 |
| 7.212524 | 0.138648 | 1.9424% | 1913 | 7.075098 | 0.141341 | 1.9857% | 1912 |
| 6.937345 | 0.144147 | 1.5634% | 1911 | 6.830556 | 0.146401 | 1.8169% | 1910 |
| 6.708665 | 0.149061 | 1.8781% | 1909 | 6.584995 | 0.151860 | 2.0082% | 1908 |
| 6.455356 | 0.154910 | 1.9603% | 1907 | 6.331247 | 0.157947 | 1.8264% | 1906 |
| 6.217690 | 0.160831 | 1.9357% | 1905 | 6.099622 | 0.163945 | 2.0148% | 1904 |
| 5.979152 | 0.167248 | 2.1335% | 1903 | 5.854250 | 0.170816 | 1.8151% | 1902 |
| 5.749881 | 0.173917 | 1.8943% | 1901 | 5.642983 | 0.177211 | 3.0255% | 1900 |
| 5.477268 | 0.182573 | 0.6278% | 1899 | 5.443094 | 0.183719 | 1.7757% | 1898 |
| 5.348130 | 0.186981 | 1.8078% | 1897 | 5.253165 | 0.190361 | 1.8396% | 1896 |
| 5.158274 | 0.193863 | 1.8755% | 1895 | 5.063310 | 0.197499 | 1.9114% | 1894 |
| 4.968345 | 0.201274 | 1.9486% | 1893 | 4.873381 | 0.205196 | 1.9858% | 1892 |
| 4.778489 | 0.209271 | 2.0276% | 1891 | 4.683525 | 0.213514 | 2.6465% | 1890 |
| 4.562770 | 0.219165 | 1.5328% | 1889 | 4.493887 | 0.222524 | 2.0811% | 1888 |
| 4.402270 | 0.227156 | 2.1599% | 1887 | 4.309198 | 0.232062 | 2.2075% | 1886 |
| 4.216126 | 0.237185 | 2.2592% | 1885 | 4.122981 | 0.242543 | 2.3095% | 1884 |
| 4.029908 | 0.248145 | 2.3641% | 1883 | 3.936836 | 0.254011 | 2.4214% | 1882 |
| 3.843764 | 0.260162 | 2.4815% | 1881 | 3.750691 | 0.266618 | 3.7644% | 1880 |
| 3.614623 | 0.276654 | 0.9432% | 1879 | 3.580847 | 0.279264 | 2.1464% | 1878 |
| 3.505603 | 0.285258 | 2.1913% | 1877 | 3.430432 | 0.291508 | 2.2426% | 1876 |
| 3.355188 | 0.298046 | 2.2941% | 1875 | 3.279945 | 0.304883 | 2.3456% | 1874 |
| 3.204774 | 0.312035 | 2.4043% | 1873 | 3.129530 | 0.319537 | 2.4635% | 1872 |
| 3.054286 | 0.327409 | 2.5258% | 1871 | 2.979042 | 0.335678 | 5.9947% | 1870 |
| 2.810559 | 0.355801 | -1.0968% | 1869 | 2.841726 | 0.351899 | 2.1930% | 1868 |
| 2.780745 | 0.359616 | 2.2394% | 1867 | 2.719837 | 0.367669 | 2.2935% | 1866 |
| 2.658856 | 0.376102 | 2.3445% | 1865 | 2.597948 | 0.384919 | 2.4037% | 1864 |
| 2.536967 | 0.394171 | 2.4599% | 1863 | 2.476059 | 0.403868 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.415078 | 0.414065 | 2.5872% | 1861 | 2.354170 | 0.424778 | 2.9504% | 1860 |
| 2.286703 | 0.437311 | 2.4012% | 1859 | 2.233081 | 0.447812 | 2.7627% | 1858 |
| 2.173046 | 0.460184 | 2.8412% | 1857 | 2.113011 | 0.473258 | 2.9243% | 1856 |
| 2.052976 | 0.487098 | 3.0161% | 1855 | 1.992869 | 0.501789 | 3.1061% | 1854 |
| 1.932834 | 0.517375 | 3.2056% | 1853 | 1.872799 | 0.533960 | 3.3118% | 1852 |
| 1.812764 | 0.551644 | 3.4252% | 1851 | 1.752729 | 0.570539 | 4.0106% | 1850 |
| 1.685144 | 0.593421 | 2.3254% | 1849 | 1.646849 | 0.607220 | 2.7841% | 1848 |
| 1.602241 | 0.624126 | 2.8590% | 1847 | 1.557706 | 0.641970 | 2.9432% | 1846 |
| 1.513171 | 0.660864 | 3.0324% | 1845 | 1.468636 | 0.680904 | 3.1325% | 1844 |
| 1.424029 | 0.702233 | 3.2284% | 1843 | 1.379494 | 0.724904 | 3.3361% | 1842 |
| 1.334959 | 0.749087 | 3.4512% | 1841 | 1.290424 | 0.774939 | 3.8105% | 1840 |
| 1.243057 | 0.804468 | 2.3861% | 1839 | 1.214088 | 0.823663 | 2.5824% | 1838 |
| 1.183525 | 0.844934 | 2.6573% | 1837 | 1.152889 | 0.867386 | 2.7232% | 1836 |
| 1.122326 | 0.891007 | 2.7994% | 1835 | 1.091762 | 0.915950 | 2.8871% | 1834 |
| 1.061126 | 0.942395 | 2.9657% | 1833 | 1.030563 | 0.970343 | 3.0563% | 1832 |
| 1.000000 | 1.000000 | 3.1604% | 1831 | 0.969364 | 1.031604 | 3.4660% | 1830 |
| 0.936892 | 1.067359 | 2.4653% | 1829 | 0.914350 | 1.093673 | 2.6804% | 1828 |
| 0.890482 | 1.122988 | 10.3427% | 1827 | 0.807015 | 1.239134 | -4.2314% | 1826 |
| 0.842672 | 1.186701 | 2.9150% | 1825 | 0.818804 | 1.221294 | 3.0026% | 1824 |
| 0.794935 | 1.257964 | 3.0955% | 1823 | 0.771067 | 1.296904 | 3.1944% | 1822 |
| 0.747198 | 1.338333 | 3.3102% | 1821 | 0.723257 | 1.382634 | 3.2277% | 1820 |
| 0.700642 | 1.427262 | 2.6573% | 1819 | 0.682506 | 1.465188 | 2.6261% | 1818 |
| 0.665041 | 1.503666 | 2.6969% | 1817 | 0.647577 | 1.544218 | 2.7717% | 1816 |
| 0.630112 | 1.587019 | 2.8507% | 1815 | 0.612647 | 1.632260 | 2.9343% | 1814 |
| 0.595183 | 1.680156 | 3.0231% | 1813 | 0.577718 | 1.730948 | 3.1039% | 1812 |
| 0.560326 | 1.784675 | 3.2172% | 1811 | 0.542861 | 1.842091 | 3.0969% | 1810 |
| 0.526554 | 1.899139 | 2.9144% | 1809 | 0.511643 | 1.954487 | 2.8225% | 1808 |
| 0.497599 | 2.009652 | 2.9199% | 1807 | 0.483481 | 2.068332 | 2.9918% | 1806 |
| 0.469437 | 2.130212 | 3.0841% | 1805 | 0.455392 | 2.195909 | 3.1822% | 1804 |
| 0.441348 | 2.265787 | 3.2868% | 1803 | 0.427303 | 2.340259 | 3.3985% | 1802 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 0.413259 | 2.419792 | 3.5180% | 1801 | 0.399214 | 2.504922 | 3.3999% | 1800 |
| 0.386087 | 2.590088 | 2.8419% | 1799 | 0.375418 | 2.663695 | 2.7485% | 1798 |
| 0.365376 | 2.736905 | 2.8261% | 1797 | 0.355334 | 2.814254 | 3.7832% | 1796 |
| 0.342381 | 2.920723 | 2.1272% | 1795 | 0.335250 | 2.982852 | 3.0879% | 1794 |
| 0.325207 | 3.074961 | 3.1625% | 1793 | 0.315238 | 3.172207 | 3.2904% | 1792 |
| 0.305196 | 3.276586 | 3.4024% | 1791 | 0.295154 | 3.388067 | 3.2296% | 1790 |
| 0.285920 | 3.497487 | 41.3145% | 1780 | 0.202329 | 4.942454 | 29.4353% | 1770 |
| 0.156316 | 6.397281 | 83.4728% | 1750 | 0.085199 | 11.737274 | 29.2845% | 1740 |
| 0.065900 | 15.174470 | 94.2514% | 1720 | 0.033925 | 29.476619 | 85.8111% | 1700 |
| 0.018258 | 54.770825 | 19.2490% | 1690 | 0.015311 | 65.313688 | 88.0250% | 1670 |
| 0.008143 | 122.806077 | | | | | | |

BASE YEAR: 1831

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 22.628207 | 0.044193 | 8.2857% | 2001 | 20.896772 | 0.047854 | 1.0000% |
| 2000 | 20.689871 | 0.048333 | 1.0000% | 1999 | 20.485021 | 0.048816 | 1.0000% |
| 1998 | 20.282199 | 0.049304 | 1.0000% | 1997 | 20.081385 | 0.049797 | 1.0000% |
| 1996 | 19.882559 | 0.050295 | 1.0000% | 1995 | 19.685702 | 0.050798 | 0.9992% |
| 1994 | 19.490945 | 0.051306 | 1.0008% | 1993 | 19.297816 | 0.051819 | 1.0000% |
| 1992 | 19.106749 | 0.052338 | 0.9295% | 1991 | 18.930786 | 0.052824 | 1.2505% |
| 1990 | 18.696977 | 0.053485 | 0.7224% | 1989 | 18.562871 | 0.053871 | 1.1077% |
| 1988 | 18.359508 | 0.054468 | 0.8834% | 1987 | 18.198746 | 0.054949 | 0.5594% |
| 1986 | 18.097515 | 0.055256 | 1.3056% | 1985 | 17.864274 | 0.055978 | 0.7673% |
| 1984 | 17.728249 | 0.056407 | 0.8149% | 1983 | 17.584941 | 0.056867 | 0.9737% |
| 1982 | 17.415359 | 0.057421 | 0.9508% | 1981 | 17.251332 | 0.057967 | 0.9031% |
| 1980 | 17.096936 | 0.058490 | 2.2701% | 1979 | 16.717439 | 0.059818 | 1.0042% |
| 1978 | 16.551235 | 0.060418 | 0.9896% | 1977 | 16.389047 | 0.061016 | 0.9103% |
| 1976 | 16.241198 | 0.061572 | 0.8394% | 1975 | 16.105998 | 0.062089 | 0.9042% |
| 1974 | 15.961677 | 0.062650 | 1.1568% | 1973 | 15.779146 | 0.063375 | 0.9427% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 15.631784 | 0.063972 | 0.7426% | 1971 | 15.516553 | 0.064447 | 1.4697% |
| 1970 | 15.291803 | 0.065395 | 0.6968% | 1969 | 15.185985 | 0.065850 | 0.8565% |
| 1968 | 15.057015 | 0.066414 | 1.5090% | 1967 | 14.833177 | 0.067416 | 0.9949% |
| 1966 | 14.687054 | 0.068087 | 1.0575% | 1965 | 14.533368 | 0.068807 | 1.1300% |
| 1964 | 14.370974 | 0.069585 | 1.5537% | 1963 | 14.151115 | 0.070666 | 1.4658% |
| 1962 | 13.946682 | 0.071702 | 1.5364% | 1961 | 13.735643 | 0.072803 | 2.1586% |
| 1960 | 13.445405 | 0.074375 | -1.6655% | 1959 | 13.673129 | 0.073136 | 4.3080% |
| 1958 | 13.108419 | 0.076287 | 2.1130% | 1957 | 12.837174 | 0.077899 | 1.9895% |
| 1956 | 12.586762 | 0.079449 | 2.1231% | 1955 | 12.325088 | 0.081135 | 1.4496% |
| 1954 | 12.148975 | 0.082311 | 2.1573% | 1953 | 11.892425 | 0.084087 | 1.2298% |
| 1952 | 11.747954 | 0.085121 | 1.6814% | 1951 | 11.553693 | 0.086552 | 1.6233% |
| 1950 | 11.369141 | 0.087957 | 1.4265% | 1949 | 11.209237 | 0.089212 | 1.7790% |
| 1948 | 11.013306 | 0.090799 | 1.8242% | 1947 | 10.816005 | 0.092456 | -2.6320% |
| 1946 | 11.108382 | 0.090022 | 3.1768% | 1945 | 10.766356 | 0.092882 | 6.4754% |
| 1944 | 10.111588 | 0.098896 | -0.3437% | 1943 | 10.146459 | 0.098557 | 0.6562% |
| 1942 | 10.080310 | 0.099203 | 0.6633% | 1941 | 10.013888 | 0.099861 | -5.6614% |
| 1940 | 10.614839 | 0.094208 | 8.0381% | 1939 | 9.825088 | 0.101780 | 0.8126% |
| 1938 | 9.745890 | 0.102607 | 0.7762% | 1937 | 9.670821 | 0.103404 | 0.6029% |
| 1936 | 9.612867 | 0.104027 | 0.5244% | 1935 | 9.562721 | 0.104573 | -3.0364% |
| 1934 | 9.862173 | 0.101398 | 4.6271% | 1933 | 9.426019 | 0.106089 | 1.3921% |
| 1932 | 9.296599 | 0.107566 | -0.2051% | 1931 | 9.315705 | 0.107346 | 0.8886% |
| 1930 | 9.233654 | 0.108299 | 1.0126% | 1929 | 9.141093 | 0.109396 | 1.1526% |
| 1928 | 9.036934 | 0.110657 | 1.2160% | 1927 | 8.928365 | 0.112003 | 1.4086% |
| 1926 | 8.804349 | 0.113580 | 1.7667% | 1925 | 8.651504 | 0.115587 | 1.4465% |
| 1924 | 8.528144 | 0.117259 | 1.7700% | 1923 | 8.379823 | 0.119334 | 1.6165% |
| 1922 | 8.246517 | 0.121263 | 1.3736% | 1921 | 8.134774 | 0.122929 | 2.3393% |
| 1920 | 7.948826 | 0.125805 | 1.3140% | 1919 | 7.845732 | 0.127458 | 0.7676% |
| 1918 | 7.785964 | 0.128436 | 0.3870% | 1917 | 7.755949 | 0.128933 | 1.3274% |
| 1916 | 7.654343 | 0.130645 | 1.4083% | 1915 | 7.548044 | 0.132485 | 1.4458% |
| 1914 | 7.440470 | 0.134400 | 1.9424% | 1913 | 7.298701 | 0.137011 | 1.9857% |
| 1912 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 7.156595 | 0.139731 | 1.5634% | 1911 | 7.046430 | 0.141916 | 1.8169% | 1910 |
| 6.920687 | 0.144494 | 1.8781% | 1909 | 6.793109 | 0.147208 | 2.0082% | 1908 |
| 6.659372 | 0.150164 | 1.9603% | 1907 | 6.531341 | 0.153108 | 1.8264% | 1906 |
| 6.414196 | 0.155904 | 1.9357% | 1905 | 6.292395 | 0.158922 | 2.0148% | 1904 |
| 6.168118 | 0.162124 | 2.1335% | 1903 | 6.039269 | 0.165583 | 1.8151% | 1902 |
| 5.931601 | 0.168589 | 1.8943% | 1901 | 5.821325 | 0.171782 | 3.0255% | 1900 |
| 5.650373 | 0.176979 | 0.6278% | 1899 | 5.615119 | 0.178091 | 1.7757% | 1898 |
| 5.517153 | 0.181253 | 1.8078% | 1897 | 5.419188 | 0.184529 | 1.8396% | 1896 |
| 5.321297 | 0.187924 | 1.8755% | 1895 | 5.223332 | 0.191449 | 1.9114% | 1894 |
| 5.125366 | 0.195108 | 1.9486% | 1893 | 5.027400 | 0.198910 | 1.9858% | 1892 |
| 4.929510 | 0.202860 | 2.0276% | 1891 | 4.831544 | 0.206973 | 2.6465% | 1890 |
| 4.706973 | 0.212451 | 1.5328% | 1889 | 4.635913 | 0.215707 | 2.0811% | 1888 |
| 4.541401 | 0.220196 | 2.1599% | 1887 | 4.445387 | 0.224952 | 2.2075% | 1886 |
| 4.349373 | 0.229918 | 2.2592% | 1885 | 4.253284 | 0.235112 | 2.3095% | 1884 |
| 4.157270 | 0.240542 | 2.3641% | 1883 | 4.061257 | 0.246229 | 2.4214% | 1882 |
| 3.965243 | 0.252191 | 2.4815% | 1881 | 3.869229 | 0.258449 | 3.7644% | 1880 |
| 3.728860 | 0.268178 | 0.9432% | 1879 | 3.694017 | 0.270708 | 2.1464% | 1878 |
| 3.616395 | 0.276518 | 2.1913% | 1877 | 3.538848 | 0.282578 | 2.2426% | 1876 |
| 3.461227 | 0.288915 | 2.2941% | 1875 | 3.383605 | 0.295543 | 2.3456% | 1874 |
| 3.306058 | 0.302475 | 2.4043% | 1873 | 3.228436 | 0.309747 | 2.4635% | 1872 |
| 3.150815 | 0.317378 | 2.5258% | 1871 | 3.073193 | 0.325394 | 5.9947% | 1870 |
| 2.899384 | 0.344901 | -1.0968% | 1869 | 2.931537 | 0.341118 | 2.1930% | 1868 |
| 2.868628 | 0.348599 | 2.2394% | 1867 | 2.805795 | 0.356405 | 2.2935% | 1866 |
| 2.742887 | 0.364579 | 2.3445% | 1865 | 2.680054 | 0.373127 | 2.4037% | 1864 |
| 2.617146 | 0.382096 | 2.4599% | 1863 | 2.554313 | 0.391495 | 2.5250% | 1862 |
| 2.491405 | 0.401380 | 2.5872% | 1861 | 2.428571 | 0.411765 | 2.9504% | 1860 |
| 2.358972 | 0.423913 | 2.4012% | 1859 | 2.303656 | 0.434093 | 2.7627% | 1858 |
| 2.241724 | 0.446085 | 2.8412% | 1857 | 2.179791 | 0.458760 | 2.9243% | 1856 |
| 2.117859 | 0.472175 | 3.0161% | 1855 | 2.055852 | 0.486416 | 3.1061% | 1854 |
| 1.993919 | 0.501525 | 3.2056% | 1853 | 1.931987 | 0.517602 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 1.870055 | 0.534744 | 3.4252% | 1851 | 1.808123 | 0.553060 | 4.0106% | 1850 |
| 1.738402 | 0.575241 | 2.3254% | 1849 | 1.698896 | 0.588617 | 2.7841% | 1848 |
| 1.652879 | 0.605005 | 2.8590% | 1847 | 1.606936 | 0.622302 | 2.9432% | 1846 |
| 1.560994 | 0.640617 | 3.0324% | 1845 | 1.515051 | 0.660044 | 3.1325% | 1844 |
| 1.469034 | 0.680720 | 3.2284% | 1843 | 1.423091 | 0.702696 | 3.3361% | 1842 |
| 1.377149 | 0.726138 | 3.4512% | 1841 | 1.331206 | 0.751198 | 3.8105% | 1840 |
| 1.282343 | 0.779823 | 2.3861% | 1839 | 1.252459 | 0.798430 | 2.5824% | 1838 |
| 1.220929 | 0.819048 | 2.6573% | 1837 | 1.189325 | 0.840813 | 2.7232% | 1836 |
| 1.157796 | 0.863710 | 2.7994% | 1835 | 1.126267 | 0.887889 | 2.8871% | 1834 |
| 1.094663 | 0.913524 | 2.9657% | 1833 | 1.063133 | 0.940616 | 3.0563% | 1832 |
| 1.031604 | 0.969364 | 3.1604% | 1831 | 1.000000 | 1.000000 | 3.4660% | 1830 |
| 0.966501 | 1.034660 | 2.4653% | 1829 | 0.943248 | 1.060167 | 2.6804% | 1828 |
| 0.918625 | 1.088584 | 10.3427% | 1827 | 0.832520 | 1.201172 | -4.2314% | 1826 |
| 0.869304 | 1.150345 | 2.9150% | 1825 | 0.844681 | 1.183878 | 3.0026% | 1824 |
| 0.820059 | 1.219425 | 3.0955% | 1823 | 0.795436 | 1.257173 | 3.1944% | 1822 |
| 0.770813 | 1.297332 | 3.3102% | 1821 | 0.746115 | 1.340276 | 3.2277% | 1820 |
| 0.722786 | 1.383536 | 2.6573% | 1819 | 0.704076 | 1.420301 | 2.6261% | 1818 |
| 0.686060 | 1.457599 | 2.6969% | 1817 | 0.668043 | 1.496910 | 2.7717% | 1816 |
| 0.650026 | 1.538399 | 2.8507% | 1815 | 0.632010 | 1.582254 | 2.9343% | 1814 |
| 0.613993 | 1.628683 | 3.0231% | 1813 | 0.595976 | 1.677919 | 3.1039% | 1812 |
| 0.578035 | 1.730000 | 3.2172% | 1811 | 0.560018 | 1.785657 | 3.0969% | 1810 |
| 0.543196 | 1.840957 | 2.9144% | 1809 | 0.527813 | 1.894610 | 2.8225% | 1808 |
| 0.513325 | 1.948084 | 2.9199% | 1807 | 0.498761 | 2.004967 | 2.9918% | 1806 |
| 0.484273 | 2.064951 | 3.0841% | 1805 | 0.469785 | 2.128635 | 3.1822% | 1804 |
| 0.455296 | 2.196373 | 3.2868% | 1803 | 0.440808 | 2.268563 | 3.3985% | 1802 |
| 0.426319 | 2.345659 | 3.5180% | 1801 | 0.411831 | 2.428181 | 3.3999% | 1800 |
| 0.398289 | 2.510738 | 2.8419% | 1799 | 0.387283 | 2.582090 | 2.7485% | 1798 |
| 0.376924 | 2.653057 | 2.8261% | 1797 | 0.366564 | 2.728036 | 3.7832% | 1796 |
| 0.353202 | 2.831243 | 2.1272% | 1795 | 0.345845 | 2.891470 | 3.0879% | 1794 |
| 0.335485 | 2.980756 | 3.1625% | 1793 | 0.325201 | 3.075023 | 3.2904% | 1792 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.314841 | 3.176204 | 3.4024% | 1791 | 0.304482 | 3.284270 | 3.2296% | 1790 |
| 0.294956 | 3.390338 | 41.3145% | 1780 | 0.208723 | 4.791037 | 29.4353% | 1770 |
| 0.161257 | 6.201294 | 83.4728% | 1750 | 0.087891 | 11.377690 | 29.2845% | 1740 |
| 0.067983 | 14.709585 | 94.2514% | 1720 | 0.034997 | 28.573574 | 85.8111% | 1700 |
| 0.018835 | 53.092866 | 19.2490% | 1690 | 0.015795 | 63.312738 | 88.0250% | 1670 |
| 0.008400 | 119.043789 | | | | | | |

BASE YEAR: 1830

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 23.412493 | 0.042712 | 8.2857% | 2001 | 21.621047 | 0.046251 | 1.0000% |
| 2000 | 21.406975 | 0.046714 | 1.0000% | 1999 | 21.195025 | 0.047181 | 1.0000% |
| 1998 | 20.985173 | 0.047653 | 1.0000% | 1997 | 20.777399 | 0.048129 | 1.0000% |
| 1996 | 20.571682 | 0.048611 | 1.0000% | 1995 | 20.368002 | 0.049097 | 0.9992% |
| 1994 | 20.166494 | 0.049587 | 1.0008% | 1993 | 19.966672 | 0.050083 | 1.0000% |
| 1992 | 19.768982 | 0.050584 | 0.9295% | 1991 | 19.586921 | 0.051054 | 1.2505% |
| 1990 | 19.345008 | 0.051693 | 0.7224% | 1989 | 19.206253 | 0.052066 | 1.1077% |
| 1988 | 18.995842 | 0.052643 | 0.8834% | 1987 | 18.829509 | 0.053108 | 0.5594% |
| 1986 | 18.724769 | 0.053405 | 1.3056% | 1985 | 18.483444 | 0.054102 | 0.7673% |
| 1984 | 18.342704 | 0.054518 | 0.8149% | 1983 | 18.194429 | 0.054962 | 0.9737% |
| 1982 | 18.018970 | 0.055497 | 0.9508% | 1981 | 17.849258 | 0.056025 | 0.9031% |
| 1980 | 17.689510 | 0.056531 | 2.2701% | 1979 | 17.296859 | 0.057814 | 1.0042% |
| 1978 | 17.124895 | 0.058395 | 0.9896% | 1977 | 16.957086 | 0.058972 | 0.9103% |
| 1976 | 16.804113 | 0.059509 | 0.8394% | 1975 | 16.664226 | 0.060009 | 0.9042% |
| 1974 | 16.514903 | 0.060551 | 1.1568% | 1973 | 16.326046 | 0.061252 | 0.9427% |
| 1972 | 16.173577 | 0.061829 | 0.7426% | 1971 | 16.054351 | 0.062288 | 1.4697% |
| 1970 | 15.821812 | 0.063204 | 0.6968% | 1969 | 15.712326 | 0.063644 | 0.8565% |
| 1968 | 15.578886 | 0.064189 | 1.5090% | 1967 | 15.347290 | 0.065158 | 0.9949% |
| 1966 | 15.196103 | 0.065806 | 1.0575% | 1965 | 15.037090 | 0.066502 | 1.1300% |
| 1964 | 14.869068 | 0.067254 | 1.5537% | 1963 | 14.641588 | 0.068299 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 14.430069 | 0.069300 | 1.5364% | 1961 | 14.211716 | 0.070364 | 2.1586% |
| 1960 | 13.911418 | 0.071883 | -1.6655% | 1959 | 14.147035 | 0.070686 | 4.3080% |
| 1958 | 13.562752 | 0.073731 | 2.1130% | 1957 | 13.282107 | 0.075289 | 1.9895% |
| 1956 | 13.023014 | 0.076787 | 2.1231% | 1955 | 12.752272 | 0.078417 | 1.4496% |
| 1954 | 12.570055 | 0.079554 | 2.1573% | 1953 | 12.304613 | 0.081270 | 1.2298% |
| 1952 | 12.155134 | 0.082270 | 1.6814% | 1951 | 11.954141 | 0.083653 | 1.6233% |
| 1950 | 11.763192 | 0.085011 | 1.4265% | 1949 | 11.597746 | 0.086224 | 1.7790% |
| 1948 | 11.395024 | 0.087758 | 1.8242% | 1947 | 11.190884 | 0.089358 | -2.6320% |
| 1946 | 11.493394 | 0.087006 | 3.1768% | 1945 | 11.139514 | 0.089771 | 6.4754% |
| 1944 | 10.462053 | 0.095584 | -0.3437% | 1943 | 10.498132 | 0.095255 | 0.6562% |
| 1942 | 10.429690 | 0.095880 | 0.6633% | 1941 | 10.360966 | 0.096516 | -5.6614% |
| 1940 | 10.982746 | 0.091052 | 8.0381% | 1939 | 10.165622 | 0.098371 | 0.8126% |
| 1938 | 10.083679 | 0.099170 | 0.7762% | 1937 | 10.006008 | 0.099940 | 0.6029% |
| 1936 | 9.946046 | 0.100542 | 0.5244% | 1935 | 9.894161 | 0.101070 | -3.0364% |
| 1934 | 10.203992 | 0.098001 | 4.6271% | 1933 | 9.752722 | 0.102535 | 1.3921% |
| 1932 | 9.618816 | 0.103963 | -0.2051% | 1931 | 9.638584 | 0.103750 | 0.8886% |
| 1930 | 9.553690 | 0.104672 | 1.0126% | 1929 | 9.457920 | 0.105731 | 1.1526% |
| 1928 | 9.350151 | 0.106950 | 1.2160% | 1927 | 9.237819 | 0.108251 | 1.4086% |
| 1926 | 9.109504 | 0.109775 | 1.7667% | 1925 | 8.951362 | 0.111715 | 1.4465% |
| 1924 | 8.823726 | 0.113331 | 1.7700% | 1923 | 8.670265 | 0.115337 | 1.6165% |
| 1922 | 8.532338 | 0.117201 | 1.3736% | 1921 | 8.416722 | 0.118811 | 2.3393% |
| 1920 | 8.224330 | 0.121590 | 1.3140% | 1919 | 8.117663 | 0.123188 | 0.7676% |
| 1918 | 8.055823 | 0.124134 | 0.3870% | 1917 | 8.024768 | 0.124614 | 1.3274% |
| 1916 | 7.919640 | 0.126268 | 1.4083% | 1915 | 7.809657 | 0.128047 | 1.4458% |
| 1914 | 7.698354 | 0.129898 | 1.9424% | 1913 | 7.551672 | 0.132421 | 1.9857% |
| 1912 | 7.404640 | 0.135050 | 1.5634% | 1911 | 7.290657 | 0.137162 | 1.8169% |
| 1910 | 7.160556 | 0.139654 | 1.8781% | 1909 | 7.028555 | 0.142277 | 2.0082% |
| 1908 | 6.890184 | 0.145134 | 1.9603% | 1907 | 6.757716 | 0.147979 | 1.8264% |
| 1906 | 6.636509 | 0.150682 | 1.9357% | 1905 | 6.510488 | 0.153598 | 2.0148% |
| 1904 | 6.381903 | 0.156693 | 2.1335% | 1903 | 6.248588 | 0.160036 | 1.8151% |
| 1902 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 6.137188 | 0.162941 | 1.8943% | 1901 | 6.023090 | 0.166028 | 3.0255% | 1900 |
| 5.846213 | 0.171051 | 0.6278% | 1899 | 5.809737 | 0.172125 | 1.7757% | 1898 |
| 5.708376 | 0.175181 | 1.8078% | 1897 | 5.607015 | 0.178348 | 1.8396% | 1896 |
| 5.505732 | 0.181629 | 1.8755% | 1895 | 5.404370 | 0.185035 | 1.9114% | 1894 |
| 5.303009 | 0.188572 | 1.9486% | 1893 | 5.201648 | 0.192247 | 1.9858% | 1892 |
| 5.100365 | 0.196064 | 2.0276% | 1891 | 4.999004 | 0.200040 | 2.6465% | 1890 |
| 4.870115 | 0.205334 | 1.5328% | 1889 | 4.796592 | 0.208481 | 2.0811% | 1888 |
| 4.698804 | 0.212820 | 2.1599% | 1887 | 4.599463 | 0.217417 | 2.2075% | 1886 |
| 4.500121 | 0.222216 | 2.2592% | 1885 | 4.400702 | 0.227236 | 2.3095% | 1884 |
| 4.301360 | 0.232485 | 2.3641% | 1883 | 4.202018 | 0.237981 | 2.4214% | 1882 |
| 4.102677 | 0.243743 | 2.4815% | 1881 | 4.003335 | 0.249792 | 3.7644% | 1880 |
| 3.858101 | 0.259195 | 0.9432% | 1879 | 3.822050 | 0.261640 | 2.1464% | 1878 |
| 3.741738 | 0.267255 | 2.1913% | 1877 | 3.661504 | 0.273112 | 2.2426% | 1876 |
| 3.581192 | 0.279237 | 2.2941% | 1875 | 3.500879 | 0.285643 | 2.3456% | 1874 |
| 3.420645 | 0.292343 | 2.4043% | 1873 | 3.340333 | 0.299371 | 2.4635% | 1872 |
| 3.260021 | 0.306747 | 2.5258% | 1871 | 3.179709 | 0.314494 | 5.9947% | 1870 |
| 2.999876 | 0.333347 | -1.0968% | 1869 | 3.033143 | 0.329691 | 2.1930% | 1868 |
| 2.968054 | 0.336921 | 2.2394% | 1867 | 2.903043 | 0.344466 | 2.2935% | 1866 |
| 2.837955 | 0.352366 | 2.3445% | 1865 | 2.772944 | 0.360628 | 2.4037% | 1864 |
| 2.707855 | 0.369296 | 2.4599% | 1863 | 2.642844 | 0.378380 | 2.5250% | 1862 |
| 2.577756 | 0.387934 | 2.5872% | 1861 | 2.512745 | 0.397971 | 2.9504% | 1860 |
| 2.440733 | 0.409713 | 2.4012% | 1859 | 2.383500 | 0.419551 | 2.7627% | 1858 |
| 2.319421 | 0.431142 | 2.8412% | 1857 | 2.255342 | 0.443392 | 2.9243% | 1856 |
| 2.191263 | 0.456358 | 3.0161% | 1855 | 2.127107 | 0.470122 | 3.1061% | 1854 |
| 2.063028 | 0.484724 | 3.2056% | 1853 | 1.998949 | 0.500263 | 3.3118% | 1852 |
| 1.934870 | 0.516831 | 3.4252% | 1851 | 1.870791 | 0.534533 | 4.0106% | 1850 |
| 1.798654 | 0.555971 | 2.3254% | 1849 | 1.757780 | 0.568900 | 2.7841% | 1848 |
| 1.710167 | 0.584738 | 2.8590% | 1847 | 1.662632 | 0.601456 | 2.9432% | 1846 |
| 1.615097 | 0.619158 | 3.0324% | 1845 | 1.567563 | 0.637933 | 3.1325% | 1844 |
| 1.519950 | 0.657916 | 3.2284% | 1843 | 1.472415 | 0.679156 | 3.3361% | 1842 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.424880 | 0.701813 | 3.4512% | 1841 | 1.377346 | 0.726034 | 3.8105% | 1840 |
| 1.326788 | 0.753700 | 2.3861% | 1839 | 1.295868 | 0.771683 | 2.5824% | 1838 |
| 1.263246 | 0.791611 | 2.6573% | 1837 | 1.230547 | 0.812647 | 2.7232% | 1836 |
| 1.197925 | 0.834777 | 2.7994% | 1835 | 1.165303 | 0.858146 | 2.8871% | 1834 |
| 1.132603 | 0.882922 | 2.9657% | 1833 | 1.099981 | 0.909106 | 3.0563% | 1832 |
| 1.067359 | 0.936892 | 3.1604% | 1831 | 1.034660 | 0.966501 | 3.4660% | 1830 |
| 1.000000 | 1.000000 | 2.4653% | 1829 | 0.975940 | 1.024653 | 2.6804% | 1828 |
| 0.950464 | 1.052118 | 10.3427% | 1827 | 0.861375 | 1.160935 | -4.2314% | 1826 |
| 0.899434 | 1.111810 | 2.9150% | 1825 | 0.873958 | 1.144220 | 3.0026% | 1824 |
| 0.848482 | 1.178576 | 3.0955% | 1823 | 0.823005 | 1.215059 | 3.1944% | 1822 |
| 0.797529 | 1.253873 | 3.3102% | 1821 | 0.771975 | 1.295378 | 3.2277% | 1820 |
| 0.747837 | 1.337190 | 2.6573% | 1819 | 0.728479 | 1.372723 | 2.6261% | 1818 |
| 0.709838 | 1.408772 | 2.6969% | 1817 | 0.691197 | 1.446765 | 2.7717% | 1816 |
| 0.672556 | 1.486865 | 2.8507% | 1815 | 0.653915 | 1.529251 | 2.9343% | 1814 |
| 0.635274 | 1.574125 | 3.0231% | 1813 | 0.616633 | 1.621711 | 3.1039% | 1812 |
| 0.598069 | 1.672047 | 3.2172% | 1811 | 0.579428 | 1.725840 | 3.0969% | 1810 |
| 0.562023 | 1.779288 | 2.9144% | 1809 | 0.546107 | 1.831143 | 2.8225% | 1808 |
| 0.531116 | 1.882826 | 2.9199% | 1807 | 0.516048 | 1.937803 | 2.9918% | 1806 |
| 0.501058 | 1.995778 | 3.0841% | 1805 | 0.486067 | 2.057329 | 3.1822% | 1804 |
| 0.471077 | 2.122797 | 3.2868% | 1803 | 0.456086 | 2.192569 | 3.3985% | 1802 |
| 0.441095 | 2.267083 | 3.5180% | 1801 | 0.426105 | 2.346840 | 3.3999% | 1800 |
| 0.412094 | 2.426631 | 2.8419% | 1799 | 0.400706 | 2.495593 | 2.7485% | 1798 |
| 0.389988 | 2.564183 | 2.8261% | 1797 | 0.379269 | 2.636651 | 3.7832% | 1796 |
| 0.365444 | 2.736401 | 2.1272% | 1795 | 0.357832 | 2.794609 | 3.0879% | 1794 |
| 0.347113 | 2.880905 | 3.1625% | 1793 | 0.336472 | 2.972014 | 3.2904% | 1792 |
| 0.325754 | 3.069806 | 3.4024% | 1791 | 0.315035 | 3.174252 | 3.2296% | 1790 |
| 0.305179 | 3.276766 | 41.3145% | 1780 | 0.215957 | 4.630544 | 29.4353% | 1770 |
| 0.166846 | 5.993559 | 83.4728% | 1750 | 0.090938 | 10.996554 | 29.2845% | 1740 |
| 0.070339 | 14.216834 | 94.2514% | 1720 | 0.036210 | 27.616399 | 85.8111% | 1700 |

0.019488 51.314328 19.2490% 1690 0.016342 61.191849 88.0250% 1670
0.008691 115.055987

BASE YEAR: 1829

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 23.989682 | 0.041685 | 8.2857% | 2001 | 22.154071 | 0.045138 | 1.0000% |
| 2000 | 21.934721 | 0.045590 | 1.0000% | 1999 | 21.717546 | 0.046046 | 1.0000% |
| 1998 | 21.502520 | 0.046506 | 1.0000% | 1997 | 21.289624 | 0.046971 | 1.0000% |
| 1996 | 21.078836 | 0.047441 | 1.0000% | 1995 | 20.870135 | 0.047915 | 0.9992% |
| 1994 | 20.663659 | 0.048394 | 1.0008% | 1993 | 20.458910 | 0.048878 | 1.0000% |
| 1992 | 20.256347 | 0.049367 | 0.9295% | 1991 | 20.069797 | 0.049826 | 1.2505% |
| 1990 | 19.821921 | 0.050449 | 0.7224% | 1989 | 19.679745 | 0.050814 | 1.1077% |
| 1988 | 19.464146 | 0.051377 | 0.8834% | 1987 | 19.293713 | 0.051830 | 0.5594% |
| 1986 | 19.186391 | 0.052120 | 1.3056% | 1985 | 18.939117 | 0.052801 | 0.7673% |
| 1984 | 18.794906 | 0.053206 | 0.8149% | 1983 | 18.642977 | 0.053640 | 0.9737% |
| 1982 | 18.463191 | 0.054162 | 0.9508% | 1981 | 18.289296 | 0.054677 | 0.9031% |
| 1980 | 18.125609 | 0.055171 | 2.2701% | 1979 | 17.723279 | 0.056423 | 1.0042% |
| 1978 | 17.547075 | 0.056990 | 0.9896% | 1977 | 17.375129 | 0.057554 | 0.9103% |
| 1976 | 17.218384 | 0.058077 | 0.8394% | 1975 | 17.075050 | 0.058565 | 0.9042% |
| 1974 | 16.922045 | 0.059095 | 1.1568% | 1973 | 16.728532 | 0.059778 | 0.9427% |
| 1972 | 16.572304 | 0.060342 | 0.7426% | 1971 | 16.450139 | 0.060790 | 1.4697% |
| 1970 | 16.211867 | 0.061683 | 0.6968% | 1969 | 16.099682 | 0.062113 | 0.8565% |
| 1968 | 15.962953 | 0.062645 | 1.5090% | 1967 | 15.725647 | 0.063590 | 0.9949% |
| 1966 | 15.570732 | 0.064223 | 1.0575% | 1965 | 15.407799 | 0.064902 | 1.1300% |
| 1964 | 15.235635 | 0.065636 | 1.5537% | 1963 | 15.002547 | 0.066655 | 1.4658% |
| 1962 | 14.785814 | 0.067632 | 1.5364% | 1961 | 14.562077 | 0.068672 | 2.1586% |
| 1960 | 14.254377 | 0.070154 | -1.6655% | 1959 | 14.495802 | 0.068985 | 4.3080% |
| 1958 | 13.897115 | 0.071957 | 2.1130% | 1957 | 13.609550 | 0.073478 | 1.9895% |
| 1956 | 13.344071 | 0.074940 | 2.1231% | 1955 | 13.066653 | 0.076531 | 1.4496% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1954 | 12.879944 | 0.077640 | 2.1573% | 1953 | 12.607959 | 0.079315 | 1.2298% |
| 1952 | 12.454795 | 0.080290 | 1.6814% | 1951 | 12.248846 | 0.081640 | 1.6233% |
| 1950 | 12.053190 | 0.082966 | 1.4265% | 1949 | 11.883665 | 0.084149 | 1.7790% |
| 1948 | 11.675945 | 0.085646 | 1.8242% | 1947 | 11.466773 | 0.087208 | -2.6320% |
| 1946 | 11.776741 | 0.084913 | 3.1768% | 1945 | 11.414136 | 0.087611 | 6.4754% |
| 1944 | 10.719974 | 0.093284 | -0.3437% | 1943 | 10.756943 | 0.092963 | 0.6562% |
| 1942 | 10.686813 | 0.093573 | 0.6633% | 1941 | 10.616395 | 0.094194 | -5.6614% |
| 1940 | 11.253504 | 0.088861 | 8.0381% | 1939 | 10.416236 | 0.096004 | 0.8126% |
| 1938 | 10.332272 | 0.096784 | 0.7762% | 1937 | 10.252686 | 0.097535 | 0.6029% |
| 1936 | 10.191246 | 0.098123 | 0.5244% | 1935 | 10.138082 | 0.098638 | -3.0364% |
| 1934 | 10.455551 | 0.095643 | 4.6271% | 1933 | 9.993156 | 0.100068 | 1.3921% |
| 1932 | 9.855949 | 0.101462 | -0.2051% | 1931 | 9.876204 | 0.101253 | 0.8886% |
| 1930 | 9.789217 | 0.102153 | 1.0126% | 1929 | 9.691086 | 0.103188 | 1.1526% |
| 1928 | 9.580661 | 0.104377 | 1.2160% | 1927 | 9.465559 | 0.105646 | 1.4086% |
| 1926 | 9.334081 | 0.107134 | 1.7667% | 1925 | 9.172040 | 0.109027 | 1.4465% |
| 1924 | 9.041258 | 0.110604 | 1.7700% | 1923 | 8.884013 | 0.112562 | 1.6165% |
| 1922 | 8.742686 | 0.114381 | 1.3736% | 1921 | 8.624220 | 0.115953 | 2.3393% |
| 1920 | 8.427084 | 0.118665 | 1.3140% | 1919 | 8.317788 | 0.120224 | 0.7676% |
| 1918 | 8.254423 | 0.121147 | 0.3870% | 1917 | 8.222602 | 0.121616 | 1.3274% |
| 1916 | 8.114883 | 0.123230 | 1.4083% | 1915 | 8.002189 | 0.124966 | 1.4458% |
| 1914 | 7.888142 | 0.126773 | 1.9424% | 1913 | 7.737843 | 0.129235 | 1.9857% |
| 1912 | 7.587187 | 0.131801 | 1.5634% | 1911 | 7.470394 | 0.133862 | 1.8169% |
| 1910 | 7.337085 | 0.136294 | 1.8781% | 1909 | 7.201830 | 0.138854 | 2.0082% |
| 1908 | 7.060048 | 0.141642 | 1.9603% | 1907 | 6.924314 | 0.144419 | 1.8264% |
| 1906 | 6.800119 | 0.147056 | 1.9357% | 1905 | 6.670991 | 0.149903 | 2.0148% |
| 1904 | 6.539236 | 0.152923 | 2.1335% | 1903 | 6.402634 | 0.156186 | 1.8151% |
| 1902 | 6.288489 | 0.159021 | 1.8943% | 1901 | 6.171577 | 0.162033 | 3.0255% |
| 1900 | 5.990340 | 0.166935 | 0.6278% | 1899 | 5.952965 | 0.167984 | 1.7757% |
| 1898 | 5.849105 | 0.170966 | 1.8078% | 1897 | 5.745245 | 0.174057 | 1.8396% |
| 1896 | 5.641464 | 0.177259 | 1.8755% | 1895 | 5.537604 | 0.180584 | 1.9114% |
| 1894 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 5.433745 | 0.184035 | 1.9486% | 1893 | 5.329885 | 0.187621 | 1.9858% | 1892 |
| 5.226104 | 0.191347 | 2.0276% | 1891 | 5.122244 | 0.195227 | 2.6465% | 1890 |
| 4.990178 | 0.200394 | 1.5328% | 1889 | 4.914843 | 0.203465 | 2.0811% | 1888 |
| 4.814644 | 0.207700 | 2.1599% | 1887 | 4.712853 | 0.212186 | 2.2075% | 1886 |
| 4.611062 | 0.216870 | 2.2592% | 1885 | 4.509192 | 0.221769 | 2.3095% | 1884 |
| 4.407402 | 0.226891 | 2.3641% | 1883 | 4.305611 | 0.232255 | 2.4214% | 1882 |
| 4.203820 | 0.237879 | 2.4815% | 1881 | 4.102029 | 0.243782 | 3.7644% | 1880 |
| 3.953215 | 0.252959 | 0.9432% | 1879 | 3.916275 | 0.255345 | 2.1464% | 1878 |
| 3.833983 | 0.260825 | 2.1913% | 1877 | 3.751771 | 0.266541 | 2.2426% | 1876 |
| 3.669479 | 0.272518 | 2.2941% | 1875 | 3.587187 | 0.278770 | 2.3456% | 1874 |
| 3.504974 | 0.285309 | 2.4043% | 1873 | 3.422682 | 0.292169 | 2.4635% | 1872 |
| 3.340390 | 0.299366 | 2.5258% | 1871 | 3.258098 | 0.306928 | 5.9947% | 1870 |
| 3.073832 | 0.325327 | -1.0968% | 1869 | 3.107919 | 0.321759 | 2.1930% | 1868 |
| 3.041226 | 0.328815 | 2.2394% | 1867 | 2.974612 | 0.336178 | 2.2935% | 1866 |
| 2.907919 | 0.343889 | 2.3445% | 1865 | 2.841305 | 0.351951 | 2.4037% | 1864 |
| 2.774612 | 0.360411 | 2.4599% | 1863 | 2.707998 | 0.369276 | 2.5250% | 1862 |
| 2.641305 | 0.378601 | 2.5872% | 1861 | 2.574692 | 0.388396 | 2.9504% | 1860 |
| 2.500905 | 0.399855 | 2.4012% | 1859 | 2.442260 | 0.409457 | 2.7627% | 1858 |
| 2.376602 | 0.420769 | 2.8412% | 1857 | 2.310943 | 0.432724 | 2.9243% | 1856 |
| 2.245285 | 0.445378 | 3.0161% | 1855 | 2.179546 | 0.458811 | 3.1061% | 1854 |
| 2.113888 | 0.473062 | 3.2056% | 1853 | 2.048229 | 0.488227 | 3.3118% | 1852 |
| 1.982571 | 0.504396 | 3.4252% | 1851 | 1.916912 | 0.521672 | 4.0106% | 1850 |
| 1.842997 | 0.542595 | 2.3254% | 1849 | 1.801114 | 0.555212 | 2.7841% | 1848 |
| 1.752328 | 0.570669 | 2.8590% | 1847 | 1.703621 | 0.586985 | 2.9432% | 1846 |
| 1.654914 | 0.604261 | 3.0324% | 1845 | 1.606208 | 0.622584 | 3.1325% | 1844 |
| 1.557421 | 0.642087 | 3.2284% | 1843 | 1.508715 | 0.662816 | 3.3361% | 1842 |
| 1.460008 | 0.684928 | 3.4512% | 1841 | 1.411301 | 0.708566 | 3.8105% | 1840 |
| 1.359498 | 0.735566 | 2.3861% | 1839 | 1.327815 | 0.753117 | 2.5824% | 1838 |
| 1.294389 | 0.772565 | 2.6573% | 1837 | 1.260883 | 0.793095 | 2.7232% | 1836 |
| 1.227457 | 0.814692 | 2.7994% | 1835 | 1.194031 | 0.837499 | 2.8871% | 1834 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 1.160525 | 0.861679 | 2.9657% | 1833 | 1.127099 | 0.887233 | 3.0563% | 1832 |
| 1.093673 | 0.914350 | 3.1604% | 1831 | 1.060167 | 0.943248 | 3.4660% | 1830 |
| 1.024653 | 0.975940 | 2.4653% | 1829 | 1.000000 | 1.000000 | 2.6804% | 1828 |
| 0.973896 | 1.026804 | 10.3427% | 1827 | 0.882610 | 1.133003 | -4.2314% | 1826 |
| 0.921608 | 1.085060 | 2.9150% | 1825 | 0.895503 | 1.116690 | 3.0026% | 1824 |
| 0.869399 | 1.150220 | 3.0955% | 1823 | 0.843295 | 1.185825 | 3.1944% | 1822 |
| 0.817191 | 1.223705 | 3.3102% | 1821 | 0.791007 | 1.264212 | 3.2277% | 1820 |
| 0.766273 | 1.305017 | 2.6573% | 1819 | 0.746439 | 1.339695 | 2.6261% | 1818 |
| 0.727338 | 1.374877 | 2.6969% | 1817 | 0.708237 | 1.411956 | 2.7717% | 1816 |
| 0.689136 | 1.451091 | 2.8507% | 1815 | 0.670036 | 1.492458 | 2.9343% | 1814 |
| 0.650935 | 1.536251 | 3.0231% | 1813 | 0.631834 | 1.582693 | 3.1039% | 1812 |
| 0.612813 | 1.631818 | 3.2172% | 1811 | 0.593713 | 1.684316 | 3.0969% | 1810 |
| 0.575878 | 1.736478 | 2.9144% | 1809 | 0.559570 | 1.787086 | 2.8225% | 1808 |
| 0.544210 | 1.837526 | 2.9199% | 1807 | 0.528770 | 1.891180 | 2.9918% | 1806 |
| 0.513410 | 1.947760 | 3.0841% | 1805 | 0.498050 | 2.007830 | 3.1822% | 1804 |
| 0.482690 | 2.071723 | 3.2868% | 1803 | 0.467330 | 2.139816 | 3.3985% | 1802 |
| 0.451970 | 2.212537 | 3.5180% | 1801 | 0.436610 | 2.290376 | 3.3999% | 1800 |
| 0.422253 | 2.368247 | 2.8419% | 1799 | 0.410585 | 2.435550 | 2.7485% | 1798 |
| 0.399602 | 2.502490 | 2.8261% | 1797 | 0.388619 | 2.573213 | 3.7832% | 1796 |
| 0.374453 | 2.670563 | 2.1272% | 1795 | 0.366653 | 2.727371 | 3.0879% | 1794 |
| 0.355671 | 2.811591 | 3.1625% | 1793 | 0.344767 | 2.900508 | 3.2904% | 1792 |
| 0.333784 | 2.995947 | 3.4024% | 1791 | 0.322801 | 3.097880 | 3.2296% | 1790 |
| 0.312703 | 3.197928 | 41.3145% | 1780 | 0.221281 | 4.519134 | 29.4353% | 1770 |
| 0.170959 | 5.849355 | 83.4728% | 1750 | 0.093179 | 10.731978 | 29.2845% | 1740 |
| 0.072073 | 13.874779 | 94.2514% | 1720 | 0.037103 | 26.951952 | 85.8111% | 1700 |
| 0.019968 | 50.079713 | 19.2490% | 1690 | 0.016745 | 59.719582 | 88.0250% | 1670 |
| 0.008906 | 112.287757 | | | | | | |

BASE YEAR: 1828

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 24.632700 | 0.040596 | 8.2857% | 2001 | 22.747887 | 0.043960 | 1.0000% |
| 2000 | 22.522658 | 0.044400 | 1.0000% | 1999 | 22.299662 | 0.044844 | 1.0000% |
| 1998 | 22.078873 | 0.045292 | 1.0000% | 1997 | 21.860270 | 0.045745 | 1.0000% |
| 1996 | 21.643832 | 0.046203 | 1.0000% | 1995 | 21.429537 | 0.046665 | 0.9992% |
| 1994 | 21.217527 | 0.047131 | 1.0008% | 1993 | 21.007290 | 0.047603 | 1.0000% |
| 1992 | 20.799297 | 0.048079 | 0.9295% | 1991 | 20.607747 | 0.048525 | 1.2505% |
| 1990 | 20.353227 | 0.049132 | 0.7224% | 1989 | 20.207240 | 0.049487 | 1.1077% |
| 1988 | 19.985863 | 0.050035 | 0.8834% | 1987 | 19.810861 | 0.050477 | 0.5594% |
| 1986 | 19.700662 | 0.050760 | 1.3056% | 1985 | 19.446760 | 0.051422 | 0.7673% |
| 1984 | 19.298684 | 0.051817 | 0.8149% | 1983 | 19.142682 | 0.052239 | 0.9737% |
| 1982 | 18.958078 | 0.052748 | 0.9508% | 1981 | 18.779521 | 0.053249 | 0.9031% |
| 1980 | 18.611447 | 0.053730 | 2.2701% | 1979 | 18.198333 | 0.054950 | 1.0042% |
| 1978 | 18.017406 | 0.055502 | 0.9896% | 1977 | 17.840852 | 0.056051 | 0.9103% |
| 1976 | 17.679905 | 0.056561 | 0.8394% | 1975 | 17.532729 | 0.057036 | 0.9042% |
| 1974 | 17.375623 | 0.057552 | 1.1568% | 1973 | 17.176922 | 0.058218 | 0.9427% |
| 1972 | 17.016507 | 0.058766 | 0.7426% | 1971 | 16.891068 | 0.059203 | 1.4697% |
| 1970 | 16.646410 | 0.060073 | 0.6968% | 1969 | 16.531217 | 0.060492 | 0.8565% |
| 1968 | 16.390823 | 0.061010 | 1.5090% | 1967 | 16.147156 | 0.061930 | 0.9949% |
| 1966 | 15.988089 | 0.062547 | 1.0575% | 1965 | 15.820789 | 0.063208 | 1.1300% |
| 1964 | 15.644010 | 0.063922 | 1.5537% | 1963 | 15.404674 | 0.064915 | 1.4658% |
| 1962 | 15.182132 | 0.065867 | 1.5364% | 1961 | 14.952398 | 0.066879 | 2.1586% |
| 1960 | 14.636450 | 0.068323 | -1.6655% | 1959 | 14.884347 | 0.067185 | 4.3080% |
| 1958 | 14.269613 | 0.070079 | 2.1130% | 1957 | 13.974340 | 0.071560 | 1.9895% |
| 1956 | 13.701745 | 0.072983 | 2.1231% | 1955 | 13.416891 | 0.074533 | 1.4496% |
| 1954 | 13.225178 | 0.075613 | 2.1573% | 1953 | 12.945902 | 0.077245 | 1.2298% |
| 1952 | 12.788633 | 0.078194 | 1.6814% | 1951 | 12.577164 | 0.079509 | 1.6233% |
| 1950 | 12.376263 | 0.080800 | 1.4265% | 1949 | 12.202194 | 0.081952 | 1.7790% |
| 1948 | 11.988907 | 0.083410 | 1.8242% | 1947 | 11.774128 | 0.084932 | -2.6320% |
| 1946 | 12.092404 | 0.082697 | 3.1768% | 1945 | 11.720080 | 0.085324 | 6.4754% |
| 1944 | 11.007311 | 0.090849 | -0.3437% | 1943 | 11.045271 | 0.090536 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 10.973262 | 0.091131 | 0.6633% | 1941 | 10.900956 | 0.091735 | -5.6614% |
| 1940 | 11.555142 | 0.086542 | 8.0381% | 1939 | 10.695432 | 0.093498 | 0.8126% |
| 1938 | 10.609218 | 0.094258 | 0.7762% | 1937 | 10.527499 | 0.094989 | 0.6029% |
| 1936 | 10.464411 | 0.095562 | 0.5244% | 1935 | 10.409823 | 0.096063 | -3.0364% |
| 1934 | 10.735801 | 0.093146 | 4.6271% | 1933 | 10.261012 | 0.097456 | 1.3921% |
| 1932 | 10.120127 | 0.098813 | -0.2051% | 1931 | 10.140925 | 0.098610 | 0.8886% |
| 1930 | 10.051607 | 0.099487 | 1.0126% | 1929 | 9.950846 | 0.100494 | 1.1526% |
| 1928 | 9.837460 | 0.101652 | 1.2160% | 1927 | 9.719274 | 0.102888 | 1.4086% |
| 1926 | 9.584271 | 0.104338 | 1.7667% | 1925 | 9.417887 | 0.106181 | 1.4465% |
| 1924 | 9.283599 | 0.107717 | 1.7700% | 1923 | 9.122140 | 0.109623 | 1.6165% |
| 1922 | 8.977024 | 0.111395 | 1.3736% | 1921 | 8.855383 | 0.112926 | 2.3393% |
| 1920 | 8.652963 | 0.115567 | 1.3140% | 1919 | 8.540737 | 0.117086 | 0.7676% |
| 1918 | 8.475674 | 0.117985 | 0.3870% | 1917 | 8.443001 | 0.118441 | 1.3274% |
| 1916 | 8.332394 | 0.120014 | 1.4083% | 1915 | 8.216679 | 0.121704 | 1.4458% |
| 1914 | 8.099575 | 0.123463 | 1.9424% | 1913 | 7.945248 | 0.125861 | 1.9857% |
| 1912 | 7.790553 | 0.128361 | 1.5634% | 1911 | 7.670630 | 0.130367 | 1.8169% |
| 1910 | 7.533748 | 0.132736 | 1.8781% | 1909 | 7.394868 | 0.135229 | 2.0082% |
| 1908 | 7.249285 | 0.137945 | 1.9603% | 1907 | 7.109913 | 0.140649 | 1.8264% |
| 1906 | 6.982389 | 0.143217 | 1.9357% | 1905 | 6.849800 | 0.145990 | 2.0148% |
| 1904 | 6.714513 | 0.148931 | 2.1335% | 1903 | 6.574250 | 0.152109 | 1.8151% |
| 1902 | 6.457045 | 0.154870 | 1.8943% | 1901 | 6.337000 | 0.157803 | 3.0255% |
| 1900 | 6.150904 | 0.162578 | 0.6278% | 1899 | 6.112528 | 0.163598 | 1.7757% |
| 1898 | 6.005884 | 0.166503 | 1.8078% | 1897 | 5.899240 | 0.169513 | 1.8396% |
| 1896 | 5.792678 | 0.172632 | 1.8755% | 1895 | 5.686034 | 0.175870 | 1.9114% |
| 1894 | 5.579390 | 0.179231 | 1.9486% | 1893 | 5.472747 | 0.182724 | 1.9858% |
| 1892 | 5.366185 | 0.186352 | 2.0276% | 1891 | 5.259541 | 0.190131 | 2.6465% |
| 1890 | 5.123935 | 0.195163 | 1.5328% | 1889 | 5.046580 | 0.198154 | 2.0811% |
| 1888 | 4.943695 | 0.202278 | 2.1599% | 1887 | 4.839176 | 0.206647 | 2.2075% |
| 1886 | 4.734657 | 0.211209 | 2.2592% | 1885 | 4.630056 | 0.215980 | 2.3095% |
| 1884 | 4.525537 | 0.220968 | 2.3641% | 1883 | 4.421018 | 0.226192 | 2.4214% |
| 1882 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 4.316499 | 0.231669 | 2.4815% | 1881 | 4.211980 | 0.237418 | 3.7644% | 1880 |
| 4.059177 | 0.246355 | 0.9432% | 1879 | 4.021247 | 0.248679 | 2.1464% | 1878 |
| 3.936749 | 0.254017 | 2.1913% | 1877 | 3.852333 | 0.259583 | 2.2426% | 1876 |
| 3.767835 | 0.265404 | 2.2941% | 1875 | 3.683337 | 0.271493 | 2.3456% | 1874 |
| 3.598921 | 0.277861 | 2.4043% | 1873 | 3.514423 | 0.284542 | 2.4635% | 1872 |
| 3.429926 | 0.291552 | 2.5258% | 1871 | 3.345428 | 0.298915 | 5.9947% | 1870 |
| 3.156223 | 0.316834 | -1.0968% | 1869 | 3.191223 | 0.313359 | 2.1930% | 1868 |
| 3.122743 | 0.320231 | 2.2394% | 1867 | 3.054343 | 0.327403 | 2.2935% | 1866 |
| 2.985863 | 0.334912 | 2.3445% | 1865 | 2.917463 | 0.342764 | 2.4037% | 1864 |
| 2.848983 | 0.351002 | 2.4599% | 1863 | 2.780583 | 0.359637 | 2.5250% | 1862 |
| 2.712103 | 0.368718 | 2.5872% | 1861 | 2.643704 | 0.378257 | 2.9504% | 1860 |
| 2.567939 | 0.389417 | 2.4012% | 1859 | 2.507722 | 0.398768 | 2.7627% | 1858 |
| 2.440304 | 0.409785 | 2.8412% | 1857 | 2.372886 | 0.421428 | 2.9243% | 1856 |
| 2.305467 | 0.433752 | 3.0161% | 1855 | 2.237967 | 0.446834 | 3.1061% | 1854 |
| 2.170548 | 0.460713 | 3.2056% | 1853 | 2.103130 | 0.475482 | 3.3118% | 1852 |
| 2.035711 | 0.491229 | 3.4252% | 1851 | 1.968293 | 0.508054 | 4.0106% | 1850 |
| 1.892396 | 0.528431 | 2.3254% | 1849 | 1.849391 | 0.540718 | 2.7841% | 1848 |
| 1.799297 | 0.555773 | 2.8590% | 1847 | 1.749285 | 0.571662 | 2.9432% | 1846 |
| 1.699273 | 0.588487 | 3.0324% | 1845 | 1.649260 | 0.606332 | 3.1325% | 1844 |
| 1.599166 | 0.625326 | 3.2284% | 1843 | 1.549154 | 0.645514 | 3.3361% | 1842 |
| 1.499142 | 0.667048 | 3.4512% | 1841 | 1.449130 | 0.690069 | 3.8105% | 1840 |
| 1.395938 | 0.716364 | 2.3861% | 1839 | 1.363406 | 0.733457 | 2.5824% | 1838 |
| 1.329084 | 0.752398 | 2.6573% | 1837 | 1.294680 | 0.772392 | 2.7232% | 1836 |
| 1.260358 | 0.793425 | 2.7994% | 1835 | 1.226036 | 0.815637 | 2.8871% | 1834 |
| 1.191632 | 0.839185 | 2.9657% | 1833 | 1.157310 | 0.864073 | 3.0563% | 1832 |
| 1.122988 | 0.890482 | 3.1604% | 1831 | 1.088584 | 0.918625 | 3.4660% | 1830 |
| 1.052118 | 0.950464 | 2.4653% | 1829 | 1.026804 | 0.973896 | 2.6804% | 1828 |
| 1.000000 | 1.000000 | 10.3427% | 1827 | 0.906268 | 1.103427 | -4.2314% | 1826 |
| 0.946310 | 1.056736 | 2.9150% | 1825 | 0.919506 | 1.087540 | 3.0026% | 1824 |
| 0.892702 | 1.120194 | 3.0955% | 1823 | 0.865899 | 1.154870 | 3.1944% | 1822 |

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|----------|------------|----------|------|----------|-----------|----------|------|
| 0.839095 | 1.191761 | 3.3102% | 1821 | 0.812209 | 1.231210 | 3.2277% | 1820 |
| 0.786813 | 1.270951 | 2.6573% | 1819 | 0.766446 | 1.304723 | 2.6261% | 1818 |
| 0.746833 | 1.338987 | 2.6969% | 1817 | 0.727221 | 1.375098 | 2.7717% | 1816 |
| 0.707608 | 1.413212 | 2.8507% | 1815 | 0.687995 | 1.453498 | 2.9343% | 1814 |
| 0.668383 | 1.496149 | 3.0231% | 1813 | 0.648770 | 1.541378 | 3.1039% | 1812 |
| 0.629239 | 1.589221 | 3.2172% | 1811 | 0.609627 | 1.640349 | 3.0969% | 1810 |
| 0.591314 | 1.691149 | 2.9144% | 1809 | 0.574569 | 1.740435 | 2.8225% | 1808 |
| 0.558797 | 1.789558 | 2.9199% | 1807 | 0.542944 | 1.841812 | 2.9918% | 1806 |
| 0.527172 | 1.896915 | 3.0841% | 1805 | 0.511400 | 1.955417 | 3.1822% | 1804 |
| 0.495628 | 2.017642 | 3.2868% | 1803 | 0.479856 | 2.083958 | 3.3985% | 1802 |
| 0.464084 | 2.154781 | 3.5180% | 1801 | 0.448312 | 2.230587 | 3.3999% | 1800 |
| 0.433571 | 2.306426 | 2.8419% | 1799 | 0.421590 | 2.371971 | 2.7485% | 1798 |
| 0.410313 | 2.437164 | 2.8261% | 1797 | 0.399036 | 2.506041 | 3.7832% | 1796 |
| 0.384490 | 2.600850 | 2.1272% | 1795 | 0.376481 | 2.656175 | 3.0879% | 1794 |
| 0.365204 | 2.738196 | 3.1625% | 1793 | 0.354008 | 2.824792 | 3.2904% | 1792 |
| 0.342731 | 2.917740 | 3.4024% | 1791 | 0.331454 | 3.017012 | 3.2296% | 1790 |
| 0.321084 | 3.114448 | 41.3145% | 1780 | 0.227213 | 4.401165 | 29.4353% | 1770 |
| 0.175541 | 5.696662 | 83.4728% | 1750 | 0.095677 | 10.451828 | 29.2845% | 1740 |
| 0.074005 | 13.512588 | 94.2514% | 1720 | 0.038098 | 26.248391 | 85.8111% | 1700 |
| 0.020503 | 48.772419 | 19.2490% | 1690 | 0.017194 | 58.160646 | 88.0250% | 1670 |
| 0.009144 | 109.356568 | | | | | | |

BASE YEAR: 1827

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 27.180374 | 0.036791 | 8.2857% | 2001 | 25.100622 | 0.039840 | 1.0000% |
| 2000 | 24.852098 | 0.040238 | 1.0000% | 1999 | 24.606038 | 0.040640 | 1.0000% |
| 1998 | 24.362414 | 0.041047 | 1.0000% | 1997 | 24.121202 | 0.041457 | 1.0000% |
| 1996 | 23.882378 | 0.041872 | 1.0000% | 1995 | 23.645919 | 0.042291 | 0.9992% |
| 1994 | 23.411981 | 0.042713 | 1.0008% | 1993 | 23.180001 | 0.043141 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 22.950496 | 0.043572 | 0.9295% | 1991 | 22.739134 | 0.043977 | 1.2505% |
| 1990 | 22.458290 | 0.044527 | 0.7224% | 1989 | 22.297205 | 0.044849 | 1.1077% |
| 1988 | 22.052931 | 0.045345 | 0.8834% | 1987 | 21.859829 | 0.045746 | 0.5594% |
| 1986 | 21.738233 | 0.046002 | 1.3056% | 1985 | 21.458070 | 0.046603 | 0.7673% |
| 1984 | 21.294680 | 0.046960 | 0.8149% | 1983 | 21.122543 | 0.047343 | 0.9737% |
| 1982 | 20.918846 | 0.047804 | 0.9508% | 1981 | 20.721821 | 0.048258 | 0.9031% |
| 1980 | 20.536365 | 0.048694 | 2.2701% | 1979 | 20.080523 | 0.049799 | 1.0042% |
| 1978 | 19.880884 | 0.050300 | 0.9896% | 1977 | 19.686069 | 0.050797 | 0.9103% |
| 1976 | 19.508476 | 0.051260 | 0.8394% | 1975 | 19.346078 | 0.051690 | 0.9042% |
| 1974 | 19.172723 | 0.052157 | 1.1568% | 1973 | 18.953472 | 0.052761 | 0.9427% |
| 1972 | 18.776465 | 0.053258 | 0.7426% | 1971 | 18.638052 | 0.053654 | 1.4697% |
| 1970 | 18.368090 | 0.054442 | 0.6968% | 1969 | 18.240983 | 0.054822 | 0.8565% |
| 1968 | 18.086069 | 0.055291 | 1.5090% | 1967 | 17.817200 | 0.056126 | 0.9949% |
| 1966 | 17.641682 | 0.056684 | 1.0575% | 1965 | 17.457078 | 0.057283 | 1.1300% |
| 1964 | 17.262015 | 0.057931 | 1.5537% | 1963 | 16.997926 | 0.058831 | 1.4658% |
| 1962 | 16.752367 | 0.059693 | 1.5364% | 1961 | 16.498873 | 0.060610 | 2.1586% |
| 1960 | 16.150247 | 0.061919 | -1.6655% | 1959 | 16.423783 | 0.060887 | 4.3080% |
| 1958 | 15.745469 | 0.063510 | 2.1130% | 1957 | 15.419657 | 0.064852 | 1.9895% |
| 1956 | 15.118868 | 0.066143 | 2.1231% | 1955 | 14.804554 | 0.067547 | 1.4496% |
| 1954 | 14.593012 | 0.068526 | 2.1573% | 1953 | 14.284851 | 0.070004 | 1.2298% |
| 1952 | 14.111317 | 0.070865 | 1.6814% | 1951 | 13.877976 | 0.072057 | 1.6233% |
| 1950 | 13.656297 | 0.073226 | 1.4265% | 1949 | 13.464225 | 0.074271 | 1.7790% |
| 1948 | 13.228877 | 0.075592 | 1.8242% | 1947 | 12.991885 | 0.076971 | -2.6320% |
| 1946 | 13.343079 | 0.074945 | 3.1768% | 1945 | 12.932248 | 0.077326 | 6.4754% |
| 1944 | 12.145759 | 0.082333 | -0.3437% | 1943 | 12.187645 | 0.082050 | 0.6562% |
| 1942 | 12.108188 | 0.082589 | 0.6633% | 1941 | 12.028404 | 0.083137 | -5.6614% |
| 1940 | 12.750250 | 0.078430 | 8.0381% | 1939 | 11.801623 | 0.084734 | 0.8126% |
| 1938 | 11.706492 | 0.085423 | 0.7762% | 1937 | 11.616321 | 0.086086 | 0.6029% |
| 1936 | 11.546709 | 0.086605 | 0.5244% | 1935 | 11.486474 | 0.087059 | -3.0364% |
| 1934 | 11.846168 | 0.084415 | 4.6271% | 1933 | 11.322272 | 0.088321 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 11.166817 | 0.089551 | -0.2051% | 1931 | 11.189766 | 0.089367 | 0.8886% |
| 1930 | 11.091209 | 0.090161 | 1.0126% | 1929 | 10.980027 | 0.091074 | 1.1526% |
| 1928 | 10.854914 | 0.092124 | 1.2160% | 1927 | 10.724504 | 0.093244 | 1.4086% |
| 1926 | 10.575539 | 0.094558 | 1.7667% | 1925 | 10.391946 | 0.096228 | 1.4465% |
| 1924 | 10.243769 | 0.097620 | 1.7700% | 1923 | 10.065611 | 0.099348 | 1.6165% |
| 1922 | 9.905487 | 0.100954 | 1.3736% | 1921 | 9.771264 | 0.102341 | 2.3393% |
| 1920 | 9.547909 | 0.104735 | 1.3140% | 1919 | 9.424076 | 0.106111 | 0.7676% |
| 1918 | 9.352284 | 0.106926 | 0.3870% | 1917 | 9.316231 | 0.107340 | 1.3274% |
| 1916 | 9.194184 | 0.108764 | 1.4083% | 1915 | 9.066501 | 0.110296 | 1.4458% |
| 1914 | 8.937286 | 0.111891 | 1.9424% | 1913 | 8.766997 | 0.114064 | 1.9857% |
| 1912 | 8.596303 | 0.116329 | 1.5634% | 1911 | 8.463977 | 0.118148 | 1.8169% |
| 1910 | 8.312937 | 0.120294 | 1.8781% | 1909 | 8.159693 | 0.122554 | 2.0082% |
| 1908 | 7.999053 | 0.125015 | 1.9603% | 1907 | 7.845266 | 0.127465 | 1.8264% |
| 1906 | 7.704554 | 0.129793 | 1.9357% | 1905 | 7.558251 | 0.132306 | 2.0148% |
| 1904 | 7.408972 | 0.134971 | 2.1335% | 1903 | 7.254202 | 0.137851 | 1.8151% |
| 1902 | 7.124875 | 0.140353 | 1.8943% | 1901 | 6.992414 | 0.143012 | 3.0255% |
| 1900 | 6.787071 | 0.147339 | 0.6278% | 1899 | 6.744725 | 0.148264 | 1.7757% |
| 1898 | 6.627051 | 0.150897 | 1.8078% | 1897 | 6.509378 | 0.153625 | 1.8396% |
| 1896 | 6.391794 | 0.156451 | 1.8755% | 1895 | 6.274121 | 0.159385 | 1.9114% |
| 1894 | 6.156447 | 0.162431 | 1.9486% | 1893 | 6.038774 | 0.165597 | 1.9858% |
| 1892 | 5.921190 | 0.168885 | 2.0276% | 1891 | 5.803517 | 0.172309 | 2.6465% |
| 1890 | 5.653886 | 0.176870 | 1.5328% | 1889 | 5.568530 | 0.179581 | 2.0811% |
| 1888 | 5.455005 | 0.183318 | 2.1599% | 1887 | 5.339675 | 0.187277 | 2.2075% |
| 1886 | 5.224346 | 0.191412 | 2.2592% | 1885 | 5.108927 | 0.195736 | 2.3095% |
| 1884 | 4.993598 | 0.200256 | 2.3641% | 1883 | 4.878269 | 0.204991 | 2.4214% |
| 1882 | 4.762940 | 0.209954 | 2.4815% | 1881 | 4.647610 | 0.215164 | 3.7644% |
| 1880 | 4.479003 | 0.223264 | 0.9432% | 1879 | 4.437151 | 0.225370 | 2.1464% |
| 1878 | 4.343913 | 0.230207 | 2.1913% | 1877 | 4.250766 | 0.235252 | 2.2426% |
| 1876 | 4.157529 | 0.240527 | 2.2941% | 1875 | 4.064292 | 0.246045 | 2.3456% |
| 1874 | 3.971145 | 0.251817 | 2.4043% | 1873 | 3.877908 | 0.257871 | 2.4635% |
| 1872 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.784671 | 0.264224 | 2.5258% | 1871 | 3.691434 | 0.270897 | 5.9947% | 1870 |
| 3.482660 | 0.287137 | -1.0968% | 1869 | 3.521280 | 0.283988 | 2.1930% | 1868 |
| 3.445717 | 0.290215 | 2.2394% | 1867 | 3.370243 | 0.296714 | 2.2935% | 1866 |
| 3.294680 | 0.303520 | 2.3445% | 1865 | 3.219206 | 0.310636 | 2.4037% | 1864 |
| 3.143643 | 0.318102 | 2.4599% | 1863 | 3.068170 | 0.325927 | 2.5250% | 1862 |
| 2.992606 | 0.334157 | 2.5872% | 1861 | 2.917133 | 0.342802 | 2.9504% | 1860 |
| 2.833532 | 0.352916 | 2.4012% | 1859 | 2.767087 | 0.361391 | 2.7627% | 1858 |
| 2.692696 | 0.371375 | 2.8412% | 1857 | 2.618305 | 0.381927 | 2.9243% | 1856 |
| 2.543913 | 0.393095 | 3.0161% | 1855 | 2.469432 | 0.404951 | 3.1061% | 1854 |
| 2.395041 | 0.417529 | 3.2056% | 1853 | 2.320649 | 0.430914 | 3.3118% | 1852 |
| 2.246258 | 0.445185 | 3.4252% | 1851 | 2.171867 | 0.460433 | 4.0106% | 1850 |
| 2.088120 | 0.478900 | 2.3254% | 1849 | 2.040667 | 0.490036 | 2.7841% | 1848 |
| 1.985392 | 0.503679 | 2.8590% | 1847 | 1.930207 | 0.518079 | 2.9432% | 1846 |
| 1.875023 | 0.533327 | 3.0324% | 1845 | 1.819838 | 0.549500 | 3.1325% | 1844 |
| 1.764563 | 0.566713 | 3.2284% | 1843 | 1.709378 | 0.585008 | 3.3361% | 1842 |
| 1.654193 | 0.604524 | 3.4512% | 1841 | 1.599008 | 0.625388 | 3.8105% | 1840 |
| 1.540315 | 0.649218 | 2.3861% | 1839 | 1.504418 | 0.664709 | 2.5824% | 1838 |
| 1.466546 | 0.681874 | 2.6573% | 1837 | 1.428584 | 0.699994 | 2.7232% | 1836 |
| 1.390712 | 0.719056 | 2.7994% | 1835 | 1.352840 | 0.739185 | 2.8871% | 1834 |
| 1.314878 | 0.760527 | 2.9657% | 1833 | 1.277006 | 0.783081 | 3.0563% | 1832 |
| 1.239134 | 0.807015 | 3.1604% | 1831 | 1.201172 | 0.832520 | 3.4660% | 1830 |
| 1.160935 | 0.861375 | 2.4653% | 1829 | 1.133003 | 0.882610 | 2.6804% | 1828 |
| 1.103427 | 0.906268 | 10.3427% | 1827 | 1.000000 | 1.000000 | -4.2314% | 1826 |
| 1.044184 | 0.957686 | 2.9150% | 1825 | 1.014608 | 0.985603 | 3.0026% | 1824 |
| 0.985032 | 1.015196 | 3.0955% | 1823 | 0.955455 | 1.046621 | 3.1944% | 1822 |
| 0.925879 | 1.080055 | 3.3102% | 1821 | 0.896213 | 1.115806 | 3.2277% | 1820 |
| 0.868190 | 1.151822 | 2.6573% | 1819 | 0.845717 | 1.182429 | 2.6261% | 1818 |
| 0.824076 | 1.213481 | 2.6969% | 1817 | 0.802435 | 1.246207 | 2.7717% | 1816 |
| 0.780794 | 1.280748 | 2.8507% | 1815 | 0.759152 | 1.317259 | 2.9343% | 1814 |
| 0.737511 | 1.355911 | 3.0231% | 1813 | 0.715870 | 1.396901 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.694319 | 1.440260 | 3.2172% | 1811 | 0.672678 | 1.486595 | 3.0969% | 1810 |
| 0.652472 | 1.532634 | 2.9144% | 1809 | 0.633995 | 1.577301 | 2.8225% | 1808 |
| 0.616592 | 1.621819 | 2.9199% | 1807 | 0.599098 | 1.669175 | 2.9918% | 1806 |
| 0.581695 | 1.719113 | 3.0841% | 1805 | 0.564292 | 1.772132 | 3.1822% | 1804 |
| 0.546889 | 1.828524 | 3.2868% | 1803 | 0.529486 | 1.888624 | 3.3985% | 1802 |
| 0.512083 | 1.952809 | 3.5180% | 1801 | 0.494680 | 2.021509 | 3.3999% | 1800 |
| 0.478414 | 2.090240 | 2.8419% | 1799 | 0.465194 | 2.149641 | 2.7485% | 1798 |
| 0.452750 | 2.208723 | 2.8261% | 1797 | 0.440307 | 2.271145 | 3.7832% | 1796 |
| 0.424256 | 2.357067 | 2.1272% | 1795 | 0.415419 | 2.407206 | 3.0879% | 1794 |
| 0.402976 | 2.481539 | 3.1625% | 1793 | 0.390622 | 2.560018 | 3.2904% | 1792 |
| 0.378179 | 2.644254 | 3.4024% | 1791 | 0.365735 | 2.734221 | 3.2296% | 1790 |
| 0.354293 | 2.822524 | 41.3145% | 1780 | 0.250712 | 3.988635 | 29.4353% | 1770 |
| 0.193697 | 5.162702 | 83.4728% | 1750 | 0.105573 | 9.472156 | 29.2845% | 1740 |
| 0.081659 | 12.246025 | 94.2514% | 1720 | 0.042038 | 23.788074 | 85.8111% | 1700 |
| 0.022624 | 44.200877 | 19.2490% | 1690 | 0.018972 | 52.709125 | 88.0250% | 1670 |
| 0.010090 | 99.106345 | | | | | | |

BASE YEAR: 1826

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 26.030255 | 0.038417 | 8.2857% | 2001 | 24.038506 | 0.041600 | 1.0000% |
| 2000 | 23.800498 | 0.042016 | 1.0000% | 1999 | 23.564850 | 0.042436 | 1.0000% |
| 1998 | 23.331535 | 0.042860 | 1.0000% | 1997 | 23.100529 | 0.043289 | 1.0000% |
| 1996 | 22.871811 | 0.043722 | 1.0000% | 1995 | 22.645358 | 0.044159 | 0.9992% |
| 1994 | 22.421319 | 0.044600 | 1.0008% | 1993 | 22.199155 | 0.045047 | 1.0000% |
| 1992 | 21.979361 | 0.045497 | 0.9295% | 1991 | 21.776943 | 0.045920 | 1.2505% |
| 1990 | 21.507982 | 0.046494 | 0.7224% | 1989 | 21.353713 | 0.046830 | 1.1077% |
| 1988 | 21.119775 | 0.047349 | 0.8834% | 1987 | 20.934845 | 0.047767 | 0.5594% |
| 1986 | 20.818394 | 0.048034 | 1.3056% | 1985 | 20.550086 | 0.048662 | 0.7673% |
| 1984 | 20.393610 | 0.049035 | 0.8149% | 1983 | 20.228756 | 0.049435 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 20.033679 | 0.049916 | 0.9508% | 1981 | 19.844991 | 0.050391 | 0.9031% |
| 1980 | 19.667382 | 0.050846 | 2.2701% | 1979 | 19.230829 | 0.052000 | 1.0042% |
| 1978 | 19.039637 | 0.052522 | 0.9896% | 1977 | 18.853066 | 0.053042 | 0.9103% |
| 1976 | 18.682988 | 0.053525 | 0.8394% | 1975 | 18.527461 | 0.053974 | 0.9042% |
| 1974 | 18.361442 | 0.054462 | 1.1568% | 1973 | 18.151468 | 0.055092 | 0.9427% |
| 1972 | 17.981952 | 0.055611 | 0.7426% | 1971 | 17.849396 | 0.056024 | 1.4697% |
| 1970 | 17.590856 | 0.056848 | 0.6968% | 1969 | 17.469128 | 0.057244 | 0.8565% |
| 1968 | 17.320769 | 0.057734 | 1.5090% | 1967 | 17.063277 | 0.058605 | 0.9949% |
| 1966 | 16.895186 | 0.059188 | 1.0575% | 1965 | 16.718394 | 0.059814 | 1.1300% |
| 1964 | 16.531585 | 0.060490 | 1.5537% | 1963 | 16.278670 | 0.061430 | 1.4658% |
| 1962 | 16.043502 | 0.062331 | 1.5364% | 1961 | 15.800734 | 0.063288 | 2.1586% |
| 1960 | 15.466860 | 0.064654 | -1.6655% | 1959 | 15.728821 | 0.063578 | 4.3080% |
| 1958 | 15.079210 | 0.066316 | 2.1130% | 1957 | 14.767185 | 0.067718 | 1.9895% |
| 1956 | 14.479123 | 0.069065 | 2.1231% | 1955 | 14.178109 | 0.070531 | 1.4496% |
| 1954 | 13.975518 | 0.071554 | 2.1573% | 1953 | 13.680397 | 0.073097 | 1.2298% |
| 1952 | 13.514206 | 0.073996 | 1.6814% | 1951 | 13.290738 | 0.075240 | 1.6233% |
| 1950 | 13.078440 | 0.076462 | 1.4265% | 1949 | 12.894495 | 0.077552 | 1.7790% |
| 1948 | 12.669106 | 0.078932 | 1.8242% | 1947 | 12.442142 | 0.080372 | -2.6320% |
| 1946 | 12.778476 | 0.078257 | 3.1768% | 1945 | 12.385028 | 0.080743 | 6.4754% |
| 1944 | 11.631819 | 0.085971 | -0.3437% | 1943 | 11.671933 | 0.085676 | 0.6562% |
| 1942 | 11.595838 | 0.086238 | 0.6633% | 1941 | 11.519430 | 0.086810 | -5.6614% |
| 1940 | 12.210732 | 0.081895 | 8.0381% | 1939 | 11.302245 | 0.088478 | 0.8126% |
| 1938 | 11.211140 | 0.089197 | 0.7762% | 1937 | 11.124784 | 0.089889 | 0.6029% |
| 1936 | 11.058117 | 0.090431 | 0.5244% | 1935 | 11.000432 | 0.090906 | -3.0364% |
| 1934 | 11.344905 | 0.088145 | 4.6271% | 1933 | 10.843178 | 0.092224 | 1.3921% |
| 1932 | 10.694301 | 0.093508 | -0.2051% | 1931 | 10.716278 | 0.093316 | 0.8886% |
| 1930 | 10.621892 | 0.094145 | 1.0126% | 1929 | 10.515415 | 0.095098 | 1.1526% |
| 1928 | 10.395596 | 0.096195 | 1.2160% | 1927 | 10.270704 | 0.097364 | 1.4086% |
| 1926 | 10.128042 | 0.098736 | 1.7667% | 1925 | 9.952218 | 0.100480 | 1.4465% |
| 1924 | 9.810311 | 0.101934 | 1.7700% | 1923 | 9.639691 | 0.103738 | 1.6165% |
| | | | | 1922 | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 9.486343 | 0.105415 | 1.3736% | 1921 | 9.357800 | 0.106863 | 2.3393% | 1920 |
| 9.143896 | 0.109363 | 1.3140% | 1919 | 9.025302 | 0.110800 | 0.7676% | 1918 |
| 8.956548 | 0.111650 | 0.3870% | 1917 | 8.922021 | 0.112082 | 1.3274% | 1916 |
| 8.805138 | 0.113570 | 1.4083% | 1915 | 8.682858 | 0.115169 | 1.4458% | 1914 |
| 8.559111 | 0.116835 | 1.9424% | 1913 | 8.396028 | 0.119104 | 1.9857% | 1912 |
| 8.232556 | 0.121469 | 1.5634% | 1911 | 8.105829 | 0.123368 | 1.8169% | 1910 |
| 7.961181 | 0.125610 | 1.8781% | 1909 | 7.814421 | 0.127969 | 2.0082% | 1908 |
| 7.660579 | 0.130538 | 1.9603% | 1907 | 7.513299 | 0.133097 | 1.8264% | 1906 |
| 7.378541 | 0.135528 | 1.9357% | 1905 | 7.238428 | 0.138152 | 2.0148% | 1904 |
| 7.095466 | 0.140935 | 2.1335% | 1903 | 6.947245 | 0.143942 | 1.8151% | 1902 |
| 6.823390 | 0.146555 | 1.8943% | 1901 | 6.696535 | 0.149331 | 3.0255% | 1900 |
| 6.499881 | 0.153849 | 0.6278% | 1899 | 6.459326 | 0.154815 | 1.7757% | 1898 |
| 6.346632 | 0.157564 | 1.8078% | 1897 | 6.233938 | 0.160412 | 1.8396% | 1896 |
| 6.121330 | 0.163363 | 1.8755% | 1895 | 6.008636 | 0.166427 | 1.9114% | 1894 |
| 5.895941 | 0.169608 | 1.9486% | 1893 | 5.783247 | 0.172913 | 1.9858% | 1892 |
| 5.670639 | 0.176347 | 2.0276% | 1891 | 5.557945 | 0.179923 | 2.6465% | 1890 |
| 5.414645 | 0.184684 | 1.5328% | 1889 | 5.332902 | 0.187515 | 2.0811% | 1888 |
| 5.224180 | 0.191418 | 2.1599% | 1887 | 5.113731 | 0.195552 | 2.2075% | 1886 |
| 5.003282 | 0.199869 | 2.2592% | 1885 | 4.892746 | 0.204384 | 2.3095% | 1884 |
| 4.782297 | 0.209105 | 2.3641% | 1883 | 4.671848 | 0.214048 | 2.4214% | 1882 |
| 4.561399 | 0.219231 | 2.4815% | 1881 | 4.450950 | 0.224671 | 3.7644% | 1880 |
| 4.289477 | 0.233129 | 0.9432% | 1879 | 4.249396 | 0.235328 | 2.1464% | 1878 |
| 4.160104 | 0.240379 | 2.1913% | 1877 | 4.070898 | 0.245646 | 2.2426% | 1876 |
| 3.981606 | 0.251155 | 2.2941% | 1875 | 3.892314 | 0.256917 | 2.3456% | 1874 |
| 3.803109 | 0.262943 | 2.4043% | 1873 | 3.713817 | 0.269265 | 2.4635% | 1872 |
| 3.624525 | 0.275898 | 2.5258% | 1871 | 3.535233 | 0.282867 | 5.9947% | 1870 |
| 3.335293 | 0.299824 | -1.0968% | 1869 | 3.372280 | 0.296535 | 2.1930% | 1868 |
| 3.299914 | 0.303038 | 2.2394% | 1867 | 3.227634 | 0.309824 | 2.2935% | 1866 |
| 3.155268 | 0.316930 | 2.3445% | 1865 | 3.082988 | 0.324361 | 2.4037% | 1864 |
| 3.010622 | 0.332157 | 2.4599% | 1863 | 2.938342 | 0.340328 | 2.5250% | 1862 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.865976 | 0.348921 | 2.5872% | 1861 | 2.793696 | 0.357949 | 2.9504% | 1860 |
| 2.713633 | 0.368510 | 2.4012% | 1859 | 2.650000 | 0.377358 | 2.7627% | 1858 |
| 2.578756 | 0.387784 | 2.8412% | 1857 | 2.507513 | 0.398802 | 2.9243% | 1856 |
| 2.436269 | 0.410464 | 3.0161% | 1855 | 2.364940 | 0.422844 | 3.1061% | 1854 |
| 2.293696 | 0.435978 | 3.2056% | 1853 | 2.222453 | 0.449953 | 3.3118% | 1852 |
| 2.151209 | 0.464855 | 3.4252% | 1851 | 2.079965 | 0.480777 | 4.0106% | 1850 |
| 1.999763 | 0.500059 | 2.3254% | 1849 | 1.954318 | 0.511688 | 2.7841% | 1848 |
| 1.901382 | 0.525933 | 2.8590% | 1847 | 1.848532 | 0.540970 | 2.9432% | 1846 |
| 1.795682 | 0.556891 | 3.0324% | 1845 | 1.742832 | 0.573779 | 3.1325% | 1844 |
| 1.689896 | 0.591752 | 3.2284% | 1843 | 1.637047 | 0.610856 | 3.3361% | 1842 |
| 1.584197 | 0.631235 | 3.4512% | 1841 | 1.531347 | 0.653020 | 3.8105% | 1840 |
| 1.475137 | 0.677903 | 2.3861% | 1839 | 1.440760 | 0.694078 | 2.5824% | 1838 |
| 1.404491 | 0.712002 | 2.6573% | 1837 | 1.368135 | 0.730922 | 2.7232% | 1836 |
| 1.331865 | 0.750827 | 2.7994% | 1835 | 1.295596 | 0.771846 | 2.8871% | 1834 |
| 1.259240 | 0.794130 | 2.9657% | 1833 | 1.222971 | 0.817681 | 3.0563% | 1832 |
| 1.186701 | 0.842672 | 3.1604% | 1831 | 1.150345 | 0.869304 | 3.4660% | 1830 |
| 1.111810 | 0.899434 | 2.4653% | 1829 | 1.085060 | 0.921608 | 2.6804% | 1828 |
| 1.056736 | 0.946310 | 10.3427% | 1827 | 0.957686 | 1.044184 | -4.2314% | 1826 |
| 1.000000 | 1.000000 | 2.9150% | 1825 | 0.971675 | 1.029150 | 3.0026% | 1824 |
| 0.943351 | 1.060051 | 3.0955% | 1823 | 0.915026 | 1.092865 | 3.1944% | 1822 |
| 0.886701 | 1.127776 | 3.3102% | 1821 | 0.858290 | 1.165107 | 3.2277% | 1820 |
| 0.831453 | 1.202714 | 2.6573% | 1819 | 0.809931 | 1.234673 | 2.6261% | 1818 |
| 0.789206 | 1.267097 | 2.6969% | 1817 | 0.768480 | 1.301270 | 2.7717% | 1816 |
| 0.747755 | 1.337337 | 2.8507% | 1815 | 0.727029 | 1.375460 | 2.9343% | 1814 |
| 0.706304 | 1.415821 | 3.0231% | 1813 | 0.685579 | 1.458622 | 3.1039% | 1812 |
| 0.664940 | 1.503896 | 3.2172% | 1811 | 0.644214 | 1.552279 | 3.0969% | 1810 |
| 0.624863 | 1.600352 | 2.9144% | 1809 | 0.607168 | 1.646992 | 2.8225% | 1808 |
| 0.590501 | 1.693478 | 2.9199% | 1807 | 0.573748 | 1.742926 | 2.9918% | 1806 |
| 0.557081 | 1.795071 | 3.0841% | 1805 | 0.540415 | 1.850431 | 3.1822% | 1804 |
| 0.523748 | 1.909316 | 3.2868% | 1803 | 0.507081 | 1.972071 | 3.3985% | 1802 |

| | | | | | | | |
|----------|------------|----------|------|----------|-----------|----------|------|
| 0.490415 | 2.039091 | 3.5180% | 1801 | 0.473748 | 2.110828 | 3.3999% | 1800 |
| 0.458170 | 2.182595 | 2.8419% | 1799 | 0.445509 | 2.244621 | 2.7485% | 1798 |
| 0.433592 | 2.306313 | 2.8261% | 1797 | 0.421675 | 2.371493 | 3.7832% | 1796 |
| 0.406304 | 2.461211 | 2.1272% | 1795 | 0.397841 | 2.513566 | 3.0879% | 1794 |
| 0.385924 | 2.591184 | 3.1625% | 1793 | 0.374093 | 2.673130 | 3.2904% | 1792 |
| 0.362176 | 2.761087 | 3.4024% | 1791 | 0.350259 | 2.855030 | 3.2296% | 1790 |
| 0.339301 | 2.947235 | 41.3145% | 1780 | 0.240104 | 4.164868 | 29.4353% | 1770 |
| 0.185501 | 5.390810 | 83.4728% | 1750 | 0.101105 | 9.890673 | 29.2845% | 1740 |
| 0.078204 | 12.787102 | 94.2514% | 1720 | 0.040259 | 24.839125 | 85.8111% | 1700 |
| 0.021667 | 46.153846 | 19.2490% | 1690 | 0.018169 | 55.038023 | 88.0250% | 1670 |
| 0.009663 | 103.485255 | | | | | | |

BASE YEAR: 1825

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 26.789046 | 0.037329 | 8.2857% | 2001 | 24.739237 | 0.040422 | 1.0000% |
| 2000 | 24.494292 | 0.040826 | 1.0000% | 1999 | 24.251774 | 0.041234 | 1.0000% |
| 1998 | 24.011657 | 0.041646 | 1.0000% | 1997 | 23.773918 | 0.042063 | 1.0000% |
| 1996 | 23.538533 | 0.042484 | 1.0000% | 1995 | 23.305478 | 0.042908 | 0.9992% |
| 1994 | 23.074909 | 0.043337 | 1.0008% | 1993 | 22.846268 | 0.043771 | 1.0000% |
| 1992 | 22.620068 | 0.044209 | 0.9295% | 1991 | 22.411749 | 0.044619 | 1.2505% |
| 1990 | 22.134948 | 0.045177 | 0.7224% | 1989 | 21.976182 | 0.045504 | 1.1077% |
| 1988 | 21.735425 | 0.046008 | 0.8834% | 1987 | 21.545103 | 0.046414 | 0.5594% |
| 1986 | 21.425258 | 0.046674 | 1.3056% | 1985 | 21.149129 | 0.047283 | 0.7673% |
| 1984 | 20.988091 | 0.047646 | 0.8149% | 1983 | 20.818432 | 0.048034 | 0.9737% |
| 1982 | 20.617668 | 0.048502 | 0.9508% | 1981 | 20.423480 | 0.048963 | 0.9031% |
| 1980 | 20.240693 | 0.049405 | 2.2701% | 1979 | 19.791415 | 0.050527 | 1.0042% |
| 1978 | 19.594650 | 0.051034 | 0.9896% | 1977 | 19.402640 | 0.051539 | 0.9103% |
| 1976 | 19.227604 | 0.052009 | 0.8394% | 1975 | 19.067544 | 0.052445 | 0.9042% |
| 1974 | 18.896685 | 0.052919 | 1.1568% | 1973 | 18.680590 | 0.053531 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 18.506132 | 0.054036 | 0.7426% | 1971 | 18.369712 | 0.054437 | 1.4697% |
| 1970 | 18.103636 | 0.055238 | 0.6968% | 1969 | 17.978359 | 0.055622 | 0.8565% |
| 1968 | 17.825675 | 0.056099 | 1.5090% | 1967 | 17.560678 | 0.056945 | 0.9949% |
| 1966 | 17.387687 | 0.057512 | 1.0575% | 1965 | 17.205741 | 0.058120 | 1.1300% |
| 1964 | 17.013486 | 0.058777 | 1.5537% | 1963 | 16.753199 | 0.059690 | 1.4658% |
| 1962 | 16.511176 | 0.060565 | 1.5364% | 1961 | 16.261331 | 0.061496 | 2.1586% |
| 1960 | 15.917725 | 0.062823 | -1.6655% | 1959 | 16.187322 | 0.061777 | 4.3080% |
| 1958 | 15.518774 | 0.064438 | 2.1130% | 1957 | 15.197654 | 0.065800 | 1.9895% |
| 1956 | 14.901195 | 0.067109 | 2.1231% | 1955 | 14.591406 | 0.068533 | 1.4496% |
| 1954 | 14.382910 | 0.069527 | 2.1573% | 1953 | 14.079186 | 0.071027 | 1.2298% |
| 1952 | 13.908150 | 0.071900 | 1.6814% | 1951 | 13.678168 | 0.073109 | 1.6233% |
| 1950 | 13.459681 | 0.074296 | 1.4265% | 1949 | 13.270374 | 0.075356 | 1.7790% |
| 1948 | 13.038415 | 0.076696 | 1.8242% | 1947 | 12.804835 | 0.078096 | -2.6320% |
| 1946 | 13.150973 | 0.076040 | 3.1768% | 1945 | 12.746056 | 0.078456 | 6.4754% |
| 1944 | 11.970891 | 0.083536 | -0.3437% | 1943 | 12.012174 | 0.083249 | 0.6562% |
| 1942 | 11.933861 | 0.083795 | 0.6633% | 1941 | 11.855226 | 0.084351 | -5.6614% |
| 1940 | 12.566679 | 0.079576 | 8.0381% | 1939 | 11.631710 | 0.085972 | 0.8126% |
| 1938 | 11.537949 | 0.086671 | 0.7762% | 1937 | 11.449076 | 0.087343 | 0.6029% |
| 1936 | 11.380466 | 0.087870 | 0.5244% | 1935 | 11.321098 | 0.088331 | -3.0364% |
| 1934 | 11.675613 | 0.085649 | 4.6271% | 1933 | 11.159261 | 0.089612 | 1.3921% |
| 1932 | 11.006043 | 0.090859 | -0.2051% | 1931 | 11.028662 | 0.090673 | 0.8886% |
| 1930 | 10.931524 | 0.091479 | 1.0126% | 1929 | 10.821943 | 0.092405 | 1.1526% |
| 1928 | 10.698631 | 0.093470 | 1.2160% | 1927 | 10.570099 | 0.094606 | 1.4086% |
| 1926 | 10.423278 | 0.095939 | 1.7667% | 1925 | 10.242328 | 0.097634 | 1.4465% |
| 1924 | 10.096285 | 0.099046 | 1.7700% | 1923 | 9.920692 | 0.100799 | 1.6165% |
| 1922 | 9.762873 | 0.102429 | 1.3736% | 1921 | 9.630583 | 0.103836 | 2.3393% |
| 1920 | 9.410443 | 0.106265 | 1.3140% | 1919 | 9.288393 | 0.107661 | 0.7676% |
| 1918 | 9.217635 | 0.108488 | 0.3870% | 1917 | 9.182101 | 0.108908 | 1.3274% |
| 1916 | 9.061811 | 0.110353 | 1.4083% | 1915 | 8.935967 | 0.111907 | 1.4458% |
| 1914 | 8.808612 | 0.113525 | 1.9424% | 1913 | 8.640775 | 0.115730 | 1.9857% |
| 1912 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 8.472538 | 0.118028 | 1.5634% | 1911 | 8.342117 | 0.119874 | 1.8169% | 1910 |
| 8.193252 | 0.122052 | 1.8781% | 1909 | 8.042215 | 0.124344 | 2.0082% | 1908 |
| 7.883887 | 0.126841 | 1.9603% | 1907 | 7.732314 | 0.129327 | 1.8264% | 1906 |
| 7.593628 | 0.131689 | 1.9357% | 1905 | 7.449431 | 0.134238 | 2.0148% | 1904 |
| 7.302302 | 0.136943 | 2.1335% | 1903 | 7.149760 | 0.139865 | 1.8151% | 1902 |
| 7.022295 | 0.142404 | 1.8943% | 1901 | 6.891741 | 0.145101 | 3.0255% | 1900 |
| 6.689355 | 0.149491 | 0.6278% | 1899 | 6.647618 | 0.150430 | 1.7757% | 1898 |
| 6.531639 | 0.153101 | 1.8078% | 1897 | 6.415659 | 0.155869 | 1.8396% | 1896 |
| 6.299769 | 0.158736 | 1.8755% | 1895 | 6.183790 | 0.161713 | 1.9114% | 1894 |
| 6.067810 | 0.164804 | 1.9486% | 1893 | 5.951831 | 0.168016 | 1.9858% | 1892 |
| 5.835940 | 0.171352 | 2.0276% | 1891 | 5.719961 | 0.174826 | 2.6465% | 1890 |
| 5.572484 | 0.179453 | 1.5328% | 1889 | 5.488358 | 0.182204 | 2.0811% | 1888 |
| 5.376466 | 0.185996 | 2.1599% | 1887 | 5.262798 | 0.190013 | 2.2075% | 1886 |
| 5.149129 | 0.194208 | 2.2592% | 1885 | 5.035371 | 0.198595 | 2.3095% | 1884 |
| 4.921703 | 0.203182 | 2.3641% | 1883 | 4.808034 | 0.207985 | 2.4214% | 1882 |
| 4.694365 | 0.213021 | 2.4815% | 1881 | 4.580697 | 0.218307 | 3.7644% | 1880 |
| 4.414517 | 0.226525 | 0.9432% | 1879 | 4.373267 | 0.228662 | 2.1464% | 1878 |
| 4.281372 | 0.233570 | 2.1913% | 1877 | 4.189566 | 0.238688 | 2.2426% | 1876 |
| 4.097672 | 0.244041 | 2.2941% | 1875 | 4.005777 | 0.249639 | 2.3456% | 1874 |
| 3.913971 | 0.255495 | 2.4043% | 1873 | 3.822076 | 0.261638 | 2.4635% | 1872 |
| 3.730181 | 0.268083 | 2.5258% | 1871 | 3.638287 | 0.274855 | 5.9947% | 1870 |
| 3.432518 | 0.291331 | -1.0968% | 1869 | 3.470583 | 0.288136 | 2.1930% | 1868 |
| 3.396107 | 0.294455 | 2.2394% | 1867 | 3.321721 | 0.301049 | 2.2935% | 1866 |
| 3.247245 | 0.307953 | 2.3445% | 1865 | 3.172858 | 0.315173 | 2.4037% | 1864 |
| 3.098383 | 0.322749 | 2.4599% | 1863 | 3.023996 | 0.330688 | 2.5250% | 1862 |
| 2.949520 | 0.339038 | 2.5872% | 1861 | 2.875133 | 0.347810 | 2.9504% | 1860 |
| 2.792736 | 0.358072 | 2.4012% | 1859 | 2.727248 | 0.366670 | 2.7627% | 1858 |
| 2.653928 | 0.376800 | 2.8412% | 1857 | 2.580608 | 0.387506 | 2.9243% | 1856 |
| 2.507288 | 0.398837 | 3.0161% | 1855 | 2.433878 | 0.410867 | 3.1061% | 1854 |
| 2.360558 | 0.423629 | 3.2056% | 1853 | 2.287238 | 0.437209 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.213918 | 0.451688 | 3.4252% | 1851 | 2.140597 | 0.467159 | 4.0106% | 1850 |
| 2.058057 | 0.485895 | 2.3254% | 1849 | 2.011287 | 0.497194 | 2.7841% | 1848 |
| 1.956808 | 0.511036 | 2.8590% | 1847 | 1.902417 | 0.525647 | 2.9432% | 1846 |
| 1.848027 | 0.541118 | 3.0324% | 1845 | 1.793637 | 0.557527 | 3.1325% | 1844 |
| 1.739157 | 0.574991 | 3.2284% | 1843 | 1.684767 | 0.593554 | 3.3361% | 1842 |
| 1.630377 | 0.613355 | 3.4512% | 1841 | 1.575986 | 0.634523 | 3.8105% | 1840 |
| 1.518138 | 0.658702 | 2.3861% | 1839 | 1.482759 | 0.674419 | 2.5824% | 1838 |
| 1.445432 | 0.691835 | 2.6573% | 1837 | 1.408016 | 0.710219 | 2.7232% | 1836 |
| 1.370690 | 0.729560 | 2.7994% | 1835 | 1.333363 | 0.749983 | 2.8871% | 1834 |
| 1.295947 | 0.771636 | 2.9657% | 1833 | 1.258621 | 0.794521 | 3.0563% | 1832 |
| 1.221294 | 0.818804 | 3.1604% | 1831 | 1.183878 | 0.844681 | 3.4660% | 1830 |
| 1.144220 | 0.873958 | 2.4653% | 1829 | 1.116690 | 0.895503 | 2.6804% | 1828 |
| 1.087540 | 0.919506 | 10.3427% | 1827 | 0.985603 | 1.014608 | -4.2314% | 1826 |
| 1.029150 | 0.971675 | 2.9150% | 1825 | 1.000000 | 1.000000 | 3.0026% | 1824 |
| 0.970850 | 1.030026 | 3.0955% | 1823 | 0.941699 | 1.061910 | 3.1944% | 1822 |
| 0.912549 | 1.095832 | 3.3102% | 1821 | 0.883310 | 1.132106 | 3.2277% | 1820 |
| 0.855690 | 1.168647 | 2.6573% | 1819 | 0.833541 | 1.199701 | 2.6261% | 1818 |
| 0.812211 | 1.231207 | 2.6969% | 1817 | 0.790882 | 1.264412 | 2.7717% | 1816 |
| 0.769552 | 1.299457 | 2.8507% | 1815 | 0.748223 | 1.336501 | 2.9343% | 1814 |
| 0.726893 | 1.375718 | 3.0231% | 1813 | 0.705563 | 1.417307 | 3.1039% | 1812 |
| 0.684323 | 1.461299 | 3.2172% | 1811 | 0.662993 | 1.508311 | 3.0969% | 1810 |
| 0.643078 | 1.555022 | 2.9144% | 1809 | 0.624867 | 1.600341 | 2.8225% | 1808 |
| 0.607714 | 1.645510 | 2.9199% | 1807 | 0.590473 | 1.693558 | 2.9918% | 1806 |
| 0.573320 | 1.744226 | 3.0841% | 1805 | 0.556168 | 1.798019 | 3.1822% | 1804 |
| 0.539015 | 1.855235 | 3.2868% | 1803 | 0.521863 | 1.916213 | 3.3985% | 1802 |
| 0.504710 | 1.981335 | 3.5180% | 1801 | 0.487558 | 2.051039 | 3.3999% | 1800 |
| 0.471526 | 2.120773 | 2.8419% | 1799 | 0.458496 | 2.181043 | 2.7485% | 1798 |
| 0.446232 | 2.240988 | 2.8261% | 1797 | 0.433967 | 2.304321 | 3.7832% | 1796 |
| 0.418148 | 2.391498 | 2.1272% | 1795 | 0.409438 | 2.442370 | 3.0879% | 1794 |
| 0.397174 | 2.517789 | 3.1625% | 1793 | 0.384998 | 2.597415 | 3.2904% | 1792 |

0.372734 2.682880 3.4024% 1791 0.360469 2.774162 3.2296% 1790
0.349192 2.863755 41.3145% 1780 0.247103 4.046900 29.4353% 1770
0.190908 5.238117 83.4728% 1750 0.104053 9.610523 29.2845% 1740
0.080483 12.424912 94.2514% 1720 0.041433 24.135564 85.8111% 1700
0.022298 44.846552 19.2490% 1690 0.018699 53.479087 88.0250% 1670
0.009945 100.554066

BASE YEAR: 1824

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 27.593404 | 0.036241 | 8.2857% | 2001 | 25.482049 | 0.039243 | 1.0000% |
| 2000 | 25.229748 | 0.039636 | 1.0000% | 1999 | 24.979949 | 0.040032 | 1.0000% |
| 1998 | 24.732623 | 0.040432 | 1.0000% | 1997 | 24.487745 | 0.040837 | 1.0000% |
| 1996 | 24.245292 | 0.041245 | 1.0000% | 1995 | 24.005240 | 0.041658 | 0.9992% |
| 1994 | 23.767747 | 0.042074 | 1.0008% | 1993 | 23.532242 | 0.042495 | 1.0000% |
| 1992 | 23.299249 | 0.042920 | 0.9295% | 1991 | 23.084676 | 0.043319 | 1.2505% |
| 1990 | 22.799564 | 0.043860 | 0.7224% | 1989 | 22.636031 | 0.044177 | 1.1077% |
| 1988 | 22.388045 | 0.044667 | 0.8834% | 1987 | 22.192008 | 0.045061 | 0.5594% |
| 1986 | 22.068565 | 0.045313 | 1.3056% | 1985 | 21.784145 | 0.045905 | 0.7673% |
| 1984 | 21.618272 | 0.046257 | 0.8149% | 1983 | 21.443519 | 0.046634 | 0.9737% |
| 1982 | 21.236726 | 0.047088 | 0.9508% | 1981 | 21.036708 | 0.047536 | 0.9031% |
| 1980 | 20.848433 | 0.047965 | 2.2701% | 1979 | 20.385665 | 0.049054 | 1.0042% |
| 1978 | 20.182992 | 0.049547 | 0.9896% | 1977 | 19.985216 | 0.050037 | 0.9103% |
| 1976 | 19.804925 | 0.050492 | 0.8394% | 1975 | 19.640059 | 0.050916 | 0.9042% |
| 1974 | 19.464070 | 0.051377 | 1.1568% | 1973 | 19.241487 | 0.051971 | 0.9427% |
| 1972 | 19.061791 | 0.052461 | 0.7426% | 1971 | 18.921274 | 0.052851 | 1.4697% |
| 1970 | 18.647209 | 0.053627 | 0.6968% | 1969 | 18.518171 | 0.054001 | 0.8565% |
| 1968 | 18.360903 | 0.054464 | 1.5090% | 1967 | 18.087949 | 0.055285 | 0.9949% |
| 1966 | 17.909763 | 0.055835 | 1.0575% | 1965 | 17.722354 | 0.056426 | 1.1300% |
| 1964 | 17.524327 | 0.057064 | 1.5537% | 1963 | 17.256225 | 0.057950 | 1.4658% |
| 1962 | 17.006934 | 0.058800 | 1.5364% | 1961 | 16.749588 | 0.059703 | 2.1586% |
| 1960 | 16.395665 | 0.060992 | -1.6655% | 1959 | 16.673357 | 0.059976 | 4.3080% |
| 1958 | 15.984735 | 0.062560 | 2.1130% | 1957 | 15.653973 | 0.063882 | 1.9895% |
| 1956 | 15.348613 | 0.065152 | 2.1231% | 1955 | 15.029522 | 0.066536 | 1.4496% |
| 1954 | 14.814766 | 0.067500 | 2.1573% | 1953 | 14.501922 | 0.068956 | 1.2298% |
| 1952 | 14.325751 | 0.069804 | 1.6814% | 1951 | 14.088864 | 0.070978 | 1.6233% |
| 1950 | 13.863816 | 0.072130 | 1.4265% | 1949 | 13.668826 | 0.073159 | 1.7790% |
| 1948 | 13.429902 | 0.074461 | 1.8242% | 1947 | 13.189308 | 0.075819 | -2.6320% |
| 1946 | 13.545839 | 0.073823 | 3.1768% | 1945 | 13.128765 | 0.076169 | 6.4754% |
| 1944 | 12.330325 | 0.081101 | -0.3437% | 1943 | 12.372847 | 0.080822 | 0.6562% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 12.292183 | 0.081353 | 0.6633% | 1941 | 12.211186 | 0.081892 | -5.6614% |
| 1940 | 12.944002 | 0.077256 | 8.0381% | 1939 | 11.980959 | 0.083466 | 0.8126% |
| 1938 | 11.884383 | 0.084144 | 0.7762% | 1937 | 11.792841 | 0.084797 | 0.6029% |
| 1936 | 11.722171 | 0.085308 | 0.5244% | 1935 | 11.661022 | 0.085756 | -3.0364% |
| 1934 | 12.026181 | 0.083152 | 4.6271% | 1933 | 11.494324 | 0.086999 | 1.3921% |
| 1932 | 11.336507 | 0.088211 | -0.2051% | 1931 | 11.359804 | 0.088030 | 0.8886% |
| 1930 | 11.259750 | 0.088812 | 1.0126% | 1929 | 11.146878 | 0.089711 | 1.1526% |
| 1928 | 11.019865 | 0.090745 | 1.2160% | 1927 | 10.887473 | 0.091849 | 1.4086% |
| 1926 | 10.736244 | 0.093142 | 1.7667% | 1925 | 10.549861 | 0.094788 | 1.4465% |
| 1924 | 10.399433 | 0.096159 | 1.7700% | 1923 | 10.218567 | 0.097861 | 1.6165% |
| 1922 | 10.056010 | 0.099443 | 1.3736% | 1921 | 9.919747 | 0.100809 | 2.3393% |
| 1920 | 9.692998 | 0.103167 | 1.3140% | 1919 | 9.567283 | 0.104523 | 0.7676% |
| 1918 | 9.494400 | 0.105325 | 0.3870% | 1917 | 9.457799 | 0.105733 | 1.3274% |
| 1916 | 9.333898 | 0.107136 | 1.4083% | 1915 | 9.204275 | 0.108645 | 1.4458% |
| 1914 | 9.073096 | 0.110216 | 1.9424% | 1913 | 8.900220 | 0.112357 | 1.9857% |
| 1912 | 8.726932 | 0.114588 | 1.5634% | 1911 | 8.592594 | 0.116379 | 1.8169% |
| 1910 | 8.439260 | 0.118494 | 1.8781% | 1909 | 8.283687 | 0.120719 | 2.0082% |
| 1908 | 8.120606 | 0.123144 | 1.9603% | 1907 | 7.964482 | 0.125557 | 1.8264% |
| 1906 | 7.821631 | 0.127851 | 1.9357% | 1905 | 7.673105 | 0.130325 | 2.0148% |
| 1904 | 7.521558 | 0.132951 | 2.1335% | 1903 | 7.364436 | 0.135788 | 1.8151% |
| 1902 | 7.233143 | 0.138252 | 1.8943% | 1901 | 7.098670 | 0.140871 | 3.0255% |
| 1900 | 6.890207 | 0.145134 | 0.6278% | 1899 | 6.847217 | 0.146045 | 1.7757% |
| 1898 | 6.727755 | 0.148638 | 1.8078% | 1897 | 6.608294 | 0.151325 | 1.8396% |
| 1896 | 6.488923 | 0.154109 | 1.8755% | 1895 | 6.369462 | 0.156999 | 1.9114% |
| 1894 | 6.250000 | 0.160000 | 1.9486% | 1893 | 6.130538 | 0.163118 | 1.9858% |
| 1892 | 6.011168 | 0.166357 | 2.0276% | 1891 | 5.891706 | 0.169730 | 2.6465% |
| 1890 | 5.739802 | 0.174222 | 1.5328% | 1889 | 5.653149 | 0.176893 | 2.0811% |
| 1888 | 5.537898 | 0.180574 | 2.1599% | 1887 | 5.420817 | 0.184474 | 2.2075% |
| 1886 | 5.303735 | 0.188546 | 2.2592% | 1885 | 5.186562 | 0.192806 | 2.3095% |
| 1884 | 5.069480 | 0.197259 | 2.3641% | 1883 | 4.952398 | 0.201922 | 2.4214% |
| 1882 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.835317 | 0.206812 | 2.4815% | 1881 | 4.718235 | 0.211944 | 3.7644% | 1880 |
| 4.547066 | 0.219922 | 0.9432% | 1879 | 4.504577 | 0.221996 | 2.1464% | 1878 |
| 4.409923 | 0.226761 | 2.1913% | 1877 | 4.315361 | 0.231730 | 2.2426% | 1876 |
| 4.220707 | 0.236927 | 2.2941% | 1875 | 4.126053 | 0.242362 | 2.3456% | 1874 |
| 4.031490 | 0.248047 | 2.4043% | 1873 | 3.936836 | 0.254011 | 2.4635% | 1872 |
| 3.842182 | 0.260269 | 2.5258% | 1871 | 3.747528 | 0.266843 | 5.9947% | 1870 |
| 3.535582 | 0.282839 | -1.0968% | 1869 | 3.574789 | 0.279737 | 2.1930% | 1868 |
| 3.498078 | 0.285871 | 2.2394% | 1867 | 3.421457 | 0.292273 | 2.2935% | 1866 |
| 3.344746 | 0.298976 | 2.3445% | 1865 | 3.268125 | 0.305986 | 2.4037% | 1864 |
| 3.191413 | 0.313341 | 2.4599% | 1863 | 3.114793 | 0.321049 | 2.5250% | 1862 |
| 3.038081 | 0.329155 | 2.5872% | 1861 | 2.961461 | 0.337671 | 2.9504% | 1860 |
| 2.876590 | 0.347634 | 2.4012% | 1859 | 2.809136 | 0.355981 | 2.7627% | 1858 |
| 2.733614 | 0.365816 | 2.8412% | 1857 | 2.658092 | 0.376210 | 2.9243% | 1856 |
| 2.582570 | 0.387211 | 3.0161% | 1855 | 2.506957 | 0.398890 | 3.1061% | 1854 |
| 2.431435 | 0.411280 | 3.2056% | 1853 | 2.355914 | 0.424464 | 3.3118% | 1852 |
| 2.280392 | 0.438521 | 3.4252% | 1851 | 2.204870 | 0.453541 | 4.0106% | 1850 |
| 2.119851 | 0.471731 | 2.3254% | 1849 | 2.071677 | 0.482701 | 2.7841% | 1848 |
| 2.015562 | 0.496140 | 2.8590% | 1847 | 1.959539 | 0.510324 | 2.9432% | 1846 |
| 1.903515 | 0.525344 | 3.0324% | 1845 | 1.847492 | 0.541274 | 3.1325% | 1844 |
| 1.791377 | 0.558230 | 3.2284% | 1843 | 1.735353 | 0.576252 | 3.3361% | 1842 |
| 1.679330 | 0.595476 | 3.4512% | 1841 | 1.623306 | 0.616027 | 3.8105% | 1840 |
| 1.563721 | 0.639500 | 2.3861% | 1839 | 1.527279 | 0.654759 | 2.5824% | 1838 |
| 1.488832 | 0.671667 | 2.6573% | 1837 | 1.450293 | 0.689516 | 2.7232% | 1836 |
| 1.411845 | 0.708293 | 2.7994% | 1835 | 1.373398 | 0.728121 | 2.8871% | 1834 |
| 1.334859 | 0.749143 | 2.9657% | 1833 | 1.296412 | 0.771360 | 3.0563% | 1832 |
| 1.257964 | 0.794935 | 3.1604% | 1831 | 1.219425 | 0.820059 | 3.4660% | 1830 |
| 1.178576 | 0.848482 | 2.4653% | 1829 | 1.150220 | 0.869399 | 2.6804% | 1828 |
| 1.120194 | 0.892702 | 10.3427% | 1827 | 1.015196 | 0.985032 | -4.2314% | 1826 |
| 1.060051 | 0.943351 | 2.9150% | 1825 | 1.030026 | 0.970850 | 3.0026% | 1824 |
| 1.000000 | 1.000000 | 3.0955% | 1823 | 0.969974 | 1.030955 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.939949 | 1.063888 | 3.3102% | 1821 | 0.909832 | 1.099105 | 3.2277% | 1820 |
| 0.881383 | 1.134581 | 2.6573% | 1819 | 0.858568 | 1.164730 | 2.6261% | 1818 |
| 0.836598 | 1.195317 | 2.6969% | 1817 | 0.814628 | 1.227554 | 2.7717% | 1816 |
| 0.792658 | 1.261578 | 2.8507% | 1815 | 0.770688 | 1.297541 | 2.9343% | 1814 |
| 0.748718 | 1.335616 | 3.0231% | 1813 | 0.726748 | 1.375992 | 3.1039% | 1812 |
| 0.704870 | 1.418701 | 3.2172% | 1811 | 0.682900 | 1.464343 | 3.0969% | 1810 |
| 0.662386 | 1.509693 | 2.9144% | 1809 | 0.643629 | 1.553691 | 2.8225% | 1808 |
| 0.625961 | 1.597543 | 2.9199% | 1807 | 0.608202 | 1.644190 | 2.9918% | 1806 |
| 0.590535 | 1.693381 | 3.0841% | 1805 | 0.572867 | 1.745606 | 3.1822% | 1804 |
| 0.555200 | 1.801154 | 3.2868% | 1803 | 0.537532 | 1.860354 | 3.3985% | 1802 |
| 0.519865 | 1.923578 | 3.5180% | 1801 | 0.502197 | 1.991250 | 3.3999% | 1800 |
| 0.485684 | 2.058952 | 2.8419% | 1799 | 0.472263 | 2.117465 | 2.7485% | 1798 |
| 0.459630 | 2.175662 | 2.8261% | 1797 | 0.446997 | 2.237149 | 3.7832% | 1796 |
| 0.430703 | 2.321785 | 2.1272% | 1795 | 0.421732 | 2.371174 | 3.0879% | 1794 |
| 0.409099 | 2.444395 | 3.1625% | 1793 | 0.396558 | 2.521699 | 3.2904% | 1792 |
| 0.383925 | 2.604673 | 3.4024% | 1791 | 0.371293 | 2.693294 | 3.2296% | 1790 |
| 0.359677 | 2.780276 | 41.3145% | 1780 | 0.254522 | 3.928931 | 29.4353% | 1770 |
| 0.196640 | 5.085424 | 83.4728% | 1750 | 0.107177 | 9.330372 | 29.2845% | 1740 |
| 0.082900 | 12.062721 | 94.2514% | 1720 | 0.042677 | 23.432003 | 85.8111% | 1700 |
| 0.022968 | 43.539259 | 19.2490% | 1690 | 0.019260 | 51.920152 | 88.0250% | 1670 |
| 0.010244 | 97.622878 | | | | | | |

BASE YEAR: 1823

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 28.447560 | 0.035152 | 8.2857% | 2001 | 26.270847 | 0.038065 | 1.0000% |
| 2000 | 26.010737 | 0.038446 | 1.0000% | 1999 | 25.753205 | 0.038830 | 1.0000% |
| 1998 | 25.498223 | 0.039218 | 1.0000% | 1997 | 25.245765 | 0.039611 | 1.0000% |
| 1996 | 24.995807 | 0.040007 | 1.0000% | 1995 | 24.748324 | 0.040407 | 0.9992% |
| 1994 | 24.503480 | 0.040811 | 1.0008% | 1993 | 24.260684 | 0.041219 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 24.020479 | 0.041631 | 0.9295% | 1991 | 23.799264 | 0.042018 | 1.2505% |
| 1990 | 23.505326 | 0.042544 | 0.7224% | 1989 | 23.336731 | 0.042851 | 1.1077% |
| 1988 | 23.081068 | 0.043326 | 0.8834% | 1987 | 22.878964 | 0.043708 | 0.5594% |
| 1986 | 22.751699 | 0.043953 | 1.3056% | 1985 | 22.458475 | 0.044527 | 0.7673% |
| 1984 | 22.287467 | 0.044868 | 0.8149% | 1983 | 22.107305 | 0.045234 | 0.9737% |
| 1982 | 21.894111 | 0.045674 | 0.9508% | 1981 | 21.687901 | 0.046109 | 0.9031% |
| 1980 | 21.493798 | 0.046525 | 2.2701% | 1979 | 21.016704 | 0.047581 | 1.0042% |
| 1978 | 20.807758 | 0.048059 | 0.9896% | 1977 | 20.603860 | 0.048535 | 0.9103% |
| 1976 | 20.417988 | 0.048976 | 0.8394% | 1975 | 20.248018 | 0.049388 | 0.9042% |
| 1974 | 20.066582 | 0.049834 | 1.1568% | 1973 | 19.837108 | 0.050411 | 0.9427% |
| 1972 | 19.651850 | 0.050886 | 0.7426% | 1971 | 19.506984 | 0.051264 | 1.4697% |
| 1970 | 19.224435 | 0.052017 | 0.6968% | 1969 | 19.091402 | 0.052380 | 0.8565% |
| 1968 | 18.929266 | 0.052828 | 1.5090% | 1967 | 18.647862 | 0.053625 | 0.9949% |
| 1966 | 18.464161 | 0.054159 | 1.0575% | 1965 | 18.270951 | 0.054732 | 1.1300% |
| 1964 | 18.066794 | 0.055350 | 1.5537% | 1963 | 17.790393 | 0.056210 | 1.4658% |
| 1962 | 17.533385 | 0.057034 | 1.5364% | 1961 | 17.268073 | 0.057910 | 2.1586% |
| 1960 | 16.903194 | 0.059160 | -1.6655% | 1959 | 17.189482 | 0.058175 | 4.3080% |
| 1958 | 16.479544 | 0.060681 | 2.1130% | 1957 | 16.138543 | 0.061963 | 1.9895% |
| 1956 | 15.823731 | 0.063196 | 2.1231% | 1955 | 15.494762 | 0.064538 | 1.4496% |
| 1954 | 15.273358 | 0.065473 | 2.1573% | 1953 | 14.950831 | 0.066886 | 1.2298% |
| 1952 | 14.769205 | 0.067708 | 1.6814% | 1951 | 14.524986 | 0.068847 | 1.6233% |
| 1950 | 14.292972 | 0.069964 | 1.4265% | 1949 | 14.091945 | 0.070963 | 1.7790% |
| 1948 | 13.845626 | 0.072225 | 1.8242% | 1947 | 13.597584 | 0.073542 | -2.6320% |
| 1946 | 13.965152 | 0.071607 | 3.1768% | 1945 | 13.535167 | 0.073882 | 6.4754% |
| 1944 | 12.712011 | 0.078666 | -0.3437% | 1943 | 12.755850 | 0.078395 | 0.6562% |
| 1942 | 12.672689 | 0.078910 | 0.6633% | 1941 | 12.589185 | 0.079433 | -5.6614% |
| 1940 | 13.344684 | 0.074936 | 8.0381% | 1939 | 12.351831 | 0.080960 | 0.8126% |
| 1938 | 12.252265 | 0.081618 | 0.7762% | 1937 | 12.157890 | 0.082251 | 0.6029% |
| 1936 | 12.085032 | 0.082747 | 0.5244% | 1935 | 12.021989 | 0.083181 | -3.0364% |
| 1934 | 12.398452 | 0.080655 | 4.6271% | 1933 | 11.850132 | 0.084387 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 11.687429 | 0.085562 | -0.2051% | 1931 | 11.711448 | 0.085387 | 0.8886% |
| 1930 | 11.608297 | 0.086145 | 1.0126% | 1929 | 11.491931 | 0.087018 | 1.1526% |
| 1928 | 11.360985 | 0.088021 | 1.2160% | 1927 | 11.224495 | 0.089091 | 1.4086% |
| 1926 | 11.068585 | 0.090346 | 1.7667% | 1925 | 10.876433 | 0.091942 | 1.4465% |
| 1924 | 10.721348 | 0.093272 | 1.7700% | 1923 | 10.534883 | 0.094923 | 1.6165% |
| 1922 | 10.367294 | 0.096457 | 1.3736% | 1921 | 10.226814 | 0.097782 | 2.3393% |
| 1920 | 9.993045 | 0.100070 | 1.3140% | 1919 | 9.863439 | 0.101385 | 0.7676% |
| 1918 | 9.788300 | 0.102163 | 0.3870% | 1917 | 9.750566 | 0.102558 | 1.3274% |
| 1916 | 9.622829 | 0.103920 | 1.4083% | 1915 | 9.489194 | 0.105383 | 1.4458% |
| 1914 | 9.353954 | 0.106907 | 1.9424% | 1913 | 9.175727 | 0.108983 | 1.9857% |
| 1912 | 8.997074 | 0.111147 | 1.5634% | 1911 | 8.858579 | 0.112885 | 1.8169% |
| 1910 | 8.700498 | 0.114936 | 1.8781% | 1909 | 8.540109 | 0.117095 | 2.0082% |
| 1908 | 8.371980 | 0.119446 | 1.9603% | 1907 | 8.211023 | 0.121788 | 1.8264% |
| 1906 | 8.063750 | 0.124012 | 1.9357% | 1905 | 7.910627 | 0.126412 | 2.0148% |
| 1904 | 7.754388 | 0.128959 | 2.1335% | 1903 | 7.592403 | 0.131711 | 1.8151% |
| 1902 | 7.457046 | 0.134101 | 1.8943% | 1901 | 7.318410 | 0.136642 | 3.0255% |
| 1900 | 7.103494 | 0.140776 | 0.6278% | 1899 | 7.059173 | 0.141660 | 1.7757% |
| 1898 | 6.936014 | 0.144175 | 1.8078% | 1897 | 6.812854 | 0.146781 | 1.8396% |
| 1896 | 6.689789 | 0.149482 | 1.8755% | 1895 | 6.566629 | 0.152285 | 1.9114% |
| 1894 | 6.443469 | 0.155196 | 1.9486% | 1893 | 6.320310 | 0.158220 | 1.9858% |
| 1892 | 6.197244 | 0.161362 | 2.0276% | 1891 | 6.074085 | 0.164634 | 2.6465% |
| 1890 | 5.917478 | 0.168991 | 1.5328% | 1889 | 5.828143 | 0.171581 | 2.0811% |
| 1888 | 5.709324 | 0.175152 | 2.1599% | 1887 | 5.588618 | 0.178935 | 2.2075% |
| 1886 | 5.467912 | 0.182885 | 2.2592% | 1885 | 5.347112 | 0.187017 | 2.3095% |
| 1884 | 5.226406 | 0.191336 | 2.3641% | 1883 | 5.105700 | 0.195860 | 2.4214% |
| 1882 | 4.984994 | 0.200602 | 2.4815% | 1881 | 4.864288 | 0.205580 | 3.7644% |
| 1880 | 4.687820 | 0.213319 | 0.9432% | 1879 | 4.644017 | 0.215331 | 2.1464% |
| 1878 | 4.546433 | 0.219953 | 2.1913% | 1877 | 4.448943 | 0.224772 | 2.2426% |
| 1876 | 4.351359 | 0.229813 | 2.2941% | 1875 | 4.253775 | 0.235085 | 2.3456% |
| 1874 | 4.156285 | 0.240599 | 2.4043% | 1873 | 4.058701 | 0.246384 | 2.4635% |
| 1872 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.961117 | 0.252454 | 2.5258% | 1871 | 3.863533 | 0.258830 | 5.9947% | 1870 |
| 3.645026 | 0.274346 | -1.0968% | 1869 | 3.685447 | 0.271337 | 2.1930% | 1868 |
| 3.606361 | 0.277288 | 2.2394% | 1867 | 3.527369 | 0.283497 | 2.2935% | 1866 |
| 3.448282 | 0.289999 | 2.3445% | 1865 | 3.369290 | 0.296798 | 2.4037% | 1864 |
| 3.290204 | 0.303933 | 2.4599% | 1863 | 3.211212 | 0.311409 | 2.5250% | 1862 |
| 3.132125 | 0.319272 | 2.5872% | 1861 | 3.053133 | 0.327532 | 2.9504% | 1860 |
| 2.965635 | 0.337196 | 2.4012% | 1859 | 2.896093 | 0.345293 | 2.7627% | 1858 |
| 2.818233 | 0.354832 | 2.8412% | 1857 | 2.740374 | 0.364914 | 2.9243% | 1856 |
| 2.662514 | 0.375585 | 3.0161% | 1855 | 2.584560 | 0.386913 | 3.1061% | 1854 |
| 2.506701 | 0.398931 | 3.2056% | 1853 | 2.428841 | 0.411719 | 3.3118% | 1852 |
| 2.350982 | 0.425354 | 3.4252% | 1851 | 2.273122 | 0.439924 | 4.0106% | 1850 |
| 2.185471 | 0.457567 | 2.3254% | 1849 | 2.135806 | 0.468207 | 2.7841% | 1848 |
| 2.077954 | 0.481243 | 2.8590% | 1847 | 2.020196 | 0.495001 | 2.9432% | 1846 |
| 1.962439 | 0.509570 | 3.0324% | 1845 | 1.904681 | 0.525022 | 3.1325% | 1844 |
| 1.846829 | 0.541469 | 3.2284% | 1843 | 1.789071 | 0.558949 | 3.3361% | 1842 |
| 1.731314 | 0.577596 | 3.4512% | 1841 | 1.673556 | 0.597530 | 3.8105% | 1840 |
| 1.612126 | 0.620299 | 2.3861% | 1839 | 1.574556 | 0.635099 | 2.5824% | 1838 |
| 1.534919 | 0.651500 | 2.6573% | 1837 | 1.495187 | 0.668813 | 2.7232% | 1836 |
| 1.455549 | 0.687026 | 2.7994% | 1835 | 1.415912 | 0.706259 | 2.8871% | 1834 |
| 1.376180 | 0.726649 | 2.9657% | 1833 | 1.336542 | 0.748199 | 3.0563% | 1832 |
| 1.296904 | 0.771067 | 3.1604% | 1831 | 1.257173 | 0.795436 | 3.4660% | 1830 |
| 1.215059 | 0.823005 | 2.4653% | 1829 | 1.185825 | 0.843295 | 2.6804% | 1828 |
| 1.154870 | 0.865899 | 10.3427% | 1827 | 1.046621 | 0.955455 | -4.2314% | 1826 |
| 1.092865 | 0.915026 | 2.9150% | 1825 | 1.061910 | 0.941699 | 3.0026% | 1824 |
| 1.030955 | 0.969974 | 3.0955% | 1823 | 1.000000 | 1.000000 | 3.1944% | 1822 |
| 0.969045 | 1.031944 | 3.3102% | 1821 | 0.937995 | 1.066103 | 3.2277% | 1820 |
| 0.908666 | 1.100514 | 2.6573% | 1819 | 0.885145 | 1.129758 | 2.6261% | 1818 |
| 0.862495 | 1.159427 | 2.6969% | 1817 | 0.839845 | 1.190696 | 2.7717% | 1816 |
| 0.817195 | 1.223698 | 2.8507% | 1815 | 0.794545 | 1.258582 | 2.9343% | 1814 |
| 0.771895 | 1.295513 | 3.0231% | 1813 | 0.749245 | 1.334677 | 3.1039% | 1812 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.726689 | 1.376104 | 3.2172% | 1811 | 0.704039 | 1.420375 | 3.0969% | 1810 |
| 0.682891 | 1.464363 | 2.9144% | 1809 | 0.663552 | 1.507040 | 2.8225% | 1808 |
| 0.645338 | 1.549576 | 2.9199% | 1807 | 0.627029 | 1.594822 | 2.9918% | 1806 |
| 0.608815 | 1.642536 | 3.0841% | 1805 | 0.590600 | 1.693193 | 3.1822% | 1804 |
| 0.572386 | 1.747073 | 3.2868% | 1803 | 0.554171 | 1.804496 | 3.3985% | 1802 |
| 0.535957 | 1.865821 | 3.5180% | 1801 | 0.517743 | 1.931462 | 3.3999% | 1800 |
| 0.500718 | 1.997131 | 2.8419% | 1799 | 0.486882 | 2.053886 | 2.7485% | 1798 |
| 0.473858 | 2.110337 | 2.8261% | 1797 | 0.460834 | 2.169977 | 3.7832% | 1796 |
| 0.444035 | 2.252072 | 2.1272% | 1795 | 0.434787 | 2.299978 | 3.0879% | 1794 |
| 0.421763 | 2.371000 | 3.1625% | 1793 | 0.408834 | 2.445983 | 3.2904% | 1792 |
| 0.395810 | 2.526466 | 3.4024% | 1791 | 0.382786 | 2.612426 | 3.2296% | 1790 |
| 0.370810 | 2.696796 | 41.3145% | 1780 | 0.262401 | 3.810962 | 29.4353% | 1770 |
| 0.202727 | 4.932731 | 83.4728% | 1750 | 0.110495 | 9.050222 | 29.2845% | 1740 |
| 0.085466 | 11.700530 | 94.2514% | 1720 | 0.043998 | 22.728443 | 85.8111% | 1700 |
| 0.023679 | 42.231965 | 19.2490% | 1690 | 0.019857 | 50.361217 | 88.0250% | 1670 |
| 0.010561 | 94.691689 | | | | | | |

BASE YEAR: 1822

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 29.356286 | 0.034064 | 8.2857% | 2001 | 27.110041 | 0.036887 | 1.0000% |
| 2000 | 26.841622 | 0.037256 | 1.0000% | 1999 | 26.575863 | 0.037628 | 1.0000% |
| 1998 | 26.312736 | 0.038004 | 1.0000% | 1997 | 26.052214 | 0.038384 | 1.0000% |
| 1996 | 25.794271 | 0.038768 | 1.0000% | 1995 | 25.538882 | 0.039156 | 0.9992% |
| 1994 | 25.286217 | 0.039547 | 1.0008% | 1993 | 25.035665 | 0.039943 | 1.0000% |
| 1992 | 24.787787 | 0.040342 | 0.9295% | 1991 | 24.559505 | 0.040717 | 1.2505% |
| 1990 | 24.256178 | 0.041227 | 0.7224% | 1989 | 24.082197 | 0.041524 | 1.1077% |
| 1988 | 23.818368 | 0.041984 | 0.8834% | 1987 | 23.609807 | 0.042355 | 0.5594% |
| 1986 | 23.478477 | 0.042592 | 1.3056% | 1985 | 23.175886 | 0.043148 | 0.7673% |
| 1984 | 22.999416 | 0.043479 | 0.8149% | 1983 | 22.813498 | 0.043834 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 22.593494 | 0.044261 | 0.9508% | 1981 | 22.380697 | 0.044681 | 0.9031% |
| 1980 | 22.180394 | 0.045085 | 2.2701% | 1979 | 21.688060 | 0.046108 | 1.0042% |
| 1978 | 21.472439 | 0.046571 | 0.9896% | 1977 | 21.262028 | 0.047032 | 0.9103% |
| 1976 | 21.070218 | 0.047460 | 0.8394% | 1975 | 20.894819 | 0.047859 | 0.9042% |
| 1974 | 20.707587 | 0.048291 | 1.1568% | 1973 | 20.470783 | 0.048850 | 0.9427% |
| 1972 | 20.279607 | 0.049311 | 0.7426% | 1971 | 20.130113 | 0.049677 | 1.4697% |
| 1970 | 19.838539 | 0.050407 | 0.6968% | 1969 | 19.701256 | 0.050758 | 0.8565% |
| 1968 | 19.533940 | 0.051193 | 1.5090% | 1967 | 19.243548 | 0.051965 | 0.9949% |
| 1966 | 19.053978 | 0.052482 | 1.0575% | 1965 | 18.854597 | 0.053037 | 1.1300% |
| 1964 | 18.643918 | 0.053637 | 1.5537% | 1963 | 18.358687 | 0.054470 | 1.4658% |
| 1962 | 18.093470 | 0.055269 | 1.5364% | 1961 | 17.819683 | 0.056118 | 2.1586% |
| 1960 | 17.443148 | 0.057329 | -1.6655% | 1959 | 17.738581 | 0.056374 | 4.3080% |
| 1958 | 17.005965 | 0.058803 | 2.1130% | 1957 | 16.654071 | 0.060045 | 1.9895% |
| 1956 | 16.329202 | 0.061240 | 2.1231% | 1955 | 15.989725 | 0.062540 | 1.4496% |
| 1954 | 15.761249 | 0.063447 | 2.1573% | 1953 | 15.428418 | 0.064815 | 1.2298% |
| 1952 | 15.240991 | 0.065613 | 1.6814% | 1951 | 14.988971 | 0.066716 | 1.6233% |
| 1950 | 14.749545 | 0.067799 | 1.4265% | 1949 | 14.542097 | 0.068766 | 1.7790% |
| 1948 | 14.287909 | 0.069989 | 1.8242% | 1947 | 14.031944 | 0.071266 | -2.6320% |
| 1946 | 14.411253 | 0.069390 | 3.1768% | 1945 | 13.967533 | 0.071595 | 6.4754% |
| 1944 | 13.118082 | 0.076231 | -0.3437% | 1943 | 13.163321 | 0.075969 | 0.6562% |
| 1942 | 13.077504 | 0.076467 | 0.6633% | 1941 | 12.991332 | 0.076974 | -5.6614% |
| 1940 | 13.770966 | 0.072617 | 8.0381% | 1939 | 12.746397 | 0.078454 | 0.8126% |
| 1938 | 12.643650 | 0.079091 | 0.7762% | 1937 | 12.546260 | 0.079705 | 0.6029% |
| 1936 | 12.471075 | 0.080186 | 0.5244% | 1935 | 12.406019 | 0.080606 | -3.0364% |
| 1934 | 12.794507 | 0.078159 | 4.6271% | 1933 | 12.228672 | 0.081775 | 1.3921% |
| 1932 | 12.060771 | 0.082913 | -0.2051% | 1931 | 12.085557 | 0.082743 | 0.8886% |
| 1930 | 11.979111 | 0.083479 | 1.0126% | 1929 | 11.859028 | 0.084324 | 1.1526% |
| 1928 | 11.723899 | 0.085296 | 1.2160% | 1927 | 11.583049 | 0.086333 | 1.4086% |
| 1926 | 11.422159 | 0.087549 | 1.7667% | 1925 | 11.223868 | 0.089096 | 1.4465% |
| 1924 | 11.063830 | 0.090385 | 1.7700% | 1923 | 10.871409 | 0.091984 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 10.698466 | 0.093471 | 1.3736% | 1921 | 10.553498 | 0.094755 | 2.3393% |
| 1920 | 10.312262 | 0.096972 | 1.3140% | 1919 | 10.178516 | 0.098246 | 0.7676% |
| 1918 | 10.100976 | 0.099000 | 0.3870% | 1917 | 10.062037 | 0.099383 | 1.3274% |
| 1916 | 9.930220 | 0.100703 | 1.4083% | 1915 | 9.792316 | 0.102121 | 1.4458% |
| 1914 | 9.652756 | 0.103597 | 1.9424% | 1913 | 9.468835 | 0.105610 | 1.9857% |
| 1912 | 9.284476 | 0.107707 | 1.5634% | 1911 | 9.141556 | 0.109391 | 1.8169% |
| 1910 | 8.978426 | 0.111378 | 1.8781% | 1909 | 8.812914 | 0.113470 | 2.0082% |
| 1908 | 8.639414 | 0.115749 | 1.9603% | 1907 | 8.473315 | 0.118018 | 1.8264% |
| 1906 | 8.321338 | 0.120173 | 1.9357% | 1905 | 8.163323 | 0.122499 | 2.0148% |
| 1904 | 8.002094 | 0.124967 | 2.1335% | 1903 | 7.834933 | 0.127634 | 1.8151% |
| 1902 | 7.695253 | 0.129950 | 1.8943% | 1901 | 7.552188 | 0.132412 | 3.0255% |
| 1900 | 7.330407 | 0.136418 | 0.6278% | 1899 | 7.284671 | 0.137275 | 1.7757% |
| 1898 | 7.157577 | 0.139712 | 1.8078% | 1897 | 7.030483 | 0.142238 | 1.8396% |
| 1896 | 6.903487 | 0.144854 | 1.8755% | 1895 | 6.776393 | 0.147571 | 1.9114% |
| 1894 | 6.649299 | 0.150392 | 1.9486% | 1893 | 6.522205 | 0.153322 | 1.9858% |
| 1892 | 6.395208 | 0.156367 | 2.0276% | 1891 | 6.268115 | 0.159538 | 2.6465% |
| 1890 | 6.106505 | 0.163760 | 1.5328% | 1889 | 6.014316 | 0.166270 | 2.0811% |
| 1888 | 5.891702 | 0.169730 | 2.1599% | 1887 | 5.767141 | 0.173396 | 2.2075% |
| 1886 | 5.642579 | 0.177224 | 2.2592% | 1885 | 5.517920 | 0.181228 | 2.3095% |
| 1884 | 5.393358 | 0.185413 | 2.3641% | 1883 | 5.268796 | 0.189797 | 2.4214% |
| 1882 | 5.144235 | 0.194392 | 2.4815% | 1881 | 5.019673 | 0.199216 | 3.7644% |
| 1880 | 4.837568 | 0.206715 | 0.9432% | 1879 | 4.792365 | 0.208665 | 2.1464% |
| 1878 | 4.691663 | 0.213144 | 2.1913% | 1877 | 4.591060 | 0.217815 | 2.2426% |
| 1876 | 4.490358 | 0.222699 | 2.2941% | 1875 | 4.389657 | 0.227808 | 2.3456% |
| 1874 | 4.289053 | 0.233152 | 2.4043% | 1873 | 4.188352 | 0.238757 | 2.4635% |
| 1872 | 4.087651 | 0.244639 | 2.5258% | 1871 | 3.986950 | 0.250818 | 5.9947% |
| 1870 | 3.761462 | 0.265854 | -1.0968% | 1869 | 3.803175 | 0.262938 | 2.1930% |
| 1868 | 3.721562 | 0.268704 | 2.2394% | 1867 | 3.640047 | 0.274722 | 2.2935% |
| 1866 | 3.558434 | 0.281022 | 2.3445% | 1865 | 3.476919 | 0.287611 | 2.4037% |
| 1864 | 3.395306 | 0.294524 | 2.4599% | 1863 | 3.313790 | 0.301769 | 2.5250% |
| 1862 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.232178 | 0.309389 | 2.5872% | 1861 | 3.150662 | 0.317394 | 2.9504% | 1860 |
| 3.060369 | 0.326758 | 2.4012% | 1859 | 2.988605 | 0.334604 | 2.7627% | 1858 |
| 2.908259 | 0.343848 | 2.8412% | 1857 | 2.827912 | 0.353618 | 2.9243% | 1856 |
| 2.747565 | 0.363959 | 3.0161% | 1855 | 2.667121 | 0.374936 | 3.1061% | 1854 |
| 2.586774 | 0.386582 | 3.2056% | 1853 | 2.506428 | 0.398974 | 3.3118% | 1852 |
| 2.426081 | 0.412187 | 3.4252% | 1851 | 2.345734 | 0.426306 | 4.0106% | 1850 |
| 2.255284 | 0.443403 | 2.3254% | 1849 | 2.204032 | 0.453714 | 2.7841% | 1848 |
| 2.144332 | 0.466346 | 2.8590% | 1847 | 2.084729 | 0.479679 | 2.9432% | 1846 |
| 2.025127 | 0.493796 | 3.0324% | 1845 | 1.965524 | 0.508770 | 3.1325% | 1844 |
| 1.905824 | 0.524707 | 3.2284% | 1843 | 1.846221 | 0.541647 | 3.3361% | 1842 |
| 1.786619 | 0.559717 | 3.4512% | 1841 | 1.727016 | 0.579033 | 3.8105% | 1840 |
| 1.663624 | 0.601097 | 2.3861% | 1839 | 1.624854 | 0.615440 | 2.5824% | 1838 |
| 1.583950 | 0.631333 | 2.6573% | 1837 | 1.542949 | 0.648110 | 2.7232% | 1836 |
| 1.502045 | 0.665759 | 2.7994% | 1835 | 1.461141 | 0.684396 | 2.8871% | 1834 |
| 1.420140 | 0.704156 | 2.9657% | 1833 | 1.379236 | 0.725039 | 3.0563% | 1832 |
| 1.338333 | 0.747198 | 3.1604% | 1831 | 1.297332 | 0.770813 | 3.4660% | 1830 |
| 1.253873 | 0.797529 | 2.4653% | 1829 | 1.223705 | 0.817191 | 2.6804% | 1828 |
| 1.191761 | 0.839095 | 10.3427% | 1827 | 1.080055 | 0.925879 | -4.2314% | 1826 |
| 1.127776 | 0.886701 | 2.9150% | 1825 | 1.095832 | 0.912549 | 3.0026% | 1824 |
| 1.063888 | 0.939949 | 3.0955% | 1823 | 1.031944 | 0.969045 | 3.1944% | 1822 |
| 1.000000 | 1.000000 | 3.3102% | 1821 | 0.967959 | 1.033102 | 3.2277% | 1820 |
| 0.937692 | 1.066448 | 2.6573% | 1819 | 0.913420 | 1.094786 | 2.6261% | 1818 |
| 0.890047 | 1.123536 | 2.6969% | 1817 | 0.866673 | 1.153838 | 2.7717% | 1816 |
| 0.843300 | 1.185818 | 2.8507% | 1815 | 0.819926 | 1.219622 | 2.9343% | 1814 |
| 0.796552 | 1.255410 | 3.0231% | 1813 | 0.773179 | 1.293362 | 3.1039% | 1812 |
| 0.749903 | 1.333506 | 3.2172% | 1811 | 0.726529 | 1.376408 | 3.0969% | 1810 |
| 0.704705 | 1.419034 | 2.9144% | 1809 | 0.684749 | 1.460390 | 2.8225% | 1808 |
| 0.665952 | 1.501609 | 2.9199% | 1807 | 0.647059 | 1.545455 | 2.9918% | 1806 |
| 0.628263 | 1.591691 | 3.0841% | 1805 | 0.609466 | 1.640780 | 3.1822% | 1804 |
| 0.590670 | 1.692993 | 3.2868% | 1803 | 0.571874 | 1.748638 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.553078 | 1.808065 | 3.5180% | 1801 | 0.534281 | 1.871673 | 3.3999% | 1800 |
| 0.516713 | 1.935309 | 2.8419% | 1799 | 0.502435 | 1.990308 | 2.7485% | 1798 |
| 0.488995 | 2.045011 | 2.8261% | 1797 | 0.475555 | 2.102806 | 3.7832% | 1796 |
| 0.458220 | 2.182359 | 2.1272% | 1795 | 0.448675 | 2.228782 | 3.0879% | 1794 |
| 0.435236 | 2.297606 | 3.1625% | 1793 | 0.421893 | 2.370268 | 3.2904% | 1792 |
| 0.408453 | 2.448259 | 3.4024% | 1791 | 0.395014 | 2.531558 | 3.2296% | 1790 |
| 0.382656 | 2.613316 | 41.3145% | 1780 | 0.270783 | 3.692994 | 29.4353% | 1770 |
| 0.209203 | 4.780038 | 83.4728% | 1750 | 0.114024 | 8.770072 | 29.2845% | 1740 |
| 0.088196 | 11.338339 | 94.2514% | 1720 | 0.045403 | 22.024882 | 85.8111% | 1700 |
| 0.024435 | 40.924671 | 19.2490% | 1690 | 0.020491 | 48.802281 | 88.0250% | 1670 |
| 0.010898 | 91.760500 | | | | | | |

BASE YEAR: 1821

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 30.328036 | 0.032973 | 8.2857% | 2001 | 28.007435 | 0.035705 | 1.0000% |
| 2000 | 27.730131 | 0.036062 | 1.0000% | 1999 | 27.455575 | 0.036422 | 1.0000% |
| 1998 | 27.183738 | 0.036787 | 1.0000% | 1997 | 26.914592 | 0.037155 | 1.0000% |
| 1996 | 26.648111 | 0.037526 | 1.0000% | 1995 | 26.384268 | 0.037901 | 0.9992% |
| 1994 | 26.123239 | 0.038280 | 1.0008% | 1993 | 25.864394 | 0.038663 | 1.0000% |
| 1992 | 25.608311 | 0.039050 | 0.9295% | 1991 | 25.372472 | 0.039413 | 1.2505% |
| 1990 | 25.059104 | 0.039906 | 0.7224% | 1989 | 24.879364 | 0.040194 | 1.1077% |
| 1988 | 24.606801 | 0.040639 | 0.8834% | 1987 | 24.391337 | 0.040998 | 0.5594% |
| 1986 | 24.255660 | 0.041227 | 1.3056% | 1985 | 23.943053 | 0.041766 | 0.7673% |
| 1984 | 23.760741 | 0.042086 | 0.8149% | 1983 | 23.568669 | 0.042429 | 0.9737% |
| 1982 | 23.341382 | 0.042842 | 0.9508% | 1981 | 23.121541 | 0.043250 | 0.9031% |
| 1980 | 22.914607 | 0.043640 | 2.2701% | 1979 | 22.405976 | 0.044631 | 1.0042% |
| 1978 | 22.183218 | 0.045079 | 0.9896% | 1977 | 21.965842 | 0.045525 | 0.9103% |
| 1976 | 21.767683 | 0.045940 | 0.8394% | 1975 | 21.586478 | 0.046325 | 0.9042% |
| 1974 | 21.393048 | 0.046744 | 1.1568% | 1973 | 21.148405 | 0.047285 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 20.950900 | 0.047731 | 0.7426% | 1971 | 20.796458 | 0.048085 | 1.4697% |
| 1970 | 20.495232 | 0.048792 | 0.6968% | 1969 | 20.353406 | 0.049132 | 0.8565% |
| 1968 | 20.180551 | 0.049553 | 1.5090% | 1967 | 19.880546 | 0.050300 | 0.9949% |
| 1966 | 19.684702 | 0.050801 | 1.0575% | 1965 | 19.478720 | 0.051338 | 1.1300% |
| 1964 | 19.261068 | 0.051918 | 1.5537% | 1963 | 18.966395 | 0.052725 | 1.4658% |
| 1962 | 18.692399 | 0.053498 | 1.5364% | 1961 | 18.409548 | 0.054320 | 2.1586% |
| 1960 | 18.020550 | 0.055492 | -1.6655% | 1959 | 18.325762 | 0.054568 | 4.3080% |
| 1958 | 17.568895 | 0.056919 | 2.1130% | 1957 | 17.205353 | 0.058121 | 1.9895% |
| 1956 | 16.869730 | 0.059278 | 2.1231% | 1955 | 16.519016 | 0.060536 | 1.4496% |
| 1954 | 16.282976 | 0.061414 | 2.1573% | 1953 | 15.939129 | 0.062739 | 1.2298% |
| 1952 | 15.745498 | 0.063510 | 1.6814% | 1951 | 15.485134 | 0.064578 | 1.6233% |
| 1950 | 15.237783 | 0.065626 | 1.4265% | 1949 | 15.023468 | 0.066563 | 1.7790% |
| 1948 | 14.760866 | 0.067747 | 1.8242% | 1947 | 14.496428 | 0.068983 | -2.6320% |
| 1946 | 14.888294 | 0.067167 | 3.1768% | 1945 | 14.429885 | 0.069301 | 6.4754% |
| 1944 | 13.552316 | 0.073788 | -0.3437% | 1943 | 13.599053 | 0.073535 | 0.6562% |
| 1942 | 13.510394 | 0.074017 | 0.6633% | 1941 | 13.421370 | 0.074508 | -5.6614% |
| 1940 | 14.226811 | 0.070290 | 8.0381% | 1939 | 13.168327 | 0.075940 | 0.8126% |
| 1938 | 13.062179 | 0.076557 | 0.7762% | 1937 | 12.961566 | 0.077151 | 0.6029% |
| 1936 | 12.883892 | 0.077616 | 0.5244% | 1935 | 12.816682 | 0.078023 | -3.0364% |
| 1934 | 13.218030 | 0.075654 | 4.6271% | 1933 | 12.633464 | 0.079155 | 1.3921% |
| 1932 | 12.460006 | 0.080257 | -0.2051% | 1931 | 12.485612 | 0.080092 | 0.8886% |
| 1930 | 12.375643 | 0.080804 | 1.0126% | 1929 | 12.251585 | 0.081622 | 1.1526% |
| 1928 | 12.111983 | 0.082563 | 1.2160% | 1927 | 11.966470 | 0.083567 | 1.4086% |
| 1926 | 11.800254 | 0.084744 | 1.7667% | 1925 | 11.595400 | 0.086241 | 1.4465% |
| 1924 | 11.430064 | 0.087489 | 1.7700% | 1923 | 11.231273 | 0.089037 | 1.6165% |
| 1922 | 11.052606 | 0.090476 | 1.3736% | 1921 | 10.902839 | 0.091719 | 2.3393% |
| 1920 | 10.653618 | 0.093865 | 1.3140% | 1919 | 10.515444 | 0.095098 | 0.7676% |
| 1918 | 10.435338 | 0.095828 | 0.3870% | 1917 | 10.395110 | 0.096199 | 1.3274% |
| 1916 | 10.258929 | 0.097476 | 1.4083% | 1915 | 10.116460 | 0.098849 | 1.4458% |
| 1914 | 9.972281 | 0.100278 | 1.9424% | 1913 | 9.782272 | 0.102226 | 1.9857% |
| | | | | 1912 | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 9.591810 | 0.104256 | 1.5634% | 1911 | 9.444159 | 0.105886 | 1.8169% | 1910 |
| 9.275629 | 0.107809 | 1.8781% | 1909 | 9.104638 | 0.109834 | 2.0082% | 1908 |
| 8.925395 | 0.112040 | 1.9603% | 1907 | 8.753798 | 0.114236 | 1.8264% | 1906 |
| 8.596790 | 0.116322 | 1.9357% | 1905 | 8.433545 | 0.118574 | 2.0148% | 1904 |
| 8.266979 | 0.120963 | 2.1335% | 1903 | 8.094285 | 0.123544 | 1.8151% | 1902 |
| 7.949981 | 0.125786 | 1.8943% | 1901 | 7.802180 | 0.128169 | 3.0255% | 1900 |
| 7.573057 | 0.132047 | 0.6278% | 1899 | 7.525807 | 0.132876 | 1.7757% | 1898 |
| 7.394506 | 0.135236 | 1.8078% | 1897 | 7.263206 | 0.137680 | 1.8396% | 1896 |
| 7.132005 | 0.140213 | 1.8755% | 1895 | 7.000704 | 0.142843 | 1.9114% | 1894 |
| 6.869403 | 0.145573 | 1.9486% | 1893 | 6.738102 | 0.148410 | 1.9858% | 1892 |
| 6.606902 | 0.151357 | 2.0276% | 1891 | 6.475601 | 0.154426 | 2.6465% | 1890 |
| 6.308642 | 0.158513 | 1.5328% | 1889 | 6.213402 | 0.160942 | 2.0811% | 1888 |
| 6.086729 | 0.164292 | 2.1599% | 1887 | 5.958044 | 0.167840 | 2.2075% | 1886 |
| 5.829359 | 0.171545 | 2.2592% | 1885 | 5.700573 | 0.175421 | 2.3095% | 1884 |
| 5.571889 | 0.179472 | 2.3641% | 1883 | 5.443204 | 0.183715 | 2.4214% | 1882 |
| 5.314519 | 0.188164 | 2.4815% | 1881 | 5.185834 | 0.192833 | 3.7644% | 1880 |
| 4.997700 | 0.200092 | 0.9432% | 1879 | 4.951001 | 0.201979 | 2.1464% | 1878 |
| 4.846966 | 0.206315 | 2.1913% | 1877 | 4.743032 | 0.210836 | 2.2426% | 1876 |
| 4.638998 | 0.215564 | 2.2941% | 1875 | 4.534963 | 0.220509 | 2.3456% | 1874 |
| 4.431029 | 0.225681 | 2.4043% | 1873 | 4.326995 | 0.231107 | 2.4635% | 1872 |
| 4.222960 | 0.236801 | 2.5258% | 1871 | 4.118925 | 0.242782 | 5.9947% | 1870 |
| 3.885974 | 0.257336 | -1.0968% | 1869 | 3.929067 | 0.254513 | 2.1930% | 1868 |
| 3.844753 | 0.260095 | 2.2394% | 1867 | 3.760539 | 0.265919 | 2.2935% | 1866 |
| 3.676225 | 0.272018 | 2.3445% | 1865 | 3.592011 | 0.278396 | 2.4037% | 1864 |
| 3.507697 | 0.285087 | 2.4599% | 1863 | 3.423483 | 0.292100 | 2.5250% | 1862 |
| 3.339169 | 0.299476 | 2.5872% | 1861 | 3.254955 | 0.307224 | 2.9504% | 1860 |
| 3.161673 | 0.316288 | 2.4012% | 1859 | 3.087534 | 0.323883 | 2.7627% | 1858 |
| 3.004528 | 0.332831 | 2.8412% | 1857 | 2.921521 | 0.342287 | 2.9243% | 1856 |
| 2.838515 | 0.352297 | 3.0161% | 1855 | 2.755408 | 0.362923 | 3.1061% | 1854 |
| 2.672402 | 0.374195 | 3.2056% | 1853 | 2.589395 | 0.386191 | 3.3118% | 1852 |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 2.506389 | 0.398980 | 3.4252% | 1851 | 2.423383 | 0.412646 | 4.0106% | 1850 |
| 2.329938 | 0.429196 | 2.3254% | 1849 | 2.276990 | 0.439176 | 2.7841% | 1848 |
| 2.215313 | 0.451403 | 2.8590% | 1847 | 2.153738 | 0.464309 | 2.9432% | 1846 |
| 2.092162 | 0.477974 | 3.0324% | 1845 | 2.030587 | 0.492469 | 3.1325% | 1844 |
| 1.968910 | 0.507895 | 3.2284% | 1843 | 1.907335 | 0.524292 | 3.3361% | 1842 |
| 1.845759 | 0.541783 | 3.4512% | 1841 | 1.784184 | 0.560480 | 3.8105% | 1840 |
| 1.718693 | 0.581838 | 2.3861% | 1839 | 1.678640 | 0.595720 | 2.5824% | 1838 |
| 1.636382 | 0.611104 | 2.6573% | 1837 | 1.594024 | 0.627343 | 2.7232% | 1836 |
| 1.551766 | 0.644427 | 2.7994% | 1835 | 1.509508 | 0.662468 | 2.8871% | 1834 |
| 1.467150 | 0.681594 | 2.9657% | 1833 | 1.424892 | 0.701808 | 3.0563% | 1832 |
| 1.382634 | 0.723257 | 3.1604% | 1831 | 1.340276 | 0.746115 | 3.4660% | 1830 |
| 1.295378 | 0.771975 | 2.4653% | 1829 | 1.264212 | 0.791007 | 2.6804% | 1828 |
| 1.231210 | 0.812209 | 10.3427% | 1827 | 1.115806 | 0.896213 | -4.2314% | 1826 |
| 1.165107 | 0.858290 | 2.9150% | 1825 | 1.132106 | 0.883310 | 3.0026% | 1824 |
| 1.099105 | 0.909832 | 3.0955% | 1823 | 1.066103 | 0.937995 | 3.1944% | 1822 |
| 1.033102 | 0.967959 | 3.3102% | 1821 | 1.000000 | 1.000000 | 3.2277% | 1820 |
| 0.968732 | 1.032277 | 2.6573% | 1819 | 0.943656 | 1.059708 | 2.6261% | 1818 |
| 0.919509 | 1.087537 | 2.6969% | 1817 | 0.895362 | 1.116867 | 2.7717% | 1816 |
| 0.871214 | 1.147823 | 2.8507% | 1815 | 0.847067 | 1.180544 | 2.9343% | 1814 |
| 0.822920 | 1.215185 | 3.0231% | 1813 | 0.798773 | 1.251921 | 3.1039% | 1812 |
| 0.774726 | 1.290779 | 3.2172% | 1811 | 0.750579 | 1.332306 | 3.0969% | 1810 |
| 0.728032 | 1.373566 | 2.9144% | 1809 | 0.707415 | 1.413597 | 2.8225% | 1808 |
| 0.687997 | 1.453495 | 2.9199% | 1807 | 0.668478 | 1.495936 | 2.9918% | 1806 |
| 0.649059 | 1.540691 | 3.0841% | 1805 | 0.629641 | 1.588207 | 3.1822% | 1804 |
| 0.610222 | 1.638747 | 3.2868% | 1803 | 0.590804 | 1.692609 | 3.3985% | 1802 |
| 0.571385 | 1.750132 | 3.5180% | 1801 | 0.551967 | 1.811703 | 3.3999% | 1800 |
| 0.533817 | 1.873299 | 2.8419% | 1799 | 0.519066 | 1.926536 | 2.7485% | 1798 |
| 0.505182 | 1.979486 | 2.8261% | 1797 | 0.491297 | 2.035429 | 3.7832% | 1796 |
| 0.473388 | 2.112434 | 2.1272% | 1795 | 0.463528 | 2.157369 | 3.0879% | 1794 |
| 0.449643 | 2.223987 | 3.1625% | 1793 | 0.435859 | 2.294321 | 3.2904% | 1792 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.421974 | 2.369814 | 3.4024% | 1791 | 0.408089 | 2.450444 | 3.2296% | 1790 |
| 0.395322 | 2.529582 | 41.3145% | 1780 | 0.279746 | 3.574666 | 29.4353% | 1770 |
| 0.216128 | 4.626880 | 83.4728% | 1750 | 0.117799 | 8.489067 | 29.2845% | 1740 |
| 0.091116 | 10.975044 | 94.2514% | 1720 | 0.046906 | 21.319176 | 85.8111% | 1700 |
| 0.025244 | 39.613392 | 19.2490% | 1690 | 0.021169 | 47.238593 | 88.0250% | 1670 |
| 0.011259 | 88.820375 | | | | | | |

BASE YEAR: 1820

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 31.306946 | 0.031942 | 8.2857% | 2001 | 28.911442 | 0.034588 | 1.0000% |
| 2000 | 28.625187 | 0.034934 | 1.0000% | 1999 | 28.341770 | 0.035284 | 1.0000% |
| 1998 | 28.061158 | 0.035636 | 1.0000% | 1997 | 27.783325 | 0.035993 | 1.0000% |
| 1996 | 27.508242 | 0.036353 | 1.0000% | 1995 | 27.235883 | 0.036716 | 0.9992% |
| 1994 | 26.966429 | 0.037083 | 1.0008% | 1993 | 26.699229 | 0.037454 | 1.0000% |
| 1992 | 26.434880 | 0.037829 | 0.9295% | 1991 | 26.191429 | 0.038180 | 1.2505% |
| 1990 | 25.867947 | 0.038658 | 0.7224% | 1989 | 25.682405 | 0.038937 | 1.1077% |
| 1988 | 25.401045 | 0.039368 | 0.8834% | 1987 | 25.178626 | 0.039716 | 0.5594% |
| 1986 | 25.038569 | 0.039938 | 1.3056% | 1985 | 24.715872 | 0.040460 | 0.7673% |
| 1984 | 24.527675 | 0.040770 | 0.8149% | 1983 | 24.329404 | 0.041103 | 0.9737% |
| 1982 | 24.094781 | 0.041503 | 0.9508% | 1981 | 23.867844 | 0.041897 | 0.9031% |
| 1980 | 23.654231 | 0.042276 | 2.2701% | 1979 | 23.129183 | 0.043235 | 1.0042% |
| 1978 | 22.899234 | 0.043670 | 0.9896% | 1977 | 22.674842 | 0.044102 | 0.9103% |
| 1976 | 22.470287 | 0.044503 | 0.8394% | 1975 | 22.283233 | 0.044877 | 0.9042% |
| 1974 | 22.083559 | 0.045283 | 1.1568% | 1973 | 21.831021 | 0.045806 | 0.9427% |
| 1972 | 21.627141 | 0.046238 | 0.7426% | 1971 | 21.467714 | 0.046582 | 1.4697% |
| 1970 | 21.156765 | 0.047266 | 0.6968% | 1969 | 21.010361 | 0.047596 | 0.8565% |
| 1968 | 20.831927 | 0.048003 | 1.5090% | 1967 | 20.522238 | 0.048728 | 0.9949% |
| 1966 | 20.320072 | 0.049212 | 1.0575% | 1965 | 20.107442 | 0.049733 | 1.1300% |
| 1964 | 19.882764 | 0.050295 | 1.5537% | 1963 | 19.578581 | 0.051076 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 19.295740 | 0.051825 | 1.5364% | 1961 | 19.003760 | 0.052621 | 2.1586% |
| 1960 | 18.602206 | 0.053757 | -1.6655% | 1959 | 18.917270 | 0.052862 | 4.3080% |
| 1958 | 18.135973 | 0.055139 | 2.1130% | 1957 | 17.760697 | 0.056304 | 1.9895% |
| 1956 | 17.414241 | 0.057424 | 2.1231% | 1955 | 17.052207 | 0.058643 | 1.4496% |
| 1954 | 16.808548 | 0.059494 | 2.1573% | 1953 | 16.453602 | 0.060777 | 1.2298% |
| 1952 | 16.253721 | 0.061524 | 1.6814% | 1951 | 15.984954 | 0.062559 | 1.6233% |
| 1950 | 15.729619 | 0.063574 | 1.4265% | 1949 | 15.508386 | 0.064481 | 1.7790% |
| 1948 | 15.237309 | 0.065628 | 1.8242% | 1947 | 14.964335 | 0.066826 | -2.6320% |
| 1946 | 15.368849 | 0.065067 | 3.1768% | 1945 | 14.895644 | 0.067134 | 6.4754% |
| 1944 | 13.989749 | 0.071481 | -0.3437% | 1943 | 14.037995 | 0.071235 | 0.6562% |
| 1942 | 13.946475 | 0.071703 | 0.6633% | 1941 | 13.854577 | 0.072178 | -5.6614% |
| 1940 | 14.686015 | 0.068092 | 8.0381% | 1939 | 13.593366 | 0.073565 | 0.8126% |
| 1938 | 13.483792 | 0.074163 | 0.7762% | 1937 | 13.379931 | 0.074739 | 0.6029% |
| 1936 | 13.299750 | 0.075189 | 0.5244% | 1935 | 13.230371 | 0.075584 | -3.0364% |
| 1934 | 13.644673 | 0.073289 | 4.6271% | 1933 | 13.041239 | 0.076680 | 1.3921% |
| 1932 | 12.862183 | 0.077747 | -0.2051% | 1931 | 12.888615 | 0.077588 | 0.8886% |
| 1930 | 12.775096 | 0.078277 | 1.0126% | 1929 | 12.647034 | 0.079070 | 1.1526% |
| 1928 | 12.502926 | 0.079981 | 1.2160% | 1927 | 12.352717 | 0.080954 | 1.4086% |
| 1926 | 12.181136 | 0.082094 | 1.7667% | 1925 | 11.969669 | 0.083544 | 1.4465% |
| 1924 | 11.798996 | 0.084753 | 1.7700% | 1923 | 11.593789 | 0.086253 | 1.6165% |
| 1922 | 11.409355 | 0.087647 | 1.3736% | 1921 | 11.254755 | 0.088851 | 2.3393% |
| 1920 | 10.997489 | 0.090930 | 1.3140% | 1919 | 10.854855 | 0.092125 | 0.7676% |
| 1918 | 10.772164 | 0.092832 | 0.3870% | 1917 | 10.730637 | 0.093191 | 1.3274% |
| 1916 | 10.590061 | 0.094428 | 1.4083% | 1915 | 10.442993 | 0.095758 | 1.4458% |
| 1914 | 10.294160 | 0.097142 | 1.9424% | 1913 | 10.098018 | 0.099029 | 1.9857% |
| 1912 | 9.901409 | 0.100996 | 1.5634% | 1911 | 9.748992 | 0.102575 | 1.8169% |
| 1910 | 9.575022 | 0.104438 | 1.8781% | 1909 | 9.398512 | 0.106400 | 2.0082% |
| 1908 | 9.213483 | 0.108537 | 1.9603% | 1907 | 9.036348 | 0.110664 | 1.8264% |
| 1906 | 8.874272 | 0.112685 | 1.9357% | 1905 | 8.705757 | 0.114867 | 2.0148% |
| 1904 | 8.533815 | 0.117181 | 2.1335% | 1903 | 8.355547 | 0.119681 | 1.8151% |
| 1902 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|---------|------|
| 8.206585 | 0.121853 | 1.8943% | 1901 | 8.054014 | 0.124162 | 3.0255% | 1900 |
| 7.817496 | 0.127918 | 0.6278% | 1899 | 7.768721 | 0.128721 | 1.7757% | 1898 |
| 7.633182 | 0.131007 | 1.8078% | 1897 | 7.497643 | 0.133375 | 1.8396% | 1896 |
| 7.362208 | 0.135829 | 1.8755% | 1895 | 7.226669 | 0.138376 | 1.9114% | 1894 |
| 7.091130 | 0.141021 | 1.9486% | 1893 | 6.955591 | 0.143769 | 1.9858% | 1892 |
| 6.820156 | 0.146624 | 2.0276% | 1891 | 6.684617 | 0.149597 | 2.6465% | 1890 |
| 6.512268 | 0.153556 | 1.5328% | 1889 | 6.413954 | 0.155910 | 2.0811% | 1888 |
| 6.283193 | 0.159155 | 2.1599% | 1887 | 6.150354 | 0.162592 | 2.2075% | 1886 |
| 6.017516 | 0.166182 | 2.2592% | 1885 | 5.884573 | 0.169936 | 2.3095% | 1884 |
| 5.751735 | 0.173861 | 2.3641% | 1883 | 5.618896 | 0.177971 | 2.4214% | 1882 |
| 5.486057 | 0.182280 | 2.4815% | 1881 | 5.353219 | 0.186804 | 3.7644% | 1880 |
| 5.159013 | 0.193836 | 0.9432% | 1879 | 5.110806 | 0.195664 | 2.1464% | 1878 |
| 5.003414 | 0.199864 | 2.1913% | 1877 | 4.896125 | 0.204243 | 2.2426% | 1876 |
| 4.788733 | 0.208824 | 2.2941% | 1875 | 4.681340 | 0.213614 | 2.3456% | 1874 |
| 4.574051 | 0.218625 | 2.4043% | 1873 | 4.466659 | 0.223881 | 2.4635% | 1872 |
| 4.359266 | 0.229396 | 2.5258% | 1871 | 4.251874 | 0.235190 | 5.9947% | 1870 |
| 4.011403 | 0.249289 | -1.0968% | 1869 | 4.055887 | 0.246555 | 2.1930% | 1868 |
| 3.968852 | 0.251962 | 2.2394% | 1867 | 3.881920 | 0.257605 | 2.2935% | 1866 |
| 3.794884 | 0.263513 | 2.3445% | 1865 | 3.707952 | 0.269691 | 2.4037% | 1864 |
| 3.620916 | 0.276173 | 2.4599% | 1863 | 3.533984 | 0.282967 | 2.5250% | 1862 |
| 3.446949 | 0.290112 | 2.5872% | 1861 | 3.360017 | 0.297618 | 2.9504% | 1860 |
| 3.263724 | 0.306398 | 2.4012% | 1859 | 3.187191 | 0.313756 | 2.7627% | 1858 |
| 3.101506 | 0.322424 | 2.8412% | 1857 | 3.015820 | 0.331585 | 2.9243% | 1856 |
| 2.930135 | 0.341281 | 3.0161% | 1855 | 2.844345 | 0.351575 | 3.1061% | 1854 |
| 2.758660 | 0.362495 | 3.2056% | 1853 | 2.672974 | 0.374115 | 3.3118% | 1852 |
| 2.587289 | 0.386505 | 3.4252% | 1851 | 2.501603 | 0.399744 | 4.0106% | 1850 |
| 2.405142 | 0.415776 | 2.3254% | 1849 | 2.350485 | 0.425444 | 2.7841% | 1848 |
| 2.286818 | 0.437289 | 2.8590% | 1847 | 2.223255 | 0.449791 | 2.9432% | 1846 |
| 2.159692 | 0.463029 | 3.0324% | 1845 | 2.096129 | 0.477070 | 3.1325% | 1844 |
| 2.032462 | 0.492014 | 3.2284% | 1843 | 1.968899 | 0.507898 | 3.3361% | 1842 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.905335 | 0.524842 | 3.4512% | 1841 | 1.841772 | 0.542955 | 3.8105% | 1840 |
| 1.774168 | 0.563645 | 2.3861% | 1839 | 1.732822 | 0.577093 | 2.5824% | 1838 |
| 1.689200 | 0.591996 | 2.6573% | 1837 | 1.645474 | 0.607727 | 2.7232% | 1836 |
| 1.601853 | 0.624277 | 2.7994% | 1835 | 1.558231 | 0.641753 | 2.8871% | 1834 |
| 1.514505 | 0.660282 | 2.9657% | 1833 | 1.470884 | 0.679863 | 3.0563% | 1832 |
| 1.427262 | 0.700642 | 3.1604% | 1831 | 1.383536 | 0.722786 | 3.4660% | 1830 |
| 1.337190 | 0.747837 | 2.4653% | 1829 | 1.305017 | 0.766273 | 2.6804% | 1828 |
| 1.270951 | 0.786813 | 10.3427% | 1827 | 1.151822 | 0.868190 | -4.2314% | 1826 |
| 1.202714 | 0.831453 | 2.9150% | 1825 | 1.168647 | 0.855690 | 3.0026% | 1824 |
| 1.134581 | 0.881383 | 3.0955% | 1823 | 1.100514 | 0.908666 | 3.1944% | 1822 |
| 1.066448 | 0.937692 | 3.3102% | 1821 | 1.032277 | 0.968732 | 3.2277% | 1820 |
| 1.000000 | 1.000000 | 2.6573% | 1819 | 0.974115 | 1.026573 | 2.6261% | 1818 |
| 0.949188 | 1.053532 | 2.6969% | 1817 | 0.924262 | 1.081945 | 2.7717% | 1816 |
| 0.899335 | 1.111933 | 2.8507% | 1815 | 0.874408 | 1.143631 | 2.9343% | 1814 |
| 0.849482 | 1.177189 | 3.0231% | 1813 | 0.824555 | 1.212776 | 3.1039% | 1812 |
| 0.799732 | 1.250419 | 3.2172% | 1811 | 0.774805 | 1.290647 | 3.0969% | 1810 |
| 0.751531 | 1.330617 | 2.9144% | 1809 | 0.730249 | 1.369396 | 2.8225% | 1808 |
| 0.710204 | 1.408047 | 2.9199% | 1807 | 0.690054 | 1.449161 | 2.9918% | 1806 |
| 0.670009 | 1.492517 | 3.0841% | 1805 | 0.649964 | 1.538547 | 3.1822% | 1804 |
| 0.629919 | 1.587506 | 3.2868% | 1803 | 0.609874 | 1.639684 | 3.3985% | 1802 |
| 0.589828 | 1.695409 | 3.5180% | 1801 | 0.569783 | 1.755054 | 3.3999% | 1800 |
| 0.551048 | 1.814725 | 2.8419% | 1799 | 0.535820 | 1.866297 | 2.7485% | 1798 |
| 0.521488 | 1.917591 | 2.8261% | 1797 | 0.507155 | 1.971785 | 3.7832% | 1796 |
| 0.488667 | 2.046382 | 2.1272% | 1795 | 0.478489 | 2.089912 | 3.0879% | 1794 |
| 0.464156 | 2.154448 | 3.1625% | 1793 | 0.449927 | 2.222582 | 3.2904% | 1792 |
| 0.435594 | 2.295714 | 3.4024% | 1791 | 0.421261 | 2.373823 | 3.2296% | 1790 |
| 0.408082 | 2.450487 | 41.3145% | 1780 | 0.288776 | 3.462892 | 29.4353% | 1770 |
| 0.223104 | 4.482206 | 83.4728% | 1750 | 0.121601 | 8.223630 | 29.2845% | 1740 |
| 0.094057 | 10.631875 | 94.2514% | 1720 | 0.048420 | 20.652565 | 85.8111% | 1700 |

0.026059 38.374755 19.2490% 1690 0.021852 45.761530 88.0250% 1670
0.011622 86.043128

BASE YEAR: 1819

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 32.138858 | 0.031115 | 8.2857% | 2001 | 29.679699 | 0.033693 | 1.0000% |
| 2000 | 29.385838 | 0.034030 | 1.0000% | 1999 | 29.094889 | 0.034370 | 1.0000% |
| 1998 | 28.806821 | 0.034714 | 1.0000% | 1997 | 28.521605 | 0.035061 | 1.0000% |
| 1996 | 28.239212 | 0.035412 | 1.0000% | 1995 | 27.959616 | 0.035766 | 0.9992% |
| 1994 | 27.683002 | 0.036123 | 1.0008% | 1993 | 27.408701 | 0.036485 | 1.0000% |
| 1992 | 27.137328 | 0.036850 | 0.9295% | 1991 | 26.887408 | 0.037192 | 1.2505% |
| 1990 | 26.555330 | 0.037657 | 0.7224% | 1989 | 26.364858 | 0.037929 | 1.1077% |
| 1988 | 26.076021 | 0.038349 | 0.8834% | 1987 | 25.847692 | 0.038688 | 0.5594% |
| 1986 | 25.703913 | 0.038905 | 1.3056% | 1985 | 25.372641 | 0.039413 | 0.7673% |
| 1984 | 25.179443 | 0.039715 | 0.8149% | 1983 | 24.975904 | 0.040039 | 0.9737% |
| 1982 | 24.735046 | 0.040428 | 0.9508% | 1981 | 24.502079 | 0.040813 | 0.9031% |
| 1980 | 24.282790 | 0.041181 | 2.2701% | 1979 | 23.743789 | 0.042116 | 1.0042% |
| 1978 | 23.507730 | 0.042539 | 0.9896% | 1977 | 23.277375 | 0.042960 | 0.9103% |
| 1976 | 23.067385 | 0.043351 | 0.8394% | 1975 | 22.875360 | 0.043715 | 0.9042% |
| 1974 | 22.670381 | 0.044110 | 1.1568% | 1973 | 22.411131 | 0.044621 | 0.9427% |
| 1972 | 22.201834 | 0.045041 | 0.7426% | 1971 | 22.038170 | 0.045376 | 1.4697% |
| 1970 | 21.718959 | 0.046043 | 0.6968% | 1969 | 21.568664 | 0.046364 | 0.8565% |
| 1968 | 21.385489 | 0.046761 | 1.5090% | 1967 | 21.067571 | 0.047466 | 0.9949% |
| 1966 | 20.860033 | 0.047939 | 1.0575% | 1965 | 20.641753 | 0.048445 | 1.1300% |
| 1964 | 20.411105 | 0.048993 | 1.5537% | 1963 | 20.098838 | 0.049754 | 1.4658% |
| 1962 | 19.808482 | 0.050483 | 1.5364% | 1961 | 19.508743 | 0.051259 | 2.1586% |
| 1960 | 19.096518 | 0.052366 | -1.6655% | 1959 | 19.419954 | 0.051493 | 4.3080% |
| 1958 | 18.617896 | 0.053712 | 2.1130% | 1957 | 18.232647 | 0.054847 | 1.9895% |
| 1956 | 17.876986 | 0.055938 | 2.1231% | 1955 | 17.505331 | 0.057125 | 1.4496% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1954 | 17.255198 | 0.057954 | 2.1573% | 1953 | 16.890820 | 0.059204 | 1.2298% |
| 1952 | 16.685627 | 0.059932 | 1.6814% | 1951 | 16.409719 | 0.060939 | 1.6233% |
| 1950 | 16.147599 | 0.061929 | 1.4265% | 1949 | 15.920487 | 0.062812 | 1.7790% |
| 1948 | 15.642206 | 0.063930 | 1.8242% | 1947 | 15.361979 | 0.065096 | -2.6320% |
| 1946 | 15.777242 | 0.063382 | 3.1768% | 1945 | 15.291462 | 0.065396 | 6.4754% |
| 1944 | 14.361496 | 0.069631 | -0.3437% | 1943 | 14.411023 | 0.069391 | 0.6562% |
| 1942 | 14.317071 | 0.069847 | 0.6633% | 1941 | 14.222732 | 0.070310 | -5.6614% |
| 1940 | 15.076263 | 0.066329 | 8.0381% | 1939 | 13.954579 | 0.071661 | 0.8126% |
| 1938 | 13.842094 | 0.072243 | 0.7762% | 1937 | 13.735473 | 0.072804 | 0.6029% |
| 1936 | 13.653161 | 0.073243 | 0.5244% | 1935 | 13.581938 | 0.073627 | -3.0364% |
| 1934 | 14.007250 | 0.071392 | 4.6271% | 1933 | 13.387781 | 0.074695 | 1.3921% |
| 1932 | 13.203966 | 0.075735 | -0.2051% | 1931 | 13.231101 | 0.075579 | 0.8886% |
| 1930 | 13.114566 | 0.076251 | 1.0126% | 1929 | 12.983101 | 0.077023 | 1.1526% |
| 1928 | 12.835164 | 0.077911 | 1.2160% | 1927 | 12.680963 | 0.078858 | 1.4086% |
| 1926 | 12.504822 | 0.079969 | 1.7667% | 1925 | 12.287736 | 0.081382 | 1.4465% |
| 1924 | 12.112528 | 0.082559 | 1.7700% | 1923 | 11.901869 | 0.084020 | 1.6165% |
| 1922 | 11.712533 | 0.085379 | 1.3736% | 1921 | 11.553825 | 0.086551 | 2.3393% |
| 1920 | 11.289723 | 0.088576 | 1.3140% | 1919 | 11.143299 | 0.089740 | 0.7676% |
| 1918 | 11.058410 | 0.090429 | 0.3870% | 1917 | 11.015780 | 0.090779 | 1.3274% |
| 1916 | 10.871468 | 0.091984 | 1.4083% | 1915 | 10.720493 | 0.093279 | 1.4458% |
| 1914 | 10.567704 | 0.094628 | 1.9424% | 1913 | 10.366350 | 0.096466 | 1.9857% |
| 1912 | 10.164516 | 0.098381 | 1.5634% | 1911 | 10.008050 | 0.099920 | 1.8169% |
| 1910 | 9.829457 | 0.101735 | 1.8781% | 1909 | 9.648257 | 0.103646 | 2.0082% |
| 1908 | 9.458311 | 0.105727 | 1.9603% | 1907 | 9.276469 | 0.107800 | 1.8264% |
| 1906 | 9.110086 | 0.109768 | 1.9357% | 1905 | 8.937094 | 0.111893 | 2.0148% |
| 1904 | 8.760582 | 0.114148 | 2.1335% | 1903 | 8.577577 | 0.116583 | 1.8151% |
| 1902 | 8.424657 | 0.118699 | 1.8943% | 1901 | 8.268032 | 0.120948 | 3.0255% |
| 1900 | 8.025228 | 0.124607 | 0.6278% | 1899 | 7.975157 | 0.125389 | 1.7757% |
| 1898 | 7.836017 | 0.127616 | 1.8078% | 1897 | 7.696876 | 0.129923 | 1.8396% |
| 1896 | 7.557842 | 0.132313 | 1.8755% | 1895 | 7.418701 | 0.134794 | 1.9114% |
| 1894 | | | | | | | |

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|----------|----------|----------|------|----------|----------|---------|------|
| 7.279561 | 0.137371 | 1.9486% | 1893 | 7.140420 | 0.140048 | 1.9858% | 1892 |
| 7.001386 | 0.142829 | 2.0276% | 1891 | 6.862245 | 0.145725 | 2.6465% | 1890 |
| 6.685317 | 0.149582 | 1.5328% | 1889 | 6.584391 | 0.151874 | 2.0811% | 1888 |
| 6.450155 | 0.155035 | 2.1599% | 1887 | 6.313786 | 0.158384 | 2.2075% | 1886 |
| 6.177418 | 0.161880 | 2.2592% | 1885 | 6.040943 | 0.165537 | 2.3095% | 1884 |
| 5.904574 | 0.169360 | 2.3641% | 1883 | 5.768206 | 0.173364 | 2.4214% | 1882 |
| 5.631837 | 0.177562 | 2.4815% | 1881 | 5.495469 | 0.181968 | 3.7644% | 1880 |
| 5.296102 | 0.188818 | 0.9432% | 1879 | 5.246615 | 0.190599 | 2.1464% | 1878 |
| 5.136368 | 0.194690 | 2.1913% | 1877 | 5.026229 | 0.198956 | 2.2426% | 1876 |
| 4.915983 | 0.203418 | 2.2941% | 1875 | 4.805736 | 0.208085 | 2.3456% | 1874 |
| 4.695597 | 0.212965 | 2.4043% | 1873 | 4.585350 | 0.218086 | 2.4635% | 1872 |
| 4.475104 | 0.223458 | 2.5258% | 1871 | 4.364858 | 0.229103 | 5.9947% | 1870 |
| 4.117997 | 0.242836 | -1.0968% | 1869 | 4.163664 | 0.240173 | 2.1930% | 1868 |
| 4.074315 | 0.245440 | 2.2394% | 1867 | 3.985073 | 0.250936 | 2.2935% | 1866 |
| 3.895724 | 0.256692 | 2.3445% | 1865 | 3.806483 | 0.262710 | 2.4037% | 1864 |
| 3.717134 | 0.269024 | 2.4599% | 1863 | 3.627892 | 0.275642 | 2.5250% | 1862 |
| 3.538544 | 0.282602 | 2.5872% | 1861 | 3.449302 | 0.289914 | 2.9504% | 1860 |
| 3.350450 | 0.298467 | 2.4012% | 1859 | 3.271884 | 0.305634 | 2.7627% | 1858 |
| 3.183922 | 0.314078 | 2.8412% | 1857 | 3.095959 | 0.323002 | 2.9243% | 1856 |
| 3.007997 | 0.332447 | 3.0161% | 1855 | 2.919927 | 0.342474 | 3.1061% | 1854 |
| 2.831965 | 0.353112 | 3.2056% | 1853 | 2.744003 | 0.364431 | 3.3118% | 1852 |
| 2.656040 | 0.376500 | 3.4252% | 1851 | 2.568078 | 0.389396 | 4.0106% | 1850 |
| 2.469054 | 0.405013 | 2.3254% | 1849 | 2.412944 | 0.414432 | 2.7841% | 1848 |
| 2.347585 | 0.425970 | 2.8590% | 1847 | 2.282333 | 0.438148 | 2.9432% | 1846 |
| 2.217081 | 0.451044 | 3.0324% | 1845 | 2.151829 | 0.464721 | 3.1325% | 1844 |
| 2.086470 | 0.479278 | 3.2284% | 1843 | 2.021218 | 0.494751 | 3.3361% | 1842 |
| 1.955965 | 0.511256 | 3.4512% | 1841 | 1.890713 | 0.528901 | 3.8105% | 1840 |
| 1.821312 | 0.549055 | 2.3861% | 1839 | 1.778868 | 0.562155 | 2.5824% | 1838 |
| 1.734087 | 0.576672 | 2.6573% | 1837 | 1.689199 | 0.591996 | 2.7232% | 1836 |
| 1.644418 | 0.608118 | 2.7994% | 1835 | 1.599637 | 0.625142 | 2.8871% | 1834 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.554750 | 0.643190 | 2.9657% | 1833 | 1.509969 | 0.662265 | 3.0563% | 1832 |
| 1.465188 | 0.682506 | 3.1604% | 1831 | 1.420301 | 0.704076 | 3.4660% | 1830 |
| 1.372723 | 0.728479 | 2.4653% | 1829 | 1.339695 | 0.746439 | 2.6804% | 1828 |
| 1.304723 | 0.766446 | 10.3427% | 1827 | 1.182429 | 0.845717 | -4.2314% | 1826 |
| 1.234673 | 0.809931 | 2.9150% | 1825 | 1.199701 | 0.833541 | 3.0026% | 1824 |
| 1.164730 | 0.858568 | 3.0955% | 1823 | 1.129758 | 0.885145 | 3.1944% | 1822 |
| 1.094786 | 0.913420 | 3.3102% | 1821 | 1.059708 | 0.943656 | 3.2277% | 1820 |
| 1.026573 | 0.974115 | 2.6573% | 1819 | 1.000000 | 1.000000 | 2.6261% | 1818 |
| 0.974411 | 1.026261 | 2.6969% | 1817 | 0.948822 | 1.053939 | 2.7717% | 1816 |
| 0.923233 | 1.083150 | 2.8507% | 1815 | 0.897644 | 1.114028 | 2.9343% | 1814 |
| 0.872055 | 1.146717 | 3.0231% | 1813 | 0.846466 | 1.181383 | 3.1039% | 1812 |
| 0.820983 | 1.218052 | 3.2172% | 1811 | 0.795394 | 1.257239 | 3.0969% | 1810 |
| 0.771501 | 1.296174 | 2.9144% | 1809 | 0.749653 | 1.333950 | 2.8225% | 1808 |
| 0.729076 | 1.371600 | 2.9199% | 1807 | 0.708391 | 1.411650 | 2.9918% | 1806 |
| 0.687813 | 1.453883 | 3.0841% | 1805 | 0.667235 | 1.498722 | 3.1822% | 1804 |
| 0.646657 | 1.546414 | 3.2868% | 1803 | 0.626080 | 1.597241 | 3.3985% | 1802 |
| 0.605502 | 1.651523 | 3.5180% | 1801 | 0.584924 | 1.709624 | 3.3999% | 1800 |
| 0.565691 | 1.767751 | 2.8419% | 1799 | 0.550059 | 1.817988 | 2.7485% | 1798 |
| 0.535345 | 1.867955 | 2.8261% | 1797 | 0.520631 | 1.920745 | 3.7832% | 1796 |
| 0.501653 | 1.993411 | 2.1272% | 1795 | 0.491204 | 2.035815 | 3.0879% | 1794 |
| 0.476490 | 2.098680 | 3.1625% | 1793 | 0.461883 | 2.165051 | 3.2904% | 1792 |
| 0.447169 | 2.236290 | 3.4024% | 1791 | 0.432455 | 2.312377 | 3.2296% | 1790 |
| 0.418926 | 2.387056 | 41.3145% | 1780 | 0.296450 | 3.373256 | 29.4353% | 1770 |
| 0.229033 | 4.366184 | 83.4728% | 1750 | 0.124832 | 8.010762 | 29.2845% | 1740 |
| 0.096556 | 10.356670 | 94.2514% | 1720 | 0.049707 | 20.117975 | 85.8111% | 1700 |
| 0.026751 | 37.381427 | 19.2490% | 1690 | 0.022433 | 44.576996 | 88.0250% | 1670 |
| 0.011931 | 83.815907 | | | | | | |

BASE YEAR: 1818

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 32.982859 | 0.030319 | 8.2857% | 2001 | 30.459120 | 0.032831 | 1.0000% |
| 2000 | 30.157542 | 0.033159 | 1.0000% | 1999 | 29.858952 | 0.033491 | 1.0000% |
| 1998 | 29.563319 | 0.033826 | 1.0000% | 1997 | 29.270613 | 0.034164 | 1.0000% |
| 1996 | 28.980805 | 0.034506 | 1.0000% | 1995 | 28.693866 | 0.034851 | 0.9992% |
| 1994 | 28.409987 | 0.035199 | 1.0008% | 1993 | 28.128483 | 0.035551 | 1.0000% |
| 1992 | 27.849984 | 0.035907 | 0.9295% | 1991 | 27.593500 | 0.036240 | 1.2505% |
| 1990 | 27.252701 | 0.036694 | 0.7224% | 1989 | 27.057227 | 0.036959 | 1.1077% |
| 1988 | 26.760805 | 0.037368 | 0.8834% | 1987 | 26.526480 | 0.037698 | 0.5594% |
| 1986 | 26.378925 | 0.037909 | 1.3056% | 1985 | 26.038954 | 0.038404 | 0.7673% |
| 1984 | 25.840683 | 0.038699 | 0.8149% | 1983 | 25.631798 | 0.039014 | 0.9737% |
| 1982 | 25.384615 | 0.039394 | 0.9508% | 1981 | 25.145530 | 0.039768 | 0.9031% |
| 1980 | 24.920482 | 0.040128 | 2.2701% | 1979 | 24.367327 | 0.041039 | 1.0042% |
| 1978 | 24.125068 | 0.041451 | 0.9896% | 1977 | 23.888664 | 0.041861 | 0.9103% |
| 1976 | 23.673159 | 0.042242 | 0.8394% | 1975 | 23.476091 | 0.042597 | 0.9042% |
| 1974 | 23.265729 | 0.042982 | 1.1568% | 1973 | 22.999672 | 0.043479 | 0.9427% |
| 1972 | 22.784878 | 0.043889 | 0.7426% | 1971 | 22.616917 | 0.044215 | 1.4697% |
| 1970 | 22.289322 | 0.044865 | 0.6968% | 1969 | 22.135080 | 0.045177 | 0.8565% |
| 1968 | 21.947095 | 0.045564 | 1.5090% | 1967 | 21.620828 | 0.046252 | 0.9949% |
| 1966 | 21.407840 | 0.046712 | 1.0575% | 1965 | 21.183828 | 0.047206 | 1.1300% |
| 1964 | 20.947122 | 0.047739 | 1.5537% | 1963 | 20.626655 | 0.048481 | 1.4658% |
| 1962 | 20.328674 | 0.049192 | 1.5364% | 1961 | 20.021064 | 0.049947 | 2.1586% |
| 1960 | 19.598013 | 0.051026 | -1.6655% | 1959 | 19.929943 | 0.050176 | 4.3080% |
| 1958 | 19.106822 | 0.052337 | 2.1130% | 1957 | 18.711456 | 0.053443 | 1.9895% |
| 1956 | 18.346455 | 0.054506 | 2.1231% | 1955 | 17.965040 | 0.055664 | 1.4496% |
| 1954 | 17.708338 | 0.056471 | 2.1573% | 1953 | 17.334391 | 0.057689 | 1.2298% |
| 1952 | 17.123810 | 0.058398 | 1.6814% | 1951 | 16.840655 | 0.059380 | 1.6233% |
| 1950 | 16.571652 | 0.060344 | 1.4265% | 1949 | 16.338576 | 0.061205 | 1.7790% |
| 1948 | 16.052987 | 0.062294 | 1.8242% | 1947 | 15.765401 | 0.063430 | -2.6320% |
| 1946 | 16.191569 | 0.061761 | 3.1768% | 1945 | 15.693033 | 0.063723 | 6.4754% |
| 1944 | 14.738644 | 0.067849 | -0.3437% | 1943 | 14.789472 | 0.067616 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 14.693053 | 0.068059 | 0.6633% | 1941 | 14.596236 | 0.068511 | -5.6614% |
| 1940 | 15.472182 | 0.064632 | 8.0381% | 1939 | 14.321042 | 0.069827 | 0.8126% |
| 1938 | 14.205602 | 0.070395 | 0.7762% | 1937 | 14.096181 | 0.070941 | 0.6029% |
| 1936 | 14.011708 | 0.071369 | 0.5244% | 1935 | 13.938615 | 0.071743 | -3.0364% |
| 1934 | 14.375096 | 0.069565 | 4.6271% | 1933 | 13.739359 | 0.072784 | 1.3921% |
| 1932 | 13.550717 | 0.073797 | -0.2051% | 1931 | 13.578564 | 0.073645 | 0.8886% |
| 1930 | 13.458968 | 0.074300 | 1.0126% | 1929 | 13.324051 | 0.075052 | 1.1526% |
| 1928 | 13.172229 | 0.075917 | 1.2160% | 1927 | 13.013979 | 0.076840 | 1.4086% |
| 1926 | 12.833212 | 0.077923 | 1.7667% | 1925 | 12.610426 | 0.079299 | 1.4465% |
| 1924 | 12.430616 | 0.080447 | 1.7700% | 1923 | 12.214424 | 0.081870 | 1.6165% |
| 1922 | 12.020117 | 0.083194 | 1.3736% | 1921 | 11.857241 | 0.084337 | 2.3393% |
| 1920 | 11.586203 | 0.086310 | 1.3140% | 1919 | 11.435934 | 0.087444 | 0.7676% |
| 1918 | 11.348816 | 0.088115 | 0.3870% | 1917 | 11.305066 | 0.088456 | 1.3274% |
| 1916 | 11.156965 | 0.089630 | 1.4083% | 1915 | 11.002024 | 0.090892 | 1.4458% |
| 1914 | 10.845224 | 0.092206 | 1.9424% | 1913 | 10.638582 | 0.093997 | 1.9857% |
| 1912 | 10.431448 | 0.095864 | 1.5634% | 1911 | 10.270872 | 0.097363 | 1.8169% |
| 1910 | 10.087589 | 0.099132 | 1.8781% | 1909 | 9.901630 | 0.100993 | 2.0082% |
| 1908 | 9.706697 | 0.103022 | 1.9603% | 1907 | 9.520079 | 0.105041 | 1.8264% |
| 1906 | 9.349327 | 0.106960 | 1.9357% | 1905 | 9.171791 | 0.109030 | 2.0148% |
| 1904 | 8.990644 | 0.111227 | 2.1335% | 1903 | 8.802834 | 0.113600 | 1.8151% |
| 1902 | 8.645898 | 0.115662 | 1.8943% | 1901 | 8.485159 | 0.117853 | 3.0255% |
| 1900 | 8.235980 | 0.121418 | 0.6278% | 1899 | 8.184594 | 0.122181 | 1.7757% |
| 1898 | 8.041799 | 0.124350 | 1.8078% | 1897 | 7.899004 | 0.126598 | 1.8396% |
| 1896 | 7.756319 | 0.128927 | 1.8755% | 1895 | 7.613524 | 0.131345 | 1.9114% |
| 1894 | 7.470730 | 0.133856 | 1.9486% | 1893 | 7.327935 | 0.136464 | 1.9858% |
| 1892 | 7.185250 | 0.139174 | 2.0276% | 1891 | 7.042455 | 0.141996 | 2.6465% |
| 1890 | 6.860881 | 0.145754 | 1.5328% | 1889 | 6.757304 | 0.147988 | 2.0811% |
| 1888 | 6.619543 | 0.151068 | 2.1599% | 1887 | 6.479593 | 0.154331 | 2.2075% |
| 1886 | 6.339643 | 0.157738 | 2.2592% | 1885 | 6.199584 | 0.161301 | 2.3095% |
| 1884 | 6.059635 | 0.165026 | 2.3641% | 1883 | 5.919685 | 0.168928 | 2.4214% |
| 1882 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.779735 | 0.173018 | 2.4815% | 1881 | 5.639786 | 0.177312 | 3.7644% | 1880 |
| 5.435184 | 0.183986 | 0.9432% | 1879 | 5.384397 | 0.185722 | 2.1464% | 1878 |
| 5.271255 | 0.189708 | 2.1913% | 1877 | 5.158223 | 0.193865 | 2.2426% | 1876 |
| 5.045082 | 0.198213 | 2.2941% | 1875 | 4.931940 | 0.202760 | 2.3456% | 1874 |
| 4.818908 | 0.207516 | 2.4043% | 1873 | 4.705766 | 0.212505 | 2.4635% | 1872 |
| 4.592625 | 0.217740 | 2.5258% | 1871 | 4.479484 | 0.223240 | 5.9947% | 1870 |
| 4.226140 | 0.236623 | -1.0968% | 1869 | 4.273006 | 0.234027 | 2.1930% | 1868 |
| 4.181311 | 0.239159 | 2.2394% | 1867 | 4.089725 | 0.244515 | 2.2935% | 1866 |
| 3.998030 | 0.250123 | 2.3445% | 1865 | 3.906445 | 0.255987 | 2.4037% | 1864 |
| 3.814750 | 0.262140 | 2.4599% | 1863 | 3.723164 | 0.268589 | 2.5250% | 1862 |
| 3.631470 | 0.275371 | 2.5872% | 1861 | 3.539884 | 0.282495 | 2.9504% | 1860 |
| 3.438436 | 0.290830 | 2.4012% | 1859 | 3.357807 | 0.297813 | 2.7627% | 1858 |
| 3.267535 | 0.306041 | 2.8412% | 1857 | 3.177262 | 0.314736 | 2.9243% | 1856 |
| 3.086990 | 0.323940 | 3.0161% | 1855 | 2.996608 | 0.333711 | 3.1061% | 1854 |
| 2.906335 | 0.344076 | 3.2056% | 1853 | 2.816063 | 0.355106 | 3.3118% | 1852 |
| 2.725791 | 0.366866 | 3.4252% | 1851 | 2.635518 | 0.379432 | 4.0106% | 1850 |
| 2.533894 | 0.394650 | 2.3254% | 1849 | 2.476310 | 0.403827 | 2.7841% | 1848 |
| 2.409235 | 0.415069 | 2.8590% | 1847 | 2.342269 | 0.426936 | 2.9432% | 1846 |
| 2.275304 | 0.439502 | 3.0324% | 1845 | 2.208338 | 0.452829 | 3.1325% | 1844 |
| 2.141263 | 0.467014 | 3.2284% | 1843 | 2.074297 | 0.482091 | 3.3361% | 1842 |
| 2.007331 | 0.498174 | 3.4512% | 1841 | 1.940365 | 0.515367 | 3.8105% | 1840 |
| 1.869142 | 0.535005 | 2.3861% | 1839 | 1.825583 | 0.547770 | 2.5824% | 1838 |
| 1.779626 | 0.561916 | 2.6573% | 1837 | 1.733559 | 0.576848 | 2.7232% | 1836 |
| 1.687603 | 0.592557 | 2.7994% | 1835 | 1.641646 | 0.609145 | 2.8871% | 1834 |
| 1.595579 | 0.626732 | 2.9657% | 1833 | 1.549622 | 0.645318 | 3.0563% | 1832 |
| 1.503666 | 0.665041 | 3.1604% | 1831 | 1.457599 | 0.686060 | 3.4660% | 1830 |
| 1.408772 | 0.709838 | 2.4653% | 1829 | 1.374877 | 0.727338 | 2.6804% | 1828 |
| 1.338987 | 0.746833 | 10.3427% | 1827 | 1.213481 | 0.824076 | -4.2314% | 1826 |
| 1.267097 | 0.789206 | 2.9150% | 1825 | 1.231207 | 0.812211 | 3.0026% | 1824 |
| 1.195317 | 0.836598 | 3.0955% | 1823 | 1.159427 | 0.862495 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.123536 | 0.890047 | 3.3102% | 1821 | 1.087537 | 0.919509 | 3.2277% | 1820 |
| 1.053532 | 0.949188 | 2.6573% | 1819 | 1.026261 | 0.974411 | 2.6261% | 1818 |
| 1.000000 | 1.000000 | 2.6969% | 1817 | 0.973739 | 1.026969 | 2.7717% | 1816 |
| 0.947478 | 1.055434 | 2.8507% | 1815 | 0.921217 | 1.085521 | 2.9343% | 1814 |
| 0.894956 | 1.117374 | 3.0231% | 1813 | 0.868695 | 1.151153 | 3.1039% | 1812 |
| 0.842543 | 1.186883 | 3.2172% | 1811 | 0.816282 | 1.225067 | 3.0969% | 1810 |
| 0.791762 | 1.263006 | 2.9144% | 1809 | 0.769340 | 1.299815 | 2.8225% | 1808 |
| 0.748222 | 1.336502 | 2.9199% | 1807 | 0.726994 | 1.375527 | 2.9918% | 1806 |
| 0.705876 | 1.416680 | 3.0841% | 1805 | 0.684758 | 1.460371 | 3.1822% | 1804 |
| 0.663639 | 1.506843 | 3.2868% | 1803 | 0.642521 | 1.556369 | 3.3985% | 1802 |
| 0.621403 | 1.609262 | 3.5180% | 1801 | 0.600284 | 1.665877 | 3.3999% | 1800 |
| 0.580546 | 1.722516 | 2.8419% | 1799 | 0.564504 | 1.771467 | 2.7485% | 1798 |
| 0.549404 | 1.820155 | 2.8261% | 1797 | 0.534304 | 1.871595 | 3.7832% | 1796 |
| 0.514827 | 1.942402 | 2.1272% | 1795 | 0.504103 | 1.983720 | 3.0879% | 1794 |
| 0.489003 | 2.044977 | 3.1625% | 1793 | 0.474012 | 2.109649 | 3.2904% | 1792 |
| 0.458912 | 2.179065 | 3.4024% | 1791 | 0.443812 | 2.253205 | 3.2296% | 1790 |
| 0.429927 | 2.325974 | 41.3145% | 1780 | 0.304235 | 3.286937 | 29.4353% | 1770 |
| 0.235048 | 4.254457 | 83.4728% | 1750 | 0.128110 | 7.805774 | 29.2845% | 1740 |
| 0.099092 | 10.091652 | 94.2514% | 1720 | 0.051012 | 19.603175 | 85.8111% | 1700 |
| 0.027454 | 36.424870 | 19.2490% | 1690 | 0.023022 | 43.436312 | 88.0250% | 1670 |
| 0.012244 | 81.671135 | | | | | | |

BASE YEAR: 1817

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 33.872384 | 0.029523 | 8.2857% | 2001 | 31.280582 | 0.031969 | 1.0000% |
| 2000 | 30.970870 | 0.032288 | 1.0000% | 1999 | 30.664228 | 0.032611 | 1.0000% |
| 1998 | 30.360621 | 0.032937 | 1.0000% | 1997 | 30.060021 | 0.033267 | 1.0000% |
| 1996 | 29.762397 | 0.033599 | 1.0000% | 1995 | 29.467720 | 0.033935 | 0.9992% |
| 1994 | 29.176185 | 0.034275 | 1.0008% | 1993 | 28.887090 | 0.034618 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 28.601079 | 0.034964 | 0.9295% | 1991 | 28.337678 | 0.035289 | 1.2505% |
| 1990 | 27.987688 | 0.035730 | 0.7224% | 1989 | 27.786942 | 0.035988 | 1.1077% |
| 1988 | 27.482526 | 0.036387 | 0.8834% | 1987 | 27.241881 | 0.036708 | 0.5594% |
| 1986 | 27.090347 | 0.036914 | 1.3056% | 1985 | 26.741207 | 0.037395 | 0.7673% |
| 1984 | 26.537588 | 0.037682 | 0.8149% | 1983 | 26.323070 | 0.037989 | 0.9737% |
| 1982 | 26.069221 | 0.038359 | 0.9508% | 1981 | 25.823688 | 0.038724 | 0.9031% |
| 1980 | 25.592570 | 0.039074 | 2.2701% | 1979 | 25.024497 | 0.039961 | 1.0042% |
| 1978 | 24.775705 | 0.040362 | 0.9896% | 1977 | 24.532925 | 0.040762 | 0.9103% |
| 1976 | 24.311608 | 0.041133 | 0.8394% | 1975 | 24.109226 | 0.041478 | 0.9042% |
| 1974 | 23.893190 | 0.041853 | 1.1568% | 1973 | 23.619957 | 0.042337 | 0.9427% |
| 1972 | 23.399371 | 0.042736 | 0.7426% | 1971 | 23.226879 | 0.043054 | 1.4697% |
| 1970 | 22.890450 | 0.043686 | 0.6968% | 1969 | 22.732049 | 0.043991 | 0.8565% |
| 1968 | 22.538993 | 0.044368 | 1.5090% | 1967 | 22.203927 | 0.045037 | 0.9949% |
| 1966 | 21.985195 | 0.045485 | 1.0575% | 1965 | 21.755141 | 0.045966 | 1.1300% |
| 1964 | 21.512052 | 0.046486 | 1.5537% | 1963 | 21.182942 | 0.047208 | 1.4658% |
| 1962 | 20.876924 | 0.047900 | 1.5364% | 1961 | 20.561018 | 0.048636 | 2.1586% |
| 1960 | 20.126558 | 0.049686 | -1.6655% | 1959 | 20.467440 | 0.048858 | 4.3080% |
| 1958 | 19.622120 | 0.050963 | 2.1130% | 1957 | 19.216092 | 0.052040 | 1.9895% |
| 1956 | 18.841246 | 0.053075 | 2.1231% | 1955 | 18.449545 | 0.054202 | 1.4496% |
| 1954 | 18.185920 | 0.054988 | 2.1573% | 1953 | 17.801888 | 0.056174 | 1.2298% |
| 1952 | 17.585628 | 0.056865 | 1.6814% | 1951 | 17.294836 | 0.057821 | 1.6233% |
| 1950 | 17.018578 | 0.058759 | 1.4265% | 1949 | 16.779217 | 0.059598 | 1.7790% |
| 1948 | 16.485925 | 0.060658 | 1.8242% | 1947 | 16.190583 | 0.061764 | -2.6320% |
| 1946 | 16.628245 | 0.060139 | 3.1768% | 1945 | 16.116263 | 0.062049 | 6.4754% |
| 1944 | 15.136135 | 0.066067 | -0.3437% | 1943 | 15.188334 | 0.065840 | 0.6562% |
| 1942 | 15.089314 | 0.066272 | 0.6633% | 1941 | 14.989887 | 0.066712 | -5.6614% |
| 1940 | 15.889457 | 0.062935 | 8.0381% | 1939 | 14.707270 | 0.067994 | 0.8126% |
| 1938 | 14.588718 | 0.068546 | 0.7762% | 1937 | 14.476346 | 0.069078 | 0.6029% |
| 1936 | 14.389594 | 0.069495 | 0.5244% | 1935 | 14.314530 | 0.069859 | -3.0364% |
| 1934 | 14.762782 | 0.067738 | 4.6271% | 1933 | 14.109900 | 0.070872 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 13.916170 | 0.071859 | -0.2051% | 1931 | 13.944769 | 0.071711 | 0.8886% |
| 1930 | 13.821948 | 0.072349 | 1.0126% | 1929 | 13.683391 | 0.073081 | 1.1526% |
| 1928 | 13.527475 | 0.073924 | 1.2160% | 1927 | 13.364957 | 0.074823 | 1.4086% |
| 1926 | 13.179315 | 0.075876 | 1.7667% | 1925 | 12.950520 | 0.077217 | 1.4465% |
| 1924 | 12.765862 | 0.078334 | 1.7700% | 1923 | 12.543839 | 0.079720 | 1.6165% |
| 1922 | 12.344291 | 0.081009 | 1.3736% | 1921 | 12.177022 | 0.082122 | 2.3393% |
| 1920 | 11.898675 | 0.084043 | 1.3140% | 1919 | 11.744353 | 0.085147 | 0.7676% |
| 1918 | 11.654885 | 0.085801 | 0.3870% | 1917 | 11.609956 | 0.086133 | 1.3274% |
| 1916 | 11.457860 | 0.087276 | 1.4083% | 1915 | 11.298741 | 0.088505 | 1.4458% |
| 1914 | 11.137712 | 0.089785 | 1.9424% | 1913 | 10.925497 | 0.091529 | 1.9857% |
| 1912 | 10.712777 | 0.093346 | 1.5634% | 1911 | 10.547871 | 0.094806 | 1.8169% |
| 1910 | 10.359644 | 0.096528 | 1.8781% | 1909 | 10.168671 | 0.098341 | 2.0082% |
| 1908 | 9.968480 | 0.100316 | 1.9603% | 1907 | 9.776829 | 0.102283 | 1.8264% |
| 1906 | 9.601472 | 0.104151 | 1.9357% | 1905 | 9.419148 | 0.106167 | 2.0148% |
| 1904 | 9.233116 | 0.108306 | 2.1335% | 1903 | 9.040240 | 0.110617 | 1.8151% |
| 1902 | 8.879072 | 0.112624 | 1.8943% | 1901 | 8.713998 | 0.114758 | 3.0255% |
| 1900 | 8.458098 | 0.118230 | 0.6278% | 1899 | 8.405326 | 0.118972 | 1.7757% |
| 1898 | 8.258681 | 0.121085 | 1.8078% | 1897 | 8.112035 | 0.123274 | 1.8396% |
| 1896 | 7.965502 | 0.125541 | 1.8755% | 1895 | 7.818856 | 0.127896 | 1.9114% |
| 1894 | 7.672210 | 0.130341 | 1.9486% | 1893 | 7.525565 | 0.132880 | 1.9858% |
| 1892 | 7.379031 | 0.135519 | 2.0276% | 1891 | 7.232386 | 0.138267 | 2.6465% |
| 1890 | 7.045914 | 0.141926 | 1.5328% | 1889 | 6.939544 | 0.144102 | 2.0811% |
| 1888 | 6.798067 | 0.147101 | 2.1599% | 1887 | 6.654343 | 0.150278 | 2.2075% |
| 1886 | 6.510619 | 0.153595 | 2.2592% | 1885 | 6.366783 | 0.157065 | 2.3095% |
| 1884 | 6.223059 | 0.160693 | 2.3641% | 1883 | 6.079335 | 0.164492 | 2.4214% |
| 1882 | 5.935611 | 0.168475 | 2.4815% | 1881 | 5.791887 | 0.172655 | 3.7644% |
| 1880 | 5.581767 | 0.179155 | 0.9432% | 1879 | 5.529610 | 0.180845 | 2.1464% |
| 1878 | 5.413417 | 0.184726 | 2.1913% | 1877 | 5.297337 | 0.188774 | 2.2426% |
| 1876 | 5.181144 | 0.193008 | 2.2941% | 1875 | 5.064951 | 0.197435 | 2.3456% |
| 1874 | 4.948871 | 0.202066 | 2.4043% | 1873 | 4.832678 | 0.206925 | 2.4635% |
| 1872 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.716485 | 0.212022 | 2.5258% | 1871 | 4.600292 | 0.217377 | 5.9947% | 1870 |
| 4.340116 | 0.230409 | -1.0968% | 1869 | 4.388246 | 0.227881 | 2.1930% | 1868 |
| 4.294078 | 0.232879 | 2.2394% | 1867 | 4.200022 | 0.238094 | 2.2935% | 1866 |
| 4.105855 | 0.243555 | 2.3445% | 1865 | 4.011799 | 0.249265 | 2.4037% | 1864 |
| 3.917631 | 0.255256 | 2.4599% | 1863 | 3.823576 | 0.261535 | 2.5250% | 1862 |
| 3.729408 | 0.268139 | 2.5872% | 1861 | 3.635352 | 0.275077 | 2.9504% | 1860 |
| 3.531168 | 0.283192 | 2.4012% | 1859 | 3.448365 | 0.289993 | 2.7627% | 1858 |
| 3.355658 | 0.298004 | 2.8412% | 1857 | 3.262951 | 0.306471 | 2.9243% | 1856 |
| 3.170244 | 0.315433 | 3.0161% | 1855 | 3.077424 | 0.324947 | 3.1061% | 1854 |
| 2.984717 | 0.335040 | 3.2056% | 1853 | 2.892010 | 0.345780 | 3.3118% | 1852 |
| 2.799303 | 0.357232 | 3.4252% | 1851 | 2.706596 | 0.369468 | 4.0106% | 1850 |
| 2.602231 | 0.384286 | 2.3254% | 1849 | 2.543095 | 0.393222 | 2.7841% | 1848 |
| 2.474211 | 0.404169 | 2.8590% | 1847 | 2.405439 | 0.415725 | 2.9432% | 1846 |
| 2.336667 | 0.427960 | 3.0324% | 1845 | 2.267895 | 0.440937 | 3.1325% | 1844 |
| 2.199011 | 0.454750 | 3.2284% | 1843 | 2.130239 | 0.469431 | 3.3361% | 1842 |
| 2.061468 | 0.485091 | 3.4512% | 1841 | 1.992696 | 0.501833 | 3.8105% | 1840 |
| 1.919552 | 0.520955 | 2.3861% | 1839 | 1.874817 | 0.533385 | 2.5824% | 1838 |
| 1.827621 | 0.547159 | 2.6573% | 1837 | 1.780312 | 0.561699 | 2.7232% | 1836 |
| 1.733116 | 0.576995 | 2.7994% | 1835 | 1.685920 | 0.593148 | 2.8871% | 1834 |
| 1.638611 | 0.610273 | 2.9657% | 1833 | 1.591415 | 0.628372 | 3.0563% | 1832 |
| 1.544218 | 0.647577 | 3.1604% | 1831 | 1.496910 | 0.668043 | 3.4660% | 1830 |
| 1.446765 | 0.691197 | 2.4653% | 1829 | 1.411956 | 0.708237 | 2.6804% | 1828 |
| 1.375098 | 0.727221 | 10.3427% | 1827 | 1.246207 | 0.802435 | -4.2314% | 1826 |
| 1.301270 | 0.768480 | 2.9150% | 1825 | 1.264412 | 0.790882 | 3.0026% | 1824 |
| 1.227554 | 0.814628 | 3.0955% | 1823 | 1.190696 | 0.839845 | 3.1944% | 1822 |
| 1.153838 | 0.866673 | 3.3102% | 1821 | 1.116867 | 0.895362 | 3.2277% | 1820 |
| 1.081945 | 0.924262 | 2.6573% | 1819 | 1.053939 | 0.948822 | 2.6261% | 1818 |
| 1.026969 | 0.973739 | 2.6969% | 1817 | 1.000000 | 1.000000 | 2.7717% | 1816 |
| 0.973031 | 1.027717 | 2.8507% | 1815 | 0.946061 | 1.057014 | 2.9343% | 1814 |
| 0.919092 | 1.088030 | 3.0231% | 1813 | 0.892123 | 1.120922 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.865266 | 1.155714 | 3.2172% | 1811 | 0.838296 | 1.192895 | 3.0969% | 1810 |
| 0.813115 | 1.229838 | 2.9144% | 1809 | 0.790089 | 1.265681 | 2.8225% | 1808 |
| 0.768401 | 1.301404 | 2.9199% | 1807 | 0.746601 | 1.339404 | 2.9918% | 1806 |
| 0.724913 | 1.379476 | 3.0841% | 1805 | 0.703225 | 1.422020 | 3.1822% | 1804 |
| 0.681537 | 1.467271 | 3.2868% | 1803 | 0.659849 | 1.515497 | 3.3985% | 1802 |
| 0.638162 | 1.567001 | 3.5180% | 1801 | 0.616474 | 1.622129 | 3.3999% | 1800 |
| 0.596203 | 1.677281 | 2.8419% | 1799 | 0.579728 | 1.724947 | 2.7485% | 1798 |
| 0.564221 | 1.772356 | 2.8261% | 1797 | 0.548713 | 1.822445 | 3.7832% | 1796 |
| 0.528711 | 1.891392 | 2.1272% | 1795 | 0.517699 | 1.931626 | 3.0879% | 1794 |
| 0.502191 | 1.991273 | 3.1625% | 1793 | 0.486796 | 2.054247 | 3.2904% | 1792 |
| 0.471289 | 2.121841 | 3.4024% | 1791 | 0.455782 | 2.194034 | 3.2296% | 1790 |
| 0.441522 | 2.264891 | 41.3145% | 1780 | 0.312440 | 3.200619 | 29.4353% | 1770 |
| 0.241387 | 4.142731 | 83.4728% | 1750 | 0.131565 | 7.600786 | 29.2845% | 1740 |
| 0.101764 | 9.826634 | 94.2514% | 1720 | 0.052388 | 19.088374 | 85.8111% | 1700 |
| 0.028194 | 35.468314 | 19.2490% | 1690 | 0.023643 | 42.295627 | 88.0250% | 1670 |
| 0.012574 | 79.526363 | | | | | | |

BASE YEAR: 1816

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 34.811219 | 0.028726 | 8.2857% | 2001 | 32.147580 | 0.031107 | 1.0000% |
| 2000 | 31.829284 | 0.031418 | 1.0000% | 1999 | 31.514143 | 0.031732 | 1.0000% |
| 1998 | 31.202121 | 0.032049 | 1.0000% | 1997 | 30.893190 | 0.032370 | 1.0000% |
| 1996 | 30.587316 | 0.032693 | 1.0000% | 1995 | 30.284472 | 0.033020 | 0.9992% |
| 1994 | 29.984856 | 0.033350 | 1.0008% | 1993 | 29.687748 | 0.033684 | 1.0000% |
| 1992 | 29.393810 | 0.034021 | 0.9295% | 1991 | 29.123109 | 0.034337 | 1.2505% |
| 1990 | 28.763418 | 0.034766 | 0.7224% | 1989 | 28.557108 | 0.035018 | 1.1077% |
| 1988 | 28.244255 | 0.035405 | 0.8834% | 1987 | 27.996940 | 0.035718 | 0.5594% |
| 1986 | 27.841206 | 0.035918 | 1.3056% | 1985 | 27.482388 | 0.036387 | 0.7673% |
| 1984 | 27.273126 | 0.036666 | 0.8149% | 1983 | 27.052662 | 0.036965 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 26.791777 | 0.037325 | 0.9508% | 1981 | 26.539439 | 0.037680 | 0.9031% |
| 1980 | 26.301915 | 0.038020 | 2.2701% | 1979 | 25.718097 | 0.038883 | 1.0042% |
| 1978 | 25.462409 | 0.039274 | 0.9896% | 1977 | 25.212900 | 0.039662 | 0.9103% |
| 1976 | 24.985449 | 0.040023 | 0.8394% | 1975 | 24.777457 | 0.040359 | 0.9042% |
| 1974 | 24.555434 | 0.040724 | 1.1568% | 1973 | 24.274628 | 0.041195 | 0.9427% |
| 1972 | 24.047927 | 0.041584 | 0.7426% | 1971 | 23.870655 | 0.041892 | 1.4697% |
| 1970 | 23.524901 | 0.042508 | 0.6968% | 1969 | 23.362109 | 0.042804 | 0.8565% |
| 1968 | 23.163703 | 0.043171 | 1.5090% | 1967 | 22.819350 | 0.043822 | 0.9949% |
| 1966 | 22.594555 | 0.044258 | 1.0575% | 1965 | 22.358124 | 0.044726 | 1.1300% |
| 1964 | 22.108298 | 0.045232 | 1.5537% | 1963 | 21.770066 | 0.045935 | 1.4658% |
| 1962 | 21.455566 | 0.046608 | 1.5364% | 1961 | 21.130904 | 0.047324 | 2.1586% |
| 1960 | 20.684403 | 0.048346 | -1.6655% | 1959 | 21.034733 | 0.047540 | 4.3080% |
| 1958 | 20.165983 | 0.049588 | 2.1130% | 1957 | 19.748701 | 0.050636 | 1.9895% |
| 1956 | 19.363466 | 0.051644 | 2.1231% | 1955 | 18.960908 | 0.052740 | 1.4496% |
| 1954 | 18.689976 | 0.053505 | 2.1573% | 1953 | 18.295300 | 0.054659 | 1.2298% |
| 1952 | 18.073045 | 0.055331 | 1.6814% | 1951 | 17.774194 | 0.056261 | 1.6233% |
| 1950 | 17.490279 | 0.057175 | 1.4265% | 1949 | 17.244283 | 0.057990 | 1.7790% |
| 1948 | 16.942863 | 0.059022 | 1.8242% | 1947 | 16.639335 | 0.060099 | -2.6320% |
| 1946 | 17.089127 | 0.058517 | 3.1768% | 1945 | 16.562955 | 0.060376 | 6.4754% |
| 1944 | 15.555661 | 0.064285 | -0.3437% | 1943 | 15.609306 | 0.064064 | 0.6562% |
| 1942 | 15.507542 | 0.064485 | 0.6633% | 1941 | 15.405359 | 0.064912 | -5.6614% |
| 1940 | 16.329862 | 0.061238 | 8.0381% | 1939 | 15.114909 | 0.066160 | 0.8126% |
| 1938 | 14.993071 | 0.066697 | 0.7762% | 1937 | 14.877584 | 0.067215 | 0.6029% |
| 1936 | 14.788428 | 0.067620 | 0.5244% | 1935 | 14.711283 | 0.067975 | -3.0364% |
| 1934 | 15.171960 | 0.065911 | 4.6271% | 1933 | 14.500982 | 0.068961 | 1.3921% |
| 1932 | 14.301882 | 0.069921 | -0.2051% | 1931 | 14.331274 | 0.069777 | 0.8886% |
| 1930 | 14.205048 | 0.070398 | 1.0126% | 1929 | 14.062652 | 0.071110 | 1.1526% |
| 1928 | 13.902414 | 0.071930 | 1.2160% | 1927 | 13.735391 | 0.072805 | 1.4086% |
| 1926 | 13.544604 | 0.073830 | 1.7667% | 1925 | 13.309468 | 0.075134 | 1.4465% |
| 1924 | 13.119691 | 0.076221 | 1.7700% | 1923 | 12.891515 | 0.077570 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 12.686436 | 0.078824 | 1.3736% | 1921 | 12.514531 | 0.079907 | 2.3393% |
| 1920 | 12.228469 | 0.081776 | 1.3140% | 1919 | 12.069869 | 0.082851 | 0.7676% |
| 1918 | 11.977922 | 0.083487 | 0.3870% | 1917 | 11.931747 | 0.083810 | 1.3274% |
| 1916 | 11.775436 | 0.084923 | 1.4083% | 1915 | 11.611907 | 0.086119 | 1.4458% |
| 1914 | 11.446414 | 0.087364 | 1.9424% | 1913 | 11.228317 | 0.089061 | 1.9857% |
| 1912 | 11.009701 | 0.090829 | 1.5634% | 1911 | 10.840224 | 0.092249 | 1.8169% |
| 1910 | 10.646781 | 0.093925 | 1.8781% | 1909 | 10.450514 | 0.095689 | 2.0082% |
| 1908 | 10.244774 | 0.097611 | 1.9603% | 1907 | 10.047812 | 0.099524 | 1.8264% |
| 1906 | 9.867594 | 0.101342 | 1.9357% | 1905 | 9.680217 | 0.103303 | 2.0148% |
| 1904 | 9.489029 | 0.105385 | 2.1335% | 1903 | 9.290807 | 0.107633 | 1.8151% |
| 1902 | 9.125171 | 0.109587 | 1.8943% | 1901 | 8.955523 | 0.111663 | 3.0255% |
| 1900 | 8.692530 | 0.115041 | 0.6278% | 1899 | 8.638295 | 0.115764 | 1.7757% |
| 1898 | 8.487585 | 0.117819 | 1.8078% | 1897 | 8.336875 | 0.119949 | 1.8396% |
| 1896 | 8.186280 | 0.122156 | 1.8755% | 1895 | 8.035570 | 0.124447 | 1.9114% |
| 1894 | 7.884860 | 0.126825 | 1.9486% | 1893 | 7.734149 | 0.129297 | 1.9858% |
| 1892 | 7.583555 | 0.131864 | 2.0276% | 1891 | 7.432844 | 0.134538 | 2.6465% |
| 1890 | 7.241205 | 0.138099 | 1.5328% | 1889 | 7.131886 | 0.140215 | 2.0811% |
| 1888 | 6.986488 | 0.143133 | 2.1599% | 1887 | 6.838780 | 0.146225 | 2.2075% |
| 1886 | 6.691073 | 0.149453 | 2.2592% | 1885 | 6.543250 | 0.152829 | 2.3095% |
| 1884 | 6.395542 | 0.156359 | 2.3641% | 1883 | 6.247835 | 0.160055 | 2.4214% |
| 1882 | 6.100127 | 0.163931 | 2.4815% | 1881 | 5.952419 | 0.167999 | 3.7644% |
| 1880 | 5.736476 | 0.174323 | 0.9432% | 1879 | 5.682873 | 0.175967 | 2.1464% |
| 1878 | 5.563460 | 0.179744 | 2.1913% | 1877 | 5.444162 | 0.183683 | 2.2426% |
| 1876 | 5.324749 | 0.187802 | 2.2941% | 1875 | 5.205335 | 0.192111 | 2.3456% |
| 1874 | 5.086038 | 0.196617 | 2.4043% | 1873 | 4.966624 | 0.201344 | 2.4635% |
| 1872 | 4.847211 | 0.206304 | 2.5258% | 1871 | 4.727798 | 0.211515 | 5.9947% |
| 1870 | 4.460411 | 0.224195 | -1.0968% | 1869 | 4.509874 | 0.221736 | 2.1930% |
| 1868 | 4.413096 | 0.226598 | 2.2394% | 1867 | 4.316434 | 0.231673 | 2.2935% |
| 1866 | 4.219656 | 0.236986 | 2.3445% | 1865 | 4.122993 | 0.242542 | 2.4037% |
| 1864 | 4.026215 | 0.248372 | 2.4599% | 1863 | 3.929553 | 0.254482 | 2.5250% |
| 1862 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.832775 | 0.260908 | 2.5872% | 1861 | 3.736113 | 0.267658 | 2.9504% | 1860 |
| 3.629041 | 0.275555 | 2.4012% | 1859 | 3.543943 | 0.282172 | 2.7627% | 1858 |
| 3.448666 | 0.289967 | 2.8412% | 1857 | 3.353390 | 0.298206 | 2.9243% | 1856 |
| 3.258113 | 0.306926 | 3.0161% | 1855 | 3.162721 | 0.316183 | 3.1061% | 1854 |
| 3.067444 | 0.326004 | 3.2056% | 1853 | 2.972168 | 0.336455 | 3.3118% | 1852 |
| 2.876891 | 0.347597 | 3.4252% | 1851 | 2.781615 | 0.359503 | 4.0106% | 1850 |
| 2.674357 | 0.373922 | 2.3254% | 1849 | 2.613581 | 0.382617 | 2.7841% | 1848 |
| 2.542788 | 0.393269 | 2.8590% | 1847 | 2.472110 | 0.404513 | 2.9432% | 1846 |
| 2.401432 | 0.416418 | 3.0324% | 1845 | 2.330754 | 0.429046 | 3.1325% | 1844 |
| 2.259961 | 0.442486 | 3.2284% | 1843 | 2.189283 | 0.456771 | 3.3361% | 1842 |
| 2.118605 | 0.472009 | 3.4512% | 1841 | 2.047927 | 0.488299 | 3.8105% | 1840 |
| 1.972755 | 0.506905 | 2.3861% | 1839 | 1.926781 | 0.519000 | 2.5824% | 1838 |
| 1.878277 | 0.532403 | 2.6573% | 1837 | 1.829657 | 0.546551 | 2.7232% | 1836 |
| 1.781153 | 0.561434 | 2.7994% | 1835 | 1.732648 | 0.577151 | 2.8871% | 1834 |
| 1.684028 | 0.593814 | 2.9657% | 1833 | 1.635524 | 0.611425 | 3.0563% | 1832 |
| 1.587019 | 0.630112 | 3.1604% | 1831 | 1.538399 | 0.650026 | 3.4660% | 1830 |
| 1.486865 | 0.672556 | 2.4653% | 1829 | 1.451091 | 0.689136 | 2.6804% | 1828 |
| 1.413212 | 0.707608 | 10.3427% | 1827 | 1.280748 | 0.780794 | -4.2314% | 1826 |
| 1.337337 | 0.747755 | 2.9150% | 1825 | 1.299457 | 0.769552 | 3.0026% | 1824 |
| 1.261578 | 0.792658 | 3.0955% | 1823 | 1.223698 | 0.817195 | 3.1944% | 1822 |
| 1.185818 | 0.843300 | 3.3102% | 1821 | 1.147823 | 0.871214 | 3.2277% | 1820 |
| 1.111933 | 0.899335 | 2.6573% | 1819 | 1.083150 | 0.923233 | 2.6261% | 1818 |
| 1.055434 | 0.947478 | 2.6969% | 1817 | 1.027717 | 0.973031 | 2.7717% | 1816 |
| 1.000000 | 1.000000 | 2.8507% | 1815 | 0.972283 | 1.028507 | 2.9343% | 1814 |
| 0.944566 | 1.058687 | 3.0231% | 1813 | 0.916850 | 1.090692 | 3.1039% | 1812 |
| 0.889248 | 1.124545 | 3.2172% | 1811 | 0.861531 | 1.160724 | 3.0969% | 1810 |
| 0.835652 | 1.196670 | 2.9144% | 1809 | 0.811988 | 1.231546 | 2.8225% | 1808 |
| 0.789699 | 1.266306 | 2.9199% | 1807 | 0.767294 | 1.303281 | 2.9918% | 1806 |
| 0.745005 | 1.342273 | 3.0841% | 1805 | 0.722716 | 1.383669 | 3.1822% | 1804 |
| 0.700427 | 1.427700 | 3.2868% | 1803 | 0.678138 | 1.474625 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.655849 | 1.524740 | 3.5180% | 1801 | 0.633560 | 1.578381 | 3.3999% | 1800 |
| 0.612728 | 1.632045 | 2.8419% | 1799 | 0.595796 | 1.678426 | 2.7485% | 1798 |
| 0.579859 | 1.724557 | 2.8261% | 1797 | 0.563922 | 1.773295 | 3.7832% | 1796 |
| 0.543365 | 1.840383 | 2.1272% | 1795 | 0.532048 | 1.879531 | 3.0879% | 1794 |
| 0.516110 | 1.937570 | 3.1625% | 1793 | 0.500289 | 1.998846 | 3.2904% | 1792 |
| 0.484352 | 2.064616 | 3.4024% | 1791 | 0.468414 | 2.134862 | 3.2296% | 1790 |
| 0.453760 | 2.203809 | 41.3145% | 1780 | 0.321099 | 3.114300 | 29.4353% | 1770 |
| 0.248077 | 4.031004 | 83.4728% | 1750 | 0.135212 | 7.395798 | 29.2845% | 1740 |
| 0.104585 | 9.561617 | 94.2514% | 1720 | 0.053840 | 18.573574 | 85.8111% | 1700 |
| 0.028976 | 34.511758 | 19.2490% | 1690 | 0.024298 | 41.154943 | 88.0250% | 1670 |
| 0.012923 | 77.381591 | | | | | | |

BASE YEAR: 1815

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 35.803581 | 0.027930 | 8.2857% | 2001 | 33.064010 | 0.030244 | 1.0000% |
| 2000 | 32.736640 | 0.030547 | 1.0000% | 1999 | 32.412515 | 0.030852 | 1.0000% |
| 1998 | 32.091599 | 0.031161 | 1.0000% | 1997 | 31.773860 | 0.031472 | 1.0000% |
| 1996 | 31.459267 | 0.031787 | 1.0000% | 1995 | 31.147790 | 0.032105 | 0.9992% |
| 1994 | 30.839633 | 0.032426 | 1.0008% | 1993 | 30.534055 | 0.032750 | 1.0000% |
| 1992 | 30.231738 | 0.033078 | 0.9295% | 1991 | 29.953320 | 0.033385 | 1.2505% |
| 1990 | 29.583375 | 0.033803 | 0.7224% | 1989 | 29.371184 | 0.034047 | 1.1077% |
| 1988 | 29.049412 | 0.034424 | 0.8834% | 1987 | 28.795047 | 0.034728 | 0.5594% |
| 1986 | 28.634874 | 0.034922 | 1.3056% | 1985 | 28.265827 | 0.035378 | 0.7673% |
| 1984 | 28.050600 | 0.035650 | 0.8149% | 1983 | 27.823851 | 0.035940 | 0.9737% |
| 1982 | 27.555529 | 0.036290 | 0.9508% | 1981 | 27.295997 | 0.036635 | 0.9031% |
| 1980 | 27.051702 | 0.036966 | 2.2701% | 1979 | 26.451241 | 0.037805 | 1.0042% |
| 1978 | 26.188265 | 0.038185 | 0.9896% | 1977 | 25.931643 | 0.038563 | 0.9103% |
| 1976 | 25.697708 | 0.038914 | 0.8394% | 1975 | 25.483787 | 0.039241 | 0.9042% |
| 1974 | 25.255434 | 0.039595 | 1.1568% | 1973 | 24.966623 | 0.040053 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 24.733460 | 0.040431 | 0.7426% | 1971 | 24.551134 | 0.040731 | 1.4697% |
| 1970 | 24.195524 | 0.041330 | 0.6968% | 1969 | 24.028091 | 0.041618 | 0.8565% |
| 1968 | 23.824029 | 0.041974 | 1.5090% | 1967 | 23.469860 | 0.042608 | 0.9949% |
| 1966 | 23.238657 | 0.043032 | 1.0575% | 1965 | 22.995486 | 0.043487 | 1.1300% |
| 1964 | 22.738538 | 0.043978 | 1.5537% | 1963 | 22.390664 | 0.044661 | 1.4658% |
| 1962 | 22.067199 | 0.045316 | 1.5364% | 1961 | 21.733282 | 0.046012 | 2.1586% |
| 1960 | 21.274052 | 0.047006 | -1.6655% | 1959 | 21.634369 | 0.046223 | 4.3080% |
| 1958 | 20.740854 | 0.048214 | 2.1130% | 1957 | 20.311676 | 0.049233 | 1.9895% |
| 1956 | 19.915459 | 0.050212 | 2.1231% | 1955 | 19.501425 | 0.051278 | 1.4496% |
| 1954 | 19.222770 | 0.052022 | 2.1573% | 1953 | 18.816843 | 0.053144 | 1.2298% |
| 1952 | 18.588253 | 0.053797 | 1.6814% | 1951 | 18.280883 | 0.054702 | 1.6233% |
| 1950 | 17.988874 | 0.055590 | 1.4265% | 1949 | 17.735865 | 0.056383 | 1.7790% |
| 1948 | 17.425852 | 0.057386 | 1.8242% | 1947 | 17.113671 | 0.058433 | -2.6320% |
| 1946 | 17.576286 | 0.056895 | 3.1768% | 1945 | 17.035114 | 0.058702 | 6.4754% |
| 1944 | 15.999105 | 0.062503 | -0.3437% | 1943 | 16.054280 | 0.062289 | 0.6562% |
| 1942 | 15.949615 | 0.062697 | 0.6633% | 1941 | 15.844518 | 0.063113 | -5.6614% |
| 1940 | 16.795376 | 0.059540 | 8.0381% | 1939 | 15.545789 | 0.064326 | 0.8126% |
| 1938 | 15.420477 | 0.064849 | 0.7762% | 1937 | 15.301699 | 0.065352 | 0.6029% |
| 1936 | 15.210001 | 0.065746 | 0.5244% | 1935 | 15.130657 | 0.066091 | -3.0364% |
| 1934 | 15.604466 | 0.064084 | 4.6271% | 1933 | 14.914360 | 0.067049 | 1.3921% |
| 1932 | 14.709585 | 0.067983 | -0.2051% | 1931 | 14.739815 | 0.067843 | 0.8886% |
| 1930 | 14.609991 | 0.068446 | 1.0126% | 1929 | 14.463535 | 0.069139 | 1.1526% |
| 1928 | 14.298729 | 0.069936 | 1.2160% | 1927 | 14.126945 | 0.070787 | 1.4086% |
| 1926 | 13.930719 | 0.071784 | 1.7667% | 1925 | 13.688880 | 0.073052 | 1.4465% |
| 1924 | 13.493693 | 0.074109 | 1.7700% | 1923 | 13.259012 | 0.075420 | 1.6165% |
| 1922 | 13.048087 | 0.076640 | 1.3736% | 1921 | 12.871282 | 0.077692 | 2.3393% |
| 1920 | 12.577065 | 0.079510 | 1.3140% | 1919 | 12.413945 | 0.080555 | 0.7676% |
| 1918 | 12.319376 | 0.081173 | 0.3870% | 1917 | 12.271885 | 0.081487 | 1.3274% |
| 1916 | 12.111118 | 0.082569 | 1.4083% | 1915 | 11.942927 | 0.083732 | 1.4458% |
| 1914 | 11.772716 | 0.084942 | 1.9424% | 1913 | 11.548402 | 0.086592 | 1.9857% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 11.323554 | 0.088311 | 1.5634% | 1911 | 11.149246 | 0.089692 | 1.8169% |
| 1910 | 10.950288 | 0.091322 | 1.8781% | 1909 | 10.748426 | 0.093037 | 2.0082% |
| 1908 | 10.536821 | 0.094905 | 1.9603% | 1907 | 10.334244 | 0.096766 | 1.8264% |
| 1906 | 10.148889 | 0.098533 | 1.9357% | 1905 | 9.956171 | 0.100440 | 2.0148% |
| 1904 | 9.759532 | 0.102464 | 2.1335% | 1903 | 9.555659 | 0.104650 | 1.8151% |
| 1902 | 9.385302 | 0.106550 | 1.8943% | 1901 | 9.210817 | 0.108568 | 3.0255% |
| 1900 | 8.940328 | 0.111853 | 0.6278% | 1899 | 8.884547 | 0.112555 | 1.7757% |
| 1898 | 8.729540 | 0.114554 | 1.8078% | 1897 | 8.574534 | 0.116624 | 1.8396% |
| 1896 | 8.419646 | 0.118770 | 1.8755% | 1895 | 8.264640 | 0.120997 | 1.9114% |
| 1894 | 8.109633 | 0.123310 | 1.9486% | 1893 | 7.954626 | 0.125713 | 1.9858% |
| 1892 | 7.799739 | 0.128209 | 2.0276% | 1891 | 7.644732 | 0.130809 | 2.6465% |
| 1890 | 7.447629 | 0.134271 | 1.5328% | 1889 | 7.335194 | 0.136329 | 2.0811% |
| 1888 | 7.185652 | 0.139166 | 2.1599% | 1887 | 7.033733 | 0.142172 | 2.2075% |
| 1886 | 6.881815 | 0.145311 | 2.2592% | 1885 | 6.729778 | 0.148593 | 2.3095% |
| 1884 | 6.577860 | 0.152025 | 2.3641% | 1883 | 6.425941 | 0.155619 | 2.4214% |
| 1882 | 6.274023 | 0.159387 | 2.4815% | 1881 | 6.122105 | 0.163343 | 3.7644% |
| 1880 | 5.900005 | 0.169491 | 0.9432% | 1879 | 5.844875 | 0.171090 | 2.1464% |
| 1878 | 5.722057 | 0.174762 | 2.1913% | 1877 | 5.599359 | 0.178592 | 2.2426% |
| 1876 | 5.476541 | 0.182597 | 2.2941% | 1875 | 5.353724 | 0.186786 | 2.3456% |
| 1874 | 5.231025 | 0.191167 | 2.4043% | 1873 | 5.108208 | 0.195763 | 2.4635% |
| 1872 | 4.985390 | 0.200586 | 2.5258% | 1871 | 4.862573 | 0.205652 | 5.9947% |
| 1870 | 4.587563 | 0.217981 | -1.0968% | 1869 | 4.638437 | 0.215590 | 2.1930% |
| 1868 | 4.538900 | 0.220318 | 2.2394% | 1867 | 4.439482 | 0.225251 | 2.2935% |
| 1866 | 4.339945 | 0.230418 | 2.3445% | 1865 | 4.240527 | 0.235820 | 2.4037% |
| 1864 | 4.140991 | 0.241488 | 2.4599% | 1863 | 4.041573 | 0.247428 | 2.5250% |
| 1862 | 3.942036 | 0.253676 | 2.5872% | 1861 | 3.842618 | 0.260239 | 2.9504% |
| 1860 | 3.732494 | 0.267917 | 2.4012% | 1859 | 3.644970 | 0.274351 | 2.7627% |
| 1858 | 3.546977 | 0.281930 | 2.8412% | 1857 | 3.448984 | 0.289940 | 2.9243% |
| 1856 | 3.350992 | 0.298419 | 3.0161% | 1855 | 3.252880 | 0.307420 | 3.1061% |
| 1854 | 3.154888 | 0.316968 | 3.2056% | 1853 | 3.056895 | 0.327129 | 3.3118% |
| 1852 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 2.958902 | 0.337963 | 3.4252% | 1851 | 2.860910 | 0.349539 | 4.0106% | 1850 |
| 2.750594 | 0.363558 | 2.3254% | 1849 | 2.688086 | 0.372012 | 2.7841% | 1848 |
| 2.615275 | 0.382369 | 2.8590% | 1847 | 2.542582 | 0.393301 | 2.9432% | 1846 |
| 2.469890 | 0.404876 | 3.0324% | 1845 | 2.397197 | 0.417154 | 3.1325% | 1844 |
| 2.324385 | 0.430221 | 3.2284% | 1843 | 2.251693 | 0.444110 | 3.3361% | 1842 |
| 2.179000 | 0.458926 | 3.4512% | 1841 | 2.106307 | 0.474765 | 3.8105% | 1840 |
| 2.028993 | 0.492855 | 2.3861% | 1839 | 1.981708 | 0.504615 | 2.5824% | 1838 |
| 1.931821 | 0.517646 | 2.6573% | 1837 | 1.881815 | 0.531402 | 2.7232% | 1836 |
| 1.831928 | 0.545873 | 2.7994% | 1835 | 1.782041 | 0.561154 | 2.8871% | 1834 |
| 1.732035 | 0.577356 | 2.9657% | 1833 | 1.682148 | 0.594478 | 3.0563% | 1832 |
| 1.632260 | 0.612647 | 3.1604% | 1831 | 1.582254 | 0.632010 | 3.4660% | 1830 |
| 1.529251 | 0.653915 | 2.4653% | 1829 | 1.492458 | 0.670036 | 2.6804% | 1828 |
| 1.453498 | 0.687995 | 10.3427% | 1827 | 1.317259 | 0.759152 | -4.2314% | 1826 |
| 1.375460 | 0.727029 | 2.9150% | 1825 | 1.336501 | 0.748223 | 3.0026% | 1824 |
| 1.297541 | 0.770688 | 3.0955% | 1823 | 1.258582 | 0.794545 | 3.1944% | 1822 |
| 1.219622 | 0.819926 | 3.3102% | 1821 | 1.180544 | 0.847067 | 3.2277% | 1820 |
| 1.143631 | 0.874408 | 2.6573% | 1819 | 1.114028 | 0.897644 | 2.6261% | 1818 |
| 1.085521 | 0.921217 | 2.6969% | 1817 | 1.057014 | 0.946061 | 2.7717% | 1816 |
| 1.028507 | 0.972283 | 2.8507% | 1815 | 1.000000 | 1.000000 | 2.9343% | 1814 |
| 0.971493 | 1.029343 | 3.0231% | 1813 | 0.942986 | 1.060461 | 3.1039% | 1812 |
| 0.914598 | 1.093377 | 3.2172% | 1811 | 0.886091 | 1.128552 | 3.0969% | 1810 |
| 0.859474 | 1.163503 | 2.9144% | 1809 | 0.835135 | 1.197411 | 2.8225% | 1808 |
| 0.812210 | 1.231208 | 2.9199% | 1807 | 0.789167 | 1.267158 | 2.9918% | 1806 |
| 0.766243 | 1.305069 | 3.0841% | 1805 | 0.743319 | 1.345318 | 3.1822% | 1804 |
| 0.720394 | 1.388129 | 3.2868% | 1803 | 0.697470 | 1.433753 | 3.3985% | 1802 |
| 0.674546 | 1.482479 | 3.5180% | 1801 | 0.651621 | 1.534634 | 3.3999% | 1800 |
| 0.630195 | 1.586810 | 2.8419% | 1799 | 0.612781 | 1.631905 | 2.7485% | 1798 |
| 0.596389 | 1.676758 | 2.8261% | 1797 | 0.579998 | 1.724145 | 3.7832% | 1796 |
| 0.558855 | 1.789373 | 2.1272% | 1795 | 0.547215 | 1.827437 | 3.0879% | 1794 |
| 0.530823 | 1.883867 | 3.1625% | 1793 | 0.514550 | 1.943444 | 3.2904% | 1792 |

0.498159 2.007392 3.4024% 1791 0.481767 2.075690 3.2296% 1790
0.466695 2.142726 41.3145% 1780 0.330253 3.027982 29.4353% 1770
0.255149 3.919278 83.4728% 1750 0.139066 7.190810 29.2845% 1740
0.107566 9.296599 94.2514% 1720 0.055375 18.058773 85.8111% 1700
0.029802 33.555201 19.2490% 1690 0.024991 40.014259 88.0250% 1670
0.013291 75.236819

BASE YEAR: 1814

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 36.854181 | 0.027134 | 8.2857% | 2001 | 34.034222 | 0.029382 | 1.0000% |
| 2000 | 33.697246 | 0.029676 | 1.0000% | 1999 | 33.363609 | 0.029973 | 1.0000% |
| 1998 | 33.033277 | 0.030273 | 1.0000% | 1997 | 32.706215 | 0.030575 | 1.0000% |
| 1996 | 32.382391 | 0.030881 | 1.0000% | 1995 | 32.061773 | 0.031190 | 0.9992% |
| 1994 | 31.744574 | 0.031501 | 1.0008% | 1993 | 31.430029 | 0.031817 | 1.0000% |
| 1992 | 31.118841 | 0.032135 | 0.9295% | 1991 | 30.832253 | 0.032434 | 1.2505% |
| 1990 | 30.451453 | 0.032839 | 0.7224% | 1989 | 30.233036 | 0.033076 | 1.1077% |
| 1988 | 29.901822 | 0.033443 | 0.8834% | 1987 | 29.639993 | 0.033738 | 0.5594% |
| 1986 | 29.475119 | 0.033927 | 1.3056% | 1985 | 29.095244 | 0.034370 | 0.7673% |
| 1984 | 28.873701 | 0.034634 | 0.8149% | 1983 | 28.640298 | 0.034916 | 0.9737% |
| 1982 | 28.364103 | 0.035256 | 0.9508% | 1981 | 28.096956 | 0.035591 | 0.9031% |
| 1980 | 27.845492 | 0.035912 | 2.2701% | 1979 | 27.227412 | 0.036728 | 1.0042% |
| 1978 | 26.956718 | 0.037097 | 0.9896% | 1977 | 26.692566 | 0.037464 | 0.9103% |
| 1976 | 26.451767 | 0.037805 | 0.8394% | 1975 | 26.231569 | 0.038122 | 0.9042% |
| 1974 | 25.996515 | 0.038467 | 1.1568% | 1973 | 25.699230 | 0.038912 | 0.9427% |
| 1972 | 25.459225 | 0.039278 | 0.7426% | 1971 | 25.271549 | 0.039570 | 1.4697% |
| 1970 | 24.905504 | 0.040152 | 0.6968% | 1969 | 24.733158 | 0.040432 | 0.8565% |
| 1968 | 24.523108 | 0.040778 | 1.5090% | 1967 | 24.158546 | 0.041393 | 0.9949% |
| 1966 | 23.920559 | 0.041805 | 1.0575% | 1965 | 23.670253 | 0.042247 | 1.1300% |
| 1964 | 23.405765 | 0.042725 | 1.5537% | 1963 | 23.047683 | 0.043388 | 1.4658% |
| 1962 | 22.714727 | 0.044024 | 1.5364% | 1961 | 22.371011 | 0.044701 | 2.1586% |
| 1960 | 21.898306 | 0.045666 | -1.6655% | 1959 | 22.269196 | 0.044905 | 4.3080% |
| 1958 | 21.349462 | 0.046840 | 2.1130% | 1957 | 20.907690 | 0.047829 | 1.9895% |
| 1956 | 20.499847 | 0.048781 | 2.1231% | 1955 | 20.073664 | 0.049817 | 1.4496% |
| 1954 | 19.786832 | 0.050539 | 2.1573% | 1953 | 19.368994 | 0.051629 | 1.2298% |
| 1952 | 19.133696 | 0.052264 | 1.6814% | 1951 | 18.817307 | 0.053143 | 1.6233% |
| 1950 | 18.516729 | 0.054005 | 1.4265% | 1949 | 18.256297 | 0.054776 | 1.7790% |
| 1948 | 17.937187 | 0.055750 | 1.8242% | 1947 | 17.615845 | 0.056767 | -2.6320% |
| 1946 | 18.092034 | 0.055273 | 3.1768% | 1945 | 17.534983 | 0.057029 | 6.4754% |
| 1944 | 16.468574 | 0.060722 | -0.3437% | 1943 | 16.525368 | 0.060513 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 16.417632 | 0.060910 | 0.6633% | 1941 | 16.309451 | 0.061314 | -5.6614% |
| 1940 | 17.288211 | 0.057843 | 8.0381% | 1939 | 16.001956 | 0.062492 | 0.8126% |
| 1938 | 15.872967 | 0.063000 | 0.7762% | 1937 | 15.750703 | 0.063489 | 0.6029% |
| 1936 | 15.656315 | 0.063872 | 0.5244% | 1935 | 15.574642 | 0.064207 | -3.0364% |
| 1934 | 16.062355 | 0.062257 | 4.6271% | 1933 | 15.351999 | 0.065138 | 1.3921% |
| 1932 | 15.141215 | 0.066045 | -0.2051% | 1931 | 15.172332 | 0.065909 | 0.8886% |
| 1930 | 15.038698 | 0.066495 | 1.0126% | 1929 | 14.887945 | 0.067168 | 1.1526% |
| 1928 | 14.718303 | 0.067943 | 1.2160% | 1927 | 14.541478 | 0.068769 | 1.4086% |
| 1926 | 14.339495 | 0.069737 | 1.7667% | 1925 | 14.090559 | 0.070970 | 1.4465% |
| 1924 | 13.889644 | 0.071996 | 1.7700% | 1923 | 13.648077 | 0.073270 | 1.6165% |
| 1922 | 13.430963 | 0.074455 | 1.3736% | 1921 | 13.248969 | 0.075478 | 2.3393% |
| 1920 | 12.946119 | 0.077243 | 1.3140% | 1919 | 12.778212 | 0.078258 | 0.7676% |
| 1918 | 12.680869 | 0.078859 | 0.3870% | 1917 | 12.631984 | 0.079164 | 1.3274% |
| 1916 | 12.466500 | 0.080215 | 1.4083% | 1915 | 12.293373 | 0.081345 | 1.4458% |
| 1914 | 12.118168 | 0.082521 | 1.9424% | 1913 | 11.887272 | 0.084124 | 1.9857% |
| 1912 | 11.655826 | 0.085794 | 1.5634% | 1911 | 11.476403 | 0.087135 | 1.8169% |
| 1910 | 11.271607 | 0.088718 | 1.8781% | 1909 | 11.063822 | 0.090385 | 2.0082% |
| 1908 | 10.846008 | 0.092200 | 1.9603% | 1907 | 10.637486 | 0.094007 | 1.8264% |
| 1906 | 10.446693 | 0.095724 | 1.9357% | 1905 | 10.248319 | 0.097577 | 2.0148% |
| 1904 | 10.045910 | 0.099543 | 2.1335% | 1903 | 9.836055 | 0.101667 | 1.8151% |
| 1902 | 9.660699 | 0.103512 | 1.8943% | 1901 | 9.481094 | 0.105473 | 3.0255% |
| 1900 | 9.202668 | 0.108664 | 0.6278% | 1899 | 9.145250 | 0.109346 | 1.7757% |
| 1898 | 8.985695 | 0.111288 | 1.8078% | 1897 | 8.826140 | 0.113300 | 1.8396% |
| 1896 | 8.666707 | 0.115384 | 1.8755% | 1895 | 8.507152 | 0.117548 | 1.9114% |
| 1894 | 8.347598 | 0.119795 | 1.9486% | 1893 | 8.188043 | 0.122129 | 1.9858% |
| 1892 | 8.028610 | 0.124555 | 2.0276% | 1891 | 7.869055 | 0.127080 | 2.6465% |
| 1890 | 7.666168 | 0.130443 | 1.5328% | 1889 | 7.550434 | 0.132443 | 2.0811% |
| 1888 | 7.396503 | 0.135199 | 2.1599% | 1887 | 7.240127 | 0.138119 | 2.2075% |
| 1886 | 7.083751 | 0.141168 | 2.2592% | 1885 | 6.927253 | 0.144357 | 2.3095% |
| 1884 | 6.770877 | 0.147691 | 2.3641% | 1883 | 6.614501 | 0.151183 | 2.4214% |
| 1882 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 6.458124 | 0.154844 | 2.4815% | 1881 | 6.301748 | 0.158686 | 3.7644% | 1880 |
| 6.073132 | 0.164660 | 0.9432% | 1879 | 6.016383 | 0.166213 | 2.1464% | 1878 |
| 5.889962 | 0.169780 | 2.1913% | 1877 | 5.763663 | 0.173501 | 2.2426% | 1876 |
| 5.637242 | 0.177392 | 2.2941% | 1875 | 5.510820 | 0.181461 | 2.3456% | 1874 |
| 5.384521 | 0.185718 | 2.4043% | 1873 | 5.258100 | 0.190183 | 2.4635% | 1872 |
| 5.131679 | 0.194868 | 2.5258% | 1871 | 5.005257 | 0.199790 | 5.9947% | 1870 |
| 4.722178 | 0.211767 | -1.0968% | 1869 | 4.774545 | 0.209444 | 2.1930% | 1868 |
| 4.672087 | 0.214037 | 2.2394% | 1867 | 4.569752 | 0.218830 | 2.2935% | 1866 |
| 4.467294 | 0.223849 | 2.3445% | 1865 | 4.364959 | 0.229097 | 2.4037% | 1864 |
| 4.262502 | 0.234604 | 2.4599% | 1863 | 4.160166 | 0.240375 | 2.5250% | 1862 |
| 4.057709 | 0.246444 | 2.5872% | 1861 | 3.955374 | 0.252821 | 2.9504% | 1860 |
| 3.842018 | 0.260280 | 2.4012% | 1859 | 3.751926 | 0.266530 | 2.7627% | 1858 |
| 3.651058 | 0.273893 | 2.8412% | 1857 | 3.550190 | 0.281675 | 2.9243% | 1856 |
| 3.449321 | 0.289912 | 3.0161% | 1855 | 3.348331 | 0.298656 | 3.1061% | 1854 |
| 3.247463 | 0.307933 | 3.2056% | 1853 | 3.146595 | 0.317804 | 3.3118% | 1852 |
| 3.045727 | 0.328329 | 3.4252% | 1851 | 2.944859 | 0.339575 | 4.0106% | 1850 |
| 2.831306 | 0.353194 | 2.3254% | 1849 | 2.766964 | 0.361407 | 2.7841% | 1848 |
| 2.692016 | 0.371469 | 2.8590% | 1847 | 2.617190 | 0.382089 | 2.9432% | 1846 |
| 2.542365 | 0.393335 | 3.0324% | 1845 | 2.467539 | 0.405262 | 3.1325% | 1844 |
| 2.392591 | 0.417957 | 3.2284% | 1843 | 2.317765 | 0.431450 | 3.3361% | 1842 |
| 2.242939 | 0.445844 | 3.4512% | 1841 | 2.168113 | 0.461230 | 3.8105% | 1840 |
| 2.088530 | 0.478806 | 2.3861% | 1839 | 2.039858 | 0.490230 | 2.5824% | 1838 |
| 1.988507 | 0.502890 | 2.6573% | 1837 | 1.937034 | 0.516253 | 2.7232% | 1836 |
| 1.885683 | 0.530312 | 2.7994% | 1835 | 1.834332 | 0.545158 | 2.8871% | 1834 |
| 1.782859 | 0.560897 | 2.9657% | 1833 | 1.731508 | 0.577531 | 3.0563% | 1832 |
| 1.680156 | 0.595183 | 3.1604% | 1831 | 1.628683 | 0.613993 | 3.4660% | 1830 |
| 1.574125 | 0.635274 | 2.4653% | 1829 | 1.536251 | 0.650935 | 2.6804% | 1828 |
| 1.496149 | 0.668383 | 10.3427% | 1827 | 1.355911 | 0.737511 | -4.2314% | 1826 |
| 1.415821 | 0.706304 | 2.9150% | 1825 | 1.375718 | 0.726893 | 3.0026% | 1824 |
| 1.335616 | 0.748718 | 3.0955% | 1823 | 1.295513 | 0.771895 | 3.1944% | 1822 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.255410 | 0.796552 | 3.3102% | 1821 | 1.215185 | 0.822920 | 3.2277% | 1820 |
| 1.177189 | 0.849482 | 2.6573% | 1819 | 1.146717 | 0.872055 | 2.6261% | 1818 |
| 1.117374 | 0.894956 | 2.6969% | 1817 | 1.088030 | 0.919092 | 2.7717% | 1816 |
| 1.058687 | 0.944566 | 2.8507% | 1815 | 1.029343 | 0.971493 | 2.9343% | 1814 |
| 1.000000 | 1.000000 | 3.0231% | 1813 | 0.970657 | 1.030231 | 3.1039% | 1812 |
| 0.941435 | 1.062208 | 3.2172% | 1811 | 0.912092 | 1.096381 | 3.0969% | 1810 |
| 0.884694 | 1.130335 | 2.9144% | 1809 | 0.859641 | 1.163277 | 2.8225% | 1808 |
| 0.836044 | 1.196110 | 2.9199% | 1807 | 0.812324 | 1.231036 | 2.9918% | 1806 |
| 0.788727 | 1.267865 | 3.0841% | 1805 | 0.765130 | 1.306967 | 3.1822% | 1804 |
| 0.741533 | 1.348557 | 3.2868% | 1803 | 0.717936 | 1.392881 | 3.3985% | 1802 |
| 0.694339 | 1.440218 | 3.5180% | 1801 | 0.670742 | 1.490886 | 3.3999% | 1800 |
| 0.648687 | 1.541575 | 2.8419% | 1799 | 0.630762 | 1.585385 | 2.7485% | 1798 |
| 0.613889 | 1.628958 | 2.8261% | 1797 | 0.597017 | 1.674995 | 3.7832% | 1796 |
| 0.575254 | 1.738363 | 2.1272% | 1795 | 0.563272 | 1.775342 | 3.0879% | 1794 |
| 0.546399 | 1.830163 | 3.1625% | 1793 | 0.529649 | 1.888042 | 3.2904% | 1792 |
| 0.512777 | 1.950167 | 3.4024% | 1791 | 0.495904 | 2.016519 | 3.2296% | 1790 |
| 0.480390 | 2.081643 | 41.3145% | 1780 | 0.339944 | 2.941663 | 29.4353% | 1770 |
| 0.262636 | 3.807551 | 83.4728% | 1750 | 0.143147 | 6.985822 | 29.2845% | 1740 |
| 0.110723 | 9.031581 | 94.2514% | 1720 | 0.057000 | 17.543973 | 85.8111% | 1700 |
| 0.030676 | 32.598645 | 19.2490% | 1690 | 0.025724 | 38.873574 | 88.0250% | 1670 |
| 0.013681 | 73.092046 | | | | | | |

BASE YEAR: 1813

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 37.968302 | 0.026338 | 8.2857% | 2001 | 35.063093 | 0.028520 | 1.0000% |
| 2000 | 34.715930 | 0.028805 | 1.0000% | 1999 | 34.372208 | 0.029093 | 1.0000% |
| 1998 | 34.031889 | 0.029384 | 1.0000% | 1997 | 33.694940 | 0.029678 | 1.0000% |
| 1996 | 33.361327 | 0.029975 | 1.0000% | 1995 | 33.031017 | 0.030275 | 0.9992% |
| 1994 | 32.704229 | 0.030577 | 1.0008% | 1993 | 32.380175 | 0.030883 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 32.059579 | 0.031192 | 0.9295% | 1991 | 31.764328 | 0.031482 | 1.2505% |
| 1990 | 31.372016 | 0.031876 | 0.7224% | 1989 | 31.146996 | 0.032106 | 1.1077% |
| 1988 | 30.805769 | 0.032461 | 0.8834% | 1987 | 30.536025 | 0.032748 | 0.5594% |
| 1986 | 30.366167 | 0.032931 | 1.3056% | 1985 | 29.974808 | 0.033361 | 0.7673% |
| 1984 | 29.746568 | 0.033617 | 0.8149% | 1983 | 29.506109 | 0.033891 | 0.9737% |
| 1982 | 29.221564 | 0.034221 | 0.9508% | 1981 | 28.946341 | 0.034547 | 0.9031% |
| 1980 | 28.687276 | 0.034859 | 2.2701% | 1979 | 28.050510 | 0.035650 | 1.0042% |
| 1978 | 27.771634 | 0.036008 | 0.9896% | 1977 | 27.499496 | 0.036364 | 0.9103% |
| 1976 | 27.251417 | 0.036695 | 0.8394% | 1975 | 27.024562 | 0.037003 | 0.9042% |
| 1974 | 26.782403 | 0.037338 | 1.1568% | 1973 | 26.476130 | 0.037770 | 0.9427% |
| 1972 | 26.228870 | 0.038126 | 0.7426% | 1971 | 26.035521 | 0.038409 | 1.4697% |
| 1970 | 25.658410 | 0.038974 | 0.6968% | 1969 | 25.480854 | 0.039245 | 0.8565% |
| 1968 | 25.264454 | 0.039581 | 1.5090% | 1967 | 24.888871 | 0.040179 | 0.9949% |
| 1966 | 24.643689 | 0.040578 | 1.0575% | 1965 | 24.385817 | 0.041007 | 1.1300% |
| 1964 | 24.113333 | 0.041471 | 1.5537% | 1963 | 23.744426 | 0.042115 | 1.4658% |
| 1962 | 23.401404 | 0.042732 | 1.5364% | 1961 | 23.047298 | 0.043389 | 2.1586% |
| 1960 | 22.560303 | 0.044326 | -1.6655% | 1959 | 22.942405 | 0.043587 | 4.3080% |
| 1958 | 21.994867 | 0.045465 | 2.1130% | 1957 | 21.539741 | 0.046426 | 1.9895% |
| 1956 | 21.119568 | 0.047349 | 2.1231% | 1955 | 20.680501 | 0.048355 | 1.4496% |
| 1954 | 20.384998 | 0.049056 | 2.1573% | 1953 | 19.954528 | 0.050114 | 1.2298% |
| 1952 | 19.712117 | 0.050730 | 1.6814% | 1951 | 19.386163 | 0.051583 | 1.6233% |
| 1950 | 19.076500 | 0.052421 | 1.4265% | 1949 | 18.808194 | 0.053168 | 1.7790% |
| 1948 | 18.479437 | 0.054114 | 1.8242% | 1947 | 18.148381 | 0.055101 | -2.6320% |
| 1946 | 18.638966 | 0.053651 | 3.1768% | 1945 | 18.065074 | 0.055355 | 6.4754% |
| 1944 | 16.966428 | 0.058940 | -0.3437% | 1943 | 17.024938 | 0.058737 | 0.6562% |
| 1942 | 16.913945 | 0.059123 | 0.6633% | 1941 | 16.802494 | 0.059515 | -5.6614% |
| 1940 | 17.810842 | 0.056146 | 8.0381% | 1939 | 16.485703 | 0.060659 | 0.8126% |
| 1938 | 16.352815 | 0.061152 | 0.7762% | 1937 | 16.226855 | 0.061626 | 0.6029% |
| 1936 | 16.129613 | 0.061998 | 0.5244% | 1935 | 16.045472 | 0.062323 | -3.0364% |
| 1934 | 16.547928 | 0.060431 | 4.6271% | 1933 | 15.816098 | 0.063227 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 15.598942 | 0.064107 | -0.2051% | 1931 | 15.630999 | 0.063975 | 0.8886% |
| 1930 | 15.493325 | 0.064544 | 1.0126% | 1929 | 15.338015 | 0.065197 | 1.1526% |
| 1928 | 15.163245 | 0.065949 | 1.2160% | 1927 | 14.981074 | 0.066751 | 1.4086% |
| 1926 | 14.772985 | 0.067691 | 1.7667% | 1925 | 14.516523 | 0.068887 | 1.4465% |
| 1924 | 14.309535 | 0.069883 | 1.7700% | 1923 | 14.060666 | 0.071120 | 1.6165% |
| 1922 | 13.836988 | 0.072270 | 1.3736% | 1921 | 13.649493 | 0.073263 | 2.3393% |
| 1920 | 13.337487 | 0.074977 | 1.3140% | 1919 | 13.164504 | 0.075962 | 0.7676% |
| 1918 | 13.064218 | 0.076545 | 0.3870% | 1917 | 13.013856 | 0.076841 | 1.3274% |
| 1916 | 12.843368 | 0.077861 | 1.4083% | 1915 | 12.665008 | 0.078958 | 1.4458% |
| 1914 | 12.484507 | 0.080099 | 1.9424% | 1913 | 12.246631 | 0.081655 | 1.9857% |
| 1912 | 12.008187 | 0.083277 | 1.5634% | 1911 | 11.823340 | 0.084578 | 1.8169% |
| 1910 | 11.612354 | 0.086115 | 1.8781% | 1909 | 11.398287 | 0.087732 | 2.0082% |
| 1908 | 11.173888 | 0.089494 | 1.9603% | 1907 | 10.959063 | 0.091249 | 1.8264% |
| 1906 | 10.762502 | 0.092915 | 1.9357% | 1905 | 10.558131 | 0.094714 | 2.0148% |
| 1904 | 10.349603 | 0.096622 | 2.1335% | 1903 | 10.133404 | 0.098684 | 1.8151% |
| 1902 | 9.952747 | 0.100475 | 1.8943% | 1901 | 9.767713 | 0.102378 | 3.0255% |
| 1900 | 9.480869 | 0.105476 | 0.6278% | 1899 | 9.421716 | 0.106138 | 1.7757% |
| 1898 | 9.257337 | 0.108022 | 1.8078% | 1897 | 9.092959 | 0.109975 | 1.8396% |
| 1896 | 8.928706 | 0.111998 | 1.8755% | 1895 | 8.764328 | 0.114099 | 1.9114% |
| 1894 | 8.599950 | 0.116280 | 1.9486% | 1893 | 8.435571 | 0.118546 | 1.9858% |
| 1892 | 8.271319 | 0.120900 | 2.0276% | 1891 | 8.106940 | 0.123351 | 2.6465% |
| 1890 | 7.897921 | 0.126616 | 1.5328% | 1889 | 7.778687 | 0.128556 | 2.0811% |
| 1888 | 7.620103 | 0.131232 | 2.1599% | 1887 | 7.459000 | 0.134066 | 2.2075% |
| 1886 | 7.297896 | 0.137026 | 2.2592% | 1885 | 7.136667 | 0.140121 | 2.3095% |
| 1884 | 6.975564 | 0.143358 | 2.3641% | 1883 | 6.814460 | 0.146747 | 2.4214% |
| 1882 | 6.653357 | 0.150300 | 2.4815% | 1881 | 6.492253 | 0.154030 | 3.7644% |
| 1880 | 6.256726 | 0.159828 | 0.9432% | 1879 | 6.198262 | 0.161336 | 2.1464% |
| 1878 | 6.068019 | 0.164798 | 2.1913% | 1877 | 5.937901 | 0.168410 | 2.2426% |
| 1876 | 5.807658 | 0.172186 | 2.2941% | 1875 | 5.677415 | 0.176136 | 2.3456% |
| 1874 | 5.547298 | 0.180268 | 2.4043% | 1873 | 5.417055 | 0.184602 | 2.4635% |
| 1872 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.286812 | 0.189150 | 2.5258% | 1871 | 5.156569 | 0.193927 | 5.9947% | 1870 |
| 4.864932 | 0.205553 | -1.0968% | 1869 | 4.918881 | 0.203298 | 2.1930% | 1868 |
| 4.813327 | 0.207757 | 2.2394% | 1867 | 4.707898 | 0.212409 | 2.2935% | 1866 |
| 4.602343 | 0.217281 | 2.3445% | 1865 | 4.496914 | 0.222375 | 2.4037% | 1864 |
| 4.391359 | 0.227720 | 2.4599% | 1863 | 4.285930 | 0.233322 | 2.5250% | 1862 |
| 4.180375 | 0.239213 | 2.5872% | 1861 | 4.074946 | 0.245402 | 2.9504% | 1860 |
| 3.958165 | 0.252642 | 2.4012% | 1859 | 3.865348 | 0.258709 | 2.7627% | 1858 |
| 3.761431 | 0.265856 | 2.8412% | 1857 | 3.657514 | 0.273410 | 2.9243% | 1856 |
| 3.553596 | 0.281405 | 3.0161% | 1855 | 3.449553 | 0.289893 | 3.1061% | 1854 |
| 3.345635 | 0.298897 | 3.2056% | 1853 | 3.241718 | 0.308478 | 3.3118% | 1852 |
| 3.137801 | 0.318695 | 3.4252% | 1851 | 3.033883 | 0.329611 | 4.0106% | 1850 |
| 2.916898 | 0.342830 | 2.3254% | 1849 | 2.850611 | 0.350802 | 2.7841% | 1848 |
| 2.773397 | 0.360569 | 2.8590% | 1847 | 2.696309 | 0.370877 | 2.9432% | 1846 |
| 2.619222 | 0.381793 | 3.0324% | 1845 | 2.542134 | 0.393370 | 3.1325% | 1844 |
| 2.464920 | 0.405693 | 3.2284% | 1843 | 2.387832 | 0.418790 | 3.3361% | 1842 |
| 2.310744 | 0.432761 | 3.4512% | 1841 | 2.233657 | 0.447696 | 3.8105% | 1840 |
| 2.151668 | 0.464756 | 2.3861% | 1839 | 2.101524 | 0.475845 | 2.5824% | 1838 |
| 2.048621 | 0.488133 | 2.6573% | 1837 | 1.995591 | 0.501105 | 2.7232% | 1836 |
| 1.942688 | 0.514751 | 2.7994% | 1835 | 1.889785 | 0.529161 | 2.8871% | 1834 |
| 1.836755 | 0.544438 | 2.9657% | 1833 | 1.783852 | 0.560585 | 3.0563% | 1832 |
| 1.730948 | 0.577718 | 3.1604% | 1831 | 1.677919 | 0.595976 | 3.4660% | 1830 |
| 1.621711 | 0.616633 | 2.4653% | 1829 | 1.582693 | 0.631834 | 2.6804% | 1828 |
| 1.541378 | 0.648770 | 10.3427% | 1827 | 1.396901 | 0.715870 | -4.2314% | 1826 |
| 1.458622 | 0.685579 | 2.9150% | 1825 | 1.417307 | 0.705563 | 3.0026% | 1824 |
| 1.375992 | 0.726748 | 3.0955% | 1823 | 1.334677 | 0.749245 | 3.1944% | 1822 |
| 1.293362 | 0.773179 | 3.3102% | 1821 | 1.251921 | 0.798773 | 3.2277% | 1820 |
| 1.212776 | 0.824555 | 2.6573% | 1819 | 1.181383 | 0.846466 | 2.6261% | 1818 |
| 1.151153 | 0.868695 | 2.6969% | 1817 | 1.120922 | 0.892123 | 2.7717% | 1816 |
| 1.090692 | 0.916850 | 2.8507% | 1815 | 1.060461 | 0.942986 | 2.9343% | 1814 |
| 1.030231 | 0.970657 | 3.0231% | 1813 | 1.000000 | 1.000000 | 3.1039% | 1812 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.969895 | 1.031039 | 3.2172% | 1811 | 0.939665 | 1.064209 | 3.0969% | 1810 |
| 0.911438 | 1.097167 | 2.9144% | 1809 | 0.885628 | 1.129142 | 2.8225% | 1808 |
| 0.861318 | 1.161012 | 2.9199% | 1807 | 0.836881 | 1.194913 | 2.9918% | 1806 |
| 0.812571 | 1.230662 | 3.0841% | 1805 | 0.788260 | 1.268616 | 3.1822% | 1804 |
| 0.763950 | 1.308986 | 3.2868% | 1803 | 0.739640 | 1.352010 | 3.3985% | 1802 |
| 0.715329 | 1.397957 | 3.5180% | 1801 | 0.691019 | 1.447138 | 3.3999% | 1800 |
| 0.668297 | 1.496340 | 2.8419% | 1799 | 0.649830 | 1.538864 | 2.7485% | 1798 |
| 0.632447 | 1.581159 | 2.8261% | 1797 | 0.615065 | 1.625845 | 3.7832% | 1796 |
| 0.592644 | 1.687354 | 2.1272% | 1795 | 0.580300 | 1.723247 | 3.0879% | 1794 |
| 0.562917 | 1.776460 | 3.1625% | 1793 | 0.545661 | 1.832641 | 3.2904% | 1792 |
| 0.528278 | 1.892942 | 3.4024% | 1791 | 0.510896 | 1.957347 | 3.2296% | 1790 |
| 0.494912 | 2.020561 | 41.3145% | 1780 | 0.350220 | 2.855345 | 29.4353% | 1770 |
| 0.270576 | 3.695824 | 83.4728% | 1750 | 0.147474 | 6.780834 | 29.2845% | 1740 |
| 0.114070 | 8.766564 | 94.2514% | 1720 | 0.058723 | 17.029172 | 85.8111% | 1700 |
| 0.031603 | 31.642088 | 19.2490% | 1690 | 0.026502 | 37.732890 | 88.0250% | 1670 |
| 0.014095 | 70.947274 | | | | | | |

BASE YEAR: 1812

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 39.146799 | 0.025545 | 8.2857% | 2001 | 36.151415 | 0.027661 | 1.0000% |
| 2000 | 35.793477 | 0.027938 | 1.0000% | 1999 | 35.439086 | 0.028217 | 1.0000% |
| 1998 | 35.088204 | 0.028500 | 1.0000% | 1997 | 34.740796 | 0.028785 | 1.0000% |
| 1996 | 34.396828 | 0.029072 | 1.0000% | 1995 | 34.056265 | 0.029363 | 0.9992% |
| 1994 | 33.719334 | 0.029657 | 1.0008% | 1993 | 33.385222 | 0.029953 | 1.0000% |
| 1992 | 33.054675 | 0.030253 | 0.9295% | 1991 | 32.750260 | 0.030534 | 1.2505% |
| 1990 | 32.345771 | 0.030916 | 0.7224% | 1989 | 32.113766 | 0.031139 | 1.1077% |
| 1988 | 31.761948 | 0.031484 | 0.8834% | 1987 | 31.483831 | 0.031762 | 0.5594% |
| 1986 | 31.308701 | 0.031940 | 1.3056% | 1985 | 30.905195 | 0.032357 | 0.7673% |
| 1984 | 30.669870 | 0.032605 | 0.8149% | 1983 | 30.421948 | 0.032871 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 30.128571 | 0.033191 | 0.9508% | 1981 | 29.844805 | 0.033507 | 0.9031% |
| 1980 | 29.577699 | 0.033809 | 2.2701% | 1979 | 28.921169 | 0.034577 | 1.0042% |
| 1978 | 28.633636 | 0.034924 | 0.9896% | 1977 | 28.353052 | 0.035270 | 0.9103% |
| 1976 | 28.097273 | 0.035591 | 0.8394% | 1975 | 27.863377 | 0.035889 | 0.9042% |
| 1974 | 27.613701 | 0.036214 | 1.1568% | 1973 | 27.297922 | 0.036633 | 0.9427% |
| 1972 | 27.042987 | 0.036978 | 0.7426% | 1971 | 26.843636 | 0.037253 | 1.4697% |
| 1970 | 26.454820 | 0.037800 | 0.6968% | 1969 | 26.271753 | 0.038064 | 0.8565% |
| 1968 | 26.048636 | 0.038390 | 1.5090% | 1967 | 25.661396 | 0.038969 | 0.9949% |
| 1966 | 25.408604 | 0.039357 | 1.0575% | 1965 | 25.142727 | 0.039773 | 1.1300% |
| 1964 | 24.861786 | 0.040222 | 1.5537% | 1963 | 24.481429 | 0.040847 | 1.4658% |
| 1962 | 24.127760 | 0.041446 | 1.5364% | 1961 | 23.762662 | 0.042083 | 2.1586% |
| 1960 | 23.260551 | 0.042991 | -1.6655% | 1959 | 23.654513 | 0.042275 | 4.3080% |
| 1958 | 22.677565 | 0.044096 | 2.1130% | 1957 | 22.208312 | 0.045028 | 1.9895% |
| 1956 | 21.775097 | 0.045924 | 2.1231% | 1955 | 21.322403 | 0.046899 | 1.4496% |
| 1954 | 21.017727 | 0.047579 | 2.1573% | 1953 | 20.573896 | 0.048605 | 1.2298% |
| 1952 | 20.323961 | 0.049203 | 1.6814% | 1951 | 19.987890 | 0.050030 | 1.6233% |
| 1950 | 19.668614 | 0.050842 | 1.4265% | 1949 | 19.391981 | 0.051568 | 1.7790% |
| 1948 | 19.053019 | 0.052485 | 1.8242% | 1947 | 18.711688 | 0.053443 | -2.6320% |
| 1946 | 19.217500 | 0.052036 | 3.1768% | 1945 | 18.625795 | 0.053689 | 6.4754% |
| 1944 | 17.493048 | 0.057166 | -0.3437% | 1943 | 17.553375 | 0.056969 | 0.6562% |
| 1942 | 17.438936 | 0.057343 | 0.6633% | 1941 | 17.324026 | 0.057723 | -5.6614% |
| 1940 | 18.363672 | 0.054455 | 8.0381% | 1939 | 16.997403 | 0.058833 | 0.8126% |
| 1938 | 16.860390 | 0.059311 | 0.7762% | 1937 | 16.730519 | 0.059771 | 0.6029% |
| 1936 | 16.630260 | 0.060131 | 0.5244% | 1935 | 16.543506 | 0.060447 | -3.0364% |
| 1934 | 17.061558 | 0.058611 | 4.6271% | 1933 | 16.307013 | 0.061323 | 1.3921% |
| 1932 | 16.083117 | 0.062177 | -0.2051% | 1931 | 16.116169 | 0.062049 | 0.8886% |
| 1930 | 15.974222 | 0.062601 | 1.0126% | 1929 | 15.814091 | 0.063235 | 1.1526% |
| 1928 | 15.633896 | 0.063964 | 1.2160% | 1927 | 15.446071 | 0.064741 | 1.4086% |
| 1926 | 15.231523 | 0.065653 | 1.7667% | 1925 | 14.967101 | 0.066813 | 1.4465% |
| 1924 | 14.753689 | 0.067780 | 1.7700% | 1923 | 14.497094 | 0.068979 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 14.266474 | 0.070094 | 1.3736% | 1921 | 14.073159 | 0.071057 | 2.3393% |
| 1920 | 13.751469 | 0.072720 | 1.3140% | 1919 | 13.573117 | 0.073675 | 0.7676% |
| 1918 | 13.469718 | 0.074241 | 0.3870% | 1917 | 13.417792 | 0.074528 | 1.3274% |
| 1916 | 13.242013 | 0.075517 | 1.4083% | 1915 | 13.058117 | 0.076581 | 1.4458% |
| 1914 | 12.872013 | 0.077688 | 1.9424% | 1913 | 12.626753 | 0.079197 | 1.9857% |
| 1912 | 12.380909 | 0.080770 | 1.5634% | 1911 | 12.190325 | 0.082032 | 1.8169% |
| 1910 | 11.972789 | 0.083523 | 1.8781% | 1909 | 11.752078 | 0.085091 | 2.0082% |
| 1908 | 11.520714 | 0.086800 | 1.9603% | 1907 | 11.299221 | 0.088502 | 1.8264% |
| 1906 | 11.096558 | 0.090118 | 1.9357% | 1905 | 10.885844 | 0.091862 | 2.0148% |
| 1904 | 10.670844 | 0.093713 | 2.1335% | 1903 | 10.447935 | 0.095713 | 1.8151% |
| 1902 | 10.261670 | 0.097450 | 1.8943% | 1901 | 10.070892 | 0.099296 | 3.0255% |
| 1900 | 9.775145 | 0.102300 | 0.6278% | 1899 | 9.714156 | 0.102943 | 1.7757% |
| 1898 | 9.544675 | 0.104770 | 1.8078% | 1897 | 9.375195 | 0.106664 | 1.8396% |
| 1896 | 9.205844 | 0.108627 | 1.8755% | 1895 | 9.036364 | 0.110664 | 1.9114% |
| 1894 | 8.866883 | 0.112779 | 1.9486% | 1893 | 8.697403 | 0.114977 | 1.9858% |
| 1892 | 8.528052 | 0.117260 | 2.0276% | 1891 | 8.358571 | 0.119638 | 2.6465% |
| 1890 | 8.143064 | 0.122804 | 1.5328% | 1889 | 8.020130 | 0.124686 | 2.0811% |
| 1888 | 7.856623 | 0.127281 | 2.1599% | 1887 | 7.690519 | 0.130030 | 2.2075% |
| 1886 | 7.524416 | 0.132901 | 2.2592% | 1885 | 7.358182 | 0.135903 | 2.3095% |
| 1884 | 7.192078 | 0.139042 | 2.3641% | 1883 | 7.025974 | 0.142329 | 2.4214% |
| 1882 | 6.859870 | 0.145775 | 2.4815% | 1881 | 6.693766 | 0.149393 | 3.7644% |
| 1880 | 6.450928 | 0.155016 | 0.9432% | 1879 | 6.390649 | 0.156479 | 2.1464% |
| 1878 | 6.256364 | 0.159837 | 2.1913% | 1877 | 6.122208 | 0.163340 | 2.2426% |
| 1876 | 5.987922 | 0.167003 | 2.2941% | 1875 | 5.853636 | 0.170834 | 2.3456% |
| 1874 | 5.719481 | 0.174841 | 2.4043% | 1873 | 5.585195 | 0.179045 | 2.4635% |
| 1872 | 5.450909 | 0.183456 | 2.5258% | 1871 | 5.316623 | 0.188089 | 5.9947% |
| 1870 | 5.015934 | 0.199365 | -1.0968% | 1869 | 5.071558 | 0.197178 | 2.1930% |
| 1868 | 4.962727 | 0.201502 | 2.2394% | 1867 | 4.854026 | 0.206015 | 2.2935% |
| 1866 | 4.745195 | 0.210740 | 2.3445% | 1865 | 4.636494 | 0.215680 | 2.4037% |
| 1864 | 4.527662 | 0.220865 | 2.4599% | 1863 | 4.418961 | 0.226298 | 2.5250% |
| 1862 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 4.310130 | 0.232012 | 2.5872% | 1861 | 4.201429 | 0.238014 | 2.9504% | 1860 |
| 4.081022 | 0.245037 | 2.4012% | 1859 | 3.985325 | 0.250921 | 2.7627% | 1858 |
| 3.878182 | 0.257853 | 2.8412% | 1857 | 3.771039 | 0.265179 | 2.9243% | 1856 |
| 3.663896 | 0.272934 | 3.0161% | 1855 | 3.556623 | 0.281166 | 3.1061% | 1854 |
| 3.449481 | 0.289899 | 3.2056% | 1853 | 3.342338 | 0.299192 | 3.3118% | 1852 |
| 3.235195 | 0.309100 | 3.4252% | 1851 | 3.128052 | 0.319688 | 4.0106% | 1850 |
| 3.007436 | 0.332509 | 2.3254% | 1849 | 2.939091 | 0.340241 | 2.7841% | 1848 |
| 2.859481 | 0.349714 | 2.8590% | 1847 | 2.780000 | 0.359712 | 2.9432% | 1846 |
| 2.700519 | 0.370299 | 3.0324% | 1845 | 2.621039 | 0.381528 | 3.1325% | 1844 |
| 2.541429 | 0.393479 | 3.2284% | 1843 | 2.461948 | 0.406182 | 3.3361% | 1842 |
| 2.382468 | 0.419733 | 3.4512% | 1841 | 2.302987 | 0.434219 | 3.8105% | 1840 |
| 2.218453 | 0.450765 | 2.3861% | 1839 | 2.166753 | 0.461520 | 2.5824% | 1838 |
| 2.112208 | 0.473438 | 2.6573% | 1837 | 2.057532 | 0.486019 | 2.7232% | 1836 |
| 2.002987 | 0.499254 | 2.7994% | 1835 | 1.948442 | 0.513231 | 2.8871% | 1834 |
| 1.893766 | 0.528048 | 2.9657% | 1833 | 1.839221 | 0.543709 | 3.0563% | 1832 |
| 1.784675 | 0.560326 | 3.1604% | 1831 | 1.730000 | 0.578035 | 3.4660% | 1830 |
| 1.672047 | 0.598069 | 2.4653% | 1829 | 1.631818 | 0.612813 | 2.6804% | 1828 |
| 1.589221 | 0.629239 | 10.3427% | 1827 | 1.440260 | 0.694319 | -4.2314% | 1826 |
| 1.503896 | 0.664940 | 2.9150% | 1825 | 1.461299 | 0.684323 | 3.0026% | 1824 |
| 1.418701 | 0.704870 | 3.0955% | 1823 | 1.376104 | 0.726689 | 3.1944% | 1822 |
| 1.333506 | 0.749903 | 3.3102% | 1821 | 1.290779 | 0.774726 | 3.2277% | 1820 |
| 1.250419 | 0.799732 | 2.6573% | 1819 | 1.218052 | 0.820983 | 2.6261% | 1818 |
| 1.186883 | 0.842543 | 2.6969% | 1817 | 1.155714 | 0.865266 | 2.7717% | 1816 |
| 1.124545 | 0.889248 | 2.8507% | 1815 | 1.093377 | 0.914598 | 2.9343% | 1814 |
| 1.062208 | 0.941435 | 3.0231% | 1813 | 1.031039 | 0.969895 | 3.1039% | 1812 |
| 1.000000 | 1.000000 | 3.2172% | 1811 | 0.968831 | 1.032172 | 3.0969% | 1810 |
| 0.939729 | 1.064137 | 2.9144% | 1809 | 0.913117 | 1.095150 | 2.8225% | 1808 |
| 0.888052 | 1.126060 | 2.9199% | 1807 | 0.862857 | 1.158940 | 2.9918% | 1806 |
| 0.837792 | 1.193613 | 3.0841% | 1805 | 0.812727 | 1.230425 | 3.1822% | 1804 |
| 0.787662 | 1.269580 | 3.2868% | 1803 | 0.762597 | 1.311308 | 3.3985% | 1802 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.737532 | 1.355873 | 3.5180% | 1801 | 0.712468 | 1.403573 | 3.3999% | 1800 |
| 0.689041 | 1.451293 | 2.8419% | 1799 | 0.670000 | 1.492537 | 2.7485% | 1798 |
| 0.652078 | 1.533559 | 2.8261% | 1797 | 0.634156 | 1.576899 | 3.7832% | 1796 |
| 0.611039 | 1.636557 | 2.1272% | 1795 | 0.598312 | 1.671370 | 3.0879% | 1794 |
| 0.580390 | 1.722981 | 3.1625% | 1793 | 0.562597 | 1.777470 | 3.2904% | 1792 |
| 0.544675 | 1.835956 | 3.4024% | 1791 | 0.526753 | 1.898422 | 3.2296% | 1790 |
| 0.510274 | 1.959733 | 41.3145% | 1780 | 0.361091 | 2.769386 | 29.4353% | 1770 |
| 0.278974 | 3.584563 | 83.4728% | 1750 | 0.152052 | 6.576700 | 29.2845% | 1740 |
| 0.117610 | 8.502650 | 94.2514% | 1720 | 0.060545 | 16.516517 | 85.8111% | 1700 |
| 0.032584 | 30.689518 | 19.2490% | 1690 | 0.027325 | 36.596958 | 88.0250% | 1670 |
| 0.014532 | 68.811439 | | | | | | |

BASE YEAR: 1811

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 40.406213 | 0.024749 | 8.2857% | 2001 | 37.314464 | 0.026799 | 1.0000% |
| 2000 | 36.945010 | 0.027067 | 1.0000% | 1999 | 36.579217 | 0.027338 | 1.0000% |
| 1998 | 36.217047 | 0.027611 | 1.0000% | 1997 | 35.858462 | 0.027887 | 1.0000% |
| 1996 | 35.503428 | 0.028166 | 1.0000% | 1995 | 35.151909 | 0.028448 | 0.9992% |
| 1994 | 34.804138 | 0.028732 | 1.0008% | 1993 | 34.459277 | 0.029020 | 1.0000% |
| 1992 | 34.118097 | 0.029310 | 0.9295% | 1991 | 33.803887 | 0.029582 | 1.2505% |
| 1990 | 33.386386 | 0.029952 | 0.7224% | 1989 | 33.146917 | 0.030169 | 1.1077% |
| 1988 | 32.783780 | 0.030503 | 0.8834% | 1987 | 32.496716 | 0.030772 | 0.5594% |
| 1986 | 32.315952 | 0.030944 | 1.3056% | 1985 | 31.899464 | 0.031348 | 0.7673% |
| 1984 | 31.656568 | 0.031589 | 0.8149% | 1983 | 31.400670 | 0.031846 | 0.9737% |
| 1982 | 31.097855 | 0.032157 | 0.9508% | 1981 | 30.804960 | 0.032462 | 0.9031% |
| 1980 | 30.529260 | 0.032755 | 2.2701% | 1979 | 29.851609 | 0.033499 | 1.0042% |
| 1978 | 29.554826 | 0.033835 | 0.9896% | 1977 | 29.265214 | 0.034170 | 0.9103% |
| 1976 | 29.001206 | 0.034481 | 0.8394% | 1975 | 28.759786 | 0.034771 | 0.9042% |
| 1974 | 28.502078 | 0.035085 | 1.1568% | 1973 | 28.176139 | 0.035491 | 0.9427% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 27.913003 | 0.035826 | 0.7426% | 1971 | 27.707239 | 0.036092 | 1.4697% |
| 1970 | 27.305913 | 0.036622 | 0.6968% | 1969 | 27.116957 | 0.036877 | 0.8565% |
| 1968 | 26.886662 | 0.037193 | 1.5090% | 1967 | 26.486964 | 0.037754 | 0.9949% |
| 1966 | 26.226039 | 0.038130 | 1.0575% | 1965 | 25.951609 | 0.038533 | 1.1300% |
| 1964 | 25.661629 | 0.038969 | 1.5537% | 1963 | 25.269035 | 0.039574 | 1.4658% |
| 1962 | 24.903988 | 0.040154 | 1.5364% | 1961 | 24.527145 | 0.040771 | 2.1586% |
| 1960 | 24.008880 | 0.041651 | -1.6655% | 1959 | 24.415516 | 0.040958 | 4.3080% |
| 1958 | 23.407138 | 0.042722 | 2.1130% | 1957 | 22.922788 | 0.043625 | 1.9895% |
| 1956 | 22.475637 | 0.044493 | 2.1231% | 1955 | 22.008378 | 0.045437 | 1.4496% |
| 1954 | 21.693901 | 0.046096 | 2.1573% | 1953 | 21.235791 | 0.047090 | 1.2298% |
| 1952 | 20.977815 | 0.047669 | 1.6814% | 1951 | 20.630932 | 0.048471 | 1.6233% |
| 1950 | 20.301385 | 0.049258 | 1.4265% | 1949 | 20.015851 | 0.049960 | 1.7790% |
| 1948 | 19.665985 | 0.050849 | 1.8242% | 1947 | 19.313673 | 0.051777 | -2.6320% |
| 1946 | 19.835757 | 0.050414 | 3.1768% | 1945 | 19.225017 | 0.052016 | 6.4754% |
| 1944 | 18.055827 | 0.055384 | -0.3437% | 1943 | 18.118094 | 0.055193 | 0.6562% |
| 1942 | 17.999974 | 0.055556 | 0.6633% | 1941 | 17.881367 | 0.055924 | -5.6614% |
| 1940 | 18.954460 | 0.052758 | 8.0381% | 1939 | 17.544236 | 0.056999 | 0.8126% |
| 1938 | 17.402815 | 0.057462 | 0.7762% | 1937 | 17.268767 | 0.057908 | 0.6029% |
| 1936 | 17.165282 | 0.058257 | 0.5244% | 1935 | 17.075737 | 0.058563 | -3.0364% |
| 1934 | 17.610456 | 0.056784 | 4.6271% | 1933 | 16.831635 | 0.059412 | 1.3921% |
| 1932 | 16.600536 | 0.060239 | -0.2051% | 1931 | 16.634651 | 0.060115 | 0.8886% |
| 1930 | 16.488138 | 0.060650 | 1.0126% | 1929 | 16.322855 | 0.061264 | 1.1526% |
| 1928 | 16.136863 | 0.061970 | 1.2160% | 1927 | 15.942996 | 0.062723 | 1.4086% |
| 1926 | 15.721545 | 0.063607 | 1.7667% | 1925 | 15.448617 | 0.064731 | 1.4465% |
| 1924 | 15.228338 | 0.065667 | 1.7700% | 1923 | 14.963489 | 0.066829 | 1.6165% |
| 1922 | 14.725449 | 0.067910 | 1.3736% | 1921 | 14.525914 | 0.068842 | 2.3393% |
| 1920 | 14.193875 | 0.070453 | 1.3140% | 1919 | 14.009786 | 0.071379 | 0.7676% |
| 1918 | 13.903060 | 0.071927 | 0.3870% | 1917 | 13.849464 | 0.072205 | 1.3274% |
| 1916 | 13.668029 | 0.073163 | 1.4083% | 1915 | 13.478217 | 0.074194 | 1.4458% |
| 1914 | 13.286126 | 0.075266 | 1.9424% | 1913 | 13.032976 | 0.076728 | 1.9857% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 12.779223 | 0.078252 | 1.5634% | 1911 | 12.582507 | 0.079475 | 1.8169% |
| 1910 | 12.357973 | 0.080919 | 1.8781% | 1909 | 12.130161 | 0.082439 | 2.0082% |
| 1908 | 11.891354 | 0.084095 | 1.9603% | 1907 | 11.662735 | 0.085743 | 1.8264% |
| 1906 | 11.453552 | 0.087309 | 1.9357% | 1905 | 11.236059 | 0.088999 | 2.0148% |
| 1904 | 11.014142 | 0.090792 | 2.1335% | 1903 | 10.784061 | 0.092729 | 1.8151% |
| 1902 | 10.591804 | 0.094413 | 1.8943% | 1901 | 10.394889 | 0.096201 | 3.0255% |
| 1900 | 10.089627 | 0.099112 | 0.6278% | 1899 | 10.026676 | 0.099734 | 1.7757% |
| 1898 | 9.851743 | 0.101505 | 1.8078% | 1897 | 9.676810 | 0.103340 | 1.8396% |
| 1896 | 9.502011 | 0.105241 | 1.8755% | 1895 | 9.327078 | 0.107215 | 1.9114% |
| 1894 | 9.152145 | 0.109264 | 1.9486% | 1893 | 8.977212 | 0.111393 | 1.9858% |
| 1892 | 8.802413 | 0.113605 | 2.0276% | 1891 | 8.627480 | 0.115909 | 2.6465% |
| 1890 | 8.405039 | 0.118976 | 1.5328% | 1889 | 8.278150 | 0.120800 | 2.0811% |
| 1888 | 8.109383 | 0.123314 | 2.1599% | 1887 | 7.937936 | 0.125977 | 2.2075% |
| 1886 | 7.766488 | 0.128758 | 2.2592% | 1885 | 7.594906 | 0.131667 | 2.3095% |
| 1884 | 7.423458 | 0.134708 | 2.3641% | 1883 | 7.252011 | 0.137893 | 2.4214% |
| 1882 | 7.080563 | 0.141232 | 2.4815% | 1881 | 6.909115 | 0.144736 | 3.7644% |
| 1880 | 6.658464 | 0.150185 | 0.9432% | 1879 | 6.596247 | 0.151601 | 2.1464% |
| 1878 | 6.457641 | 0.154855 | 2.1913% | 1877 | 6.319169 | 0.158249 | 2.2426% |
| 1876 | 6.180563 | 0.161798 | 2.2941% | 1875 | 6.041957 | 0.165509 | 2.3456% |
| 1874 | 5.903485 | 0.169391 | 2.4043% | 1873 | 5.764879 | 0.173464 | 2.4635% |
| 1872 | 5.626273 | 0.177738 | 2.5258% | 1871 | 5.487668 | 0.182227 | 5.9947% |
| 1870 | 5.177305 | 0.193151 | -1.0968% | 1869 | 5.234718 | 0.191032 | 2.1930% |
| 1868 | 5.122386 | 0.195222 | 2.2394% | 1867 | 5.010188 | 0.199593 | 2.2935% |
| 1866 | 4.897855 | 0.204171 | 2.3445% | 1865 | 4.785657 | 0.208958 | 2.4037% |
| 1864 | 4.673324 | 0.213980 | 2.4599% | 1863 | 4.561126 | 0.219244 | 2.5250% |
| 1862 | 4.448794 | 0.224780 | 2.5872% | 1861 | 4.336595 | 0.230596 | 2.9504% |
| 1860 | 4.212315 | 0.237399 | 2.4012% | 1859 | 4.113539 | 0.243100 | 2.7627% |
| 1858 | 4.002949 | 0.249816 | 2.8412% | 1857 | 3.892359 | 0.256914 | 2.9243% |
| 1856 | 3.781769 | 0.264426 | 3.0161% | 1855 | 3.671046 | 0.272402 | 3.1061% |
| 1854 | 3.560456 | 0.280863 | 3.2056% | 1853 | 3.449866 | 0.289866 | 3.3118% |
| 1852 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 3.339276 | 0.299466 | 3.4252% | 1851 | 3.228686 | 0.309723 | 4.0106% | 1850 |
| 3.104190 | 0.322145 | 2.3254% | 1849 | 3.033646 | 0.329636 | 2.7841% | 1848 |
| 2.951475 | 0.338814 | 2.8590% | 1847 | 2.869437 | 0.348500 | 2.9432% | 1846 |
| 2.787399 | 0.358757 | 3.0324% | 1845 | 2.705362 | 0.369636 | 3.1325% | 1844 |
| 2.623190 | 0.381215 | 3.2284% | 1843 | 2.541153 | 0.393522 | 3.3361% | 1842 |
| 2.459115 | 0.406650 | 3.4512% | 1841 | 2.377078 | 0.420685 | 3.8105% | 1840 |
| 2.289824 | 0.436715 | 2.3861% | 1839 | 2.236461 | 0.447135 | 2.5824% | 1838 |
| 2.180161 | 0.458682 | 2.6573% | 1837 | 2.123727 | 0.470870 | 2.7232% | 1836 |
| 2.067426 | 0.483693 | 2.7994% | 1835 | 2.011126 | 0.497234 | 2.8871% | 1834 |
| 1.954692 | 0.511590 | 2.9657% | 1833 | 1.898391 | 0.526762 | 3.0563% | 1832 |
| 1.842091 | 0.542861 | 3.1604% | 1831 | 1.785657 | 0.560018 | 3.4660% | 1830 |
| 1.725840 | 0.579428 | 2.4653% | 1829 | 1.684316 | 0.593713 | 2.6804% | 1828 |
| 1.640349 | 0.609627 | 10.3427% | 1827 | 1.486595 | 0.672678 | -4.2314% | 1826 |
| 1.552279 | 0.644214 | 2.9150% | 1825 | 1.508311 | 0.662993 | 3.0026% | 1824 |
| 1.464343 | 0.682900 | 3.0955% | 1823 | 1.420375 | 0.704039 | 3.1944% | 1822 |
| 1.376408 | 0.726529 | 3.3102% | 1821 | 1.332306 | 0.750579 | 3.2277% | 1820 |
| 1.290647 | 0.774805 | 2.6573% | 1819 | 1.257239 | 0.795394 | 2.6261% | 1818 |
| 1.225067 | 0.816282 | 2.6969% | 1817 | 1.192895 | 0.838296 | 2.7717% | 1816 |
| 1.160724 | 0.861531 | 2.8507% | 1815 | 1.128552 | 0.886091 | 2.9343% | 1814 |
| 1.096381 | 0.912092 | 3.0231% | 1813 | 1.064209 | 0.939665 | 3.1039% | 1812 |
| 1.032172 | 0.968831 | 3.2172% | 1811 | 1.000000 | 1.000000 | 3.0969% | 1810 |
| 0.969961 | 1.030969 | 2.9144% | 1809 | 0.942493 | 1.061016 | 2.8225% | 1808 |
| 0.916622 | 1.090962 | 2.9199% | 1807 | 0.890617 | 1.122818 | 2.9918% | 1806 |
| 0.864745 | 1.156410 | 3.0841% | 1805 | 0.838874 | 1.192074 | 3.1822% | 1804 |
| 0.813003 | 1.230008 | 3.2868% | 1803 | 0.787131 | 1.270436 | 3.3985% | 1802 |
| 0.761260 | 1.313612 | 3.5180% | 1801 | 0.735389 | 1.359825 | 3.3999% | 1800 |
| 0.711208 | 1.406058 | 2.8419% | 1799 | 0.691555 | 1.446017 | 2.7485% | 1798 |
| 0.673056 | 1.485760 | 2.8261% | 1797 | 0.654558 | 1.527749 | 3.7832% | 1796 |
| 0.630697 | 1.585547 | 2.1272% | 1795 | 0.617560 | 1.619275 | 3.0879% | 1794 |
| 0.599062 | 1.669277 | 3.1625% | 1793 | 0.580697 | 1.722068 | 3.2904% | 1792 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.562198 | 1.778732 | 3.4024% | 1791 | 0.543700 | 1.839250 | 3.2296% | 1790 |
| 0.526690 | 1.898650 | 41.3145% | 1780 | 0.372708 | 2.683067 | 29.4353% | 1770 |
| 0.287949 | 3.472836 | 83.4728% | 1750 | 0.156944 | 6.371712 | 29.2845% | 1740 |
| 0.121394 | 8.237633 | 94.2514% | 1720 | 0.062493 | 16.001716 | 85.8111% | 1700 |
| 0.033633 | 29.732961 | 19.2490% | 1690 | 0.028204 | 35.456274 | 88.0250% | 1670 |
| 0.015000 | 66.666667 | | | | | | |

BASE YEAR: 1810

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 41.657559 | 0.024005 | 8.2857% | 2001 | 38.470061 | 0.025994 | 1.0000% |
| 2000 | 38.089165 | 0.026254 | 1.0000% | 1999 | 37.712045 | 0.026517 | 1.0000% |
| 1998 | 37.338658 | 0.026782 | 1.0000% | 1997 | 36.968969 | 0.027050 | 1.0000% |
| 1996 | 36.602939 | 0.027320 | 1.0000% | 1995 | 36.240534 | 0.027593 | 0.9992% |
| 1994 | 35.881993 | 0.027869 | 1.0008% | 1993 | 35.526452 | 0.028148 | 1.0000% |
| 1992 | 35.174705 | 0.028430 | 0.9295% | 1991 | 34.850765 | 0.028694 | 1.2505% |
| 1990 | 34.420334 | 0.029053 | 0.7224% | 1989 | 34.173449 | 0.029262 | 1.1077% |
| 1988 | 33.799066 | 0.029587 | 0.8834% | 1987 | 33.503112 | 0.029848 | 0.5594% |
| 1986 | 33.316749 | 0.030015 | 1.3056% | 1985 | 32.887363 | 0.030407 | 0.7673% |
| 1984 | 32.636945 | 0.030640 | 0.8149% | 1983 | 32.373122 | 0.030890 | 0.9737% |
| 1982 | 32.060929 | 0.031191 | 0.9508% | 1981 | 31.758963 | 0.031487 | 0.9031% |
| 1980 | 31.474726 | 0.031772 | 2.2701% | 1979 | 30.776088 | 0.032493 | 1.0042% |
| 1978 | 30.470114 | 0.032819 | 0.9896% | 1977 | 30.171533 | 0.033144 | 0.9103% |
| 1976 | 29.899349 | 0.033446 | 0.8394% | 1975 | 29.650452 | 0.033726 | 0.9042% |
| 1974 | 29.384763 | 0.034031 | 1.1568% | 1973 | 29.048731 | 0.034425 | 0.9427% |
| 1972 | 28.777445 | 0.034749 | 0.7426% | 1971 | 28.565308 | 0.035007 | 1.4697% |
| 1970 | 28.151554 | 0.035522 | 0.6968% | 1969 | 27.956746 | 0.035770 | 0.8565% |
| 1968 | 27.719319 | 0.036076 | 1.5090% | 1967 | 27.307243 | 0.036620 | 0.9949% |
| 1966 | 27.038237 | 0.036985 | 1.0575% | 1965 | 26.755308 | 0.037376 | 1.1300% |
| 1964 | 26.456348 | 0.037798 | 1.5537% | 1963 | 26.051595 | 0.038385 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 25.675243 | 0.038948 | 1.5364% | 1961 | 25.286730 | 0.039546 | 2.1586% |
| 1960 | 24.752414 | 0.040400 | -1.6655% | 1959 | 25.171644 | 0.039727 | 4.3080% |
| 1958 | 24.132037 | 0.041439 | 2.1130% | 1957 | 23.632688 | 0.042314 | 1.9895% |
| 1956 | 23.171688 | 0.043156 | 2.1231% | 1955 | 22.689959 | 0.044072 | 1.4496% |
| 1954 | 22.365743 | 0.044711 | 2.1573% | 1953 | 21.893445 | 0.045676 | 1.2298% |
| 1952 | 21.627480 | 0.046237 | 1.6814% | 1951 | 21.269854 | 0.047015 | 1.6233% |
| 1950 | 20.930101 | 0.047778 | 1.4265% | 1949 | 20.635725 | 0.048460 | 1.7790% |
| 1948 | 20.275024 | 0.049322 | 1.8242% | 1947 | 19.911801 | 0.050221 | -2.6320% |
| 1946 | 20.450054 | 0.048900 | 3.1768% | 1945 | 19.820399 | 0.050453 | 6.4754% |
| 1944 | 18.615000 | 0.053720 | -0.3437% | 1943 | 18.679196 | 0.053535 | 0.6562% |
| 1942 | 18.557418 | 0.053887 | 0.6633% | 1941 | 18.435138 | 0.054244 | -5.6614% |
| 1940 | 19.541464 | 0.051173 | 8.0381% | 1939 | 18.087566 | 0.055287 | 0.8126% |
| 1938 | 17.941765 | 0.055736 | 0.7762% | 1937 | 17.803566 | 0.056169 | 0.6029% |
| 1936 | 17.696876 | 0.056507 | 0.5244% | 1935 | 17.604558 | 0.056803 | -3.0364% |
| 1934 | 18.155837 | 0.055079 | 4.6271% | 1933 | 17.352897 | 0.057627 | 1.3921% |
| 1932 | 17.114641 | 0.058430 | -0.2051% | 1931 | 17.149813 | 0.058310 | 0.8886% |
| 1930 | 16.998762 | 0.058828 | 1.0126% | 1929 | 16.828360 | 0.059423 | 1.1526% |
| 1928 | 16.636608 | 0.060108 | 1.2160% | 1927 | 16.436737 | 0.060839 | 1.4086% |
| 1926 | 16.208428 | 0.061696 | 1.7667% | 1925 | 15.927047 | 0.062786 | 1.4465% |
| 1924 | 15.699947 | 0.063694 | 1.7700% | 1923 | 15.426895 | 0.064822 | 1.6165% |
| 1922 | 15.181483 | 0.065870 | 1.3736% | 1921 | 14.975770 | 0.066775 | 2.3393% |
| 1920 | 14.633448 | 0.068337 | 1.3140% | 1919 | 14.443657 | 0.069235 | 0.7676% |
| 1918 | 14.333626 | 0.069766 | 0.3870% | 1917 | 14.278370 | 0.070036 | 1.3274% |
| 1916 | 14.091317 | 0.070966 | 1.4083% | 1915 | 13.895626 | 0.071965 | 1.4458% |
| 1914 | 13.697586 | 0.073006 | 1.9424% | 1913 | 13.436596 | 0.074424 | 1.9857% |
| 1912 | 13.174984 | 0.075901 | 1.5634% | 1911 | 12.972176 | 0.077088 | 1.8169% |
| 1910 | 12.740689 | 0.078489 | 1.8781% | 1909 | 12.505822 | 0.079963 | 2.0082% |
| 1908 | 12.259619 | 0.081569 | 1.9603% | 1907 | 12.023920 | 0.083168 | 1.8264% |
| 1906 | 11.808259 | 0.084686 | 1.9357% | 1905 | 11.584030 | 0.086326 | 2.0148% |
| 1904 | 11.355241 | 0.088065 | 2.1335% | 1903 | 11.118034 | 0.089944 | 1.8151% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1902 | 10.919823 | 0.091577 | 1.8943% | 1901 | 10.716810 | 0.093311 | 3.0255% |
| 1900 | 10.402094 | 0.096134 | 0.6278% | 1899 | 10.337193 | 0.096738 | 1.7757% |
| 1898 | 10.156843 | 0.098456 | 1.8078% | 1897 | 9.976492 | 0.100236 | 1.8396% |
| 1896 | 9.796280 | 0.102080 | 1.8755% | 1895 | 9.615929 | 0.103994 | 1.9114% |
| 1894 | 9.435579 | 0.105982 | 1.9486% | 1893 | 9.255228 | 0.108047 | 1.9858% |
| 1892 | 9.075016 | 0.110193 | 2.0276% | 1891 | 8.894666 | 0.112427 | 2.6465% |
| 1890 | 8.665336 | 0.115402 | 1.5328% | 1889 | 8.534517 | 0.117171 | 2.0811% |
| 1888 | 8.360524 | 0.119610 | 2.1599% | 1887 | 8.183767 | 0.122193 | 2.2075% |
| 1886 | 8.007009 | 0.124891 | 2.2592% | 1885 | 7.830114 | 0.127712 | 2.3095% |
| 1884 | 7.653357 | 0.130662 | 2.3641% | 1883 | 7.476599 | 0.133751 | 2.4214% |
| 1882 | 7.299842 | 0.136989 | 2.4815% | 1881 | 7.123085 | 0.140389 | 3.7644% |
| 1880 | 6.864671 | 0.145673 | 0.9432% | 1879 | 6.800527 | 0.147047 | 2.1464% |
| 1878 | 6.657628 | 0.150204 | 2.1913% | 1877 | 6.514868 | 0.153495 | 2.2426% |
| 1876 | 6.371970 | 0.156937 | 2.2941% | 1875 | 6.229071 | 0.160538 | 2.3456% |
| 1874 | 6.086311 | 0.164303 | 2.4043% | 1873 | 5.943413 | 0.168253 | 2.4635% |
| 1872 | 5.800514 | 0.172399 | 2.5258% | 1871 | 5.657616 | 0.176753 | 5.9947% |
| 1870 | 5.337642 | 0.187349 | -1.0968% | 1869 | 5.396833 | 0.185294 | 2.1930% |
| 1868 | 5.281022 | 0.189357 | 2.2394% | 1867 | 5.165349 | 0.193598 | 2.2935% |
| 1866 | 5.049538 | 0.198038 | 2.3445% | 1865 | 4.933865 | 0.202681 | 2.4037% |
| 1864 | 4.818053 | 0.207553 | 2.4599% | 1863 | 4.702380 | 0.212658 | 2.5250% |
| 1862 | 4.586569 | 0.218028 | 2.5872% | 1861 | 4.470896 | 0.223669 | 2.9504% |
| 1860 | 4.342767 | 0.230268 | 2.4012% | 1859 | 4.240932 | 0.235797 | 2.7627% |
| 1858 | 4.126917 | 0.242312 | 2.8412% | 1857 | 4.012902 | 0.249196 | 2.9243% |
| 1856 | 3.898888 | 0.256483 | 3.0161% | 1855 | 3.784735 | 0.264219 | 3.1061% |
| 1854 | 3.670720 | 0.272426 | 3.2056% | 1853 | 3.556705 | 0.281159 | 3.3118% |
| 1852 | 3.442691 | 0.290470 | 3.4252% | 1851 | 3.328676 | 0.300420 | 4.0106% |
| 1850 | 3.200324 | 0.312468 | 2.3254% | 1849 | 3.127596 | 0.319734 | 2.7841% |
| 1848 | 3.042879 | 0.328636 | 2.8590% | 1847 | 2.958301 | 0.338032 | 2.9432% |
| 1846 | 2.873723 | 0.347981 | 3.0324% | 1845 | 2.789145 | 0.358533 | 3.1325% |
| 1844 | 2.704428 | 0.369764 | 3.2284% | 1843 | 2.619850 | 0.381701 | 3.3361% |
| 1842 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|-----------|----------|------|
| 2.535272 | 0.394435 | 3.4512% | 1841 | 2.450694 | 0.408048 | 3.8105% | 1840 |
| 2.360738 | 0.423596 | 2.3861% | 1839 | 2.305722 | 0.433704 | 2.5824% | 1838 |
| 2.247679 | 0.444903 | 2.6573% | 1837 | 2.189497 | 0.456726 | 2.7232% | 1836 |
| 2.131453 | 0.469164 | 2.7994% | 1835 | 2.073409 | 0.482298 | 2.8871% | 1834 |
| 2.015227 | 0.496222 | 2.9657% | 1833 | 1.957183 | 0.510938 | 3.0563% | 1832 |
| 1.899139 | 0.526554 | 3.1604% | 1831 | 1.840957 | 0.543196 | 3.4660% | 1830 |
| 1.779288 | 0.562023 | 2.4653% | 1829 | 1.736478 | 0.575878 | 2.6804% | 1828 |
| 1.691149 | 0.591314 | 10.3427% | 1827 | 1.532634 | 0.652472 | -4.2314% | 1826 |
| 1.600352 | 0.624863 | 2.9150% | 1825 | 1.555022 | 0.643078 | 3.0026% | 1824 |
| 1.509693 | 0.662386 | 3.0955% | 1823 | 1.464363 | 0.682891 | 3.1944% | 1822 |
| 1.419034 | 0.704705 | 3.3102% | 1821 | 1.373566 | 0.728032 | 3.2277% | 1820 |
| 1.330617 | 0.751531 | 2.6573% | 1819 | 1.296174 | 0.771501 | 2.6261% | 1818 |
| 1.263006 | 0.791762 | 2.6969% | 1817 | 1.229838 | 0.813115 | 2.7717% | 1816 |
| 1.196670 | 0.835652 | 2.8507% | 1815 | 1.163503 | 0.859474 | 2.9343% | 1814 |
| 1.130335 | 0.884694 | 3.0231% | 1813 | 1.097167 | 0.911438 | 3.1039% | 1812 |
| 1.064137 | 0.939729 | 3.2172% | 1811 | 1.030969 | 0.969961 | 3.0969% | 1810 |
| 1.000000 | 1.000000 | 2.9144% | 1809 | 0.971682 | 1.029144 | 2.8225% | 1808 |
| 0.945009 | 1.058191 | 2.9199% | 1807 | 0.918198 | 1.089089 | 2.9918% | 1806 |
| 0.891526 | 1.121673 | 3.0841% | 1805 | 0.864853 | 1.156266 | 3.1822% | 1804 |
| 0.838181 | 1.193060 | 3.2868% | 1803 | 0.811508 | 1.232274 | 3.3985% | 1802 |
| 0.784836 | 1.274152 | 3.5180% | 1801 | 0.758163 | 1.318977 | 3.3999% | 1800 |
| 0.733234 | 1.363822 | 2.8419% | 1799 | 0.712972 | 1.402580 | 2.7485% | 1798 |
| 0.693900 | 1.441129 | 2.8261% | 1797 | 0.674829 | 1.481857 | 3.7832% | 1796 |
| 0.650229 | 1.537919 | 2.1272% | 1795 | 0.636686 | 1.570634 | 3.0879% | 1794 |
| 0.617614 | 1.619134 | 3.1625% | 1793 | 0.598681 | 1.670339 | 3.2904% | 1792 |
| 0.579609 | 1.725300 | 3.4024% | 1791 | 0.560538 | 1.784001 | 3.2296% | 1790 |
| 0.543001 | 1.841617 | 41.3145% | 1780 | 0.384250 | 2.602471 | 29.4353% | 1770 |
| 0.296867 | 3.368516 | 83.4728% | 1750 | 0.161804 | 6.180313 | 29.2845% | 1740 |
| 0.125154 | 7.990183 | 94.2514% | 1720 | 0.064429 | 15.521042 | 85.8111% | 1700 |

0.034674 28.839817 19.2490% 1690 0.029077 34.391207 88.0250% 1670
0.015465 64.664075

BASE YEAR: 1809

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 42.871618 | 0.023325 | 8.2857% | 2001 | 39.591224 | 0.025258 | 1.0000% |
| 2000 | 39.199228 | 0.025511 | 1.0000% | 1999 | 38.811117 | 0.025766 | 1.0000% |
| 1998 | 38.426848 | 0.026023 | 1.0000% | 1997 | 38.046384 | 0.026284 | 1.0000% |
| 1996 | 37.669688 | 0.026547 | 1.0000% | 1995 | 37.296720 | 0.026812 | 0.9992% |
| 1994 | 36.927730 | 0.027080 | 1.0008% | 1993 | 36.561828 | 0.027351 | 1.0000% |
| 1992 | 36.199829 | 0.027624 | 0.9295% | 1991 | 35.866449 | 0.027881 | 1.2505% |
| 1990 | 35.423473 | 0.028230 | 0.7224% | 1989 | 35.169393 | 0.028434 | 1.1077% |
| 1988 | 34.784099 | 0.028749 | 0.8834% | 1987 | 34.479519 | 0.029003 | 0.5594% |
| 1986 | 34.287726 | 0.029165 | 1.3056% | 1985 | 33.845826 | 0.029546 | 0.7673% |
| 1984 | 33.588110 | 0.029772 | 0.8149% | 1983 | 33.316598 | 0.030015 | 0.9737% |
| 1982 | 32.995306 | 0.030307 | 0.9508% | 1981 | 32.684540 | 0.030596 | 0.9031% |
| 1980 | 32.392019 | 0.030872 | 2.2701% | 1979 | 31.673019 | 0.031573 | 1.0042% |
| 1978 | 31.358128 | 0.031890 | 0.9896% | 1977 | 31.050846 | 0.032205 | 0.9103% |
| 1976 | 30.770730 | 0.032498 | 0.8394% | 1975 | 30.514578 | 0.032771 | 0.9042% |
| 1974 | 30.241146 | 0.033068 | 1.1568% | 1973 | 29.895321 | 0.033450 | 0.9427% |
| 1972 | 29.616129 | 0.033765 | 0.7426% | 1971 | 29.397810 | 0.034016 | 1.4697% |
| 1970 | 28.971997 | 0.034516 | 0.6968% | 1969 | 28.771512 | 0.034757 | 0.8565% |
| 1968 | 28.527165 | 0.035054 | 1.5090% | 1967 | 28.103079 | 0.035583 | 0.9949% |
| 1966 | 27.826234 | 0.035937 | 1.0575% | 1965 | 27.535059 | 0.036317 | 1.1300% |
| 1964 | 27.227386 | 0.036728 | 1.5537% | 1963 | 26.810838 | 0.037298 | 1.4658% |
| 1962 | 26.423517 | 0.037845 | 1.5364% | 1961 | 26.023681 | 0.038427 | 2.1586% |
| 1960 | 25.473793 | 0.039256 | -1.6655% | 1959 | 25.905241 | 0.038602 | 4.3080% |
| 1958 | 24.835336 | 0.040265 | 2.1130% | 1957 | 24.321434 | 0.041116 | 1.9895% |
| 1956 | 23.846999 | 0.041934 | 2.1231% | 1955 | 23.351230 | 0.042824 | 1.4496% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1954 | 23.017565 | 0.043445 | 2.1573% | 1953 | 22.531503 | 0.044382 | 1.2298% |
| 1952 | 22.257787 | 0.044928 | 1.6814% | 1951 | 21.889738 | 0.045684 | 1.6233% |
| 1950 | 21.540084 | 0.046425 | 1.4265% | 1949 | 21.237128 | 0.047087 | 1.7790% |
| 1948 | 20.865915 | 0.047925 | 1.8242% | 1947 | 20.492106 | 0.048799 | -2.6320% |
| 1946 | 21.046046 | 0.047515 | 3.1768% | 1945 | 20.398041 | 0.049024 | 6.4754% |
| 1944 | 19.157512 | 0.052199 | -0.3437% | 1943 | 19.223579 | 0.052019 | 0.6562% |
| 1942 | 19.098252 | 0.052361 | 0.6633% | 1941 | 18.972408 | 0.052708 | -5.6614% |
| 1940 | 20.110976 | 0.049724 | 8.0381% | 1939 | 18.614706 | 0.053721 | 0.8126% |
| 1938 | 18.464657 | 0.054158 | 0.7762% | 1937 | 18.322429 | 0.054578 | 0.6029% |
| 1936 | 18.212630 | 0.054907 | 0.5244% | 1935 | 18.117622 | 0.055195 | -3.0364% |
| 1934 | 18.684967 | 0.053519 | 4.6271% | 1933 | 17.858626 | 0.055995 | 1.3921% |
| 1932 | 17.613426 | 0.056775 | -0.2051% | 1931 | 17.649623 | 0.056658 | 0.8886% |
| 1930 | 17.494170 | 0.057162 | 1.0126% | 1929 | 17.318802 | 0.057741 | 1.1526% |
| 1928 | 17.121462 | 0.058406 | 1.2160% | 1927 | 16.915766 | 0.059116 | 1.4086% |
| 1926 | 16.680803 | 0.059949 | 1.7667% | 1925 | 16.391222 | 0.061008 | 1.4465% |
| 1924 | 16.157503 | 0.061891 | 1.7700% | 1923 | 15.876493 | 0.062986 | 1.6165% |
| 1922 | 15.623929 | 0.064004 | 1.3736% | 1921 | 15.412220 | 0.064884 | 2.3393% |
| 1920 | 15.059922 | 0.066401 | 1.3140% | 1919 | 14.864600 | 0.067274 | 0.7676% |
| 1918 | 14.751362 | 0.067790 | 0.3870% | 1917 | 14.694496 | 0.068053 | 1.3274% |
| 1916 | 14.501991 | 0.068956 | 1.4083% | 1915 | 14.300597 | 0.069927 | 1.4458% |
| 1914 | 14.096786 | 0.070938 | 1.9424% | 1913 | 13.828189 | 0.072316 | 1.9857% |
| 1912 | 13.558953 | 0.073752 | 1.5634% | 1911 | 13.350235 | 0.074905 | 1.8169% |
| 1910 | 13.112001 | 0.076266 | 1.8781% | 1909 | 12.870289 | 0.077698 | 2.0082% |
| 1908 | 12.616911 | 0.079259 | 1.9603% | 1907 | 12.374342 | 0.080812 | 1.8264% |
| 1906 | 12.152397 | 0.082288 | 1.9357% | 1905 | 11.921633 | 0.083881 | 2.0148% |
| 1904 | 11.686176 | 0.085571 | 2.1335% | 1903 | 11.442056 | 0.087397 | 1.8151% |
| 1902 | 11.238068 | 0.088983 | 1.8943% | 1901 | 11.029138 | 0.090669 | 3.0255% |
| 1900 | 10.705251 | 0.093412 | 0.6278% | 1899 | 10.638458 | 0.093999 | 1.7757% |
| 1898 | 10.452852 | 0.095668 | 1.8078% | 1897 | 10.267245 | 0.097397 | 1.8396% |
| 1896 | 10.081781 | 0.099189 | 1.8755% | 1895 | 9.896174 | 0.101049 | 1.9114% |

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|----------|----------|----------|---------|------|----------|----------|---------|------|
| 1894 | 9.710567 | 0.102981 | 1.9486% | 1893 | 9.524961 | 0.104987 | 1.9858% | 1892 |
| 9.339497 | 0.107072 | 2.0276% | | 1891 | 9.153890 | 0.109243 | 2.6465% | 1890 |
| 8.917877 | 0.112134 | 1.5328% | | 1889 | 8.783246 | 0.113853 | 2.0811% | 1888 |
| 8.604181 | 0.116223 | 2.1599% | | 1887 | 8.422273 | 0.118733 | 2.2075% | 1886 |
| 8.240364 | 0.121354 | 2.2592% | | 1885 | 8.058313 | 0.124095 | 2.3095% | 1884 |
| 7.876404 | 0.126961 | 2.3641% | | 1883 | 7.694496 | 0.129963 | 2.4214% | 1882 |
| 7.512587 | 0.133110 | 2.4815% | | 1881 | 7.330678 | 0.136413 | 3.7644% | 1880 |
| 7.064734 | 0.141548 | 0.9432% | | 1879 | 6.998720 | 0.142883 | 2.1464% | 1878 |
| 6.851657 | 0.145950 | 2.1913% | | 1877 | 6.704736 | 0.149148 | 2.2426% | 1876 |
| 6.557673 | 0.152493 | 2.2941% | | 1875 | 6.410610 | 0.155991 | 2.3456% | 1874 |
| 6.263689 | 0.159650 | 2.4043% | | 1873 | 6.116626 | 0.163489 | 2.4635% | 1872 |
| 5.969563 | 0.167516 | 2.5258% | | 1871 | 5.822500 | 0.171748 | 5.9947% | 1870 |
| 5.493201 | 0.182043 | -1.0968% | | 1869 | 5.554117 | 0.180047 | 2.1930% | 1868 |
| 5.434931 | 0.183995 | 2.2394% | | 1867 | 5.315887 | 0.188115 | 2.2935% | 1866 |
| 5.196700 | 0.192430 | 2.3445% | | 1865 | 5.077656 | 0.196941 | 2.4037% | 1864 |
| 4.958470 | 0.201675 | 2.4599% | | 1863 | 4.839425 | 0.206636 | 2.5250% | 1862 |
| 4.720239 | 0.211854 | 2.5872% | | 1861 | 4.601195 | 0.217335 | 2.9504% | 1860 |
| 4.469331 | 0.223747 | 2.4012% | | 1859 | 4.364529 | 0.229120 | 2.7627% | 1858 |
| 4.247191 | 0.235450 | 2.8412% | | 1857 | 4.129854 | 0.242139 | 2.9243% | 1856 |
| 4.012516 | 0.249220 | 3.0161% | | 1855 | 3.895036 | 0.256737 | 3.1061% | 1854 |
| 3.777699 | 0.264711 | 3.2056% | | 1853 | 3.660361 | 0.273197 | 3.3118% | 1852 |
| 3.543024 | 0.282245 | 3.4252% | | 1851 | 3.425686 | 0.291912 | 4.0106% | 1850 |
| 3.293593 | 0.303620 | 2.3254% | | 1849 | 3.218746 | 0.310680 | 2.7841% | 1848 |
| 3.131560 | 0.319330 | 2.8590% | | 1847 | 3.044517 | 0.328459 | 2.9432% | 1846 |
| 2.957474 | 0.338126 | 3.0324% | | 1845 | 2.870431 | 0.348380 | 3.1325% | 1844 |
| 2.783246 | 0.359293 | 3.2284% | | 1843 | 2.696203 | 0.370892 | 3.3361% | 1842 |
| 2.609159 | 0.383265 | 3.4512% | | 1841 | 2.522116 | 0.396492 | 3.8105% | 1840 |
| 2.429539 | 0.411601 | 2.3861% | | 1839 | 2.372920 | 0.421422 | 2.5824% | 1838 |
| 2.313184 | 0.432304 | 2.6573% | | 1837 | 2.253307 | 0.443792 | 2.7232% | 1836 |
| 2.193571 | 0.455878 | 2.7994% | | 1835 | 2.133836 | 0.468640 | 2.8871% | 1834 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 2.073958 | 0.482170 | 2.9657% | 1833 | 2.014223 | 0.496469 | 3.0563% | 1832 |
| 1.954487 | 0.511643 | 3.1604% | 1831 | 1.894610 | 0.527813 | 3.4660% | 1830 |
| 1.831143 | 0.546107 | 2.4653% | 1829 | 1.787086 | 0.559570 | 2.6804% | 1828 |
| 1.740435 | 0.574569 | 10.3427% | 1827 | 1.577301 | 0.633995 | -4.2314% | 1826 |
| 1.646992 | 0.607168 | 2.9150% | 1825 | 1.600341 | 0.624867 | 3.0026% | 1824 |
| 1.553691 | 0.643629 | 3.0955% | 1823 | 1.507040 | 0.663552 | 3.1944% | 1822 |
| 1.460390 | 0.684749 | 3.3102% | 1821 | 1.413597 | 0.707415 | 3.2277% | 1820 |
| 1.369396 | 0.730249 | 2.6573% | 1819 | 1.333950 | 0.749653 | 2.6261% | 1818 |
| 1.299815 | 0.769340 | 2.6969% | 1817 | 1.265681 | 0.790089 | 2.7717% | 1816 |
| 1.231546 | 0.811988 | 2.8507% | 1815 | 1.197411 | 0.835135 | 2.9343% | 1814 |
| 1.163277 | 0.859641 | 3.0231% | 1813 | 1.129142 | 0.885628 | 3.1039% | 1812 |
| 1.095150 | 0.913117 | 3.2172% | 1811 | 1.061016 | 0.942493 | 3.0969% | 1810 |
| 1.029144 | 0.971682 | 2.9144% | 1809 | 1.000000 | 1.000000 | 2.8225% | 1808 |
| 0.972550 | 1.028225 | 2.9199% | 1807 | 0.944958 | 1.058248 | 2.9918% | 1806 |
| 0.917508 | 1.089909 | 3.0841% | 1805 | 0.890058 | 1.123522 | 3.1822% | 1804 |
| 0.862608 | 1.159275 | 3.2868% | 1803 | 0.835159 | 1.197377 | 3.3985% | 1802 |
| 0.807709 | 1.238070 | 3.5180% | 1801 | 0.780259 | 1.281626 | 3.3999% | 1800 |
| 0.754603 | 1.325201 | 2.8419% | 1799 | 0.733751 | 1.362861 | 2.7485% | 1798 |
| 0.714123 | 1.400319 | 2.8261% | 1797 | 0.694496 | 1.439894 | 3.7832% | 1796 |
| 0.669179 | 1.494368 | 2.1272% | 1795 | 0.655241 | 1.526156 | 3.0879% | 1794 |
| 0.635614 | 1.573283 | 3.1625% | 1793 | 0.616129 | 1.623038 | 3.2904% | 1792 |
| 0.596501 | 1.676443 | 3.4024% | 1791 | 0.576874 | 1.733481 | 3.2296% | 1790 |
| 0.558826 | 1.789465 | 41.3145% | 1780 | 0.395449 | 2.528773 | 29.4353% | 1770 |
| 0.305518 | 3.273125 | 83.4728% | 1750 | 0.166520 | 6.005296 | 29.2845% | 1740 |
| 0.128801 | 7.763913 | 94.2514% | 1720 | 0.066306 | 15.081510 | 85.8111% | 1700 |
| 0.035685 | 28.023117 | 19.2490% | 1690 | 0.029925 | 33.417300 | 88.0250% | 1670 |
| 0.015915 | 62.832887 | | | | | | |

BASE YEAR: 1808

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 44.081654 | 0.022685 | 8.2857% | 2001 | 40.708672 | 0.024565 | 1.0000% |
| 2000 | 40.305612 | 0.024810 | 1.0000% | 1999 | 39.906546 | 0.025059 | 1.0000% |
| 1998 | 39.511432 | 0.025309 | 1.0000% | 1997 | 39.120229 | 0.025562 | 1.0000% |
| 1996 | 38.732900 | 0.025818 | 1.0000% | 1995 | 38.349406 | 0.026076 | 0.9992% |
| 1994 | 37.970002 | 0.026337 | 1.0008% | 1993 | 37.593772 | 0.026600 | 1.0000% |
| 1992 | 37.221556 | 0.026866 | 0.9295% | 1991 | 36.878766 | 0.027116 | 1.2505% |
| 1990 | 36.423287 | 0.027455 | 0.7224% | 1989 | 36.162036 | 0.027653 | 1.1077% |
| 1988 | 35.765867 | 0.027960 | 0.8834% | 1987 | 35.452691 | 0.028207 | 0.5594% |
| 1986 | 35.255484 | 0.028364 | 1.3056% | 1985 | 34.801111 | 0.028735 | 0.7673% |
| 1984 | 34.536122 | 0.028955 | 0.8149% | 1983 | 34.256946 | 0.029191 | 0.9737% |
| 1982 | 33.926587 | 0.029475 | 0.9508% | 1981 | 33.607049 | 0.029756 | 0.9031% |
| 1980 | 33.306271 | 0.030024 | 2.2701% | 1979 | 32.566979 | 0.030706 | 1.0042% |
| 1978 | 32.243200 | 0.031014 | 0.9896% | 1977 | 31.927245 | 0.031321 | 0.9103% |
| 1976 | 31.639222 | 0.031606 | 0.8394% | 1975 | 31.375841 | 0.031872 | 0.9042% |
| 1974 | 31.094691 | 0.032160 | 1.1568% | 1973 | 30.739105 | 0.032532 | 0.9427% |
| 1972 | 30.452033 | 0.032839 | 0.7426% | 1971 | 30.227552 | 0.033082 | 1.4697% |
| 1970 | 29.789721 | 0.033569 | 0.6968% | 1969 | 29.583577 | 0.033803 | 0.8565% |
| 1968 | 29.332334 | 0.034092 | 1.5090% | 1967 | 28.896278 | 0.034607 | 0.9949% |
| 1966 | 28.611619 | 0.034951 | 1.0575% | 1965 | 28.312226 | 0.035320 | 1.1300% |
| 1964 | 27.995869 | 0.035720 | 1.5537% | 1963 | 27.567564 | 0.036275 | 1.4658% |
| 1962 | 27.169311 | 0.036806 | 1.5364% | 1961 | 26.758190 | 0.037372 | 2.1586% |
| 1960 | 26.192782 | 0.038178 | -1.6655% | 1959 | 26.636407 | 0.037543 | 4.3080% |
| 1958 | 25.536304 | 0.039160 | 2.1130% | 1957 | 25.007897 | 0.039987 | 1.9895% |
| 1956 | 24.520072 | 0.040783 | 2.1231% | 1955 | 24.010310 | 0.041649 | 1.4496% |
| 1954 | 23.667227 | 0.042253 | 2.1573% | 1953 | 23.167447 | 0.043164 | 1.2298% |
| 1952 | 22.886005 | 0.043695 | 1.6814% | 1951 | 22.507568 | 0.044430 | 1.6233% |
| 1950 | 22.148045 | 0.045151 | 1.4265% | 1949 | 21.836538 | 0.045795 | 1.7790% |
| 1948 | 21.454848 | 0.046610 | 1.8242% | 1947 | 21.070488 | 0.047460 | -2.6320% |
| 1946 | 21.640063 | 0.046211 | 3.1768% | 1945 | 20.973768 | 0.047679 | 6.4754% |
| 1944 | 19.698226 | 0.050766 | -0.3437% | 1943 | 19.766157 | 0.050592 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 19.637293 | 0.050924 | 0.6633% | 1941 | 19.507897 | 0.051261 | -5.6614% |
| 1940 | 20.678601 | 0.048359 | 8.0381% | 1939 | 19.140099 | 0.052246 | 0.8126% |
| 1938 | 18.985815 | 0.052671 | 0.7762% | 1937 | 18.839573 | 0.053080 | 0.6029% |
| 1936 | 18.726674 | 0.053400 | 0.5244% | 1935 | 18.628985 | 0.053680 | -3.0364% |
| 1934 | 19.212343 | 0.052050 | 4.6271% | 1933 | 18.362679 | 0.054458 | 1.3921% |
| 1932 | 18.110559 | 0.055216 | -0.2051% | 1931 | 18.147777 | 0.055103 | 0.8886% |
| 1930 | 17.987937 | 0.055593 | 1.0126% | 1929 | 17.807619 | 0.056156 | 1.1526% |
| 1928 | 17.604709 | 0.056803 | 1.2160% | 1927 | 17.393207 | 0.057494 | 1.4086% |
| 1926 | 17.151613 | 0.058304 | 1.7667% | 1925 | 16.853858 | 0.059334 | 1.4465% |
| 1924 | 16.613542 | 0.060192 | 1.7700% | 1923 | 16.324601 | 0.061257 | 1.6165% |
| 1922 | 16.064909 | 0.062247 | 1.3736% | 1921 | 15.847224 | 0.063103 | 2.3393% |
| 1920 | 15.484982 | 0.064579 | 1.3140% | 1919 | 15.284147 | 0.065427 | 0.7676% |
| 1918 | 15.167714 | 0.065930 | 0.3870% | 1917 | 15.109242 | 0.066185 | 1.3274% |
| 1916 | 14.911304 | 0.067063 | 1.4083% | 1915 | 14.704226 | 0.068008 | 1.4458% |
| 1914 | 14.494662 | 0.068991 | 1.9424% | 1913 | 14.218485 | 0.070331 | 1.9857% |
| 1912 | 13.941650 | 0.071728 | 1.5634% | 1911 | 13.727040 | 0.072849 | 1.8169% |
| 1910 | 13.482082 | 0.074173 | 1.8781% | 1909 | 13.233548 | 0.075566 | 2.0082% |
| 1908 | 12.973018 | 0.077083 | 1.9603% | 1907 | 12.723603 | 0.078594 | 1.8264% |
| 1906 | 12.495393 | 0.080029 | 1.9357% | 1905 | 12.258116 | 0.081579 | 2.0148% |
| 1904 | 12.016013 | 0.083222 | 2.1335% | 1903 | 11.765004 | 0.084998 | 1.8151% |
| 1902 | 11.555259 | 0.086541 | 1.8943% | 1901 | 11.340431 | 0.088180 | 3.0255% |
| 1900 | 11.007402 | 0.090848 | 0.6278% | 1899 | 10.938725 | 0.091418 | 1.7757% |
| 1898 | 10.747879 | 0.093042 | 1.8078% | 1897 | 10.557034 | 0.094724 | 1.8396% |
| 1896 | 10.366335 | 0.096466 | 1.8755% | 1895 | 10.175490 | 0.098275 | 1.9114% |
| 1894 | 9.984645 | 0.100154 | 1.9486% | 1893 | 9.793799 | 0.102105 | 1.9858% |
| 1892 | 9.603100 | 0.104133 | 2.0276% | 1891 | 9.412255 | 0.106244 | 2.6465% |
| 1890 | 9.169581 | 0.109056 | 1.5328% | 1889 | 9.031149 | 0.110728 | 2.0811% |
| 1888 | 8.847031 | 0.113032 | 2.1599% | 1887 | 8.659988 | 0.115474 | 2.2075% |
| 1886 | 8.472945 | 0.118023 | 2.2592% | 1885 | 8.285756 | 0.120689 | 2.3095% |
| 1884 | 8.098713 | 0.123476 | 2.3641% | 1883 | 7.911670 | 0.126396 | 2.4214% |
| 1882 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 7.724627 | 0.129456 | 2.4815% | 1881 | 7.537584 | 0.132669 | 3.7644% | 1880 |
| 7.264133 | 0.137663 | 0.9432% | 1879 | 7.196256 | 0.138961 | 2.1464% | 1878 |
| 7.045042 | 0.141944 | 2.1913% | 1877 | 6.893975 | 0.145054 | 2.2426% | 1876 |
| 6.742761 | 0.148307 | 2.2941% | 1875 | 6.591547 | 0.151709 | 2.3456% | 1874 |
| 6.440480 | 0.155268 | 2.4043% | 1873 | 6.289266 | 0.159001 | 2.4635% | 1872 |
| 6.138052 | 0.162918 | 2.5258% | 1871 | 5.986838 | 0.167033 | 5.9947% | 1870 |
| 5.648244 | 0.177046 | -1.0968% | 1869 | 5.710880 | 0.175104 | 2.1930% | 1868 |
| 5.588330 | 0.178944 | 2.2394% | 1867 | 5.465926 | 0.182952 | 2.2935% | 1866 |
| 5.343375 | 0.187148 | 2.3445% | 1865 | 5.220971 | 0.191535 | 2.4037% | 1864 |
| 5.098421 | 0.196139 | 2.4599% | 1863 | 4.976016 | 0.200964 | 2.5250% | 1862 |
| 4.853466 | 0.206038 | 2.5872% | 1861 | 4.731062 | 0.211369 | 2.9504% | 1860 |
| 4.595476 | 0.217605 | 2.4012% | 1859 | 4.487716 | 0.222831 | 2.7627% | 1858 |
| 4.367066 | 0.228987 | 2.8412% | 1857 | 4.246417 | 0.235493 | 2.9243% | 1856 |
| 4.125768 | 0.242379 | 3.0161% | 1855 | 4.004972 | 0.249690 | 3.1061% | 1854 |
| 3.884323 | 0.257445 | 3.2056% | 1853 | 3.763674 | 0.265698 | 3.3118% | 1852 |
| 3.643024 | 0.274497 | 3.4252% | 1851 | 3.522375 | 0.283899 | 4.0106% | 1850 |
| 3.386554 | 0.295285 | 2.3254% | 1849 | 3.309593 | 0.302152 | 2.7841% | 1848 |
| 3.219947 | 0.310564 | 2.8590% | 1847 | 3.130447 | 0.319443 | 2.9432% | 1846 |
| 3.040948 | 0.328845 | 3.0324% | 1845 | 2.951448 | 0.338817 | 3.1325% | 1844 |
| 2.861802 | 0.349430 | 3.2284% | 1843 | 2.772302 | 0.360711 | 3.3361% | 1842 |
| 2.682802 | 0.372745 | 3.4512% | 1841 | 2.593302 | 0.385609 | 3.8105% | 1840 |
| 2.498112 | 0.400302 | 2.3861% | 1839 | 2.439895 | 0.409854 | 2.5824% | 1838 |
| 2.378473 | 0.420438 | 2.6573% | 1837 | 2.316906 | 0.431610 | 2.7232% | 1836 |
| 2.255484 | 0.443364 | 2.7994% | 1835 | 2.194063 | 0.455776 | 2.8871% | 1834 |
| 2.132495 | 0.468934 | 2.9657% | 1833 | 2.071073 | 0.482841 | 3.0563% | 1832 |
| 2.009652 | 0.497599 | 3.1604% | 1831 | 1.948084 | 0.513325 | 3.4660% | 1830 |
| 1.882826 | 0.531116 | 2.4653% | 1829 | 1.837526 | 0.544210 | 2.6804% | 1828 |
| 1.789558 | 0.558797 | 10.3427% | 1827 | 1.621819 | 0.616592 | -4.2314% | 1826 |
| 1.693478 | 0.590501 | 2.9150% | 1825 | 1.645510 | 0.607714 | 3.0026% | 1824 |
| 1.597543 | 0.625961 | 3.0955% | 1823 | 1.549576 | 0.645338 | 3.1944% | 1822 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.501609 | 0.665952 | 3.3102% | 1821 | 1.453495 | 0.687997 | 3.2277% | 1820 |
| 1.408047 | 0.710204 | 2.6573% | 1819 | 1.371600 | 0.729076 | 2.6261% | 1818 |
| 1.336502 | 0.748222 | 2.6969% | 1817 | 1.301404 | 0.768401 | 2.7717% | 1816 |
| 1.266306 | 0.789699 | 2.8507% | 1815 | 1.231208 | 0.812210 | 2.9343% | 1814 |
| 1.196110 | 0.836044 | 3.0231% | 1813 | 1.161012 | 0.861318 | 3.1039% | 1812 |
| 1.126060 | 0.888052 | 3.2172% | 1811 | 1.090962 | 0.916622 | 3.0969% | 1810 |
| 1.058191 | 0.945009 | 2.9144% | 1809 | 1.028225 | 0.972550 | 2.8225% | 1808 |
| 1.000000 | 1.000000 | 2.9199% | 1807 | 0.971629 | 1.029199 | 2.9918% | 1806 |
| 0.943405 | 1.059991 | 3.0841% | 1805 | 0.915180 | 1.092681 | 3.1822% | 1804 |
| 0.886955 | 1.127453 | 3.2868% | 1803 | 0.858731 | 1.164510 | 3.3985% | 1802 |
| 0.830506 | 1.204085 | 3.5180% | 1801 | 0.802281 | 1.246445 | 3.3999% | 1800 |
| 0.775901 | 1.288824 | 2.8419% | 1799 | 0.754460 | 1.325451 | 2.7485% | 1798 |
| 0.734279 | 1.361880 | 2.8261% | 1797 | 0.714098 | 1.400369 | 3.7832% | 1796 |
| 0.688067 | 1.453348 | 2.1272% | 1795 | 0.673735 | 1.484263 | 3.0879% | 1794 |
| 0.653554 | 1.530096 | 3.1625% | 1793 | 0.633519 | 1.578486 | 3.2904% | 1792 |
| 0.613337 | 1.630424 | 3.4024% | 1791 | 0.593156 | 1.685897 | 3.2296% | 1790 |
| 0.574599 | 1.740345 | 41.3145% | 1780 | 0.406610 | 2.459358 | 29.4353% | 1770 |
| 0.314142 | 3.183278 | 83.4728% | 1750 | 0.171220 | 5.840451 | 29.2845% | 1740 |
| 0.132436 | 7.550795 | 94.2514% | 1720 | 0.068178 | 14.667525 | 85.8111% | 1700 |
| 0.036692 | 27.253886 | 19.2490% | 1690 | 0.030769 | 32.500000 | 88.0250% | 1670 |
| 0.016364 | 61.108132 | | | | | | |

BASE YEAR: 1807

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 45.368806 | 0.022042 | 8.2857% | 2001 | 41.897336 | 0.023868 | 1.0000% |
| 2000 | 41.482506 | 0.024107 | 1.0000% | 1999 | 41.071788 | 0.024348 | 1.0000% |
| 1998 | 40.665137 | 0.024591 | 1.0000% | 1997 | 40.262512 | 0.024837 | 1.0000% |
| 1996 | 39.863873 | 0.025085 | 1.0000% | 1995 | 39.469181 | 0.025336 | 0.9992% |
| 1994 | 39.078698 | 0.025589 | 1.0008% | 1993 | 38.691483 | 0.025845 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 38.308399 | 0.026104 | 0.9295% | 1991 | 37.955599 | 0.026347 | 1.2505% |
| 1990 | 37.486821 | 0.026676 | 0.7224% | 1989 | 37.217941 | 0.026869 | 1.1077% |
| 1988 | 36.810205 | 0.027166 | 0.8834% | 1987 | 36.487884 | 0.027406 | 0.5594% |
| 1986 | 36.284919 | 0.027560 | 1.3056% | 1985 | 35.817279 | 0.027919 | 0.7673% |
| 1984 | 35.544551 | 0.028134 | 0.8149% | 1983 | 35.257225 | 0.028363 | 0.9737% |
| 1982 | 34.917219 | 0.028639 | 0.9508% | 1981 | 34.588350 | 0.028911 | 0.9031% |
| 1980 | 34.278790 | 0.029173 | 2.2701% | 1979 | 33.517911 | 0.029835 | 1.0042% |
| 1978 | 33.184678 | 0.030134 | 0.9896% | 1977 | 32.859497 | 0.030433 | 0.9103% |
| 1976 | 32.563064 | 0.030710 | 0.8394% | 1975 | 32.291993 | 0.030967 | 0.9042% |
| 1974 | 32.002634 | 0.031247 | 1.1568% | 1973 | 31.636665 | 0.031609 | 0.9427% |
| 1972 | 31.341210 | 0.031907 | 0.7426% | 1971 | 31.110175 | 0.032144 | 1.4697% |
| 1970 | 30.659560 | 0.032616 | 0.6968% | 1969 | 30.447396 | 0.032844 | 0.8565% |
| 1968 | 30.188817 | 0.033125 | 1.5090% | 1967 | 29.740029 | 0.033625 | 0.9949% |
| 1966 | 29.447057 | 0.033959 | 1.0575% | 1965 | 29.138922 | 0.034318 | 1.1300% |
| 1964 | 28.813328 | 0.034706 | 1.5537% | 1963 | 28.372517 | 0.035245 | 1.4658% |
| 1962 | 27.962635 | 0.035762 | 1.5364% | 1961 | 27.539509 | 0.036311 | 2.1586% |
| 1960 | 26.957592 | 0.037095 | -1.6655% | 1959 | 27.414171 | 0.036477 | 4.3080% |
| 1958 | 26.281946 | 0.038049 | 2.1130% | 1957 | 25.738110 | 0.038853 | 1.9895% |
| 1956 | 25.236040 | 0.039626 | 2.1231% | 1955 | 24.711394 | 0.040467 | 1.4496% |
| 1954 | 24.358293 | 0.041054 | 2.1573% | 1953 | 23.843919 | 0.041939 | 1.2298% |
| 1952 | 23.554259 | 0.042455 | 1.6814% | 1951 | 23.164773 | 0.043169 | 1.6233% |
| 1950 | 22.794752 | 0.043870 | 1.4265% | 1949 | 22.474150 | 0.044496 | 1.7790% |
| 1948 | 22.081314 | 0.045287 | 1.8242% | 1947 | 21.685731 | 0.046113 | -2.6320% |
| 1946 | 22.271937 | 0.044900 | 3.1768% | 1945 | 21.586187 | 0.046326 | 6.4754% |
| 1944 | 20.273400 | 0.049326 | -0.3437% | 1943 | 20.343315 | 0.049156 | 0.6562% |
| 1942 | 20.210688 | 0.049479 | 0.6633% | 1941 | 20.077514 | 0.049807 | -5.6614% |
| 1940 | 21.282401 | 0.046987 | 8.0381% | 1939 | 19.698977 | 0.050764 | 0.8126% |
| 1938 | 19.540187 | 0.051177 | 0.7762% | 1937 | 19.389675 | 0.051574 | 0.6029% |
| 1936 | 19.273480 | 0.051885 | 0.5244% | 1935 | 19.172938 | 0.052157 | -3.0364% |
| 1934 | 19.773329 | 0.050573 | 4.6271% | 1933 | 18.898856 | 0.052913 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 18.639374 | 0.053650 | -0.2051% | 1931 | 18.677679 | 0.053540 | 0.8886% |
| 1930 | 18.513171 | 0.054016 | 1.0126% | 1929 | 18.327589 | 0.054563 | 1.1526% |
| 1928 | 18.118754 | 0.055191 | 1.2160% | 1927 | 17.901076 | 0.055863 | 1.4086% |
| 1926 | 17.652427 | 0.056649 | 1.7667% | 1925 | 17.345978 | 0.057650 | 1.4465% |
| 1924 | 17.098646 | 0.058484 | 1.7700% | 1923 | 16.801268 | 0.059519 | 1.6165% |
| 1922 | 16.533993 | 0.060481 | 1.3736% | 1921 | 16.309952 | 0.061312 | 2.3393% |
| 1920 | 15.937133 | 0.062747 | 1.3140% | 1919 | 15.730433 | 0.063571 | 0.7676% |
| 1918 | 15.610600 | 0.064059 | 0.3870% | 1917 | 15.550421 | 0.064307 | 1.3274% |
| 1916 | 15.346704 | 0.065161 | 1.4083% | 1915 | 15.133579 | 0.066078 | 1.4458% |
| 1914 | 14.917896 | 0.067034 | 1.9424% | 1913 | 14.633654 | 0.068336 | 1.9857% |
| 1912 | 14.348736 | 0.069693 | 1.5634% | 1911 | 14.127860 | 0.070782 | 1.8169% |
| 1910 | 13.875749 | 0.072068 | 1.8781% | 1909 | 13.619958 | 0.073422 | 2.0082% |
| 1908 | 13.351821 | 0.074896 | 1.9603% | 1907 | 13.095123 | 0.076364 | 1.8264% |
| 1906 | 12.860250 | 0.077759 | 1.9357% | 1905 | 12.616045 | 0.079264 | 2.0148% |
| 1904 | 12.366872 | 0.080861 | 2.1335% | 1903 | 12.108534 | 0.082586 | 1.8151% |
| 1902 | 11.892664 | 0.084085 | 1.8943% | 1901 | 11.671564 | 0.085678 | 3.0255% |
| 1900 | 11.328811 | 0.088271 | 0.6278% | 1899 | 11.258128 | 0.088825 | 1.7757% |
| 1898 | 11.061710 | 0.090402 | 1.8078% | 1897 | 10.865292 | 0.092036 | 1.8396% |
| 1896 | 10.669025 | 0.093729 | 1.8755% | 1895 | 10.472607 | 0.095487 | 1.9114% |
| 1894 | 10.276189 | 0.097312 | 1.9486% | 1893 | 10.079771 | 0.099209 | 1.9858% |
| 1892 | 9.883504 | 0.101179 | 2.0276% | 1891 | 9.687086 | 0.103230 | 2.6465% |
| 1890 | 9.437326 | 0.105962 | 1.5328% | 1889 | 9.294852 | 0.107586 | 2.0811% |
| 1888 | 9.105358 | 0.109825 | 2.1599% | 1887 | 8.912854 | 0.112198 | 2.2075% |
| 1886 | 8.720349 | 0.114674 | 2.2592% | 1885 | 8.527694 | 0.117265 | 2.3095% |
| 1884 | 8.335190 | 0.119973 | 2.3641% | 1883 | 8.142685 | 0.122810 | 2.4214% |
| 1882 | 7.950181 | 0.125783 | 2.4815% | 1881 | 7.757676 | 0.128905 | 3.7644% |
| 1880 | 7.476241 | 0.133757 | 0.9432% | 1879 | 7.406382 | 0.135019 | 2.1464% |
| 1878 | 7.250753 | 0.137917 | 2.1913% | 1877 | 7.095274 | 0.140939 | 2.2426% |
| 1876 | 6.939645 | 0.144100 | 2.2941% | 1875 | 6.784016 | 0.147405 | 2.3456% |
| 1874 | 6.628537 | 0.150863 | 2.4043% | 1873 | 6.472908 | 0.154490 | 2.4635% |
| 1872 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 6.317279 | 0.158296 | 2.5258% | 1871 | 6.161650 | 0.162294 | 5.9947% | 1870 |
| 5.813169 | 0.172023 | -1.0968% | 1869 | 5.877634 | 0.170136 | 2.1930% | 1868 |
| 5.751505 | 0.173868 | 2.2394% | 1867 | 5.625527 | 0.177761 | 2.2935% | 1866 |
| 5.499398 | 0.181838 | 2.3445% | 1865 | 5.373420 | 0.186101 | 2.4037% | 1864 |
| 5.247291 | 0.190575 | 2.4599% | 1863 | 5.121312 | 0.195262 | 2.5250% | 1862 |
| 4.995184 | 0.200193 | 2.5872% | 1861 | 4.869205 | 0.205372 | 2.9504% | 1860 |
| 4.729661 | 0.211432 | 2.4012% | 1859 | 4.618754 | 0.216509 | 2.7627% | 1858 |
| 4.494582 | 0.222490 | 2.8412% | 1857 | 4.370409 | 0.228812 | 2.9243% | 1856 |
| 4.246237 | 0.235503 | 3.0161% | 1855 | 4.121915 | 0.242606 | 3.1061% | 1854 |
| 3.997742 | 0.250141 | 3.2056% | 1853 | 3.873570 | 0.258160 | 3.3118% | 1852 |
| 3.749398 | 0.266709 | 3.4252% | 1851 | 3.625226 | 0.275845 | 4.0106% | 1850 |
| 3.485439 | 0.286908 | 2.3254% | 1849 | 3.406231 | 0.293580 | 2.7841% | 1848 |
| 3.313967 | 0.301753 | 2.8590% | 1847 | 3.221854 | 0.310380 | 2.9432% | 1846 |
| 3.129741 | 0.319515 | 3.0324% | 1845 | 3.037628 | 0.329204 | 3.1325% | 1844 |
| 2.945364 | 0.339517 | 3.2284% | 1843 | 2.853251 | 0.350477 | 3.3361% | 1842 |
| 2.761138 | 0.362170 | 3.4512% | 1841 | 2.669025 | 0.374669 | 3.8105% | 1840 |
| 2.571055 | 0.388945 | 2.3861% | 1839 | 2.511138 | 0.398226 | 2.5824% | 1838 |
| 2.447923 | 0.408510 | 2.6573% | 1837 | 2.384557 | 0.419365 | 2.7232% | 1836 |
| 2.321343 | 0.430785 | 2.7994% | 1835 | 2.258128 | 0.442845 | 2.8871% | 1834 |
| 2.194762 | 0.455630 | 2.9657% | 1833 | 2.131547 | 0.469143 | 3.0563% | 1832 |
| 2.068332 | 0.483481 | 3.1604% | 1831 | 2.004967 | 0.498761 | 3.4660% | 1830 |
| 1.937803 | 0.516048 | 2.4653% | 1829 | 1.891180 | 0.528770 | 2.6804% | 1828 |
| 1.841812 | 0.542944 | 10.3427% | 1827 | 1.669175 | 0.599098 | -4.2314% | 1826 |
| 1.742926 | 0.573748 | 2.9150% | 1825 | 1.693558 | 0.590473 | 3.0026% | 1824 |
| 1.644190 | 0.608202 | 3.0955% | 1823 | 1.594822 | 0.627029 | 3.1944% | 1822 |
| 1.545455 | 0.647059 | 3.3102% | 1821 | 1.495936 | 0.668478 | 3.2277% | 1820 |
| 1.449161 | 0.690054 | 2.6573% | 1819 | 1.411650 | 0.708391 | 2.6261% | 1818 |
| 1.375527 | 0.726994 | 2.6969% | 1817 | 1.339404 | 0.746601 | 2.7717% | 1816 |
| 1.303281 | 0.767294 | 2.8507% | 1815 | 1.267158 | 0.789167 | 2.9343% | 1814 |
| 1.231036 | 0.812324 | 3.0231% | 1813 | 1.194913 | 0.836881 | 3.1039% | 1812 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.158940 | 0.862857 | 3.2172% | 1811 | 1.122818 | 0.890617 | 3.0969% | 1810 |
| 1.089089 | 0.918198 | 2.9144% | 1809 | 1.058248 | 0.944958 | 2.8225% | 1808 |
| 1.029199 | 0.971629 | 2.9199% | 1807 | 1.000000 | 1.000000 | 2.9918% | 1806 |
| 0.970951 | 1.029918 | 3.0841% | 1805 | 0.941902 | 1.061681 | 3.1822% | 1804 |
| 0.912854 | 1.095466 | 3.2868% | 1803 | 0.883805 | 1.131471 | 3.3985% | 1802 |
| 0.854756 | 1.169924 | 3.5180% | 1801 | 0.825707 | 1.211083 | 3.3999% | 1800 |
| 0.798557 | 1.252259 | 2.8419% | 1799 | 0.776490 | 1.287846 | 2.7485% | 1798 |
| 0.755719 | 1.323242 | 2.8261% | 1797 | 0.734949 | 1.360639 | 3.7832% | 1796 |
| 0.708158 | 1.412115 | 2.1272% | 1795 | 0.693408 | 1.442153 | 3.0879% | 1794 |
| 0.672637 | 1.486686 | 3.1625% | 1793 | 0.652017 | 1.533703 | 3.2904% | 1792 |
| 0.631246 | 1.584168 | 3.4024% | 1791 | 0.610476 | 1.638067 | 3.2296% | 1790 |
| 0.591377 | 1.690969 | 41.3145% | 1780 | 0.418483 | 2.389584 | 29.4353% | 1770 |
| 0.323314 | 3.092966 | 83.4728% | 1750 | 0.176219 | 5.674752 | 29.2845% | 1740 |
| 0.136303 | 7.336572 | 94.2514% | 1720 | 0.070169 | 14.251394 | 85.8111% | 1700 |
| 0.037763 | 26.480670 | 19.2490% | 1690 | 0.031668 | 31.577947 | 88.0250% | 1670 |
| 0.016842 | 59.374441 | | | | | | |

BASE YEAR: 1806

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 46.726143 | 0.021401 | 8.2857% | 2001 | 43.150814 | 0.023175 | 1.0000% |
| 2000 | 42.723573 | 0.023406 | 1.0000% | 1999 | 42.300568 | 0.023640 | 1.0000% |
| 1998 | 41.881750 | 0.023877 | 1.0000% | 1997 | 41.467079 | 0.024116 | 1.0000% |
| 1996 | 41.056514 | 0.024357 | 1.0000% | 1995 | 40.650014 | 0.024600 | 0.9992% |
| 1994 | 40.247849 | 0.024846 | 1.0008% | 1993 | 39.849048 | 0.025095 | 1.0000% |
| 1992 | 39.454503 | 0.025346 | 0.9295% | 1991 | 39.091149 | 0.025581 | 1.2505% |
| 1990 | 38.608345 | 0.025901 | 0.7224% | 1989 | 38.331421 | 0.026088 | 1.1077% |
| 1988 | 37.911487 | 0.026377 | 0.8834% | 1987 | 37.579523 | 0.026610 | 0.5594% |
| 1986 | 37.370485 | 0.026759 | 1.3056% | 1985 | 36.888854 | 0.027108 | 0.7673% |
| 1984 | 36.607968 | 0.027316 | 0.8149% | 1983 | 36.312045 | 0.027539 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 35.961866 | 0.027807 | 0.9508% | 1981 | 35.623159 | 0.028072 | 0.9031% |
| 1980 | 35.304338 | 0.028325 | 2.2701% | 1979 | 34.520694 | 0.028968 | 1.0042% |
| 1978 | 34.177492 | 0.029259 | 0.9896% | 1977 | 33.842583 | 0.029549 | 0.9103% |
| 1976 | 33.537281 | 0.029818 | 0.8394% | 1975 | 33.258100 | 0.030068 | 0.9042% |
| 1974 | 32.960084 | 0.030340 | 1.1568% | 1973 | 32.583165 | 0.030691 | 0.9427% |
| 1972 | 32.278871 | 0.030980 | 0.7426% | 1971 | 32.040924 | 0.031210 | 1.4697% |
| 1970 | 31.576827 | 0.031669 | 0.6968% | 1969 | 31.358317 | 0.031889 | 0.8565% |
| 1968 | 31.092001 | 0.032163 | 1.5090% | 1967 | 30.629786 | 0.032648 | 0.9949% |
| 1966 | 30.328050 | 0.032973 | 1.0575% | 1965 | 30.010696 | 0.033321 | 1.1300% |
| 1964 | 29.675360 | 0.033698 | 1.5537% | 1963 | 29.221361 | 0.034222 | 1.4658% |
| 1962 | 28.799217 | 0.034723 | 1.5364% | 1961 | 28.363432 | 0.035257 | 2.1586% |
| 1960 | 27.764105 | 0.036018 | -1.6655% | 1959 | 28.234344 | 0.035418 | 4.3080% |
| 1958 | 27.068245 | 0.036944 | 2.1130% | 1957 | 26.508138 | 0.037724 | 1.9895% |
| 1956 | 25.991048 | 0.038475 | 2.1231% | 1955 | 25.450705 | 0.039292 | 1.4496% |
| 1954 | 25.087041 | 0.039861 | 2.1573% | 1953 | 24.557278 | 0.040721 | 1.2298% |
| 1952 | 24.258952 | 0.041222 | 1.6814% | 1951 | 23.857813 | 0.041915 | 1.6233% |
| 1950 | 23.476721 | 0.042595 | 1.4265% | 1949 | 23.146528 | 0.043203 | 1.7790% |
| 1948 | 22.741939 | 0.043972 | 1.8242% | 1947 | 22.334522 | 0.044774 | -2.6320% |
| 1946 | 22.938265 | 0.043595 | 3.1768% | 1945 | 22.231999 | 0.044980 | 6.4754% |
| 1944 | 20.879936 | 0.047893 | -0.3437% | 1943 | 20.951943 | 0.047728 | 0.6562% |
| 1942 | 20.815348 | 0.048041 | 0.6633% | 1941 | 20.678189 | 0.048360 | -5.6614% |
| 1940 | 21.919125 | 0.045622 | 8.0381% | 1939 | 20.288327 | 0.049289 | 0.8126% |
| 1938 | 20.124787 | 0.049690 | 0.7762% | 1937 | 19.969772 | 0.050076 | 0.6029% |
| 1936 | 19.850101 | 0.050378 | 0.5244% | 1935 | 19.746551 | 0.050642 | -3.0364% |
| 1934 | 20.364905 | 0.049104 | 4.6271% | 1933 | 19.464269 | 0.051376 | 1.3921% |
| 1932 | 19.197024 | 0.052091 | -0.2051% | 1931 | 19.236475 | 0.051985 | 0.8886% |
| 1930 | 19.067046 | 0.052447 | 1.0126% | 1929 | 18.875911 | 0.052978 | 1.1526% |
| 1928 | 18.660828 | 0.053588 | 1.2160% | 1927 | 18.436638 | 0.054240 | 1.4086% |
| 1926 | 18.180550 | 0.055004 | 1.7667% | 1925 | 17.864933 | 0.055976 | 1.4465% |
| 1924 | 17.610200 | 0.056785 | 1.7700% | 1923 | 17.303926 | 0.057790 | 1.6165% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 17.028654 | 0.058725 | 1.3736% | 1921 | 16.797911 | 0.059531 | 2.3393% |
| 1920 | 16.413937 | 0.060924 | 1.3140% | 1919 | 16.201054 | 0.061724 | 0.7676% |
| 1918 | 16.077635 | 0.062198 | 0.3870% | 1917 | 16.015656 | 0.062439 | 1.3274% |
| 1916 | 15.805844 | 0.063268 | 1.4083% | 1915 | 15.586343 | 0.064159 | 1.4458% |
| 1914 | 15.364207 | 0.065086 | 1.9424% | 1913 | 15.071462 | 0.066351 | 1.9857% |
| 1912 | 14.778019 | 0.067668 | 1.5634% | 1911 | 14.550535 | 0.068726 | 1.8169% |
| 1910 | 14.290881 | 0.069975 | 1.8781% | 1909 | 14.027438 | 0.071289 | 2.0082% |
| 1908 | 13.751279 | 0.072721 | 1.9603% | 1907 | 13.486901 | 0.074146 | 1.8264% |
| 1906 | 13.245001 | 0.075500 | 1.9357% | 1905 | 12.993489 | 0.076962 | 2.0148% |
| 1904 | 12.736863 | 0.078512 | 2.1335% | 1903 | 12.470795 | 0.080187 | 1.8151% |
| 1902 | 12.248467 | 0.081643 | 1.8943% | 1901 | 12.020752 | 0.083189 | 3.0255% |
| 1900 | 11.667744 | 0.085706 | 0.6278% | 1899 | 11.594947 | 0.086244 | 1.7757% |
| 1898 | 11.392652 | 0.087776 | 1.8078% | 1897 | 11.190358 | 0.089363 | 1.8396% |
| 1896 | 10.988219 | 0.091007 | 1.8755% | 1895 | 10.785925 | 0.092713 | 1.9114% |
| 1894 | 10.583630 | 0.094486 | 1.9486% | 1893 | 10.381336 | 0.096327 | 1.9858% |
| 1892 | 10.179197 | 0.098240 | 2.0276% | 1891 | 9.976903 | 0.100232 | 2.6465% |
| 1890 | 9.719670 | 0.102884 | 1.5328% | 1889 | 9.572934 | 0.104461 | 2.0811% |
| 1888 | 9.377771 | 0.106635 | 2.1599% | 1887 | 9.179507 | 0.108938 | 2.2075% |
| 1886 | 8.981243 | 0.111343 | 2.2592% | 1885 | 8.782824 | 0.113859 | 2.3095% |
| 1884 | 8.584561 | 0.116488 | 2.3641% | 1883 | 8.386297 | 0.119242 | 2.4214% |
| 1882 | 8.188033 | 0.122129 | 2.4815% | 1881 | 7.989769 | 0.125160 | 3.7644% |
| 1880 | 7.699914 | 0.129872 | 0.9432% | 1879 | 7.627965 | 0.131097 | 2.1464% |
| 1878 | 7.467679 | 0.133910 | 2.1913% | 1877 | 7.307549 | 0.136845 | 2.2426% |
| 1876 | 7.147264 | 0.139914 | 2.2941% | 1875 | 6.986979 | 0.143123 | 2.3456% |
| 1874 | 6.826849 | 0.146480 | 2.4043% | 1873 | 6.666563 | 0.150002 | 2.4635% |
| 1872 | 6.506278 | 0.153698 | 2.5258% | 1871 | 6.345993 | 0.157580 | 5.9947% |
| 1870 | 5.987086 | 0.167026 | -1.0968% | 1869 | 6.053480 | 0.165194 | 2.1930% |
| 1868 | 5.923578 | 0.168817 | 2.2394% | 1867 | 5.793830 | 0.172597 | 2.2935% |
| 1866 | 5.663928 | 0.176556 | 2.3445% | 1865 | 5.534181 | 0.180695 | 2.4037% |
| 1864 | 5.404278 | 0.185039 | 2.4599% | 1863 | 5.274531 | 0.189590 | 2.5250% |
| 1862 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 5.144629 | 0.194377 | 2.5872% | 1861 | 5.014881 | 0.199407 | 2.9504% | 1860 |
| 4.871162 | 0.205290 | 2.4012% | 1859 | 4.756937 | 0.210219 | 2.7627% | 1858 |
| 4.629050 | 0.216027 | 2.8412% | 1857 | 4.501163 | 0.222165 | 2.9243% | 1856 |
| 4.373275 | 0.228662 | 3.0161% | 1855 | 4.245233 | 0.235558 | 3.1061% | 1854 |
| 4.117346 | 0.242875 | 3.2056% | 1853 | 3.989459 | 0.250661 | 3.3118% | 1852 |
| 3.861572 | 0.258962 | 3.4252% | 1851 | 3.733685 | 0.267832 | 4.0106% | 1850 |
| 3.589715 | 0.278574 | 2.3254% | 1849 | 3.508138 | 0.285051 | 2.7841% | 1848 |
| 3.413114 | 0.292988 | 2.8590% | 1847 | 3.318245 | 0.301364 | 2.9432% | 1846 |
| 3.223376 | 0.310234 | 3.0324% | 1845 | 3.128507 | 0.319641 | 3.1325% | 1844 |
| 3.033483 | 0.329654 | 3.2284% | 1843 | 2.938614 | 0.340296 | 3.3361% | 1842 |
| 2.843745 | 0.351649 | 3.4512% | 1841 | 2.748876 | 0.363785 | 3.8105% | 1840 |
| 2.647975 | 0.377647 | 2.3861% | 1839 | 2.586266 | 0.386658 | 2.5824% | 1838 |
| 2.521160 | 0.396643 | 2.6573% | 1837 | 2.455898 | 0.407183 | 2.7232% | 1836 |
| 2.390792 | 0.418271 | 2.7994% | 1835 | 2.325686 | 0.429981 | 2.8871% | 1834 |
| 2.260425 | 0.442395 | 2.9657% | 1833 | 2.195319 | 0.455515 | 3.0563% | 1832 |
| 2.130212 | 0.469437 | 3.1604% | 1831 | 2.064951 | 0.484273 | 3.4660% | 1830 |
| 1.995778 | 0.501058 | 2.4653% | 1829 | 1.947760 | 0.513410 | 2.6804% | 1828 |
| 1.896915 | 0.527172 | 10.3427% | 1827 | 1.719113 | 0.581695 | -4.2314% | 1826 |
| 1.795071 | 0.557081 | 2.9150% | 1825 | 1.744226 | 0.573320 | 3.0026% | 1824 |
| 1.693381 | 0.590535 | 3.0955% | 1823 | 1.642536 | 0.608815 | 3.1944% | 1822 |
| 1.591691 | 0.628263 | 3.3102% | 1821 | 1.540691 | 0.649059 | 3.2277% | 1820 |
| 1.492517 | 0.670009 | 2.6573% | 1819 | 1.453883 | 0.687813 | 2.6261% | 1818 |
| 1.416680 | 0.705876 | 2.6969% | 1817 | 1.379476 | 0.724913 | 2.7717% | 1816 |
| 1.342273 | 0.745005 | 2.8507% | 1815 | 1.305069 | 0.766243 | 2.9343% | 1814 |
| 1.267865 | 0.788727 | 3.0231% | 1813 | 1.230662 | 0.812571 | 3.1039% | 1812 |
| 1.193613 | 0.837792 | 3.2172% | 1811 | 1.156410 | 0.864745 | 3.0969% | 1810 |
| 1.121673 | 0.891526 | 2.9144% | 1809 | 1.089909 | 0.917508 | 2.8225% | 1808 |
| 1.059991 | 0.943405 | 2.9199% | 1807 | 1.029918 | 0.970951 | 2.9918% | 1806 |
| 1.000000 | 1.000000 | 3.0841% | 1805 | 0.970082 | 1.030841 | 3.1822% | 1804 |
| 0.940164 | 1.063644 | 3.2868% | 1803 | 0.910246 | 1.098604 | 3.3985% | 1802 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.880329 | 1.135939 | 3.5180% | 1801 | 0.850411 | 1.175902 | 3.3999% | 1800 |
| 0.822448 | 1.215882 | 2.8419% | 1799 | 0.799721 | 1.250436 | 2.7485% | 1798 |
| 0.778329 | 1.284804 | 2.8261% | 1797 | 0.756937 | 1.321114 | 3.7832% | 1796 |
| 0.729344 | 1.371095 | 2.1272% | 1795 | 0.714153 | 1.400260 | 3.0879% | 1794 |
| 0.692761 | 1.443500 | 3.1625% | 1793 | 0.671524 | 1.489151 | 3.2904% | 1792 |
| 0.650132 | 1.538150 | 3.4024% | 1791 | 0.628740 | 1.590483 | 3.2296% | 1790 |
| 0.609069 | 1.641849 | 41.3145% | 1780 | 0.431003 | 2.320170 | 29.4353% | 1770 |
| 0.332987 | 3.003119 | 83.4728% | 1750 | 0.181491 | 5.509908 | 29.2845% | 1740 |
| 0.140381 | 7.123454 | 94.2514% | 1720 | 0.072268 | 13.837409 | 85.8111% | 1700 |
| 0.038893 | 25.711439 | 19.2490% | 1690 | 0.032615 | 30.660646 | 88.0250% | 1670 |
| 0.017346 | 57.649687 | | | | | | |

BASE YEAR: 1805

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 48.167202 | 0.020761 | 8.2857% | 2001 | 44.481607 | 0.022481 | 1.0000% |
| 2000 | 44.041191 | 0.022706 | 1.0000% | 1999 | 43.605139 | 0.022933 | 1.0000% |
| 1998 | 43.173405 | 0.023162 | 1.0000% | 1997 | 42.745946 | 0.023394 | 1.0000% |
| 1996 | 42.322719 | 0.023628 | 1.0000% | 1995 | 41.903682 | 0.023864 | 0.9992% |
| 1994 | 41.489113 | 0.024103 | 1.0008% | 1993 | 41.078014 | 0.024344 | 1.0000% |
| 1992 | 40.671301 | 0.024587 | 0.9295% | 1991 | 40.296740 | 0.024816 | 1.2505% |
| 1990 | 39.799047 | 0.025126 | 0.7224% | 1989 | 39.513583 | 0.025308 | 1.1077% |
| 1988 | 39.080697 | 0.025588 | 0.8834% | 1987 | 38.738495 | 0.025814 | 0.5594% |
| 1986 | 38.523011 | 0.025959 | 1.3056% | 1985 | 38.026526 | 0.026297 | 0.7673% |
| 1984 | 37.736977 | 0.026499 | 0.8149% | 1983 | 37.431927 | 0.026715 | 0.9737% |
| 1982 | 37.070949 | 0.026975 | 0.9508% | 1981 | 36.721796 | 0.027232 | 0.9031% |
| 1980 | 36.393142 | 0.027478 | 2.2701% | 1979 | 35.585331 | 0.028101 | 1.0042% |
| 1978 | 35.231544 | 0.028384 | 0.9896% | 1977 | 34.886306 | 0.028665 | 0.9103% |
| 1976 | 34.571588 | 0.028925 | 0.8394% | 1975 | 34.283797 | 0.029168 | 0.9042% |
| 1974 | 33.976590 | 0.029432 | 1.1568% | 1973 | 33.588047 | 0.029772 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 33.274369 | 0.030053 | 0.7426% | 1971 | 33.029083 | 0.030276 | 1.4697% |
| 1970 | 32.550673 | 0.030721 | 0.6968% | 1969 | 32.325423 | 0.030935 | 0.8565% |
| 1968 | 32.050895 | 0.031200 | 1.5090% | 1967 | 31.574425 | 0.031671 | 0.9949% |
| 1966 | 31.263383 | 0.031986 | 1.0575% | 1965 | 30.936242 | 0.032325 | 1.1300% |
| 1964 | 30.590564 | 0.032690 | 1.5537% | 1963 | 30.122563 | 0.033198 | 1.4658% |
| 1962 | 29.687400 | 0.033684 | 1.5364% | 1961 | 29.238175 | 0.034202 | 2.1586% |
| 1960 | 28.620365 | 0.034940 | -1.6655% | 1959 | 29.105105 | 0.034358 | 4.3080% |
| 1958 | 27.903044 | 0.035838 | 2.1130% | 1957 | 27.325663 | 0.036596 | 1.9895% |
| 1956 | 26.792625 | 0.037324 | 2.1231% | 1955 | 26.235618 | 0.038116 | 1.4496% |
| 1954 | 25.860738 | 0.038669 | 2.1573% | 1953 | 25.314637 | 0.039503 | 1.2298% |
| 1952 | 25.007111 | 0.039989 | 1.6814% | 1951 | 24.593600 | 0.040661 | 1.6233% |
| 1950 | 24.200756 | 0.041321 | 1.4265% | 1949 | 23.860379 | 0.041910 | 1.7790% |
| 1948 | 23.443313 | 0.042656 | 1.8242% | 1947 | 23.023330 | 0.043434 | -2.6320% |
| 1946 | 23.645694 | 0.042291 | 3.1768% | 1945 | 22.917645 | 0.043635 | 6.4754% |
| 1944 | 21.523884 | 0.046460 | -0.3437% | 1943 | 21.598112 | 0.046300 | 0.6562% |
| 1942 | 21.457304 | 0.046604 | 0.6633% | 1941 | 21.315916 | 0.046913 | -5.6614% |
| 1940 | 22.595122 | 0.044257 | 8.0381% | 1939 | 20.914030 | 0.047815 | 0.8126% |
| 1938 | 20.745446 | 0.048203 | 0.7762% | 1937 | 20.585650 | 0.048578 | 0.6029% |
| 1936 | 20.462288 | 0.048870 | 0.5244% | 1935 | 20.355545 | 0.049127 | -3.0364% |
| 1934 | 20.992969 | 0.047635 | 4.6271% | 1933 | 20.064557 | 0.049839 | 1.3921% |
| 1932 | 19.789070 | 0.050533 | -0.2051% | 1931 | 19.829738 | 0.050429 | 0.8886% |
| 1930 | 19.655083 | 0.050877 | 1.0126% | 1929 | 19.458054 | 0.051393 | 1.1526% |
| 1928 | 19.236337 | 0.051985 | 1.2160% | 1927 | 19.005233 | 0.052617 | 1.4086% |
| 1926 | 18.741248 | 0.053358 | 1.7667% | 1925 | 18.415896 | 0.054301 | 1.4465% |
| 1924 | 18.153308 | 0.055086 | 1.7700% | 1923 | 17.837588 | 0.056061 | 1.6165% |
| 1922 | 17.553827 | 0.056968 | 1.3736% | 1921 | 17.315967 | 0.057750 | 2.3393% |
| 1920 | 16.920152 | 0.059101 | 1.3140% | 1919 | 16.700703 | 0.059878 | 0.7676% |
| 1918 | 16.573478 | 0.060337 | 0.3870% | 1917 | 16.509588 | 0.060571 | 1.3274% |
| 1916 | 16.293305 | 0.061375 | 1.4083% | 1915 | 16.067034 | 0.062239 | 1.4458% |
| 1914 | 15.838047 | 0.063139 | 1.9424% | 1913 | 15.536274 | 0.064365 | 1.9857% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 15.233781 | 0.065644 | 1.5634% | 1911 | 14.999281 | 0.066670 | 1.8169% |
| 1910 | 14.731620 | 0.067881 | 1.8781% | 1909 | 14.460051 | 0.069156 | 2.0082% |
| 1908 | 14.175376 | 0.070545 | 1.9603% | 1907 | 13.902844 | 0.071928 | 1.8264% |
| 1906 | 13.653484 | 0.073241 | 1.9357% | 1905 | 13.394215 | 0.074659 | 2.0148% |
| 1904 | 13.129674 | 0.076163 | 2.1335% | 1903 | 12.855401 | 0.077788 | 1.8151% |
| 1902 | 12.626216 | 0.079200 | 1.8943% | 1901 | 12.391478 | 0.080701 | 3.0255% |
| 1900 | 12.027584 | 0.083142 | 0.6278% | 1899 | 11.952541 | 0.083664 | 1.7757% |
| 1898 | 11.744008 | 0.085150 | 1.8078% | 1897 | 11.535475 | 0.086689 | 1.8396% |
| 1896 | 11.327101 | 0.088284 | 1.8755% | 1895 | 11.118568 | 0.089940 | 1.9114% |
| 1894 | 10.910035 | 0.091659 | 1.9486% | 1893 | 10.701502 | 0.093445 | 1.9858% |
| 1892 | 10.493129 | 0.095300 | 2.0276% | 1891 | 10.284596 | 0.097233 | 2.6465% |
| 1890 | 10.019430 | 0.099806 | 1.5328% | 1889 | 9.868169 | 0.101336 | 2.0811% |
| 1888 | 9.666986 | 0.103445 | 2.1599% | 1887 | 9.462608 | 0.105679 | 2.2075% |
| 1886 | 9.258229 | 0.108012 | 2.2592% | 1885 | 9.053691 | 0.110452 | 2.3095% |
| 1884 | 8.849313 | 0.113003 | 2.3641% | 1883 | 8.644934 | 0.115675 | 2.4214% |
| 1882 | 8.440556 | 0.118476 | 2.4815% | 1881 | 8.236178 | 0.121416 | 3.7644% |
| 1880 | 7.937383 | 0.125986 | 0.9432% | 1879 | 7.863215 | 0.127174 | 2.1464% |
| 1878 | 7.697987 | 0.129904 | 2.1913% | 1877 | 7.532918 | 0.132751 | 2.2426% |
| 1876 | 7.367689 | 0.135728 | 2.2941% | 1875 | 7.202461 | 0.138841 | 2.3456% |
| 1874 | 7.037392 | 0.142098 | 2.4043% | 1873 | 6.872164 | 0.145515 | 2.4635% |
| 1872 | 6.706935 | 0.149099 | 2.5258% | 1871 | 6.541707 | 0.152865 | 5.9947% |
| 1870 | 6.171731 | 0.162029 | -1.0968% | 1869 | 6.240173 | 0.160252 | 2.1930% |
| 1868 | 6.106264 | 0.163766 | 2.2394% | 1867 | 5.972515 | 0.167434 | 2.2935% |
| 1866 | 5.838607 | 0.171274 | 2.3445% | 1865 | 5.704858 | 0.175289 | 2.4037% |
| 1864 | 5.570949 | 0.179503 | 2.4599% | 1863 | 5.437200 | 0.183918 | 2.5250% |
| 1862 | 5.303292 | 0.188562 | 2.5872% | 1861 | 5.169543 | 0.193441 | 2.9504% |
| 1860 | 5.021391 | 0.199148 | 2.4012% | 1859 | 4.903643 | 0.203930 | 2.7627% |
| 1858 | 4.771812 | 0.209564 | 2.8412% | 1857 | 4.639981 | 0.215518 | 2.9243% |
| 1856 | 4.508150 | 0.221821 | 3.0161% | 1855 | 4.376159 | 0.228511 | 3.1061% |
| 1854 | 4.244327 | 0.235609 | 3.2056% | 1853 | 4.112496 | 0.243161 | 3.3118% |
| 1852 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 3.980665 | 0.251214 | 3.4252% | 1851 | 3.848833 | 0.259819 | 4.0106% | 1850 |
| 3.700424 | 0.270239 | 2.3254% | 1849 | 3.616331 | 0.276523 | 2.7841% | 1848 |
| 3.518376 | 0.284222 | 2.8590% | 1847 | 3.420582 | 0.292348 | 2.9432% | 1846 |
| 3.322787 | 0.300952 | 3.0324% | 1845 | 3.224992 | 0.310078 | 3.1325% | 1844 |
| 3.127037 | 0.319792 | 3.2284% | 1843 | 3.029243 | 0.330116 | 3.3361% | 1842 |
| 2.931448 | 0.341128 | 3.4512% | 1841 | 2.833653 | 0.352901 | 3.8105% | 1840 |
| 2.729640 | 0.366349 | 2.3861% | 1839 | 2.666027 | 0.375090 | 2.5824% | 1838 |
| 2.598913 | 0.384776 | 2.6573% | 1837 | 2.531640 | 0.395001 | 2.7232% | 1836 |
| 2.464525 | 0.405758 | 2.7994% | 1835 | 2.397411 | 0.417117 | 2.8871% | 1834 |
| 2.330137 | 0.429159 | 2.9657% | 1833 | 2.263023 | 0.441887 | 3.0563% | 1832 |
| 2.195909 | 0.455392 | 3.1604% | 1831 | 2.128635 | 0.469785 | 3.4660% | 1830 |
| 2.057329 | 0.486067 | 2.4653% | 1829 | 2.007830 | 0.498050 | 2.6804% | 1828 |
| 1.955417 | 0.511400 | 10.3427% | 1827 | 1.772132 | 0.564292 | -4.2314% | 1826 |
| 1.850431 | 0.540415 | 2.9150% | 1825 | 1.798019 | 0.556168 | 3.0026% | 1824 |
| 1.745606 | 0.572867 | 3.0955% | 1823 | 1.693193 | 0.590600 | 3.1944% | 1822 |
| 1.640780 | 0.609466 | 3.3102% | 1821 | 1.588207 | 0.629641 | 3.2277% | 1820 |
| 1.538547 | 0.649964 | 2.6573% | 1819 | 1.498722 | 0.667235 | 2.6261% | 1818 |
| 1.460371 | 0.684758 | 2.6969% | 1817 | 1.422020 | 0.703225 | 2.7717% | 1816 |
| 1.383669 | 0.722716 | 2.8507% | 1815 | 1.345318 | 0.743319 | 2.9343% | 1814 |
| 1.306967 | 0.765130 | 3.0231% | 1813 | 1.268616 | 0.788260 | 3.1039% | 1812 |
| 1.230425 | 0.812727 | 3.2172% | 1811 | 1.192074 | 0.838874 | 3.0969% | 1810 |
| 1.156266 | 0.864853 | 2.9144% | 1809 | 1.123522 | 0.890058 | 2.8225% | 1808 |
| 1.092681 | 0.915180 | 2.9199% | 1807 | 1.061681 | 0.941902 | 2.9918% | 1806 |
| 1.030841 | 0.970082 | 3.0841% | 1805 | 1.000000 | 1.000000 | 3.1822% | 1804 |
| 0.969159 | 1.031822 | 3.2868% | 1803 | 0.938319 | 1.065736 | 3.3985% | 1802 |
| 0.907478 | 1.101955 | 3.5180% | 1801 | 0.876638 | 1.140722 | 3.3999% | 1800 |
| 0.847813 | 1.179506 | 2.8419% | 1799 | 0.824385 | 1.213026 | 2.7485% | 1798 |
| 0.802333 | 1.246365 | 2.8261% | 1797 | 0.780281 | 1.281589 | 3.7832% | 1796 |
| 0.751838 | 1.330074 | 2.1272% | 1795 | 0.736178 | 1.358368 | 3.0879% | 1794 |
| 0.714126 | 1.400313 | 3.1625% | 1793 | 0.692234 | 1.444598 | 3.2904% | 1792 |

0.670182 1.492132 3.4024% 1791 0.648130 1.542899 3.2296% 1790
0.627853 1.592728 41.3145% 1780 0.444295 2.250755 29.4353% 1770
0.343257 2.913272 83.4728% 1750 0.187089 5.345063 29.2845% 1740
0.144711 6.910336 94.2514% 1720 0.074497 13.423423 85.8111% 1700
0.040093 24.942208 19.2490% 1690 0.033621 29.743346 88.0250% 1670
0.017881 55.924933

BASE YEAR: 1804

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 49.699975 | 0.020121 | 8.2857% | 2001 | 45.897098 | 0.021788 | 1.0000% |
| 2000 | 45.442666 | 0.022006 | 1.0000% | 1999 | 44.992739 | 0.022226 | 1.0000% |
| 1998 | 44.547266 | 0.022448 | 1.0000% | 1997 | 44.106204 | 0.022673 | 1.0000% |
| 1996 | 43.669509 | 0.022899 | 1.0000% | 1995 | 43.237138 | 0.023128 | 0.9992% |
| 1994 | 42.809377 | 0.023359 | 1.0008% | 1993 | 42.385195 | 0.023593 | 1.0000% |
| 1992 | 41.965540 | 0.023829 | 0.9295% | 1991 | 41.579060 | 0.024051 | 1.2505% |
| 1990 | 41.065529 | 0.024351 | 0.7224% | 1989 | 40.770981 | 0.024527 | 1.1077% |
| 1988 | 40.324320 | 0.024799 | 0.8834% | 1987 | 39.971228 | 0.025018 | 0.5594% |
| 1986 | 39.748887 | 0.025158 | 1.3056% | 1985 | 39.236603 | 0.025486 | 0.7673% |
| 1984 | 38.937840 | 0.025682 | 0.8149% | 1983 | 38.623083 | 0.025891 | 0.9737% |
| 1982 | 38.250618 | 0.026143 | 0.9508% | 1981 | 37.890354 | 0.026392 | 0.9031% |
| 1980 | 37.551242 | 0.026630 | 2.2701% | 1979 | 36.717725 | 0.027235 | 1.0042% |
| 1978 | 36.352679 | 0.027508 | 0.9896% | 1977 | 35.996455 | 0.027781 | 0.9103% |
| 1976 | 35.671723 | 0.028033 | 0.8394% | 1975 | 35.374773 | 0.028269 | 0.9042% |
| 1974 | 35.057791 | 0.028524 | 1.1568% | 1973 | 34.656884 | 0.028854 | 0.9427% |
| 1972 | 34.333223 | 0.029126 | 0.7426% | 1971 | 34.080132 | 0.029343 | 1.4697% |
| 1970 | 33.586499 | 0.029774 | 0.6968% | 1969 | 33.354081 | 0.029981 | 0.8565% |
| 1968 | 33.070816 | 0.030238 | 1.5090% | 1967 | 32.579184 | 0.030694 | 0.9949% |
| 1966 | 32.258244 | 0.031000 | 1.0575% | 1965 | 31.920692 | 0.031328 | 1.1300% |
| 1964 | 31.564015 | 0.031682 | 1.5537% | 1963 | 31.081121 | 0.032174 | 1.4658% |
| 1962 | 30.632110 | 0.032645 | 1.5364% | 1961 | 30.168590 | 0.033147 | 2.1586% |
| 1960 | 29.531120 | 0.033863 | -1.6655% | 1959 | 30.031286 | 0.033299 | 4.3080% |
| 1958 | 28.790973 | 0.034733 | 2.1130% | 1957 | 28.195218 | 0.035467 | 1.9895% |
| 1956 | 27.645218 | 0.036173 | 2.1231% | 1955 | 27.070486 | 0.036941 | 1.4496% |
| 1954 | 26.683677 | 0.037476 | 2.1573% | 1953 | 26.120198 | 0.038285 | 1.2298% |
| 1952 | 25.802885 | 0.038755 | 1.6814% | 1951 | 25.376216 | 0.039407 | 1.6233% |
| 1950 | 24.970871 | 0.040047 | 1.4265% | 1949 | 24.619662 | 0.040618 | 1.7790% |
| 1948 | 24.189324 | 0.041341 | 1.8242% | 1947 | 23.755977 | 0.042095 | -2.6320% |
| 1946 | 24.398145 | 0.040987 | 3.1768% | 1945 | 23.646929 | 0.042289 | 6.4754% |
| 1944 | 22.208816 | 0.045027 | -0.3437% | 1943 | 22.285405 | 0.044872 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 22.140117 | 0.045167 | 0.6633% | 1941 | 21.994229 | 0.045466 | -5.6614% |
| 1940 | 23.314142 | 0.042892 | 8.0381% | 1939 | 21.579555 | 0.046340 | 0.8126% |
| 1938 | 21.405606 | 0.046717 | 0.7762% | 1937 | 21.240725 | 0.047079 | 0.6029% |
| 1936 | 21.113438 | 0.047363 | 0.5244% | 1935 | 21.003298 | 0.047612 | -3.0364% |
| 1934 | 21.661006 | 0.046166 | 4.6271% | 1933 | 20.703050 | 0.048302 | 1.3921% |
| 1932 | 20.418796 | 0.048974 | -0.2051% | 1931 | 20.460758 | 0.048874 | 0.8886% |
| 1930 | 20.280546 | 0.049308 | 1.0126% | 1929 | 20.077246 | 0.049808 | 1.1526% |
| 1928 | 19.848475 | 0.050382 | 1.2160% | 1927 | 19.610016 | 0.050994 | 1.4086% |
| 1926 | 19.337630 | 0.051713 | 1.7667% | 1925 | 19.001926 | 0.052626 | 1.4465% |
| 1924 | 18.730981 | 0.053387 | 1.7700% | 1923 | 18.405214 | 0.054332 | 1.6165% |
| 1922 | 18.112423 | 0.055211 | 1.3736% | 1921 | 17.866994 | 0.055969 | 2.3393% |
| 1920 | 17.458584 | 0.057278 | 1.3140% | 1919 | 17.232152 | 0.058031 | 0.7676% |
| 1918 | 17.100878 | 0.058477 | 0.3870% | 1917 | 17.034955 | 0.058703 | 1.3274% |
| 1916 | 16.811789 | 0.059482 | 1.4083% | 1915 | 16.578318 | 0.060320 | 1.4458% |
| 1914 | 16.342045 | 0.061192 | 1.9424% | 1913 | 16.030668 | 0.062380 | 1.9857% |
| 1912 | 15.718549 | 0.063619 | 1.5634% | 1911 | 15.476587 | 0.064614 | 1.8169% |
| 1910 | 15.200408 | 0.065788 | 1.8781% | 1909 | 14.920198 | 0.067023 | 2.0082% |
| 1908 | 14.626463 | 0.068369 | 1.9603% | 1907 | 14.345260 | 0.069709 | 1.8264% |
| 1906 | 14.087964 | 0.070983 | 1.9357% | 1905 | 13.820445 | 0.072357 | 2.0148% |
| 1904 | 13.547486 | 0.073814 | 2.1335% | 1903 | 13.264484 | 0.075389 | 1.8151% |
| 1902 | 13.028006 | 0.076758 | 1.8943% | 1901 | 12.785799 | 0.078212 | 3.0255% |
| 1900 | 12.410324 | 0.080578 | 0.6278% | 1899 | 12.332894 | 0.081084 | 1.7757% |
| 1898 | 12.117725 | 0.082524 | 1.8078% | 1897 | 11.902556 | 0.084016 | 1.8396% |
| 1896 | 11.687552 | 0.085561 | 1.8755% | 1895 | 11.472383 | 0.087166 | 1.9114% |
| 1894 | 11.257214 | 0.088832 | 1.9486% | 1893 | 11.042045 | 0.090563 | 1.9858% |
| 1892 | 10.827040 | 0.092361 | 2.0276% | 1891 | 10.611871 | 0.094234 | 2.6465% |
| 1890 | 10.338267 | 0.096728 | 1.5328% | 1889 | 10.182193 | 0.098211 | 2.0811% |
| 1888 | 9.974608 | 0.100255 | 2.1599% | 1887 | 9.763726 | 0.102420 | 2.2075% |
| 1886 | 9.552844 | 0.104681 | 2.2592% | 1885 | 9.341797 | 0.107046 | 2.3095% |
| 1884 | 9.130915 | 0.109518 | 2.3641% | 1883 | 8.920033 | 0.112107 | 2.4214% |
| 1882 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 8.709151 | 0.114822 | 2.4815% | 1881 | 8.498269 | 0.117671 | 3.7644% | 1880 |
| 8.189966 | 0.122101 | 0.9432% | 1879 | 8.113438 | 0.123252 | 2.1464% | 1878 |
| 7.942951 | 0.125898 | 2.1913% | 1877 | 7.772630 | 0.128657 | 2.2426% | 1876 |
| 7.602143 | 0.131542 | 2.2941% | 1875 | 7.431657 | 0.134559 | 2.3456% | 1874 |
| 7.261336 | 0.137716 | 2.4043% | 1873 | 7.090849 | 0.141027 | 2.4635% | 1872 |
| 6.920363 | 0.144501 | 2.5258% | 1871 | 6.749876 | 0.148151 | 5.9947% | 1870 |
| 6.368128 | 0.157032 | -1.0968% | 1869 | 6.438747 | 0.155310 | 2.1930% | 1868 |
| 6.300577 | 0.158716 | 2.2394% | 1867 | 6.162572 | 0.162270 | 2.2935% | 1866 |
| 6.024402 | 0.165992 | 2.3445% | 1865 | 5.886397 | 0.169883 | 2.4037% | 1864 |
| 5.748228 | 0.173967 | 2.4599% | 1863 | 5.610223 | 0.178246 | 2.5250% | 1862 |
| 5.472053 | 0.182747 | 2.5872% | 1861 | 5.334048 | 0.187475 | 2.9504% | 1860 |
| 5.181182 | 0.193006 | 2.4012% | 1859 | 5.059687 | 0.197641 | 2.7627% | 1858 |
| 4.923660 | 0.203101 | 2.8412% | 1857 | 4.787634 | 0.208871 | 2.9243% | 1856 |
| 4.651608 | 0.214979 | 3.0161% | 1855 | 4.515416 | 0.221464 | 3.1061% | 1854 |
| 4.379390 | 0.228342 | 3.2056% | 1853 | 4.243364 | 0.235662 | 3.3118% | 1852 |
| 4.107337 | 0.243467 | 3.4252% | 1851 | 3.971311 | 0.251806 | 4.0106% | 1850 |
| 3.818179 | 0.261905 | 2.3254% | 1849 | 3.731410 | 0.267995 | 2.7841% | 1848 |
| 3.630338 | 0.275456 | 2.8590% | 1847 | 3.529431 | 0.283332 | 2.9432% | 1846 |
| 3.428524 | 0.291671 | 3.0324% | 1845 | 3.327617 | 0.300515 | 3.1325% | 1844 |
| 3.226546 | 0.309929 | 3.2284% | 1843 | 3.125639 | 0.319935 | 3.3361% | 1842 |
| 3.024732 | 0.330608 | 3.4512% | 1841 | 2.923825 | 0.342018 | 3.8105% | 1840 |
| 2.816503 | 0.355050 | 2.3861% | 1839 | 2.750866 | 0.363522 | 2.5824% | 1838 |
| 2.681616 | 0.372909 | 2.6573% | 1837 | 2.612201 | 0.382819 | 2.7232% | 1836 |
| 2.542951 | 0.393244 | 2.7994% | 1835 | 2.473702 | 0.404252 | 2.8871% | 1834 |
| 2.404287 | 0.415924 | 2.9657% | 1833 | 2.335037 | 0.428259 | 3.0563% | 1832 |
| 2.265787 | 0.441348 | 3.1604% | 1831 | 2.196373 | 0.455296 | 3.4660% | 1830 |
| 2.122797 | 0.471077 | 2.4653% | 1829 | 2.071723 | 0.482690 | 2.6804% | 1828 |
| 2.017642 | 0.495628 | 10.3427% | 1827 | 1.828524 | 0.546889 | -4.2314% | 1826 |
| 1.909316 | 0.523748 | 2.9150% | 1825 | 1.855235 | 0.539015 | 3.0026% | 1824 |
| 1.801154 | 0.555200 | 3.0955% | 1823 | 1.747073 | 0.572386 | 3.1944% | 1822 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.692993 | 0.590670 | 3.3102% | 1821 | 1.638747 | 0.610222 | 3.2277% | 1820 |
| 1.587506 | 0.629919 | 2.6573% | 1819 | 1.546414 | 0.646657 | 2.6261% | 1818 |
| 1.506843 | 0.663639 | 2.6969% | 1817 | 1.467271 | 0.681537 | 2.7717% | 1816 |
| 1.427700 | 0.700427 | 2.8507% | 1815 | 1.388129 | 0.720394 | 2.9343% | 1814 |
| 1.348557 | 0.741533 | 3.0231% | 1813 | 1.308986 | 0.763950 | 3.1039% | 1812 |
| 1.269580 | 0.787662 | 3.2172% | 1811 | 1.230008 | 0.813003 | 3.0969% | 1810 |
| 1.193060 | 0.838181 | 2.9144% | 1809 | 1.159275 | 0.862608 | 2.8225% | 1808 |
| 1.127453 | 0.886955 | 2.9199% | 1807 | 1.095466 | 0.912854 | 2.9918% | 1806 |
| 1.063644 | 0.940164 | 3.0841% | 1805 | 1.031822 | 0.969159 | 3.1822% | 1804 |
| 1.000000 | 1.000000 | 3.2868% | 1803 | 0.968178 | 1.032868 | 3.3985% | 1802 |
| 0.936356 | 1.067970 | 3.5180% | 1801 | 0.904534 | 1.105541 | 3.3999% | 1800 |
| 0.874792 | 1.143129 | 2.8419% | 1799 | 0.850618 | 1.175615 | 2.7485% | 1798 |
| 0.827865 | 1.207927 | 2.8261% | 1797 | 0.805111 | 1.242064 | 3.7832% | 1796 |
| 0.775763 | 1.289054 | 2.1272% | 1795 | 0.759604 | 1.316475 | 3.0879% | 1794 |
| 0.736851 | 1.357127 | 3.1625% | 1793 | 0.714262 | 1.400046 | 3.2904% | 1792 |
| 0.691509 | 1.446113 | 3.4024% | 1791 | 0.668755 | 1.495316 | 3.2296% | 1790 |
| 0.647833 | 1.543608 | 41.3145% | 1780 | 0.458434 | 2.181341 | 29.4353% | 1770 |
| 0.354180 | 2.823425 | 83.4728% | 1750 | 0.193042 | 5.180219 | 29.2845% | 1740 |
| 0.149316 | 6.697217 | 94.2514% | 1720 | 0.076867 | 13.009438 | 85.8111% | 1700 |
| 0.041369 | 24.172977 | 19.2490% | 1690 | 0.034691 | 28.826046 | 88.0250% | 1670 |
| 0.018450 | 54.200179 | | | | | | |

BASE YEAR: 1803

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 51.333506 | 0.019480 | 8.2857% | 2001 | 47.405637 | 0.021095 | 1.0000% |
| 2000 | 46.936269 | 0.021305 | 1.0000% | 1999 | 46.471553 | 0.021519 | 1.0000% |
| 1998 | 46.011439 | 0.021734 | 1.0000% | 1997 | 45.555880 | 0.021951 | 1.0000% |
| 1996 | 45.104832 | 0.022171 | 1.0000% | 1995 | 44.658249 | 0.022392 | 0.9992% |
| 1994 | 44.216429 | 0.022616 | 1.0008% | 1993 | 43.778306 | 0.022842 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 43.344857 | 0.023071 | 0.9295% | 1991 | 42.945674 | 0.023285 | 1.2505% |
| 1990 | 42.415265 | 0.023576 | 0.7224% | 1989 | 42.111035 | 0.023747 | 1.1077% |
| 1988 | 41.649693 | 0.024010 | 0.8834% | 1987 | 41.284997 | 0.024222 | 0.5594% |
| 1986 | 41.055347 | 0.024357 | 1.3056% | 1985 | 40.526226 | 0.024675 | 0.7673% |
| 1984 | 40.217643 | 0.024865 | 0.8149% | 1983 | 39.892541 | 0.025067 | 0.9737% |
| 1982 | 39.507834 | 0.025311 | 0.9508% | 1981 | 39.135729 | 0.025552 | 0.9031% |
| 1980 | 38.785471 | 0.025783 | 2.2701% | 1979 | 37.924557 | 0.026368 | 1.0042% |
| 1978 | 37.547514 | 0.026633 | 0.9896% | 1977 | 37.179581 | 0.026896 | 0.9103% |
| 1976 | 36.844176 | 0.027141 | 0.8394% | 1975 | 36.537466 | 0.027369 | 0.9042% |
| 1974 | 36.210065 | 0.027617 | 1.1568% | 1973 | 35.795981 | 0.027936 | 0.9427% |
| 1972 | 35.461683 | 0.028199 | 0.7426% | 1971 | 35.200272 | 0.028409 | 1.4697% |
| 1970 | 34.690415 | 0.028826 | 0.6968% | 1969 | 34.450358 | 0.029027 | 0.8565% |
| 1968 | 34.157783 | 0.029276 | 1.5090% | 1967 | 33.649991 | 0.029718 | 0.9949% |
| 1966 | 33.318503 | 0.030013 | 1.0575% | 1965 | 32.969857 | 0.030331 | 1.1300% |
| 1964 | 32.601456 | 0.030673 | 1.5537% | 1963 | 32.102691 | 0.031150 | 1.4658% |
| 1962 | 31.638922 | 0.031607 | 1.5364% | 1961 | 31.160167 | 0.032092 | 2.1586% |
| 1960 | 30.501744 | 0.032785 | -1.6655% | 1959 | 31.018350 | 0.032239 | 4.3080% |
| 1958 | 29.737270 | 0.033628 | 2.1130% | 1957 | 29.121935 | 0.034338 | 1.9895% |
| 1956 | 28.553857 | 0.035022 | 2.1231% | 1955 | 27.960235 | 0.035765 | 1.4496% |
| 1954 | 27.560712 | 0.036284 | 2.1573% | 1953 | 26.978713 | 0.037066 | 1.2298% |
| 1952 | 26.650971 | 0.037522 | 1.6814% | 1951 | 26.210278 | 0.038153 | 1.6233% |
| 1950 | 25.791609 | 0.038772 | 1.4265% | 1949 | 25.428857 | 0.039325 | 1.7790% |
| 1948 | 24.984375 | 0.040025 | 1.8242% | 1947 | 24.536785 | 0.040755 | -2.6320% |
| 1946 | 25.200060 | 0.039682 | 3.1768% | 1945 | 24.424153 | 0.040943 | 6.4754% |
| 1944 | 22.938772 | 0.043594 | -0.3437% | 1943 | 23.017879 | 0.043444 | 0.6562% |
| 1942 | 22.867815 | 0.043730 | 0.6633% | 1941 | 22.717132 | 0.044020 | -5.6614% |
| 1940 | 24.080428 | 0.041528 | 8.0381% | 1939 | 22.288828 | 0.044866 | 0.8126% |
| 1938 | 22.109162 | 0.045230 | 0.7762% | 1937 | 21.938862 | 0.045581 | 0.6029% |
| 1936 | 21.807391 | 0.045856 | 0.5244% | 1935 | 21.693631 | 0.046096 | -3.0364% |
| 1934 | 22.372956 | 0.044697 | 4.6271% | 1933 | 21.383515 | 0.046765 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 21.089918 | 0.047416 | -0.2051% | 1931 | 21.133260 | 0.047319 | 0.8886% |
| 1930 | 20.947124 | 0.047739 | 1.0126% | 1929 | 20.737142 | 0.048223 | 1.1526% |
| 1928 | 20.500851 | 0.048778 | 1.2160% | 1927 | 20.254556 | 0.049372 | 1.4086% |
| 1926 | 19.973216 | 0.050067 | 1.7667% | 1925 | 19.626478 | 0.050952 | 1.4465% |
| 1924 | 19.346628 | 0.051689 | 1.7700% | 1923 | 19.010154 | 0.052603 | 1.6165% |
| 1922 | 18.707740 | 0.053454 | 1.3736% | 1921 | 18.454244 | 0.054188 | 2.3393% |
| 1920 | 18.032410 | 0.055456 | 1.3140% | 1919 | 17.798535 | 0.056184 | 0.7676% |
| 1918 | 17.662947 | 0.056616 | 0.3870% | 1917 | 17.594857 | 0.056835 | 1.3274% |
| 1916 | 17.364356 | 0.057589 | 1.4083% | 1915 | 17.123212 | 0.058400 | 1.4458% |
| 1914 | 16.879172 | 0.059245 | 1.9424% | 1913 | 16.557561 | 0.060395 | 1.9857% |
| 1912 | 16.235184 | 0.061595 | 1.5634% | 1911 | 15.985269 | 0.062558 | 1.8169% |
| 1910 | 15.700013 | 0.063694 | 1.8781% | 1909 | 15.410593 | 0.064890 | 2.0082% |
| 1908 | 15.107204 | 0.066194 | 1.9603% | 1907 | 14.816757 | 0.067491 | 1.8264% |
| 1906 | 14.551005 | 0.068724 | 1.9357% | 1905 | 14.274693 | 0.070054 | 2.0148% |
| 1904 | 13.992762 | 0.071466 | 2.1335% | 1903 | 13.700459 | 0.072990 | 1.8151% |
| 1902 | 13.456209 | 0.074315 | 1.8943% | 1901 | 13.206041 | 0.075723 | 3.0255% |
| 1900 | 12.818225 | 0.078014 | 0.6278% | 1899 | 12.738249 | 0.078504 | 1.7757% |
| 1898 | 12.516008 | 0.079898 | 1.8078% | 1897 | 12.293767 | 0.081342 | 1.8396% |
| 1896 | 12.071696 | 0.082838 | 1.8755% | 1895 | 11.849455 | 0.084392 | 1.9114% |
| 1894 | 11.627214 | 0.086005 | 1.9486% | 1893 | 11.404973 | 0.087681 | 1.9858% |
| 1892 | 11.182902 | 0.089422 | 2.0276% | 1891 | 10.960661 | 0.091235 | 2.6465% |
| 1890 | 10.678064 | 0.093650 | 1.5328% | 1889 | 10.516860 | 0.095085 | 2.0811% |
| 1888 | 10.302452 | 0.097064 | 2.1599% | 1887 | 10.084639 | 0.099161 | 2.2075% |
| 1886 | 9.866826 | 0.101350 | 2.2592% | 1885 | 9.648842 | 0.103639 | 2.3095% |
| 1884 | 9.431029 | 0.106033 | 2.3641% | 1883 | 9.213215 | 0.108540 | 2.4214% |
| 1882 | 8.995402 | 0.111168 | 2.4815% | 1881 | 8.777589 | 0.113927 | 3.7644% |
| 1880 | 8.459153 | 0.118215 | 0.9432% | 1879 | 8.380109 | 0.119330 | 2.1464% |
| 1878 | 8.204019 | 0.121891 | 2.1913% | 1877 | 8.028099 | 0.124562 | 2.2426% |
| 1876 | 7.852010 | 0.127356 | 2.2941% | 1875 | 7.675920 | 0.130278 | 2.3456% |
| 1874 | 7.500000 | 0.133333 | 2.4043% | 1873 | 7.323910 | 0.136539 | 2.4635% |
| 1872 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 7.147820 | 0.139903 | 2.5258% | 1871 | 6.971730 | 0.143436 | 5.9947% | 1870 |
| 6.577434 | 0.152035 | -1.0968% | 1869 | 6.650375 | 0.150367 | 2.1930% | 1868 |
| 6.507663 | 0.153665 | 2.2394% | 1867 | 6.365123 | 0.157106 | 2.2935% | 1866 |
| 6.222411 | 0.160709 | 2.3445% | 1865 | 6.079871 | 0.164477 | 2.4037% | 1864 |
| 5.937159 | 0.168431 | 2.4599% | 1863 | 5.794619 | 0.172574 | 2.5250% | 1862 |
| 5.651907 | 0.176931 | 2.5872% | 1861 | 5.509366 | 0.181509 | 2.9504% | 1860 |
| 5.351476 | 0.186864 | 2.4012% | 1859 | 5.225988 | 0.191351 | 2.7627% | 1858 |
| 5.085490 | 0.196638 | 2.8412% | 1857 | 4.944993 | 0.202225 | 2.9243% | 1856 |
| 4.804496 | 0.208138 | 3.0161% | 1855 | 4.663828 | 0.214416 | 3.1061% | 1854 |
| 4.523331 | 0.221076 | 3.2056% | 1853 | 4.382834 | 0.228163 | 3.3118% | 1852 |
| 4.242337 | 0.235719 | 3.4252% | 1851 | 4.101839 | 0.243793 | 4.0106% | 1850 |
| 3.943674 | 0.253571 | 2.3254% | 1849 | 3.854053 | 0.259467 | 2.7841% | 1848 |
| 3.749659 | 0.266691 | 2.8590% | 1847 | 3.645436 | 0.274316 | 2.9432% | 1846 |
| 3.541213 | 0.282389 | 3.0324% | 1845 | 3.436989 | 0.290952 | 3.1325% | 1844 |
| 3.332595 | 0.300066 | 3.2284% | 1843 | 3.228372 | 0.309754 | 3.3361% | 1842 |
| 3.124149 | 0.320087 | 3.4512% | 1841 | 3.019925 | 0.331134 | 3.8105% | 1840 |
| 2.909075 | 0.343752 | 2.3861% | 1839 | 2.841281 | 0.351954 | 2.5824% | 1838 |
| 2.769755 | 0.361043 | 2.6573% | 1837 | 2.698059 | 0.370637 | 2.7232% | 1836 |
| 2.626533 | 0.380730 | 2.7994% | 1835 | 2.555007 | 0.391388 | 2.8871% | 1834 |
| 2.483311 | 0.402688 | 2.9657% | 1833 | 2.411785 | 0.414631 | 3.0563% | 1832 |
| 2.340259 | 0.427303 | 3.1604% | 1831 | 2.268563 | 0.440808 | 3.4660% | 1830 |
| 2.192569 | 0.456086 | 2.4653% | 1829 | 2.139816 | 0.467330 | 2.6804% | 1828 |
| 2.083958 | 0.479856 | 10.3427% | 1827 | 1.888624 | 0.529486 | -4.2314% | 1826 |
| 1.972071 | 0.507081 | 2.9150% | 1825 | 1.916213 | 0.521863 | 3.0026% | 1824 |
| 1.860354 | 0.537532 | 3.0955% | 1823 | 1.804496 | 0.554171 | 3.1944% | 1822 |
| 1.748638 | 0.571874 | 3.3102% | 1821 | 1.692609 | 0.590804 | 3.2277% | 1820 |
| 1.639684 | 0.609874 | 2.6573% | 1819 | 1.597241 | 0.626080 | 2.6261% | 1818 |
| 1.556369 | 0.642521 | 2.6969% | 1817 | 1.515497 | 0.659849 | 2.7717% | 1816 |
| 1.474625 | 0.678138 | 2.8507% | 1815 | 1.433753 | 0.697470 | 2.9343% | 1814 |
| 1.392881 | 0.717936 | 3.0231% | 1813 | 1.352010 | 0.739640 | 3.1039% | 1812 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.311308 | 0.762597 | 3.2172% | 1811 | 1.270436 | 0.787131 | 3.0969% | 1810 |
| 1.232274 | 0.811508 | 2.9144% | 1809 | 1.197377 | 0.835159 | 2.8225% | 1808 |
| 1.164510 | 0.858731 | 2.9199% | 1807 | 1.131471 | 0.883805 | 2.9918% | 1806 |
| 1.098604 | 0.910246 | 3.0841% | 1805 | 1.065736 | 0.938319 | 3.1822% | 1804 |
| 1.032868 | 0.968178 | 3.2868% | 1803 | 1.000000 | 1.000000 | 3.3985% | 1802 |
| 0.967132 | 1.033985 | 3.5180% | 1801 | 0.934264 | 1.070361 | 3.3999% | 1800 |
| 0.903544 | 1.106753 | 2.8419% | 1799 | 0.878576 | 1.138205 | 2.7485% | 1798 |
| 0.855075 | 1.169488 | 2.8261% | 1797 | 0.831574 | 1.202539 | 3.7832% | 1796 |
| 0.801260 | 1.248034 | 2.1272% | 1795 | 0.784571 | 1.274582 | 3.0879% | 1794 |
| 0.761069 | 1.313940 | 3.1625% | 1793 | 0.737738 | 1.355494 | 3.2904% | 1792 |
| 0.714237 | 1.400095 | 3.4024% | 1791 | 0.690736 | 1.447732 | 3.2296% | 1790 |
| 0.669126 | 1.494487 | 41.3145% | 1780 | 0.473501 | 2.111926 | 29.4353% | 1770 |
| 0.365821 | 2.733579 | 83.4728% | 1750 | 0.199387 | 5.015374 | 29.2845% | 1740 |
| 0.154223 | 6.484099 | 94.2514% | 1720 | 0.079394 | 12.595453 | 85.8111% | 1700 |
| 0.042728 | 23.403747 | 19.2490% | 1690 | 0.035831 | 27.908745 | 88.0250% | 1670 |
| 0.019057 | 52.475424 | | | | | | |

BASE YEAR: 1802

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 53.078068 | 0.018840 | 8.2857% | 2001 | 49.016711 | 0.020401 | 1.0000% |
| 2000 | 48.531391 | 0.020605 | 1.0000% | 1999 | 48.050883 | 0.020811 | 1.0000% |
| 1998 | 47.575131 | 0.021019 | 1.0000% | 1997 | 47.104090 | 0.021230 | 1.0000% |
| 1996 | 46.637713 | 0.021442 | 1.0000% | 1995 | 46.175954 | 0.021656 | 0.9992% |
| 1994 | 45.719118 | 0.021873 | 1.0008% | 1993 | 45.266105 | 0.022092 | 1.0000% |
| 1992 | 44.817926 | 0.022313 | 0.9295% | 1991 | 44.405177 | 0.022520 | 1.2505% |
| 1990 | 43.856742 | 0.022802 | 0.7224% | 1989 | 43.542173 | 0.022966 | 1.1077% |
| 1988 | 43.065152 | 0.023221 | 0.8834% | 1987 | 42.688061 | 0.023426 | 0.5594% |
| 1986 | 42.450608 | 0.023557 | 1.3056% | 1985 | 41.903504 | 0.023864 | 0.7673% |
| 1984 | 41.584434 | 0.024047 | 0.8149% | 1983 | 41.248283 | 0.024243 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 40.850502 | 0.024480 | 0.9508% | 1981 | 40.465751 | 0.024712 | 0.9031% |
| 1980 | 40.103589 | 0.024935 | 2.2701% | 1979 | 39.213418 | 0.025501 | 1.0042% |
| 1978 | 38.823560 | 0.025758 | 0.9896% | 1977 | 38.443124 | 0.026012 | 0.9103% |
| 1976 | 38.096320 | 0.026249 | 0.8394% | 1975 | 37.779186 | 0.026470 | 0.9042% |
| 1974 | 37.440659 | 0.026709 | 1.1568% | 1973 | 37.012502 | 0.027018 | 0.9427% |
| 1972 | 36.666843 | 0.027273 | 0.7426% | 1971 | 36.396549 | 0.027475 | 1.4697% |
| 1970 | 35.869363 | 0.027879 | 0.6968% | 1969 | 35.621148 | 0.028073 | 0.8565% |
| 1968 | 35.318630 | 0.028314 | 1.5090% | 1967 | 34.793582 | 0.028741 | 0.9949% |
| 1966 | 34.450828 | 0.029027 | 1.0575% | 1965 | 34.090333 | 0.029334 | 1.1300% |
| 1964 | 33.709412 | 0.029665 | 1.5537% | 1963 | 33.193696 | 0.030126 | 1.4658% |
| 1962 | 32.714166 | 0.030568 | 1.5364% | 1961 | 32.219141 | 0.031037 | 2.1586% |
| 1960 | 31.538342 | 0.031707 | -1.6655% | 1959 | 32.072504 | 0.031179 | 4.3080% |
| 1958 | 30.747887 | 0.032523 | 2.1130% | 1957 | 30.111639 | 0.033210 | 1.9895% |
| 1956 | 29.524256 | 0.033870 | 2.1231% | 1955 | 28.910460 | 0.034590 | 1.4496% |
| 1954 | 28.497359 | 0.035091 | 2.1573% | 1953 | 27.895580 | 0.035848 | 1.2298% |
| 1952 | 27.556700 | 0.036289 | 1.6814% | 1951 | 27.101030 | 0.036899 | 1.6233% |
| 1950 | 26.668133 | 0.037498 | 1.4265% | 1949 | 26.293053 | 0.038033 | 1.7790% |
| 1948 | 25.833465 | 0.038709 | 1.8242% | 1947 | 25.370664 | 0.039416 | -2.6320% |
| 1946 | 26.056480 | 0.038378 | 3.1768% | 1945 | 25.254204 | 0.039597 | 6.4754% |
| 1944 | 23.718343 | 0.042161 | -0.3437% | 1943 | 23.800138 | 0.042017 | 0.6562% |
| 1942 | 23.644974 | 0.042292 | 0.6633% | 1941 | 23.489171 | 0.042573 | -5.6614% |
| 1940 | 24.898798 | 0.040163 | 8.0381% | 1939 | 23.046311 | 0.043391 | 0.8126% |
| 1938 | 22.860539 | 0.043744 | 0.7762% | 1937 | 22.684451 | 0.044083 | 0.6029% |
| 1936 | 22.548512 | 0.044349 | 0.5244% | 1935 | 22.430886 | 0.044581 | -3.0364% |
| 1934 | 23.133298 | 0.043228 | 4.6271% | 1933 | 22.110231 | 0.045228 | 1.3921% |
| 1932 | 21.806656 | 0.045858 | -0.2051% | 1931 | 21.851470 | 0.045764 | 0.8886% |
| 1930 | 21.659009 | 0.046170 | 1.0126% | 1929 | 21.441891 | 0.046638 | 1.1526% |
| 1928 | 21.197570 | 0.047175 | 1.2160% | 1927 | 20.942904 | 0.047749 | 1.4086% |
| 1926 | 20.652003 | 0.048421 | 1.7667% | 1925 | 20.293481 | 0.049277 | 1.4465% |
| 1924 | 20.004121 | 0.049990 | 1.7700% | 1923 | 19.656211 | 0.050875 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 19.343520 | 0.051697 | 1.3736% | 1921 | 19.081409 | 0.052407 | 2.3393% |
| 1920 | 18.645239 | 0.053633 | 1.3140% | 1919 | 18.403416 | 0.054338 | 0.7676% |
| 1918 | 18.263220 | 0.054755 | 0.3870% | 1917 | 18.192816 | 0.054967 | 1.3274% |
| 1916 | 17.954481 | 0.055696 | 1.4083% | 1915 | 17.705142 | 0.056481 | 1.4458% |
| 1914 | 17.452809 | 0.057297 | 1.9424% | 1913 | 17.120268 | 0.058410 | 1.9857% |
| 1912 | 16.786934 | 0.059570 | 1.5634% | 1911 | 16.528526 | 0.060501 | 1.8169% |
| 1910 | 16.233576 | 0.061601 | 1.8781% | 1909 | 15.934319 | 0.062758 | 2.0082% |
| 1908 | 15.620620 | 0.064018 | 1.9603% | 1907 | 15.320303 | 0.065273 | 1.8264% |
| 1906 | 15.045519 | 0.066465 | 1.9357% | 1905 | 14.759817 | 0.067752 | 2.0148% |
| 1904 | 14.468304 | 0.069117 | 2.1335% | 1903 | 14.166067 | 0.070591 | 1.8151% |
| 1902 | 13.913516 | 0.071873 | 1.8943% | 1901 | 13.654846 | 0.073234 | 3.0255% |
| 1900 | 13.253851 | 0.075450 | 0.6278% | 1899 | 13.171157 | 0.075923 | 1.7757% |
| 1898 | 12.941363 | 0.077272 | 1.8078% | 1897 | 12.711569 | 0.078668 | 1.8396% |
| 1896 | 12.481951 | 0.080116 | 1.8755% | 1895 | 12.252157 | 0.081618 | 1.9114% |
| 1894 | 12.022363 | 0.083178 | 1.9486% | 1893 | 11.792569 | 0.084799 | 1.9858% |
| 1892 | 11.562951 | 0.086483 | 2.0276% | 1891 | 11.333157 | 0.088237 | 2.6465% |
| 1890 | 11.040957 | 0.090572 | 1.5328% | 1889 | 10.874274 | 0.091960 | 2.0811% |
| 1888 | 10.652580 | 0.093874 | 2.1599% | 1887 | 10.427364 | 0.095902 | 2.2075% |
| 1886 | 10.202148 | 0.098019 | 2.2592% | 1885 | 9.976756 | 0.100233 | 2.3095% |
| 1884 | 9.751541 | 0.102548 | 2.3641% | 1883 | 9.526325 | 0.104972 | 2.4214% |
| 1882 | 9.301109 | 0.107514 | 2.4815% | 1881 | 9.075894 | 0.110182 | 3.7644% |
| 1880 | 8.746636 | 0.114330 | 0.9432% | 1879 | 8.664906 | 0.115408 | 2.1464% |
| 1878 | 8.482831 | 0.117885 | 2.1913% | 1877 | 8.300933 | 0.120468 | 2.2426% |
| 1876 | 8.118859 | 0.123170 | 2.2941% | 1875 | 7.936785 | 0.125996 | 2.3456% |
| 1874 | 7.754886 | 0.128951 | 2.4043% | 1873 | 7.572812 | 0.132051 | 2.4635% |
| 1872 | 7.390738 | 0.135304 | 2.5258% | 1871 | 7.208663 | 0.138722 | 5.9947% |
| 1870 | 6.800968 | 0.147038 | -1.0968% | 1869 | 6.876387 | 0.145425 | 2.1930% |
| 1868 | 6.728825 | 0.148614 | 2.2394% | 1867 | 6.581440 | 0.151942 | 2.2935% |
| 1866 | 6.433879 | 0.155427 | 2.3445% | 1865 | 6.286494 | 0.159071 | 2.4037% |
| 1864 | 6.138933 | 0.162895 | 2.4599% | 1863 | 5.991548 | 0.166902 | 2.5250% |
| 1862 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.843987 | 0.171116 | 2.5872% | 1861 | 5.696602 | 0.175543 | 2.9504% | 1860 |
| 5.533345 | 0.180723 | 2.4012% | 1859 | 5.403592 | 0.185062 | 2.7627% | 1858 |
| 5.258320 | 0.190175 | 2.8412% | 1857 | 5.113048 | 0.195578 | 2.9243% | 1856 |
| 4.967776 | 0.201297 | 3.0161% | 1855 | 4.822328 | 0.207369 | 3.1061% | 1854 |
| 4.677056 | 0.213810 | 3.2056% | 1853 | 4.531784 | 0.220664 | 3.3118% | 1852 |
| 4.386512 | 0.227972 | 3.4252% | 1851 | 4.241240 | 0.235780 | 4.0106% | 1850 |
| 4.077699 | 0.245236 | 2.3254% | 1849 | 3.985033 | 0.250939 | 2.7841% | 1848 |
| 3.877091 | 0.257925 | 2.8590% | 1847 | 3.769326 | 0.265299 | 2.9432% | 1846 |
| 3.661560 | 0.273108 | 3.0324% | 1845 | 3.553795 | 0.281389 | 3.1325% | 1844 |
| 3.445853 | 0.290204 | 3.2284% | 1843 | 3.338088 | 0.299573 | 3.3361% | 1842 |
| 3.230322 | 0.309567 | 3.4512% | 1841 | 3.122557 | 0.320250 | 3.8105% | 1840 |
| 3.007940 | 0.332453 | 2.3861% | 1839 | 2.937841 | 0.340386 | 2.5824% | 1838 |
| 2.863884 | 0.349176 | 2.6573% | 1837 | 2.789752 | 0.358455 | 2.7232% | 1836 |
| 2.715795 | 0.368216 | 2.7994% | 1835 | 2.641838 | 0.378524 | 2.8871% | 1834 |
| 2.567706 | 0.389453 | 2.9657% | 1833 | 2.493749 | 0.401003 | 3.0563% | 1832 |
| 2.419792 | 0.413259 | 3.1604% | 1831 | 2.345659 | 0.426319 | 3.4660% | 1830 |
| 2.267083 | 0.441095 | 2.4653% | 1829 | 2.212537 | 0.451970 | 2.6804% | 1828 |
| 2.154781 | 0.464084 | 10.3427% | 1827 | 1.952809 | 0.512083 | -4.2314% | 1826 |
| 2.039091 | 0.490415 | 2.9150% | 1825 | 1.981335 | 0.504710 | 3.0026% | 1824 |
| 1.923578 | 0.519865 | 3.0955% | 1823 | 1.865821 | 0.535957 | 3.1944% | 1822 |
| 1.808065 | 0.553078 | 3.3102% | 1821 | 1.750132 | 0.571385 | 3.2277% | 1820 |
| 1.695409 | 0.589828 | 2.6573% | 1819 | 1.651523 | 0.605502 | 2.6261% | 1818 |
| 1.609262 | 0.621403 | 2.6969% | 1817 | 1.567001 | 0.638162 | 2.7717% | 1816 |
| 1.524740 | 0.655849 | 2.8507% | 1815 | 1.482479 | 0.674546 | 2.9343% | 1814 |
| 1.440218 | 0.694339 | 3.0231% | 1813 | 1.397957 | 0.715329 | 3.1039% | 1812 |
| 1.355873 | 0.737532 | 3.2172% | 1811 | 1.313612 | 0.761260 | 3.0969% | 1810 |
| 1.274152 | 0.784836 | 2.9144% | 1809 | 1.238070 | 0.807709 | 2.8225% | 1808 |
| 1.204085 | 0.830506 | 2.9199% | 1807 | 1.169924 | 0.854756 | 2.9918% | 1806 |
| 1.135939 | 0.880329 | 3.0841% | 1805 | 1.101955 | 0.907478 | 3.1822% | 1804 |
| 1.067970 | 0.936356 | 3.2868% | 1803 | 1.033985 | 0.967132 | 3.3985% | 1802 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.000000 | 1.000000 | 3.5180% | 1801 | 0.966015 | 1.035180 | 3.3999% | 1800 |
| 0.934251 | 1.070376 | 2.8419% | 1799 | 0.908435 | 1.100795 | 2.7485% | 1798 |
| 0.884135 | 1.131050 | 2.8261% | 1797 | 0.859834 | 1.163015 | 3.7832% | 1796 |
| 0.828491 | 1.207014 | 2.1272% | 1795 | 0.811234 | 1.232689 | 3.0879% | 1794 |
| 0.786934 | 1.270754 | 3.1625% | 1793 | 0.762810 | 1.310942 | 3.2904% | 1792 |
| 0.738510 | 1.354077 | 3.4024% | 1791 | 0.714210 | 1.400148 | 3.2296% | 1790 |
| 0.691866 | 1.445367 | 41.3145% | 1780 | 0.489593 | 2.042512 | 29.4353% | 1770 |
| 0.378253 | 2.643732 | 83.4728% | 1750 | 0.206163 | 4.850530 | 29.2845% | 1740 |
| 0.159465 | 6.270981 | 94.2514% | 1720 | 0.082092 | 12.181467 | 85.8111% | 1700 |
| 0.044180 | 22.634516 | 19.2490% | 1690 | 0.037049 | 26.991445 | 88.0250% | 1670 |
| 0.019704 | 50.750670 | | | | | | |

BASE YEAR: 1801

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 54.945379 | 0.018200 | 8.2857% | 2001 | 50.741141 | 0.019708 | 1.0000% |
| 2000 | 50.238748 | 0.019905 | 1.0000% | 1999 | 49.741335 | 0.020104 | 1.0000% |
| 1998 | 49.248846 | 0.020305 | 1.0000% | 1997 | 48.761234 | 0.020508 | 1.0000% |
| 1996 | 48.278449 | 0.020713 | 1.0000% | 1995 | 47.800445 | 0.020920 | 0.9992% |
| 1994 | 47.327538 | 0.021129 | 1.0008% | 1993 | 46.858587 | 0.021341 | 1.0000% |
| 1992 | 46.394641 | 0.021554 | 0.9295% | 1991 | 45.967371 | 0.021755 | 1.2505% |
| 1990 | 45.399642 | 0.022027 | 0.7224% | 1989 | 45.074007 | 0.022186 | 1.1077% |
| 1988 | 44.580204 | 0.022431 | 0.8834% | 1987 | 44.189847 | 0.022630 | 0.5594% |
| 1986 | 43.944039 | 0.022756 | 1.3056% | 1985 | 43.377689 | 0.023053 | 0.7673% |
| 1984 | 43.047393 | 0.023230 | 0.8149% | 1983 | 42.699417 | 0.023420 | 0.9737% |
| 1982 | 42.287641 | 0.023648 | 0.9508% | 1981 | 41.889355 | 0.023872 | 0.9031% |
| 1980 | 41.514452 | 0.024088 | 2.2701% | 1979 | 40.592964 | 0.024635 | 1.0042% |
| 1978 | 40.189391 | 0.024882 | 0.9896% | 1977 | 39.795571 | 0.025128 | 0.9103% |
| 1976 | 39.436566 | 0.025357 | 0.8394% | 1975 | 39.108276 | 0.025570 | 0.9042% |
| 1974 | 38.757838 | 0.025801 | 1.1568% | 1973 | 38.314619 | 0.026100 | 0.9427% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 37.956799 | 0.026346 | 0.7426% | 1971 | 37.676996 | 0.026541 | 1.4697% |
| 1970 | 37.131264 | 0.026931 | 0.6968% | 1969 | 36.874316 | 0.027119 | 0.8565% |
| 1968 | 36.561156 | 0.027351 | 1.5090% | 1967 | 36.017636 | 0.027764 | 0.9949% |
| 1966 | 35.662824 | 0.028040 | 1.0575% | 1965 | 35.289646 | 0.028337 | 1.1300% |
| 1964 | 34.895324 | 0.028657 | 1.5537% | 1963 | 34.361466 | 0.029102 | 1.4658% |
| 1962 | 33.865066 | 0.029529 | 1.5364% | 1961 | 33.352625 | 0.029983 | 2.1586% |
| 1960 | 32.647875 | 0.030630 | -1.6655% | 1959 | 33.200829 | 0.030120 | 4.3080% |
| 1958 | 31.829612 | 0.031417 | 2.1130% | 1957 | 31.170981 | 0.032081 | 1.9895% |
| 1956 | 30.562933 | 0.032719 | 2.1231% | 1955 | 29.927543 | 0.033414 | 1.4496% |
| 1954 | 29.499909 | 0.033898 | 2.1573% | 1953 | 28.876960 | 0.034630 | 1.2298% |
| 1952 | 28.526157 | 0.035056 | 1.6814% | 1951 | 28.054457 | 0.035645 | 1.6233% |
| 1950 | 27.606331 | 0.036224 | 1.4265% | 1949 | 27.218055 | 0.036740 | 1.7790% |
| 1948 | 26.742299 | 0.037394 | 1.8242% | 1947 | 26.263215 | 0.038076 | -2.6320% |
| 1946 | 26.973159 | 0.037074 | 3.1768% | 1945 | 26.142659 | 0.038252 | 6.4754% |
| 1944 | 24.552765 | 0.040729 | -0.3437% | 1943 | 24.637438 | 0.040589 | 0.6562% |
| 1942 | 24.476815 | 0.040855 | 0.6633% | 1941 | 24.315530 | 0.041126 | -5.6614% |
| 1940 | 25.774749 | 0.038798 | 8.0381% | 1939 | 23.857091 | 0.041916 | 0.8126% |
| 1938 | 23.664783 | 0.042257 | 0.7762% | 1937 | 23.482501 | 0.042585 | 0.6029% |
| 1936 | 23.341779 | 0.042842 | 0.5244% | 1935 | 23.220015 | 0.043066 | -3.0364% |
| 1934 | 23.947138 | 0.041759 | 4.6271% | 1933 | 22.888079 | 0.043691 | 1.3921% |
| 1932 | 22.573824 | 0.044299 | -0.2051% | 1931 | 22.620215 | 0.044208 | 0.8886% |
| 1930 | 22.420983 | 0.044601 | 1.0126% | 1929 | 22.196227 | 0.045053 | 1.1526% |
| 1928 | 21.943310 | 0.045572 | 1.2160% | 1927 | 21.679685 | 0.046126 | 1.4086% |
| 1926 | 21.378550 | 0.046776 | 1.7667% | 1925 | 21.007415 | 0.047602 | 1.4465% |
| 1924 | 20.707875 | 0.048291 | 1.7700% | 1923 | 20.347726 | 0.049146 | 1.6165% |
| 1922 | 20.024034 | 0.049940 | 1.3736% | 1921 | 19.752702 | 0.050626 | 2.3393% |
| 1920 | 19.301187 | 0.051810 | 1.3140% | 1919 | 19.050857 | 0.052491 | 0.7676% |
| 1918 | 18.905728 | 0.052894 | 0.3870% | 1917 | 18.832847 | 0.053099 | 1.3274% |
| 1916 | 18.586128 | 0.053804 | 1.4083% | 1915 | 18.328017 | 0.054561 | 1.4458% |
| 1914 | 18.066806 | 0.055350 | 1.9424% | 1913 | 17.722567 | 0.056425 | 1.9857% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 17.377506 | 0.057546 | 1.5634% | 1911 | 17.110007 | 0.058445 | 1.8169% |
| 1910 | 16.804680 | 0.059507 | 1.8781% | 1909 | 16.494896 | 0.060625 | 2.0082% |
| 1908 | 16.170160 | 0.061842 | 1.9603% | 1907 | 15.859278 | 0.063055 | 1.8264% |
| 1906 | 15.574827 | 0.064206 | 1.9357% | 1905 | 15.279074 | 0.065449 | 2.0148% |
| 1904 | 14.977306 | 0.066768 | 2.1335% | 1903 | 14.664436 | 0.068192 | 1.8151% |
| 1902 | 14.403000 | 0.069430 | 1.8943% | 1901 | 14.135230 | 0.070745 | 3.0255% |
| 1900 | 13.720127 | 0.072886 | 0.6278% | 1899 | 13.634524 | 0.073343 | 1.7757% |
| 1898 | 13.396646 | 0.074646 | 1.8078% | 1897 | 13.158768 | 0.075995 | 1.8396% |
| 1896 | 12.921072 | 0.077393 | 1.8755% | 1895 | 12.683194 | 0.078844 | 1.9114% |
| 1894 | 12.445315 | 0.080352 | 1.9486% | 1893 | 12.207437 | 0.081917 | 1.9858% |
| 1892 | 11.969741 | 0.083544 | 2.0276% | 1891 | 11.731863 | 0.085238 | 2.6465% |
| 1890 | 11.429382 | 0.087494 | 1.5328% | 1889 | 11.256836 | 0.088835 | 2.0811% |
| 1888 | 11.027342 | 0.090684 | 2.1599% | 1887 | 10.794203 | 0.092642 | 2.2075% |
| 1886 | 10.561065 | 0.094687 | 2.2592% | 1885 | 10.327743 | 0.096827 | 2.3095% |
| 1884 | 10.094604 | 0.099063 | 2.3641% | 1883 | 9.861466 | 0.101405 | 2.4214% |
| 1882 | 9.628327 | 0.103860 | 2.4815% | 1881 | 9.395188 | 0.106437 | 3.7644% |
| 1880 | 9.054346 | 0.110444 | 0.9432% | 1879 | 8.969741 | 0.111486 | 2.1464% |
| 1878 | 8.781261 | 0.113879 | 2.1913% | 1877 | 8.592964 | 0.116374 | 2.2426% |
| 1876 | 8.404484 | 0.118984 | 2.2941% | 1875 | 8.216004 | 0.121714 | 2.3456% |
| 1874 | 8.027707 | 0.124569 | 2.4043% | 1873 | 7.839227 | 0.127564 | 2.4635% |
| 1872 | 7.650747 | 0.130706 | 2.5258% | 1871 | 7.462268 | 0.134008 | 5.9947% |
| 1870 | 7.040229 | 0.142041 | -1.0968% | 1869 | 7.118301 | 0.140483 | 2.1930% |
| 1868 | 6.965549 | 0.143564 | 2.2394% | 1867 | 6.812978 | 0.146779 | 2.2935% |
| 1866 | 6.660226 | 0.150145 | 2.3445% | 1865 | 6.507656 | 0.153665 | 2.4037% |
| 1864 | 6.354903 | 0.157359 | 2.4599% | 1863 | 6.202333 | 0.161230 | 2.5250% |
| 1862 | 6.049581 | 0.165301 | 2.5872% | 1861 | 5.897011 | 0.169577 | 2.9504% |
| 1860 | 5.728011 | 0.174581 | 2.4012% | 1859 | 5.593693 | 0.178773 | 2.7627% |
| 1858 | 5.443310 | 0.183712 | 2.8412% | 1857 | 5.292927 | 0.188931 | 2.9243% |
| 1856 | 5.142545 | 0.194456 | 3.0161% | 1855 | 4.991980 | 0.200321 | 3.1061% |
| 1854 | 4.841597 | 0.206543 | 3.2056% | 1853 | 4.691214 | 0.213164 | 3.3118% |
| 1852 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.540831 | 0.220224 | 3.4252% | 1851 | 4.390448 | 0.227767 | 4.0106% | 1850 |
| 4.221155 | 0.236902 | 2.3254% | 1849 | 4.125228 | 0.242411 | 2.7841% | 1848 |
| 4.013489 | 0.249160 | 2.8590% | 1847 | 3.901932 | 0.256283 | 2.9432% | 1846 |
| 3.790376 | 0.263826 | 3.0324% | 1845 | 3.678819 | 0.271826 | 3.1325% | 1844 |
| 3.567080 | 0.280341 | 3.2284% | 1843 | 3.455523 | 0.289392 | 3.3361% | 1842 |
| 3.343966 | 0.299046 | 3.4512% | 1841 | 3.232410 | 0.309367 | 3.8105% | 1840 |
| 3.113760 | 0.321155 | 2.3861% | 1839 | 3.041196 | 0.328818 | 2.5824% | 1838 |
| 2.964637 | 0.337309 | 2.6573% | 1837 | 2.887896 | 0.346273 | 2.7232% | 1836 |
| 2.811338 | 0.355703 | 2.7994% | 1835 | 2.734779 | 0.365660 | 2.8871% | 1834 |
| 2.658039 | 0.376217 | 2.9657% | 1833 | 2.581480 | 0.387375 | 3.0563% | 1832 |
| 2.504922 | 0.399214 | 3.1604% | 1831 | 2.428181 | 0.411831 | 3.4660% | 1830 |
| 2.346840 | 0.426105 | 2.4653% | 1829 | 2.290376 | 0.436610 | 2.6804% | 1828 |
| 2.230587 | 0.448312 | 10.3427% | 1827 | 2.021509 | 0.494680 | -4.2314% | 1826 |
| 2.110828 | 0.473748 | 2.9150% | 1825 | 2.051039 | 0.487558 | 3.0026% | 1824 |
| 1.991250 | 0.502197 | 3.0955% | 1823 | 1.931462 | 0.517743 | 3.1944% | 1822 |
| 1.871673 | 0.534281 | 3.3102% | 1821 | 1.811703 | 0.551967 | 3.2277% | 1820 |
| 1.755054 | 0.569783 | 2.6573% | 1819 | 1.709624 | 0.584924 | 2.6261% | 1818 |
| 1.665877 | 0.600284 | 2.6969% | 1817 | 1.622129 | 0.616474 | 2.7717% | 1816 |
| 1.578381 | 0.633560 | 2.8507% | 1815 | 1.534634 | 0.651621 | 2.9343% | 1814 |
| 1.490886 | 0.670742 | 3.0231% | 1813 | 1.447138 | 0.691019 | 3.1039% | 1812 |
| 1.403573 | 0.712468 | 3.2172% | 1811 | 1.359825 | 0.735389 | 3.0969% | 1810 |
| 1.318977 | 0.758163 | 2.9144% | 1809 | 1.281626 | 0.780259 | 2.8225% | 1808 |
| 1.246445 | 0.802281 | 2.9199% | 1807 | 1.211083 | 0.825707 | 2.9918% | 1806 |
| 1.175902 | 0.850411 | 3.0841% | 1805 | 1.140722 | 0.876638 | 3.1822% | 1804 |
| 1.105541 | 0.904534 | 3.2868% | 1803 | 1.070361 | 0.934264 | 3.3985% | 1802 |
| 1.035180 | 0.966015 | 3.5180% | 1801 | 1.000000 | 1.000000 | 3.3999% | 1800 |
| 0.967118 | 1.033999 | 2.8419% | 1799 | 0.940394 | 1.063384 | 2.7485% | 1798 |
| 0.915239 | 1.092611 | 2.8261% | 1797 | 0.890084 | 1.123490 | 3.7832% | 1796 |
| 0.857638 | 1.165994 | 2.1272% | 1795 | 0.839774 | 1.190797 | 3.0879% | 1794 |
| 0.814619 | 1.227568 | 3.1625% | 1793 | 0.789646 | 1.266390 | 3.2904% | 1792 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.764491 | 1.308059 | 3.4024% | 1791 | 0.739336 | 1.352564 | 3.2296% | 1790 |
| 0.716206 | 1.396246 | 41.3145% | 1780 | 0.506817 | 1.973097 | 29.4353% | 1770 |
| 0.391560 | 2.553885 | 83.4728% | 1750 | 0.213416 | 4.685685 | 29.2845% | 1740 |
| 0.165075 | 6.057862 | 94.2514% | 1720 | 0.084980 | 11.767482 | 85.8111% | 1700 |
| 0.045735 | 21.865285 | 19.2490% | 1690 | 0.038352 | 26.074144 | 88.0250% | 1670 |
| 0.020397 | 49.025916 | | | | | | |

BASE YEAR: 1800

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 56.813493 | 0.017601 | 8.2857% | 2001 | 52.466313 | 0.019060 | 1.0000% |
| 2000 | 51.946839 | 0.019250 | 1.0000% | 1999 | 51.432514 | 0.019443 | 1.0000% |
| 1998 | 50.923281 | 0.019637 | 1.0000% | 1997 | 50.419090 | 0.019834 | 1.0000% |
| 1996 | 49.919891 | 0.020032 | 1.0000% | 1995 | 49.425635 | 0.020232 | 0.9992% |
| 1994 | 48.936649 | 0.020435 | 1.0008% | 1993 | 48.451754 | 0.020639 | 1.0000% |
| 1992 | 47.972034 | 0.020845 | 0.9295% | 1991 | 47.530238 | 0.021039 | 1.2505% |
| 1990 | 46.943206 | 0.021302 | 0.7224% | 1989 | 46.606499 | 0.021456 | 1.1077% |
| 1988 | 46.095908 | 0.021694 | 0.8834% | 1987 | 45.692278 | 0.021886 | 0.5594% |
| 1986 | 45.438113 | 0.022008 | 1.3056% | 1985 | 44.852507 | 0.022295 | 0.7673% |
| 1984 | 44.510982 | 0.022466 | 0.8149% | 1983 | 44.151174 | 0.022649 | 0.9737% |
| 1982 | 43.725399 | 0.022870 | 0.9508% | 1981 | 43.313571 | 0.023087 | 0.9031% |
| 1980 | 42.925921 | 0.023296 | 2.2701% | 1979 | 41.973103 | 0.023825 | 1.0042% |
| 1978 | 41.555809 | 0.024064 | 0.9896% | 1977 | 41.148599 | 0.024302 | 0.9103% |
| 1976 | 40.777388 | 0.024523 | 0.8394% | 1975 | 40.437936 | 0.024729 | 0.9042% |
| 1974 | 40.075584 | 0.024953 | 1.1568% | 1973 | 39.617296 | 0.025242 | 0.9427% |
| 1972 | 39.247310 | 0.025479 | 0.7426% | 1971 | 38.957994 | 0.025669 | 1.4697% |
| 1970 | 38.393707 | 0.026046 | 0.6968% | 1969 | 38.128024 | 0.026227 | 0.8565% |
| 1968 | 37.804216 | 0.026452 | 1.5090% | 1967 | 37.242216 | 0.026851 | 0.9949% |
| 1966 | 36.875341 | 0.027118 | 1.0575% | 1965 | 36.489476 | 0.027405 | 1.1300% |
| 1964 | 36.081747 | 0.027715 | 1.5537% | 1963 | 35.529737 | 0.028145 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 35.016460 | 0.028558 | 1.5364% | 1961 | 34.486596 | 0.028997 | 2.1586% |
| 1960 | 33.757885 | 0.029623 | -1.6655% | 1959 | 34.329640 | 0.029129 | 4.3080% |
| 1958 | 32.911802 | 0.030384 | 2.1130% | 1957 | 32.230778 | 0.031026 | 1.9895% |
| 1956 | 31.602056 | 0.031644 | 2.1231% | 1955 | 30.945063 | 0.032315 | 1.4496% |
| 1954 | 30.502890 | 0.032784 | 2.1573% | 1953 | 29.858761 | 0.033491 | 1.2298% |
| 1952 | 29.496032 | 0.033903 | 1.6814% | 1951 | 29.008293 | 0.034473 | 1.6233% |
| 1950 | 28.544931 | 0.035032 | 1.4265% | 1949 | 28.143455 | 0.035532 | 1.7790% |
| 1948 | 27.651523 | 0.036164 | 1.8242% | 1947 | 27.156151 | 0.036824 | -2.6320% |
| 1946 | 27.890232 | 0.035855 | 3.1768% | 1945 | 27.031495 | 0.036994 | 6.4754% |
| 1944 | 25.387546 | 0.039389 | -0.3437% | 1943 | 25.475098 | 0.039254 | 0.6562% |
| 1942 | 25.309014 | 0.039512 | 0.6633% | 1941 | 25.142246 | 0.039774 | -5.6614% |
| 1940 | 26.651077 | 0.037522 | 8.0381% | 1939 | 24.668219 | 0.040538 | 0.8126% |
| 1938 | 24.469373 | 0.040867 | 0.7762% | 1937 | 24.280894 | 0.041185 | 0.6029% |
| 1936 | 24.135387 | 0.041433 | 0.5244% | 1935 | 24.009483 | 0.041650 | -3.0364% |
| 1934 | 24.761328 | 0.040386 | 4.6271% | 1933 | 23.666261 | 0.042254 | 1.3921% |
| 1932 | 23.341322 | 0.042842 | -0.2051% | 1931 | 23.389290 | 0.042755 | 0.8886% |
| 1930 | 23.183284 | 0.043135 | 1.0126% | 1929 | 22.950887 | 0.043571 | 1.1526% |
| 1928 | 22.689371 | 0.044073 | 1.2160% | 1927 | 22.416782 | 0.044609 | 1.4086% |
| 1926 | 22.105410 | 0.045238 | 1.7667% | 1925 | 21.721656 | 0.046037 | 1.4465% |
| 1924 | 21.411932 | 0.046703 | 1.7700% | 1923 | 21.039538 | 0.047530 | 1.6165% |
| 1922 | 20.704840 | 0.048298 | 1.3736% | 1921 | 20.424283 | 0.048961 | 2.3393% |
| 1920 | 19.957417 | 0.050107 | 1.3140% | 1919 | 19.698576 | 0.050765 | 0.7676% |
| 1918 | 19.548513 | 0.051155 | 0.3870% | 1917 | 19.473154 | 0.051353 | 1.3274% |
| 1916 | 19.218047 | 0.052034 | 1.4083% | 1915 | 18.951160 | 0.052767 | 1.4458% |
| 1914 | 18.681068 | 0.053530 | 1.9424% | 1913 | 18.325124 | 0.054570 | 1.9857% |
| 1912 | 17.968332 | 0.055653 | 1.5634% | 1911 | 17.691738 | 0.056524 | 1.8169% |
| 1910 | 17.376031 | 0.057551 | 1.8781% | 1909 | 17.055714 | 0.058631 | 2.0082% |
| 1908 | 16.719937 | 0.059809 | 1.9603% | 1907 | 16.398485 | 0.060981 | 1.8264% |
| 1906 | 16.104363 | 0.062095 | 1.9357% | 1905 | 15.798554 | 0.063297 | 2.0148% |
| 1904 | 15.486526 | 0.064572 | 2.1335% | 1903 | 15.163019 | 0.065950 | 1.8151% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 1902 | 14.892695 | 0.067147 | 1.8943% | 1901 | 14.615820 | 0.068419 | 3.0255% |
| 1900 | 14.186604 | 0.070489 | 0.6278% | 1899 | 14.098091 | 0.070932 | 1.7757% |
| 1898 | 13.852125 | 0.072191 | 1.8078% | 1897 | 13.606159 | 0.073496 | 1.8396% |
| 1896 | 13.360381 | 0.074848 | 1.8755% | 1895 | 13.114415 | 0.076252 | 1.9114% |
| 1894 | 12.868449 | 0.077709 | 1.9486% | 1893 | 12.622484 | 0.079224 | 1.9858% |
| 1892 | 12.376706 | 0.080797 | 2.0276% | 1891 | 12.130740 | 0.082435 | 2.6465% |
| 1890 | 11.817975 | 0.084617 | 1.5328% | 1889 | 11.639562 | 0.085914 | 2.0811% |
| 1888 | 11.402266 | 0.087702 | 2.1599% | 1887 | 11.161201 | 0.089596 | 2.2075% |
| 1886 | 10.920135 | 0.091574 | 2.2592% | 1885 | 10.678881 | 0.093643 | 2.3095% |
| 1884 | 10.437816 | 0.095805 | 2.3641% | 1883 | 10.196750 | 0.098070 | 2.4214% |
| 1882 | 9.955685 | 0.100445 | 2.4815% | 1881 | 9.714619 | 0.102938 | 3.7644% |
| 1880 | 9.362189 | 0.106813 | 0.9432% | 1879 | 9.274708 | 0.107820 | 2.1464% |
| 1878 | 9.079820 | 0.110134 | 2.1913% | 1877 | 8.885120 | 0.112548 | 2.2426% |
| 1876 | 8.690232 | 0.115072 | 2.2941% | 1875 | 8.495344 | 0.117712 | 2.3456% |
| 1874 | 8.300645 | 0.120473 | 2.4043% | 1873 | 8.105757 | 0.123369 | 2.4635% |
| 1872 | 7.910869 | 0.126408 | 2.5258% | 1871 | 7.715981 | 0.129601 | 5.9947% |
| 1870 | 7.279593 | 0.137370 | -1.0968% | 1869 | 7.360320 | 0.135864 | 2.1930% |
| 1868 | 7.202374 | 0.138843 | 2.2394% | 1867 | 7.044616 | 0.141952 | 2.2935% |
| 1866 | 6.886670 | 0.145208 | 2.3445% | 1865 | 6.728913 | 0.148612 | 2.4037% |
| 1864 | 6.570967 | 0.152185 | 2.4599% | 1863 | 6.413209 | 0.155928 | 2.5250% |
| 1862 | 6.255263 | 0.159865 | 2.5872% | 1861 | 6.097506 | 0.164001 | 2.9504% |
| 1860 | 5.922760 | 0.168840 | 2.4012% | 1859 | 5.783876 | 0.172894 | 2.7627% |
| 1858 | 5.628380 | 0.177671 | 2.8412% | 1857 | 5.472884 | 0.182719 | 2.9243% |
| 1856 | 5.317388 | 0.188062 | 3.0161% | 1855 | 5.161704 | 0.193734 | 3.1061% |
| 1854 | 5.006209 | 0.199752 | 3.2056% | 1853 | 4.850713 | 0.206155 | 3.3118% |
| 1852 | 4.695217 | 0.212983 | 3.4252% | 1851 | 4.539721 | 0.220278 | 4.0106% |
| 1850 | 4.364672 | 0.229112 | 2.3254% | 1849 | 4.265483 | 0.234440 | 2.7841% |
| 1848 | 4.149945 | 0.240967 | 2.8590% | 1847 | 4.034596 | 0.247856 | 2.9432% |
| 1846 | 3.919246 | 0.255151 | 3.0324% | 1845 | 3.803897 | 0.262888 | 3.1325% |
| 1844 | 3.688359 | 0.271123 | 3.2284% | 1843 | 3.573009 | 0.279876 | 3.3361% |
| 1842 | | | | | | | |

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|----------|----------|----------|------|----------|-----------|----------|------|
| 3.457660 | 0.289213 | 3.4512% | 1841 | 3.342310 | 0.299194 | 3.8105% | 1840 |
| 3.219627 | 0.310595 | 2.3861% | 1839 | 3.144595 | 0.318006 | 2.5824% | 1838 |
| 3.065433 | 0.326218 | 2.6573% | 1837 | 2.986083 | 0.334887 | 2.7232% | 1836 |
| 2.906922 | 0.344006 | 2.7994% | 1835 | 2.827760 | 0.353637 | 2.8871% | 1834 |
| 2.748411 | 0.363847 | 2.9657% | 1833 | 2.669249 | 0.374637 | 3.0563% | 1832 |
| 2.590088 | 0.386087 | 3.1604% | 1831 | 2.510738 | 0.398289 | 3.4660% | 1830 |
| 2.426631 | 0.412094 | 2.4653% | 1829 | 2.368247 | 0.422253 | 2.6804% | 1828 |
| 2.306426 | 0.433571 | 10.3427% | 1827 | 2.090240 | 0.478414 | -4.2314% | 1826 |
| 2.182595 | 0.458170 | 2.9150% | 1825 | 2.120773 | 0.471526 | 3.0026% | 1824 |
| 2.058952 | 0.485684 | 3.0955% | 1823 | 1.997131 | 0.500718 | 3.1944% | 1822 |
| 1.935309 | 0.516713 | 3.3102% | 1821 | 1.873299 | 0.533817 | 3.2277% | 1820 |
| 1.814725 | 0.551048 | 2.6573% | 1819 | 1.767751 | 0.565691 | 2.6261% | 1818 |
| 1.722516 | 0.580546 | 2.6969% | 1817 | 1.677281 | 0.596203 | 2.7717% | 1816 |
| 1.632045 | 0.612728 | 2.8507% | 1815 | 1.586810 | 0.630195 | 2.9343% | 1814 |
| 1.541575 | 0.648687 | 3.0231% | 1813 | 1.496340 | 0.668297 | 3.1039% | 1812 |
| 1.451293 | 0.689041 | 3.2172% | 1811 | 1.406058 | 0.711208 | 3.0969% | 1810 |
| 1.363822 | 0.733234 | 2.9144% | 1809 | 1.325201 | 0.754603 | 2.8225% | 1808 |
| 1.288824 | 0.775901 | 2.9199% | 1807 | 1.252259 | 0.798557 | 2.9918% | 1806 |
| 1.215882 | 0.822448 | 3.0841% | 1805 | 1.179506 | 0.847813 | 3.1822% | 1804 |
| 1.143129 | 0.874792 | 3.2868% | 1803 | 1.106753 | 0.903544 | 3.3985% | 1802 |
| 1.070376 | 0.934251 | 3.5180% | 1801 | 1.033999 | 0.967118 | 3.3999% | 1800 |
| 1.000000 | 1.000000 | 2.8419% | 1799 | 0.972367 | 1.028419 | 2.7485% | 1798 |
| 0.946356 | 1.056684 | 2.8261% | 1797 | 0.920346 | 1.086548 | 3.7832% | 1796 |
| 0.886797 | 1.127654 | 2.1272% | 1795 | 0.868326 | 1.151641 | 3.0879% | 1794 |
| 0.842316 | 1.187203 | 3.1625% | 1793 | 0.816494 | 1.224749 | 3.2904% | 1792 |
| 0.790484 | 1.265048 | 3.4024% | 1791 | 0.764474 | 1.308090 | 3.2296% | 1790 |
| 0.740557 | 1.350335 | 41.3145% | 1780 | 0.524049 | 1.908219 | 29.4353% | 1770 |
| 0.404873 | 2.469909 | 83.4728% | 1750 | 0.220672 | 4.531613 | 29.2845% | 1740 |
| 0.170687 | 5.858670 | 94.2514% | 1720 | 0.087869 | 11.380549 | 85.8111% | 1700 |

0.047290 21.146321 19.2490% 1690 0.039656 25.216787 88.0250% 1670
0.021091 47.413870

BASE YEAR: 1799

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|---------|
| 2009 | 58.428058 | 0.017115 | 8.2857% | 2001 | 53.957336 | 0.018533 | 1.0000% |
| 2000 | 53.423100 | 0.018718 | 1.0000% | 1999 | 52.894158 | 0.018906 | 1.0000% |
| 1998 | 52.370454 | 0.019095 | 1.0000% | 1997 | 51.851934 | 0.019286 | 1.0000% |
| 1996 | 51.338549 | 0.019479 | 1.0000% | 1995 | 50.830246 | 0.019673 | 0.9992% |
| 1994 | 50.327364 | 0.019870 | 1.0008% | 1993 | 49.828690 | 0.020069 | 1.0000% |
| 1992 | 49.335336 | 0.020269 | 0.9295% | 1991 | 48.880985 | 0.020458 | 1.2505% |
| 1990 | 48.277270 | 0.020714 | 0.7224% | 1989 | 47.930994 | 0.020863 | 1.1077% |
| 1988 | 47.405893 | 0.021094 | 0.8834% | 1987 | 46.990793 | 0.021281 | 0.5594% |
| 1986 | 46.729405 | 0.021400 | 1.3056% | 1985 | 46.127156 | 0.021679 | 0.7673% |
| 1984 | 45.775926 | 0.021846 | 0.8149% | 1983 | 45.405893 | 0.022024 | 0.9737% |
| 1982 | 44.968017 | 0.022238 | 0.9508% | 1981 | 44.544485 | 0.022449 | 0.9031% |
| 1980 | 44.145820 | 0.022652 | 2.2701% | 1799 | 43.165924 | 0.023166 | 1.0042% |
| 1978 | 42.736771 | 0.023399 | 0.9896% | 1977 | 42.317988 | 0.023631 | 0.9103% |
| 1976 | 41.936228 | 0.023846 | 0.8394% | 1975 | 41.587129 | 0.024046 | 0.9042% |
| 1974 | 41.214480 | 0.024263 | 1.1568% | 1973 | 40.743167 | 0.024544 | 0.9427% |
| 1972 | 40.362667 | 0.024775 | 0.7426% | 1971 | 40.065129 | 0.024959 | 1.4697% |
| 1970 | 39.484806 | 0.025326 | 0.6968% | 1969 | 39.211572 | 0.025503 | 0.8565% |
| 1968 | 38.878562 | 0.025721 | 1.5090% | 1967 | 38.300591 | 0.026109 | 0.9949% |
| 1966 | 37.923289 | 0.026369 | 1.0575% | 1965 | 37.526459 | 0.026648 | 1.1300% |
| 1964 | 37.107143 | 0.026949 | 1.5537% | 1963 | 36.539446 | 0.027368 | 1.4658% |
| 1962 | 36.011582 | 0.027769 | 1.5364% | 1961 | 35.466660 | 0.028195 | 2.1586% |
| 1960 | 34.717240 | 0.028804 | -1.6655% | 1959 | 35.305243 | 0.028324 | 4.3080% |
| 1958 | 33.847112 | 0.029545 | 2.1130% | 1957 | 33.146734 | 0.030169 | 1.9895% |
| 1956 | 32.500145 | 0.030769 | 2.1231% | 1955 | 31.824481 | 0.031422 | 1.4496% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1954 | 31.369742 | 0.031878 | 2.1573% | 1953 | 30.707308 | 0.032566 | 1.2298% |
| 1952 | 30.334270 | 0.032966 | 1.6814% | 1951 | 29.832671 | 0.033520 | 1.6233% |
| 1950 | 29.356141 | 0.034064 | 1.4265% | 1949 | 28.943255 | 0.034550 | 1.7790% |
| 1948 | 28.437343 | 0.035165 | 1.8242% | 1947 | 27.927893 | 0.035806 | -2.6320% |
| 1946 | 28.682836 | 0.034864 | 3.1768% | 1945 | 27.799695 | 0.035972 | 6.4754% |
| 1944 | 26.109027 | 0.038301 | -0.3437% | 1943 | 26.199066 | 0.038169 | 0.6562% |
| 1942 | 26.028263 | 0.038420 | 0.6633% | 1941 | 25.856755 | 0.038675 | -5.6614% |
| 1940 | 27.408466 | 0.036485 | 8.0381% | 1939 | 25.369258 | 0.039418 | 0.8126% |
| 1938 | 25.164761 | 0.039738 | 0.7762% | 1937 | 24.970925 | 0.040047 | 0.6029% |
| 1936 | 24.821283 | 0.040288 | 0.5244% | 1935 | 24.691801 | 0.040499 | -3.0364% |
| 1934 | 25.465013 | 0.039270 | 4.6271% | 1933 | 24.338825 | 0.041087 | 1.3921% |
| 1932 | 24.004652 | 0.041659 | -0.2051% | 1931 | 24.053983 | 0.041573 | 0.8886% |
| 1930 | 23.842123 | 0.041943 | 1.0126% | 1929 | 23.603121 | 0.042367 | 1.1526% |
| 1928 | 23.334173 | 0.042856 | 1.2160% | 1927 | 23.053838 | 0.043377 | 1.4086% |
| 1926 | 22.733616 | 0.043988 | 1.7667% | 1925 | 22.338957 | 0.044765 | 1.4465% |
| 1924 | 22.020431 | 0.045412 | 1.7700% | 1923 | 21.637454 | 0.046216 | 1.6165% |
| 1922 | 21.293244 | 0.046963 | 1.3736% | 1921 | 21.004714 | 0.047608 | 2.3393% |
| 1920 | 20.524580 | 0.048722 | 1.3140% | 1919 | 20.258383 | 0.049362 | 0.7676% |
| 1918 | 20.104056 | 0.049741 | 0.3870% | 1917 | 20.026556 | 0.049934 | 1.3274% |
| 1916 | 19.764198 | 0.050597 | 1.4083% | 1915 | 19.489727 | 0.051309 | 1.4458% |
| 1914 | 19.211960 | 0.052051 | 1.9424% | 1913 | 18.845900 | 0.053062 | 1.9857% |
| 1912 | 18.478969 | 0.054116 | 1.5634% | 1911 | 18.194514 | 0.054962 | 1.8169% |
| 1910 | 17.869834 | 0.055960 | 1.8781% | 1909 | 17.540415 | 0.057011 | 2.0082% |
| 1908 | 17.195096 | 0.058156 | 1.9603% | 1907 | 16.864509 | 0.059296 | 1.8264% |
| 1906 | 16.562028 | 0.060379 | 1.9357% | 1905 | 16.247529 | 0.061548 | 2.0148% |
| 1904 | 15.926633 | 0.062788 | 2.1335% | 1903 | 15.593932 | 0.064128 | 1.8151% |
| 1902 | 15.315925 | 0.065292 | 1.8943% | 1901 | 15.031182 | 0.066528 | 3.0255% |
| 1900 | 14.589769 | 0.068541 | 0.6278% | 1899 | 14.498740 | 0.068972 | 1.7757% |
| 1898 | 14.245784 | 0.070196 | 1.8078% | 1897 | 13.992828 | 0.071465 | 1.8396% |
| 1896 | 13.740066 | 0.072780 | 1.8755% | 1895 | 13.487110 | 0.074145 | 1.9114% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1894 | 13.234154 | 0.075562 | 1.9486% | 1893 | 12.981198 | 0.077034 | 1.9858% |
| 1892 | 12.728436 | 0.078564 | 2.0276% | 1891 | 12.475480 | 0.080157 | 2.6465% |
| 1890 | 12.153827 | 0.082279 | 1.5328% | 1889 | 11.970343 | 0.083540 | 2.0811% |
| 1888 | 11.726304 | 0.085278 | 2.1599% | 1887 | 11.478387 | 0.087120 | 2.2075% |
| 1886 | 11.230471 | 0.089043 | 2.2592% | 1885 | 10.982361 | 0.091055 | 2.3095% |
| 1884 | 10.734445 | 0.093158 | 2.3641% | 1883 | 10.486528 | 0.095360 | 2.4214% |
| 1882 | 10.238612 | 0.097669 | 2.4815% | 1881 | 9.990696 | 0.100093 | 3.7644% |
| 1880 | 9.628250 | 0.103861 | 0.9432% | 1879 | 9.538283 | 0.104841 | 2.1464% |
| 1878 | 9.337856 | 0.107091 | 2.1913% | 1877 | 9.137624 | 0.109438 | 2.2426% |
| 1876 | 8.937197 | 0.111892 | 2.2941% | 1875 | 8.736771 | 0.114459 | 2.3456% |
| 1874 | 8.536538 | 0.117144 | 2.4043% | 1873 | 8.336112 | 0.119960 | 2.4635% |
| 1872 | 8.135685 | 0.122915 | 2.5258% | 1871 | 7.935259 | 0.126020 | 5.9947% |
| 1870 | 7.486469 | 0.133574 | -1.0968% | 1869 | 7.569490 | 0.132109 | 2.1930% |
| 1868 | 7.407056 | 0.135006 | 2.2394% | 1867 | 7.244815 | 0.138030 | 2.2935% |
| 1866 | 7.082380 | 0.141195 | 2.3445% | 1865 | 6.920140 | 0.144506 | 2.4037% |
| 1864 | 6.757705 | 0.147979 | 2.4599% | 1863 | 6.595464 | 0.151619 | 2.5250% |
| 1862 | 6.433030 | 0.155448 | 2.5872% | 1861 | 6.270789 | 0.159470 | 2.9504% |
| 1860 | 6.091077 | 0.164175 | 2.4012% | 1859 | 5.948246 | 0.168117 | 2.7627% |
| 1858 | 5.788331 | 0.172761 | 2.8412% | 1857 | 5.628416 | 0.177670 | 2.9243% |
| 1856 | 5.468502 | 0.182865 | 3.0161% | 1855 | 5.308393 | 0.188381 | 3.1061% |
| 1854 | 5.148478 | 0.194232 | 3.2056% | 1853 | 4.988564 | 0.200459 | 3.3118% |
| 1852 | 4.828649 | 0.207097 | 3.4252% | 1851 | 4.668734 | 0.214191 | 4.0106% |
| 1850 | 4.488710 | 0.222781 | 2.3254% | 1849 | 4.386703 | 0.227962 | 2.7841% |
| 1848 | 4.267881 | 0.234308 | 2.8590% | 1847 | 4.149254 | 0.241007 | 2.9432% |
| 1846 | 4.030626 | 0.248100 | 3.0324% | 1845 | 3.911998 | 0.255624 | 3.1325% |
| 1844 | 3.793177 | 0.263631 | 3.2284% | 1843 | 3.674549 | 0.272142 | 3.3361% |
| 1842 | 3.555922 | 0.281221 | 3.4512% | 1841 | 3.437294 | 0.290927 | 3.8105% |
| 1840 | 3.311124 | 0.302012 | 2.3861% | 1839 | 3.233960 | 0.309218 | 2.5824% |
| 1838 | 3.152549 | 0.317204 | 2.6573% | 1837 | 3.070944 | 0.325633 | 2.7232% |
| 1836 | 2.989533 | 0.334500 | 2.7994% | 1835 | 2.908122 | 0.343865 | 2.8871% |
| 1834 | | | | | | | |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 2.826517 | 0.353792 | 2.9657% | 1833 | 2.745106 | 0.364285 | 3.0563% | 1832 |
| 2.663695 | 0.375418 | 3.1604% | 1831 | 2.582090 | 0.387283 | 3.4660% | 1830 |
| 2.495593 | 0.400706 | 2.4653% | 1829 | 2.435550 | 0.410585 | 2.6804% | 1828 |
| 2.371971 | 0.421590 | 10.3427% | 1827 | 2.149641 | 0.465194 | -4.2314% | 1826 |
| 2.244621 | 0.445509 | 2.9150% | 1825 | 2.181043 | 0.458496 | 3.0026% | 1824 |
| 2.117465 | 0.472263 | 3.0955% | 1823 | 2.053886 | 0.486882 | 3.1944% | 1822 |
| 1.990308 | 0.502435 | 3.3102% | 1821 | 1.926536 | 0.519066 | 3.2277% | 1820 |
| 1.866297 | 0.535820 | 2.6573% | 1819 | 1.817988 | 0.550059 | 2.6261% | 1818 |
| 1.771467 | 0.564504 | 2.6969% | 1817 | 1.724947 | 0.579728 | 2.7717% | 1816 |
| 1.678426 | 0.595796 | 2.8507% | 1815 | 1.631905 | 0.612781 | 2.9343% | 1814 |
| 1.585385 | 0.630762 | 3.0231% | 1813 | 1.538864 | 0.649830 | 3.1039% | 1812 |
| 1.492537 | 0.670000 | 3.2172% | 1811 | 1.446017 | 0.691555 | 3.0969% | 1810 |
| 1.402580 | 0.712972 | 2.9144% | 1809 | 1.362861 | 0.733751 | 2.8225% | 1808 |
| 1.325451 | 0.754460 | 2.9199% | 1807 | 1.287846 | 0.776490 | 2.9918% | 1806 |
| 1.250436 | 0.799721 | 3.0841% | 1805 | 1.213026 | 0.824385 | 3.1822% | 1804 |
| 1.175615 | 0.850618 | 3.2868% | 1803 | 1.138205 | 0.878576 | 3.3985% | 1802 |
| 1.100795 | 0.908435 | 3.5180% | 1801 | 1.063384 | 0.940394 | 3.3999% | 1800 |
| 1.028419 | 0.972367 | 2.8419% | 1799 | 1.000000 | 1.000000 | 2.7485% | 1798 |
| 0.973251 | 1.027485 | 2.8261% | 1797 | 0.946501 | 1.056523 | 3.7832% | 1796 |
| 0.911998 | 1.096493 | 2.1272% | 1795 | 0.893003 | 1.119818 | 3.0879% | 1794 |
| 0.866253 | 1.154397 | 3.1625% | 1793 | 0.839698 | 1.190905 | 3.2904% | 1792 |
| 0.812948 | 1.230091 | 3.4024% | 1791 | 0.786199 | 1.271943 | 3.2296% | 1790 |
| 0.761602 | 1.313021 | 41.3145% | 1780 | 0.538942 | 1.855488 | 29.4353% | 1770 |
| 0.416379 | 2.401657 | 83.4728% | 1750 | 0.226943 | 4.406389 | 29.2845% | 1740 |
| 0.175538 | 5.696776 | 94.2514% | 1720 | 0.090366 | 11.066066 | 85.8111% | 1700 |
| 0.048633 | 20.561977 | 19.2490% | 1690 | 0.040783 | 24.519962 | 88.0250% | 1670 |
| 0.021690 | 46.103664 | | | | | | |

BASE YEAR: 1798

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 60.033927 | 0.016657 | 8.2857% | 2001 | 55.440330 | 0.018037 | 1.0000% |
| 2000 | 54.891410 | 0.018218 | 1.0000% | 1999 | 54.347931 | 0.018400 | 1.0000% |
| 1998 | 53.809833 | 0.018584 | 1.0000% | 1997 | 53.277062 | 0.018770 | 1.0000% |
| 1996 | 52.749566 | 0.018958 | 1.0000% | 1995 | 52.227293 | 0.019147 | 0.9992% |
| 1994 | 51.710590 | 0.019338 | 1.0008% | 1993 | 51.198210 | 0.019532 | 1.0000% |
| 1992 | 50.691297 | 0.019727 | 0.9295% | 1991 | 50.224457 | 0.019911 | 1.2505% |
| 1990 | 49.604150 | 0.020160 | 0.7224% | 1989 | 49.248357 | 0.020305 | 1.1077% |
| 1988 | 48.708823 | 0.020530 | 0.8834% | 1987 | 48.282314 | 0.020712 | 0.5594% |
| 1986 | 48.013742 | 0.020827 | 1.3056% | 1985 | 47.394941 | 0.021099 | 0.7673% |
| 1984 | 47.034057 | 0.021261 | 0.8149% | 1983 | 46.653854 | 0.021434 | 0.9737% |
| 1982 | 46.203943 | 0.021643 | 0.9508% | 1981 | 45.768771 | 0.021849 | 0.9031% |
| 1980 | 45.359148 | 0.022046 | 2.2701% | 1979 | 44.352320 | 0.022547 | 1.0042% |
| 1978 | 43.911372 | 0.022773 | 0.9896% | 1977 | 43.481079 | 0.022999 | 0.9103% |
| 1976 | 43.088827 | 0.023208 | 0.8394% | 1975 | 42.730133 | 0.023403 | 0.9042% |
| 1974 | 42.347242 | 0.023614 | 1.1568% | 1973 | 41.862976 | 0.023887 | 0.9427% |
| 1972 | 41.472018 | 0.024113 | 0.7426% | 1971 | 41.166302 | 0.024292 | 1.4697% |
| 1970 | 40.570029 | 0.024649 | 0.6968% | 1969 | 40.289285 | 0.024820 | 0.8565% |
| 1968 | 39.947122 | 0.025033 | 1.5090% | 1967 | 39.353266 | 0.025411 | 0.9949% |
| 1966 | 38.965595 | 0.025664 | 1.0575% | 1965 | 38.557857 | 0.025935 | 1.1300% |
| 1964 | 38.127017 | 0.026228 | 1.5537% | 1963 | 37.543716 | 0.026636 | 1.4658% |
| 1962 | 37.001344 | 0.027026 | 1.5364% | 1961 | 36.441446 | 0.027441 | 2.1586% |
| 1960 | 35.671428 | 0.028034 | -1.6655% | 1959 | 36.275593 | 0.027567 | 4.3080% |
| 1958 | 34.777385 | 0.028754 | 2.1130% | 1957 | 34.057757 | 0.029362 | 1.9895% |
| 1956 | 33.393398 | 0.029946 | 2.1231% | 1955 | 32.699164 | 0.030582 | 1.4496% |
| 1954 | 32.231926 | 0.031025 | 2.1573% | 1953 | 31.551285 | 0.031694 | 1.2298% |
| 1952 | 31.167994 | 0.032084 | 1.6814% | 1951 | 30.652609 | 0.032624 | 1.6233% |
| 1950 | 30.162981 | 0.033153 | 1.4265% | 1949 | 29.738747 | 0.033626 | 1.7790% |
| 1948 | 29.218930 | 0.034224 | 1.8242% | 1947 | 28.695479 | 0.034849 | -2.6320% |
| 1946 | 29.471171 | 0.033931 | 3.1768% | 1945 | 28.563757 | 0.035009 | 6.4754% |
| 1944 | 26.826622 | 0.037276 | -0.3437% | 1943 | 26.919136 | 0.037148 | 0.6562% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 26.743639 | 0.037392 | 0.6633% | 1941 | 26.567417 | 0.037640 | -5.6614% |
| 1940 | 28.161775 | 0.035509 | 8.0381% | 1939 | 26.066521 | 0.038363 | 0.8126% |
| 1938 | 25.856403 | 0.038675 | 0.7762% | 1937 | 25.657240 | 0.038975 | 0.6029% |
| 1936 | 25.503485 | 0.039210 | 0.5244% | 1935 | 25.370444 | 0.039416 | -3.0364% |
| 1934 | 26.164907 | 0.038219 | 4.6271% | 1933 | 25.007767 | 0.039988 | 1.3921% |
| 1932 | 24.664409 | 0.040544 | -0.2051% | 1931 | 24.715097 | 0.040461 | 0.8886% |
| 1930 | 24.497413 | 0.040821 | 1.0126% | 1929 | 24.251842 | 0.041234 | 1.1526% |
| 1928 | 23.975503 | 0.041709 | 1.2160% | 1927 | 23.687463 | 0.042216 | 1.4086% |
| 1926 | 23.358440 | 0.042811 | 1.7667% | 1925 | 22.952934 | 0.043567 | 1.4465% |
| 1924 | 22.625653 | 0.044198 | 1.7700% | 1923 | 22.232150 | 0.044980 | 1.6165% |
| 1922 | 21.878480 | 0.045707 | 1.3736% | 1921 | 21.582020 | 0.046335 | 2.3393% |
| 1920 | 21.088690 | 0.047419 | 1.3140% | 1919 | 20.815176 | 0.048042 | 0.7676% |
| 1918 | 20.656607 | 0.048411 | 0.3870% | 1917 | 20.576977 | 0.048598 | 1.3274% |
| 1916 | 20.307409 | 0.049243 | 1.4083% | 1915 | 20.025393 | 0.049937 | 1.4458% |
| 1914 | 19.739992 | 0.050659 | 1.9424% | 1913 | 19.363872 | 0.051643 | 1.9857% |
| 1912 | 18.986855 | 0.052668 | 1.5634% | 1911 | 18.694583 | 0.053491 | 1.8169% |
| 1910 | 18.360979 | 0.054463 | 1.8781% | 1909 | 18.022505 | 0.055486 | 2.0082% |
| 1908 | 17.667696 | 0.056600 | 1.9603% | 1907 | 17.328022 | 0.057710 | 1.8264% |
| 1906 | 17.017228 | 0.058764 | 1.9357% | 1905 | 16.694085 | 0.059901 | 2.0148% |
| 1904 | 16.364370 | 0.061108 | 2.1335% | 1903 | 16.022525 | 0.062412 | 1.8151% |
| 1902 | 15.736877 | 0.063545 | 1.8943% | 1901 | 15.444308 | 0.064749 | 3.0255% |
| 1900 | 14.990762 | 0.066708 | 0.6278% | 1899 | 14.897232 | 0.067127 | 1.7757% |
| 1898 | 14.637323 | 0.068319 | 1.8078% | 1897 | 14.377415 | 0.069554 | 1.8396% |
| 1896 | 14.117706 | 0.070833 | 1.8755% | 1895 | 13.857797 | 0.072162 | 1.9114% |
| 1894 | 13.597889 | 0.073541 | 1.9486% | 1893 | 13.337980 | 0.074974 | 1.9858% |
| 1892 | 13.078271 | 0.076463 | 2.0276% | 1891 | 12.818363 | 0.078013 | 2.6465% |
| 1890 | 12.487869 | 0.080078 | 1.5328% | 1889 | 12.299343 | 0.081305 | 2.0811% |
| 1888 | 12.048596 | 0.082997 | 2.1599% | 1887 | 11.793866 | 0.084790 | 2.2075% |
| 1886 | 11.539136 | 0.086662 | 2.2592% | 1885 | 11.284206 | 0.088619 | 2.3095% |
| 1884 | 11.029476 | 0.090666 | 2.3641% | 1883 | 10.774746 | 0.092810 | 2.4214% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1882 | 10.520016 | 0.095057 | 2.4815% | 1881 | 10.265286 | 0.097416 | 3.7644% |
| 1880 | 9.892879 | 0.101083 | 0.9432% | 1879 | 9.800438 | 0.102036 | 2.1464% |
| 1878 | 9.594503 | 0.104226 | 2.1913% | 1877 | 9.388767 | 0.106510 | 2.2426% |
| 1876 | 9.182832 | 0.108899 | 2.2941% | 1875 | 8.976897 | 0.111397 | 2.3456% |
| 1874 | 8.771161 | 0.114010 | 2.4043% | 1873 | 8.565226 | 0.116751 | 2.4635% |
| 1872 | 8.359291 | 0.119627 | 2.5258% | 1871 | 8.153356 | 0.122649 | 5.9947% |
| 1870 | 7.692232 | 0.130001 | -1.0968% | 1869 | 7.777534 | 0.128575 | 2.1930% |
| 1868 | 7.610635 | 0.131395 | 2.2394% | 1867 | 7.443935 | 0.134338 | 2.2935% |
| 1866 | 7.277036 | 0.137419 | 2.3445% | 1865 | 7.110337 | 0.140640 | 2.4037% |
| 1864 | 6.943438 | 0.144021 | 2.4599% | 1863 | 6.776738 | 0.147564 | 2.5250% |
| 1862 | 6.609839 | 0.151290 | 2.5872% | 1861 | 6.443139 | 0.155204 | 2.9504% |
| 1860 | 6.258488 | 0.159783 | 2.4012% | 1859 | 6.111731 | 0.163620 | 2.7627% |
| 1858 | 5.947421 | 0.168140 | 2.8412% | 1857 | 5.783111 | 0.172917 | 2.9243% |
| 1856 | 5.618801 | 0.177974 | 3.0161% | 1855 | 5.454292 | 0.183342 | 3.1061% |
| 1854 | 5.289982 | 0.189037 | 3.2056% | 1853 | 5.125672 | 0.195096 | 3.3118% |
| 1852 | 4.961362 | 0.201558 | 3.4252% | 1851 | 4.797052 | 0.208461 | 4.0106% |
| 1850 | 4.612080 | 0.216822 | 2.3254% | 1849 | 4.507269 | 0.221864 | 2.7841% |
| 1848 | 4.385182 | 0.228041 | 2.8590% | 1847 | 4.263294 | 0.234560 | 2.9432% |
| 1846 | 4.141406 | 0.241464 | 3.0324% | 1845 | 4.019518 | 0.248786 | 3.1325% |
| 1844 | 3.897431 | 0.256579 | 3.2284% | 1843 | 3.775543 | 0.264863 | 3.3361% |
| 1842 | 3.653655 | 0.273699 | 3.4512% | 1841 | 3.531767 | 0.283144 | 3.8105% |
| 1840 | 3.402129 | 0.293934 | 2.3861% | 1839 | 3.322844 | 0.300947 | 2.5824% |
| 1838 | 3.239195 | 0.308719 | 2.6573% | 1837 | 3.155348 | 0.316922 | 2.7232% |
| 1836 | 3.071699 | 0.325553 | 2.7994% | 1835 | 2.988050 | 0.334666 | 2.8871% |
| 1834 | 2.904202 | 0.344329 | 2.9657% | 1833 | 2.820554 | 0.354540 | 3.0563% |
| 1832 | 2.736905 | 0.365376 | 3.1604% | 1831 | 2.653057 | 0.376924 | 3.4660% |
| 1830 | 2.564183 | 0.389988 | 2.4653% | 1829 | 2.502490 | 0.399602 | 2.6804% |
| 1828 | 2.437164 | 0.410313 | 10.3427% | 1827 | 2.208723 | 0.452750 | -4.2314% |
| 1826 | 2.306313 | 0.433592 | 2.9150% | 1825 | 2.240988 | 0.446232 | 3.0026% |
| 1824 | 2.175662 | 0.459630 | 3.0955% | 1823 | 2.110337 | 0.473858 | 3.1944% |
| 1822 | | | | | | | |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 2.045011 | 0.488995 | 3.3102% | 1821 | 1.979486 | 0.505182 | 3.2277% | 1820 |
| 1.917591 | 0.521488 | 2.6573% | 1819 | 1.867955 | 0.535345 | 2.6261% | 1818 |
| 1.820155 | 0.549404 | 2.6969% | 1817 | 1.772356 | 0.564221 | 2.7717% | 1816 |
| 1.724557 | 0.579859 | 2.8507% | 1815 | 1.676758 | 0.596389 | 2.9343% | 1814 |
| 1.628958 | 0.613889 | 3.0231% | 1813 | 1.581159 | 0.632447 | 3.1039% | 1812 |
| 1.533559 | 0.652078 | 3.2172% | 1811 | 1.485760 | 0.673056 | 3.0969% | 1810 |
| 1.441129 | 0.693900 | 2.9144% | 1809 | 1.400319 | 0.714123 | 2.8225% | 1808 |
| 1.361880 | 0.734279 | 2.9199% | 1807 | 1.323242 | 0.755719 | 2.9918% | 1806 |
| 1.284804 | 0.778329 | 3.0841% | 1805 | 1.246365 | 0.802333 | 3.1822% | 1804 |
| 1.207927 | 0.827865 | 3.2868% | 1803 | 1.169488 | 0.855075 | 3.3985% | 1802 |
| 1.131050 | 0.884135 | 3.5180% | 1801 | 1.092611 | 0.915239 | 3.3999% | 1800 |
| 1.056684 | 0.946356 | 2.8419% | 1799 | 1.027485 | 0.973251 | 2.7485% | 1798 |
| 1.000000 | 1.000000 | 2.8261% | 1797 | 0.972515 | 1.028261 | 3.7832% | 1796 |
| 0.937064 | 1.067163 | 2.1272% | 1795 | 0.917546 | 1.089863 | 3.0879% | 1794 |
| 0.890062 | 1.123518 | 3.1625% | 1793 | 0.862776 | 1.159049 | 3.2904% | 1792 |
| 0.835292 | 1.197186 | 3.4024% | 1791 | 0.807807 | 1.237919 | 3.2296% | 1790 |
| 0.782535 | 1.277899 | 41.3145% | 1780 | 0.553754 | 1.805855 | 29.4353% | 1770 |
| 0.427823 | 2.337414 | 83.4728% | 1750 | 0.233181 | 4.288521 | 29.2845% | 1740 |
| 0.180362 | 5.544390 | 94.2514% | 1720 | 0.092850 | 10.770056 | 85.8111% | 1700 |
| 0.049970 | 20.011957 | 19.2490% | 1690 | 0.041904 | 23.864068 | 88.0250% | 1670 |
| 0.022286 | 44.870420 | | | | | | |

BASE YEAR: 1797

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 61.730565 | 0.016199 | 8.2857% | 2001 | 57.007147 | 0.017542 | 1.0000% |
| 2000 | 56.442714 | 0.017717 | 1.0000% | 1999 | 55.883875 | 0.017894 | 1.0000% |
| 1998 | 55.330569 | 0.018073 | 1.0000% | 1997 | 54.782742 | 0.018254 | 1.0000% |
| 1996 | 54.240339 | 0.018436 | 1.0000% | 1995 | 53.703305 | 0.018621 | 0.9992% |
| 1994 | 53.171999 | 0.018807 | 1.0008% | 1993 | 52.645138 | 0.018995 | 1.0000% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 52.123899 | 0.019185 | 0.9295% | 1991 | 51.643866 | 0.019363 | 1.2505% |
| 1990 | 51.006028 | 0.019606 | 0.7224% | 1989 | 50.640180 | 0.019747 | 1.1077% |
| 1988 | 50.085398 | 0.019966 | 0.8834% | 1987 | 49.646836 | 0.020142 | 0.5594% |
| 1986 | 49.370674 | 0.020255 | 1.3056% | 1985 | 48.734385 | 0.020519 | 0.7673% |
| 1984 | 48.363301 | 0.020677 | 0.8149% | 1983 | 47.972353 | 0.020845 | 0.9737% |
| 1982 | 47.509728 | 0.021048 | 0.9508% | 1981 | 47.062257 | 0.021248 | 0.9031% |
| 1980 | 46.641057 | 0.021440 | 2.2701% | 1979 | 45.605775 | 0.021927 | 1.0042% |
| 1978 | 45.152365 | 0.022147 | 0.9896% | 1977 | 44.709912 | 0.022366 | 0.9103% |
| 1976 | 44.306574 | 0.022570 | 0.8394% | 1975 | 43.937743 | 0.022759 | 0.9042% |
| 1974 | 43.544030 | 0.022965 | 1.1568% | 1973 | 43.046078 | 0.023231 | 0.9427% |
| 1972 | 42.644071 | 0.023450 | 0.7426% | 1971 | 42.329715 | 0.023624 | 1.4697% |
| 1970 | 41.716591 | 0.023971 | 0.6968% | 1969 | 41.427913 | 0.024138 | 0.8565% |
| 1968 | 41.076080 | 0.024345 | 1.5090% | 1967 | 40.465441 | 0.024712 | 0.9949% |
| 1966 | 40.066813 | 0.024958 | 1.0575% | 1965 | 39.647553 | 0.025222 | 1.1300% |
| 1964 | 39.204536 | 0.025507 | 1.5537% | 1963 | 38.604751 | 0.025904 | 1.4658% |
| 1962 | 38.047051 | 0.026283 | 1.5364% | 1961 | 37.471329 | 0.026687 | 2.1586% |
| 1960 | 36.679550 | 0.027263 | -1.6655% | 1959 | 37.300788 | 0.026809 | 4.3080% |
| 1958 | 35.760240 | 0.027964 | 2.1130% | 1957 | 35.020274 | 0.028555 | 1.9895% |
| 1956 | 34.337139 | 0.029123 | 2.1231% | 1955 | 33.623285 | 0.029741 | 1.4496% |
| 1954 | 33.142843 | 0.030172 | 2.1573% | 1953 | 32.442965 | 0.030823 | 1.2298% |
| 1952 | 32.048843 | 0.031202 | 1.6814% | 1951 | 31.518892 | 0.031727 | 1.6233% |
| 1950 | 31.015427 | 0.032242 | 1.4265% | 1949 | 30.579203 | 0.032702 | 1.7790% |
| 1948 | 30.044696 | 0.033284 | 1.8242% | 1947 | 29.506451 | 0.033891 | -2.6320% |
| 1946 | 30.304065 | 0.032999 | 3.1768% | 1945 | 29.371007 | 0.034047 | 6.4754% |
| 1944 | 27.584777 | 0.036252 | -0.3437% | 1943 | 27.679907 | 0.036127 | 0.6562% |
| 1942 | 27.499449 | 0.036364 | 0.6633% | 1941 | 27.318247 | 0.036606 | -5.6614% |
| 1940 | 28.957664 | 0.034533 | 8.0381% | 1939 | 26.803195 | 0.037309 | 0.8126% |
| 1938 | 26.587139 | 0.037612 | 0.7762% | 1937 | 26.382347 | 0.037904 | 0.6029% |
| 1936 | 26.224247 | 0.038133 | 0.5244% | 1935 | 26.087446 | 0.038333 | -3.0364% |
| 1934 | 26.904362 | 0.037169 | 4.6271% | 1933 | 25.714520 | 0.038889 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 25.361458 | 0.039430 | -0.2051% | 1931 | 25.413578 | 0.039349 | 0.8886% |
| 1930 | 25.189742 | 0.039699 | 1.0126% | 1929 | 24.937231 | 0.040101 | 1.1526% |
| 1928 | 24.653082 | 0.040563 | 1.2160% | 1927 | 24.356901 | 0.041056 | 1.4086% |
| 1926 | 24.018580 | 0.041634 | 1.7667% | 1925 | 23.601614 | 0.042370 | 1.4465% |
| 1924 | 23.265083 | 0.042983 | 1.7700% | 1923 | 22.860460 | 0.043744 | 1.6165% |
| 1922 | 22.496795 | 0.044451 | 1.3736% | 1921 | 22.191956 | 0.045061 | 2.3393% |
| 1920 | 21.684684 | 0.046115 | 1.3140% | 1919 | 21.403441 | 0.046721 | 0.7676% |
| 1918 | 21.240390 | 0.047080 | 0.3870% | 1917 | 21.158509 | 0.047262 | 1.3274% |
| 1916 | 20.881323 | 0.047890 | 1.4083% | 1915 | 20.591337 | 0.048564 | 1.4458% |
| 1914 | 20.297870 | 0.049266 | 1.9424% | 1913 | 19.911120 | 0.050223 | 1.9857% |
| 1912 | 19.523449 | 0.051220 | 1.5634% | 1911 | 19.222916 | 0.052021 | 1.8169% |
| 1910 | 18.879884 | 0.052966 | 1.8781% | 1909 | 18.531845 | 0.053961 | 2.0082% |
| 1908 | 18.167008 | 0.055045 | 1.9603% | 1907 | 17.817735 | 0.056124 | 1.8264% |
| 1906 | 17.498157 | 0.057149 | 1.9357% | 1905 | 17.165882 | 0.058255 | 2.0148% |
| 1904 | 16.826848 | 0.059429 | 2.1335% | 1903 | 16.475342 | 0.060697 | 1.8151% |
| 1902 | 16.181622 | 0.061799 | 1.8943% | 1901 | 15.880784 | 0.062969 | 3.0255% |
| 1900 | 15.414421 | 0.064874 | 0.6278% | 1899 | 15.318247 | 0.065282 | 1.7757% |
| 1898 | 15.050993 | 0.066441 | 1.8078% | 1897 | 14.783740 | 0.067642 | 1.8396% |
| 1896 | 14.516691 | 0.068886 | 1.8755% | 1895 | 14.249437 | 0.070178 | 1.9114% |
| 1894 | 13.982183 | 0.071520 | 1.9486% | 1893 | 13.714929 | 0.072913 | 1.9858% |
| 1892 | 13.447880 | 0.074361 | 2.0276% | 1891 | 13.180627 | 0.075869 | 2.6465% |
| 1890 | 12.840793 | 0.077877 | 1.5328% | 1889 | 12.646938 | 0.079071 | 2.0811% |
| 1888 | 12.389105 | 0.080716 | 2.1599% | 1887 | 12.127176 | 0.082459 | 2.2075% |
| 1886 | 11.865247 | 0.084280 | 2.2592% | 1885 | 11.603113 | 0.086184 | 2.3095% |
| 1884 | 11.341184 | 0.088174 | 2.3641% | 1883 | 11.079255 | 0.090259 | 2.4214% |
| 1882 | 10.817325 | 0.092444 | 2.4815% | 1881 | 10.555396 | 0.094738 | 3.7644% |
| 1880 | 10.172464 | 0.098305 | 0.9432% | 1879 | 10.077411 | 0.099232 | 2.1464% |
| 1878 | 9.865656 | 0.101362 | 2.1913% | 1877 | 9.654106 | 0.103583 | 2.2426% |
| 1876 | 9.442351 | 0.105906 | 2.2941% | 1875 | 9.230596 | 0.108335 | 2.3456% |
| 1874 | 9.019046 | 0.110876 | 2.4043% | 1873 | 8.807291 | 0.113542 | 2.4635% |
| 1872 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 8.595536 | 0.116339 | 2.5258% | 1871 | 8.383780 | 0.119278 | 5.9947% | 1870 |
| 7.909624 | 0.126428 | -1.0968% | 1869 | 7.997338 | 0.125042 | 2.1930% | 1868 |
| 7.825722 | 0.127784 | 2.2394% | 1867 | 7.654311 | 0.130645 | 2.2935% | 1866 |
| 7.482695 | 0.133642 | 2.3445% | 1865 | 7.311284 | 0.136775 | 2.4037% | 1864 |
| 7.139668 | 0.140063 | 2.4599% | 1863 | 6.968257 | 0.143508 | 2.5250% | 1862 |
| 6.796641 | 0.147131 | 2.5872% | 1861 | 6.625230 | 0.150938 | 2.9504% | 1860 |
| 6.435361 | 0.155391 | 2.4012% | 1859 | 6.284456 | 0.159123 | 2.7627% | 1858 |
| 6.115503 | 0.163519 | 2.8412% | 1857 | 5.946549 | 0.168165 | 2.9243% | 1856 |
| 5.777596 | 0.173082 | 3.0161% | 1855 | 5.608437 | 0.178303 | 3.1061% | 1854 |
| 5.439484 | 0.183841 | 3.2056% | 1853 | 5.270530 | 0.189734 | 3.3118% | 1852 |
| 5.101577 | 0.196018 | 3.4252% | 1851 | 4.932623 | 0.202732 | 4.0106% | 1850 |
| 4.742424 | 0.210863 | 2.3254% | 1849 | 4.634651 | 0.215766 | 2.7841% | 1848 |
| 4.509113 | 0.221773 | 2.8590% | 1847 | 4.383780 | 0.228114 | 2.9432% | 1846 |
| 4.258448 | 0.234827 | 3.0324% | 1845 | 4.133115 | 0.241948 | 3.1325% | 1844 |
| 4.007577 | 0.249527 | 3.2284% | 1843 | 3.882245 | 0.257583 | 3.3361% | 1842 |
| 3.756912 | 0.266176 | 3.4512% | 1841 | 3.631579 | 0.275362 | 3.8105% | 1840 |
| 3.498277 | 0.285855 | 2.3861% | 1839 | 3.416752 | 0.292676 | 2.5824% | 1838 |
| 3.330739 | 0.300234 | 2.6573% | 1837 | 3.244522 | 0.308212 | 2.7232% | 1836 |
| 3.158509 | 0.316605 | 2.7994% | 1835 | 3.072496 | 0.325468 | 2.8871% | 1834 |
| 2.986279 | 0.334865 | 2.9657% | 1833 | 2.900266 | 0.344796 | 3.0563% | 1832 |
| 2.814254 | 0.355334 | 3.1604% | 1831 | 2.728036 | 0.366564 | 3.4660% | 1830 |
| 2.636651 | 0.379269 | 2.4653% | 1829 | 2.573213 | 0.388619 | 2.6804% | 1828 |
| 2.506041 | 0.399036 | 10.3427% | 1827 | 2.271145 | 0.440307 | -4.2314% | 1826 |
| 2.371493 | 0.421675 | 2.9150% | 1825 | 2.304321 | 0.433967 | 3.0026% | 1824 |
| 2.237149 | 0.446997 | 3.0955% | 1823 | 2.169977 | 0.460834 | 3.1944% | 1822 |
| 2.102806 | 0.475555 | 3.3102% | 1821 | 2.035429 | 0.491297 | 3.2277% | 1820 |
| 1.971785 | 0.507155 | 2.6573% | 1819 | 1.920745 | 0.520631 | 2.6261% | 1818 |
| 1.871595 | 0.534304 | 2.6969% | 1817 | 1.822445 | 0.548713 | 2.7717% | 1816 |
| 1.773295 | 0.563922 | 2.8507% | 1815 | 1.724145 | 0.579998 | 2.9343% | 1814 |
| 1.674995 | 0.597017 | 3.0231% | 1813 | 1.625845 | 0.615065 | 3.1039% | 1812 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.576899 | 0.634156 | 3.2172% | 1811 | 1.527749 | 0.654558 | 3.0969% | 1810 |
| 1.481857 | 0.674829 | 2.9144% | 1809 | 1.439894 | 0.694496 | 2.8225% | 1808 |
| 1.400369 | 0.714098 | 2.9199% | 1807 | 1.360639 | 0.734949 | 2.9918% | 1806 |
| 1.321114 | 0.756937 | 3.0841% | 1805 | 1.281589 | 0.780281 | 3.1822% | 1804 |
| 1.242064 | 0.805111 | 3.2868% | 1803 | 1.202539 | 0.831574 | 3.3985% | 1802 |
| 1.163015 | 0.859834 | 3.5180% | 1801 | 1.123490 | 0.890084 | 3.3999% | 1800 |
| 1.086548 | 0.920346 | 2.8419% | 1799 | 1.056523 | 0.946501 | 2.7485% | 1798 |
| 1.028261 | 0.972515 | 2.8261% | 1797 | 1.000000 | 1.000000 | 3.7832% | 1796 |
| 0.963547 | 1.037832 | 2.1272% | 1795 | 0.943477 | 1.059909 | 3.0879% | 1794 |
| 0.915216 | 1.092638 | 3.1625% | 1793 | 0.887160 | 1.127193 | 3.2904% | 1792 |
| 0.858898 | 1.164282 | 3.4024% | 1791 | 0.830637 | 1.203895 | 3.2296% | 1790 |
| 0.804650 | 1.242776 | 41.3145% | 1780 | 0.569404 | 1.756222 | 29.4353% | 1770 |
| 0.439914 | 2.273172 | 83.4728% | 1750 | 0.239771 | 4.170653 | 29.2845% | 1740 |
| 0.185460 | 5.392005 | 94.2514% | 1720 | 0.095474 | 10.474045 | 85.8111% | 1700 |
| 0.051382 | 19.461937 | 19.2490% | 1690 | 0.043088 | 23.208175 | 88.0250% | 1670 |
| 0.022916 | 43.637176 | | | | | | |

BASE YEAR: 1796

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 64.065962 | 0.015609 | 8.2857% | 2001 | 59.163847 | 0.016902 | 1.0000% |
| 2000 | 58.578060 | 0.017071 | 1.0000% | 1999 | 57.998079 | 0.017242 | 1.0000% |
| 1998 | 57.423841 | 0.017414 | 1.0000% | 1997 | 56.855288 | 0.017589 | 1.0000% |
| 1996 | 56.292364 | 0.017764 | 1.0000% | 1995 | 55.735014 | 0.017942 | 0.9992% |
| 1994 | 55.183607 | 0.018121 | 1.0008% | 1993 | 54.636814 | 0.018303 | 1.0000% |
| 1992 | 54.095855 | 0.018486 | 0.9295% | 1991 | 53.597662 | 0.018658 | 1.2505% |
| 1990 | 52.935693 | 0.018891 | 0.7224% | 1989 | 52.556004 | 0.019027 | 1.1077% |
| 1988 | 51.980234 | 0.019238 | 0.8834% | 1987 | 51.525080 | 0.019408 | 0.5594% |
| 1986 | 51.238470 | 0.019517 | 1.3056% | 1985 | 50.578108 | 0.019771 | 0.7673% |
| 1984 | 50.192986 | 0.019923 | 0.8149% | 1983 | 49.787248 | 0.020085 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 49.307120 | 0.020281 | 0.9508% | 1981 | 48.842721 | 0.020474 | 0.9031% |
| 1980 | 48.405586 | 0.020659 | 2.2701% | 1979 | 47.331137 | 0.021128 | 1.0042% |
| 1978 | 46.860574 | 0.021340 | 0.9896% | 1977 | 46.401382 | 0.021551 | 0.9103% |
| 1976 | 45.982784 | 0.021747 | 0.8394% | 1975 | 45.600000 | 0.021930 | 0.9042% |
| 1974 | 45.191392 | 0.022128 | 1.1568% | 1973 | 44.674601 | 0.022384 | 0.9427% |
| 1972 | 44.257386 | 0.022595 | 0.7426% | 1971 | 43.931137 | 0.022763 | 1.4697% |
| 1970 | 43.294817 | 0.023097 | 0.6968% | 1969 | 42.995218 | 0.023258 | 0.8565% |
| 1968 | 42.630074 | 0.023458 | 1.5090% | 1967 | 41.996334 | 0.023812 | 0.9949% |
| 1966 | 41.582625 | 0.024049 | 1.0575% | 1965 | 41.147503 | 0.024303 | 1.1300% |
| 1964 | 40.687726 | 0.024577 | 1.5537% | 1963 | 40.065250 | 0.024959 | 1.4658% |
| 1962 | 39.486451 | 0.025325 | 1.5364% | 1961 | 38.888948 | 0.025714 | 2.1586% |
| 1960 | 38.067214 | 0.026269 | -1.6655% | 1959 | 38.711955 | 0.025832 | 4.3080% |
| 1958 | 37.113124 | 0.026945 | 2.1130% | 1957 | 36.345165 | 0.027514 | 1.9895% |
| 1956 | 35.636185 | 0.028061 | 2.1231% | 1955 | 34.895324 | 0.028657 | 1.4496% |
| 1954 | 34.396706 | 0.029073 | 2.1573% | 1953 | 33.670351 | 0.029700 | 1.2298% |
| 1952 | 33.261318 | 0.030065 | 1.6814% | 1951 | 32.711318 | 0.030570 | 1.6233% |
| 1950 | 32.188806 | 0.031067 | 1.4265% | 1949 | 31.736079 | 0.031510 | 1.7790% |
| 1948 | 31.181350 | 0.032070 | 1.8242% | 1947 | 30.622742 | 0.032655 | -2.6320% |
| 1946 | 31.450531 | 0.031796 | 3.1768% | 1945 | 30.482173 | 0.032806 | 6.4754% |
| 1944 | 28.628367 | 0.034930 | -0.3437% | 1943 | 28.727095 | 0.034810 | 0.6562% |
| 1942 | 28.539811 | 0.035039 | 0.6633% | 1941 | 28.351753 | 0.035271 | -5.6614% |
| 1940 | 30.053193 | 0.033274 | 8.0381% | 1939 | 27.817216 | 0.035949 | 0.8126% |
| 1938 | 27.592986 | 0.036241 | 0.7762% | 1937 | 27.380446 | 0.036522 | 0.6029% |
| 1936 | 27.216366 | 0.036743 | 0.5244% | 1935 | 27.074389 | 0.036935 | -3.0364% |
| 1934 | 27.922210 | 0.035814 | 4.6271% | 1933 | 26.687354 | 0.037471 | 1.3921% |
| 1932 | 26.320935 | 0.037993 | -0.2051% | 1931 | 26.375027 | 0.037915 | 0.8886% |
| 1930 | 26.142723 | 0.038252 | 1.0126% | 1929 | 25.880659 | 0.038639 | 1.1526% |
| 1928 | 25.585760 | 0.039084 | 1.2160% | 1927 | 25.278374 | 0.039560 | 1.4086% |
| 1926 | 24.927253 | 0.040117 | 1.7667% | 1925 | 24.494512 | 0.040825 | 1.4465% |
| 1924 | 24.145250 | 0.041416 | 1.7700% | 1923 | 23.725319 | 0.042149 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 23.347895 | 0.042830 | 1.3736% | 1921 | 23.031524 | 0.043419 | 2.3393% |
| 1920 | 22.505061 | 0.044434 | 1.3140% | 1919 | 22.213177 | 0.045018 | 0.7676% |
| 1918 | 22.043959 | 0.045364 | 0.3870% | 1917 | 21.958980 | 0.045539 | 1.3274% |
| 1916 | 21.671307 | 0.046144 | 1.4083% | 1915 | 21.370351 | 0.046794 | 1.4458% |
| 1914 | 21.065781 | 0.047470 | 1.9424% | 1913 | 20.664400 | 0.048392 | 1.9857% |
| 1912 | 20.262062 | 0.049353 | 1.5634% | 1911 | 19.950159 | 0.050125 | 1.8169% |
| 1910 | 19.594150 | 0.051036 | 1.8781% | 1909 | 19.232944 | 0.051994 | 2.0082% |
| 1908 | 18.854304 | 0.053038 | 1.9603% | 1907 | 18.491817 | 0.054078 | 1.8264% |
| 1906 | 18.160149 | 0.055066 | 1.9357% | 1905 | 17.815303 | 0.056132 | 2.0148% |
| 1904 | 17.463443 | 0.057262 | 2.1335% | 1903 | 17.098639 | 0.058484 | 1.8151% |
| 1902 | 16.793806 | 0.059546 | 1.8943% | 1901 | 16.481588 | 0.060674 | 3.0255% |
| 1900 | 15.997581 | 0.062509 | 0.6278% | 1899 | 15.897768 | 0.062902 | 1.7757% |
| 1898 | 15.620404 | 0.064019 | 1.8078% | 1897 | 15.343039 | 0.065176 | 1.8396% |
| 1896 | 15.065887 | 0.066375 | 1.8755% | 1895 | 14.788523 | 0.067620 | 1.9114% |
| 1894 | 14.511158 | 0.068912 | 1.9486% | 1893 | 14.233794 | 0.070255 | 1.9858% |
| 1892 | 13.956642 | 0.071650 | 2.0276% | 1891 | 13.679277 | 0.073103 | 2.6465% |
| 1890 | 13.326587 | 0.075038 | 1.5328% | 1889 | 13.125399 | 0.076188 | 2.0811% |
| 1888 | 12.857811 | 0.077774 | 2.1599% | 1887 | 12.585972 | 0.079454 | 2.2075% |
| 1886 | 12.314134 | 0.081207 | 2.2592% | 1885 | 12.042083 | 0.083042 | 2.3095% |
| 1884 | 11.770244 | 0.084960 | 2.3641% | 1883 | 11.498406 | 0.086969 | 2.4214% |
| 1882 | 11.226567 | 0.089074 | 2.4815% | 1881 | 10.954729 | 0.091285 | 3.7644% |
| 1880 | 10.557310 | 0.094721 | 0.9432% | 1879 | 10.458661 | 0.095615 | 2.1464% |
| 1878 | 10.238895 | 0.097667 | 2.1913% | 1877 | 10.019341 | 0.099807 | 2.2426% |
| 1876 | 9.799575 | 0.102045 | 2.2941% | 1875 | 9.579809 | 0.104386 | 2.3456% |
| 1874 | 9.360255 | 0.106835 | 2.4043% | 1873 | 9.140489 | 0.109403 | 2.4635% |
| 1872 | 8.920723 | 0.112099 | 2.5258% | 1871 | 8.700956 | 0.114930 | 5.9947% |
| 1870 | 8.208862 | 0.121820 | -1.0968% | 1869 | 8.299894 | 0.120483 | 2.1930% |
| 1868 | 8.121785 | 0.123126 | 2.2394% | 1867 | 7.943889 | 0.125883 | 2.2935% |
| 1866 | 7.765781 | 0.128770 | 2.3445% | 1865 | 7.587885 | 0.131789 | 2.4037% |
| 1864 | 7.409777 | 0.134957 | 2.4599% | 1863 | 7.231881 | 0.138277 | 2.5250% |
| 1862 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 7.053773 | 0.141768 | 2.5872% | 1861 | 6.875877 | 0.145436 | 2.9504% | 1860 |
| 6.678824 | 0.149727 | 2.4012% | 1859 | 6.522210 | 0.153322 | 2.7627% | 1858 |
| 6.346865 | 0.157558 | 2.8412% | 1857 | 6.171520 | 0.162035 | 2.9243% | 1856 |
| 5.996174 | 0.166773 | 3.0161% | 1855 | 5.820616 | 0.171803 | 3.1061% | 1854 |
| 5.645271 | 0.177139 | 3.2056% | 1853 | 5.469926 | 0.182818 | 3.3118% | 1852 |
| 5.294580 | 0.188872 | 3.4252% | 1851 | 5.119235 | 0.195342 | 4.0106% | 1850 |
| 4.921839 | 0.203176 | 2.3254% | 1849 | 4.809989 | 0.207901 | 2.7841% | 1848 |
| 4.679702 | 0.213689 | 2.8590% | 1847 | 4.549628 | 0.219798 | 2.9432% | 1846 |
| 4.419554 | 0.226267 | 3.0324% | 1845 | 4.289479 | 0.233129 | 3.1325% | 1844 |
| 4.159192 | 0.240431 | 3.2284% | 1843 | 4.029118 | 0.248193 | 3.3361% | 1842 |
| 3.899044 | 0.256473 | 3.4512% | 1841 | 3.768969 | 0.265325 | 3.8105% | 1840 |
| 3.630625 | 0.275435 | 2.3861% | 1839 | 3.546015 | 0.282007 | 2.5824% | 1838 |
| 3.456748 | 0.289289 | 2.6573% | 1837 | 3.367269 | 0.296977 | 2.7232% | 1836 |
| 3.278002 | 0.305064 | 2.7994% | 1835 | 3.188735 | 0.313604 | 2.8871% | 1834 |
| 3.099256 | 0.322658 | 2.9657% | 1833 | 3.009989 | 0.332227 | 3.0563% | 1832 |
| 2.920723 | 0.342381 | 3.1604% | 1831 | 2.831243 | 0.353202 | 3.4660% | 1830 |
| 2.736401 | 0.365444 | 2.4653% | 1829 | 2.670563 | 0.374453 | 2.6804% | 1828 |
| 2.600850 | 0.384490 | 10.3427% | 1827 | 2.357067 | 0.424256 | -4.2314% | 1826 |
| 2.461211 | 0.406304 | 2.9150% | 1825 | 2.391498 | 0.418148 | 3.0026% | 1824 |
| 2.321785 | 0.430703 | 3.0955% | 1823 | 2.252072 | 0.444035 | 3.1944% | 1822 |
| 2.182359 | 0.458220 | 3.3102% | 1821 | 2.112434 | 0.473388 | 3.2277% | 1820 |
| 2.046382 | 0.488667 | 2.6573% | 1819 | 1.993411 | 0.501653 | 2.6261% | 1818 |
| 1.942402 | 0.514827 | 2.6969% | 1817 | 1.891392 | 0.528711 | 2.7717% | 1816 |
| 1.840383 | 0.543365 | 2.8507% | 1815 | 1.789373 | 0.558855 | 2.9343% | 1814 |
| 1.738363 | 0.575254 | 3.0231% | 1813 | 1.687354 | 0.592644 | 3.1039% | 1812 |
| 1.636557 | 0.611039 | 3.2172% | 1811 | 1.585547 | 0.630697 | 3.0969% | 1810 |
| 1.537919 | 0.650229 | 2.9144% | 1809 | 1.494368 | 0.669179 | 2.8225% | 1808 |
| 1.453348 | 0.688067 | 2.9199% | 1807 | 1.412115 | 0.708158 | 2.9918% | 1806 |
| 1.371095 | 0.729344 | 3.0841% | 1805 | 1.330074 | 0.751838 | 3.1822% | 1804 |
| 1.289054 | 0.775763 | 3.2868% | 1803 | 1.248034 | 0.801260 | 3.3985% | 1802 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.207014 | 0.828491 | 3.5180% | 1801 | 1.165994 | 0.857638 | 3.3999% | 1800 |
| 1.127654 | 0.886797 | 2.8419% | 1799 | 1.096493 | 0.911998 | 2.7485% | 1798 |
| 1.067163 | 0.937064 | 2.8261% | 1797 | 1.037832 | 0.963547 | 3.7832% | 1796 |
| 1.000000 | 1.000000 | 2.1272% | 1795 | 0.979171 | 1.021272 | 3.0879% | 1794 |
| 0.949841 | 1.052808 | 3.1625% | 1793 | 0.920723 | 1.086103 | 3.2904% | 1792 |
| 0.891392 | 1.121841 | 3.4024% | 1791 | 0.862062 | 1.160010 | 3.2296% | 1790 |
| 0.835092 | 1.197473 | 41.3145% | 1780 | 0.590946 | 1.692203 | 29.4353% | 1770 |
| 0.456557 | 2.190308 | 83.4728% | 1750 | 0.248842 | 4.018620 | 29.2845% | 1740 |
| 0.192476 | 5.195451 | 94.2514% | 1720 | 0.099086 | 10.092235 | 85.8111% | 1700 |
| 0.053326 | 18.752491 | 19.2490% | 1690 | 0.044718 | 22.362167 | 88.0250% | 1670 |
| 0.023783 | 42.046470 | | | | | | |

BASE YEAR: 1795

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 65.428771 | 0.015284 | 8.2857% | 2001 | 60.422379 | 0.016550 | 1.0000% |
| 2000 | 59.824131 | 0.016716 | 1.0000% | 1999 | 59.231813 | 0.016883 | 1.0000% |
| 1998 | 58.645359 | 0.017052 | 1.0000% | 1997 | 58.064712 | 0.017222 | 1.0000% |
| 1996 | 57.489814 | 0.017394 | 1.0000% | 1995 | 56.920608 | 0.017568 | 0.9992% |
| 1994 | 56.357472 | 0.017744 | 1.0008% | 1993 | 55.799047 | 0.017921 | 1.0000% |
| 1992 | 55.246581 | 0.018101 | 0.9295% | 1991 | 54.737790 | 0.018269 | 1.2505% |
| 1990 | 54.061740 | 0.018497 | 0.7224% | 1989 | 53.673974 | 0.018631 | 1.1077% |
| 1988 | 53.085956 | 0.018837 | 0.8834% | 1987 | 52.621120 | 0.019004 | 0.5594% |
| 1986 | 52.328413 | 0.019110 | 1.3056% | 1985 | 51.654005 | 0.019360 | 0.7673% |
| 1984 | 51.260690 | 0.019508 | 0.8149% | 1983 | 50.846321 | 0.019667 | 0.9737% |
| 1982 | 50.355980 | 0.019859 | 0.9508% | 1981 | 49.881702 | 0.020047 | 0.9031% |
| 1980 | 49.435269 | 0.020228 | 2.2701% | 1979 | 48.337964 | 0.020688 | 1.0042% |
| 1978 | 47.857391 | 0.020895 | 0.9896% | 1977 | 47.388431 | 0.021102 | 0.9103% |
| 1976 | 46.960929 | 0.021294 | 0.8394% | 1975 | 46.570002 | 0.021473 | 0.9042% |
| 1974 | 46.152702 | 0.021667 | 1.1568% | 1973 | 45.624919 | 0.021918 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 45.198828 | 0.022124 | 0.7426% | 1971 | 44.865639 | 0.022289 | 1.4697% |
| 1970 | 44.215783 | 0.022616 | 0.6968% | 1969 | 43.909811 | 0.022774 | 0.8565% |
| 1968 | 43.536900 | 0.022969 | 1.5090% | 1967 | 42.889679 | 0.023316 | 0.9949% |
| 1966 | 42.467170 | 0.023548 | 1.0575% | 1965 | 42.022791 | 0.023797 | 1.1300% |
| 1964 | 41.553234 | 0.024066 | 1.5537% | 1963 | 40.917517 | 0.024439 | 1.4658% |
| 1962 | 40.326405 | 0.024798 | 1.5364% | 1961 | 39.716193 | 0.025179 | 2.1586% |
| 1960 | 38.876979 | 0.025722 | -1.6655% | 1959 | 39.535435 | 0.025294 | 4.3080% |
| 1958 | 37.902594 | 0.026383 | 2.1130% | 1957 | 37.118298 | 0.026941 | 1.9895% |
| 1956 | 36.394237 | 0.027477 | 2.1231% | 1955 | 35.637617 | 0.028060 | 1.4496% |
| 1954 | 35.128392 | 0.028467 | 2.1573% | 1953 | 34.386586 | 0.029081 | 1.2298% |
| 1952 | 33.968852 | 0.029439 | 1.6814% | 1951 | 33.407152 | 0.029934 | 1.6233% |
| 1950 | 32.873525 | 0.030420 | 1.4265% | 1949 | 32.411168 | 0.030854 | 1.7790% |
| 1948 | 31.844639 | 0.031402 | 1.8242% | 1947 | 31.274148 | 0.031975 | -2.6320% |
| 1946 | 32.119546 | 0.031134 | 3.1768% | 1945 | 31.130589 | 0.032123 | 6.4754% |
| 1944 | 29.237349 | 0.034203 | -0.3437% | 1943 | 29.338178 | 0.034085 | 0.6562% |
| 1942 | 29.146909 | 0.034309 | 0.6633% | 1941 | 28.954851 | 0.034537 | -5.6614% |
| 1940 | 30.692484 | 0.032581 | 8.0381% | 1939 | 28.408943 | 0.035200 | 0.8126% |
| 1938 | 28.179944 | 0.035486 | 0.7762% | 1937 | 27.962883 | 0.035762 | 0.6029% |
| 1936 | 27.795311 | 0.035977 | 0.5244% | 1935 | 27.650315 | 0.036166 | -3.0364% |
| 1934 | 28.516171 | 0.035068 | 4.6271% | 1933 | 27.255047 | 0.036690 | 1.3921% |
| 1932 | 26.880834 | 0.037201 | -0.2051% | 1931 | 26.936076 | 0.037125 | 0.8886% |
| 1930 | 26.698830 | 0.037455 | 1.0126% | 1929 | 26.431192 | 0.037834 | 1.1526% |
| 1928 | 26.130020 | 0.038270 | 1.2160% | 1927 | 25.816095 | 0.038736 | 1.4086% |
| 1926 | 25.457505 | 0.039281 | 1.7667% | 1925 | 25.015559 | 0.039975 | 1.4465% |
| 1924 | 24.658867 | 0.040553 | 1.7700% | 1923 | 24.230003 | 0.041271 | 1.6165% |
| 1922 | 23.844551 | 0.041938 | 1.3736% | 1921 | 23.521450 | 0.042514 | 2.3393% |
| 1920 | 22.983788 | 0.043509 | 1.3140% | 1919 | 22.685696 | 0.044081 | 0.7676% |
| 1918 | 22.512877 | 0.044419 | 0.3870% | 1917 | 22.426091 | 0.044591 | 1.3274% |
| 1916 | 22.132299 | 0.045183 | 1.4083% | 1915 | 21.824940 | 0.045819 | 1.4458% |
| 1914 | 21.513892 | 0.046482 | 1.9424% | 1913 | 21.103972 | 0.047384 | 1.9857% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 20.693076 | 0.048325 | 1.5634% | 1911 | 20.374539 | 0.049081 | 1.8169% |
| 1910 | 20.010956 | 0.049973 | 1.8781% | 1909 | 19.642066 | 0.050911 | 2.0082% |
| 1908 | 19.255372 | 0.051934 | 1.9603% | 1907 | 18.885175 | 0.052952 | 1.8264% |
| 1906 | 18.546451 | 0.053919 | 1.9357% | 1905 | 18.194270 | 0.054962 | 2.0148% |
| 1904 | 17.834925 | 0.056070 | 2.1335% | 1903 | 17.462361 | 0.057266 | 1.8151% |
| 1902 | 17.151044 | 0.058305 | 1.8943% | 1901 | 16.832184 | 0.059410 | 3.0255% |
| 1900 | 16.337881 | 0.061207 | 0.6278% | 1899 | 16.235945 | 0.061592 | 1.7757% |
| 1898 | 15.952681 | 0.062685 | 1.8078% | 1897 | 15.669416 | 0.063819 | 1.8396% |
| 1896 | 15.386369 | 0.064993 | 1.8755% | 1895 | 15.103104 | 0.066212 | 1.9114% |
| 1894 | 14.819839 | 0.067477 | 1.9486% | 1893 | 14.536575 | 0.068792 | 1.9858% |
| 1892 | 14.253527 | 0.070158 | 2.0276% | 1891 | 13.970263 | 0.071581 | 2.6465% |
| 1890 | 13.610070 | 0.073475 | 1.5328% | 1889 | 13.404602 | 0.074601 | 2.0811% |
| 1888 | 13.131322 | 0.076154 | 2.1599% | 1887 | 12.853701 | 0.077799 | 2.2075% |
| 1886 | 12.576080 | 0.079516 | 2.2592% | 1885 | 12.298242 | 0.081312 | 2.3095% |
| 1884 | 12.020621 | 0.083190 | 2.3641% | 1883 | 11.743000 | 0.085157 | 2.4214% |
| 1882 | 11.465379 | 0.087219 | 2.4815% | 1881 | 11.187758 | 0.089383 | 3.7644% |
| 1880 | 10.781885 | 0.092748 | 0.9432% | 1879 | 10.681137 | 0.093623 | 2.1464% |
| 1878 | 10.456696 | 0.095632 | 2.1913% | 1877 | 10.232472 | 0.097728 | 2.2426% |
| 1876 | 10.008031 | 0.099920 | 2.2941% | 1875 | 9.783590 | 0.102212 | 2.3456% |
| 1874 | 9.559366 | 0.104609 | 2.4043% | 1873 | 9.334925 | 0.107125 | 2.4635% |
| 1872 | 9.110484 | 0.109764 | 2.5258% | 1871 | 8.886043 | 0.112536 | 5.9947% |
| 1870 | 8.383481 | 0.119282 | -1.0968% | 1869 | 8.476449 | 0.117974 | 2.1930% |
| 1868 | 8.294552 | 0.120561 | 2.2394% | 1867 | 8.112872 | 0.123261 | 2.2935% |
| 1866 | 7.930975 | 0.126088 | 2.3445% | 1865 | 7.749295 | 0.129044 | 2.4037% |
| 1864 | 7.567397 | 0.132146 | 2.4599% | 1863 | 7.385717 | 0.135396 | 2.5250% |
| 1862 | 7.203820 | 0.138815 | 2.5872% | 1861 | 7.022140 | 0.142407 | 2.9504% |
| 1860 | 6.820896 | 0.146608 | 2.4012% | 1859 | 6.660951 | 0.150129 | 2.7627% |
| 1858 | 6.481875 | 0.154276 | 2.8412% | 1857 | 6.302800 | 0.158660 | 2.9243% |
| 1856 | 6.123725 | 0.163299 | 3.0161% | 1855 | 5.944432 | 0.168225 | 3.1061% |
| 1854 | 5.765357 | 0.173450 | 3.2056% | 1853 | 5.586282 | 0.179010 | 3.3118% |
| 1852 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 5.407206 | 0.184938 | 3.4252% | 1851 | 5.228131 | 0.191273 | 4.0106% | 1850 |
| 5.026537 | 0.198944 | 2.3254% | 1849 | 4.912307 | 0.203570 | 2.7841% | 1848 |
| 4.779249 | 0.209238 | 2.8590% | 1847 | 4.646408 | 0.215220 | 2.9432% | 1846 |
| 4.513566 | 0.221554 | 3.0324% | 1845 | 4.380725 | 0.228273 | 3.1325% | 1844 |
| 4.247667 | 0.235423 | 3.2284% | 1843 | 4.114825 | 0.243024 | 3.3361% | 1842 |
| 3.981984 | 0.251131 | 3.4512% | 1841 | 3.849143 | 0.259798 | 3.8105% | 1840 |
| 3.707855 | 0.269698 | 2.3861% | 1839 | 3.621446 | 0.276133 | 2.5824% | 1838 |
| 3.530280 | 0.283264 | 2.6573% | 1837 | 3.438897 | 0.290791 | 2.7232% | 1836 |
| 3.347732 | 0.298710 | 2.7994% | 1835 | 3.256566 | 0.307072 | 2.8871% | 1834 |
| 3.165183 | 0.315937 | 2.9657% | 1833 | 3.074018 | 0.325307 | 3.0563% | 1832 |
| 2.982852 | 0.335250 | 3.1604% | 1831 | 2.891470 | 0.345845 | 3.4660% | 1830 |
| 2.794609 | 0.357832 | 2.4653% | 1829 | 2.727371 | 0.366653 | 2.6804% | 1828 |
| 2.656175 | 0.376481 | 10.3427% | 1827 | 2.407206 | 0.415419 | -4.2314% | 1826 |
| 2.513566 | 0.397841 | 2.9150% | 1825 | 2.442370 | 0.409438 | 3.0026% | 1824 |
| 2.371174 | 0.421732 | 3.0955% | 1823 | 2.299978 | 0.434787 | 3.1944% | 1822 |
| 2.228782 | 0.448675 | 3.3102% | 1821 | 2.157369 | 0.463528 | 3.2277% | 1820 |
| 2.089912 | 0.478489 | 2.6573% | 1819 | 2.035815 | 0.491204 | 2.6261% | 1818 |
| 1.983720 | 0.504103 | 2.6969% | 1817 | 1.931626 | 0.517699 | 2.7717% | 1816 |
| 1.879531 | 0.532048 | 2.8507% | 1815 | 1.827437 | 0.547215 | 2.9343% | 1814 |
| 1.775342 | 0.563272 | 3.0231% | 1813 | 1.723247 | 0.580300 | 3.1039% | 1812 |
| 1.671370 | 0.598312 | 3.2172% | 1811 | 1.619275 | 0.617560 | 3.0969% | 1810 |
| 1.570634 | 0.636686 | 2.9144% | 1809 | 1.526156 | 0.655241 | 2.8225% | 1808 |
| 1.484263 | 0.673735 | 2.9199% | 1807 | 1.442153 | 0.693408 | 2.9918% | 1806 |
| 1.400260 | 0.714153 | 3.0841% | 1805 | 1.358368 | 0.736178 | 3.1822% | 1804 |
| 1.316475 | 0.759604 | 3.2868% | 1803 | 1.274582 | 0.784571 | 3.3985% | 1802 |
| 1.232689 | 0.811234 | 3.5180% | 1801 | 1.190797 | 0.839774 | 3.3999% | 1800 |
| 1.151641 | 0.868326 | 2.8419% | 1799 | 1.119818 | 0.893003 | 2.7485% | 1798 |
| 1.089863 | 0.917546 | 2.8261% | 1797 | 1.059909 | 0.943477 | 3.7832% | 1796 |
| 1.021272 | 0.979171 | 2.1272% | 1795 | 1.000000 | 1.000000 | 3.0879% | 1794 |
| 0.970046 | 1.030879 | 3.1625% | 1793 | 0.940308 | 1.063481 | 3.2904% | 1792 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 0.910354 | 1.098474 | 3.4024% | 1791 | 0.880399 | 1.135848 | 3.2296% | 1790 |
| 0.852856 | 1.172531 | 41.3145% | 1780 | 0.603516 | 1.656956 | 29.4353% | 1770 |
| 0.466269 | 2.144686 | 83.4728% | 1750 | 0.254135 | 3.934916 | 29.2845% | 1740 |
| 0.196570 | 5.087235 | 94.2514% | 1720 | 0.101194 | 9.882025 | 85.8111% | 1700 |
| 0.054461 | 18.361897 | 19.2490% | 1690 | 0.045670 | 21.896388 | 88.0250% | 1670 |
| 0.024289 | 41.170688 | | | | | | |

BASE YEAR: 1794

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 2009 | 67.449172 | 0.014826 | 8.2857% | 2001 | 62.288185 | 0.016054 | 1.0000% |
| 2000 | 61.671464 | 0.016215 | 1.0000% | 1999 | 61.060855 | 0.016377 | 1.0000% |
| 1998 | 60.456292 | 0.016541 | 1.0000% | 1997 | 59.857715 | 0.016706 | 1.0000% |
| 1996 | 59.265064 | 0.016873 | 1.0000% | 1995 | 58.678281 | 0.017042 | 0.9992% |
| 1994 | 58.097756 | 0.017212 | 1.0008% | 1993 | 57.522088 | 0.017385 | 1.0000% |
| 1992 | 56.952562 | 0.017558 | 0.9295% | 1991 | 56.428060 | 0.017722 | 1.2505% |
| 1990 | 55.731134 | 0.017943 | 0.7224% | 1989 | 55.331394 | 0.018073 | 1.1077% |
| 1988 | 54.725218 | 0.018273 | 0.8834% | 1987 | 54.246028 | 0.018435 | 0.5594% |
| 1986 | 53.944283 | 0.018538 | 1.3056% | 1985 | 53.249049 | 0.018780 | 0.7673% |
| 1984 | 52.843589 | 0.018924 | 0.8149% | 1983 | 52.416424 | 0.019078 | 0.9737% |
| 1982 | 51.910942 | 0.019264 | 0.9508% | 1981 | 51.422018 | 0.019447 | 0.9031% |
| 1980 | 50.961800 | 0.019623 | 2.2701% | 1979 | 49.830611 | 0.020068 | 1.0042% |
| 1978 | 49.335198 | 0.020270 | 0.9896% | 1977 | 48.851757 | 0.020470 | 0.9103% |
| 1976 | 48.411054 | 0.020656 | 0.8394% | 1975 | 48.008055 | 0.020830 | 0.9042% |
| 1974 | 47.577870 | 0.021018 | 1.1568% | 1973 | 47.033788 | 0.021261 | 0.9427% |
| 1972 | 46.594540 | 0.021462 | 0.7426% | 1971 | 46.251063 | 0.021621 | 1.4697% |
| 1970 | 45.581140 | 0.021939 | 0.6968% | 1969 | 45.265719 | 0.022092 | 0.8565% |
| 1968 | 44.881293 | 0.022281 | 1.5090% | 1967 | 44.214086 | 0.022617 | 0.9949% |
| 1966 | 43.778530 | 0.022842 | 1.0575% | 1965 | 43.320430 | 0.023084 | 1.1300% |
| 1964 | 42.836373 | 0.023345 | 1.5537% | 1963 | 42.181025 | 0.023707 | 1.4658% |
| 1962 | 41.571660 | 0.024055 | 1.5364% | 1961 | 40.942605 | 0.024424 | 2.1586% |
| 1960 | 40.077476 | 0.024952 | -1.6655% | 1959 | 40.756265 | 0.024536 | 4.3080% |
| 1958 | 39.073003 | 0.025593 | 2.1130% | 1957 | 38.264489 | 0.026134 | 1.9895% |
| 1956 | 37.518069 | 0.026654 | 2.1231% | 1955 | 36.738085 | 0.027220 | 1.4496% |
| 1954 | 36.213135 | 0.027614 | 2.1573% | 1953 | 35.448422 | 0.028210 | 1.2298% |
| 1952 | 35.017789 | 0.028557 | 1.6814% | 1951 | 34.438745 | 0.029037 | 1.6233% |
| 1950 | 33.888640 | 0.029508 | 1.4265% | 1949 | 33.412005 | 0.029929 | 1.7790% |
| 1948 | 32.827982 | 0.030462 | 1.8242% | 1947 | 32.239875 | 0.031017 | -2.6320% |
| 1946 | 33.111378 | 0.030201 | 3.1768% | 1945 | 32.091883 | 0.031161 | 6.4754% |
| 1944 | 30.140181 | 0.033178 | -0.3437% | 1943 | 30.244123 | 0.033064 | 0.6562% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1942 | 30.046948 | 0.033281 | 0.6633% | 1941 | 29.848959 | 0.033502 | -5.6614% |
| 1940 | 31.640249 | 0.031605 | 8.0381% | 1939 | 29.286194 | 0.034146 | 0.8126% |
| 1938 | 29.050123 | 0.034423 | 0.7762% | 1937 | 28.826359 | 0.034690 | 0.6029% |
| 1936 | 28.653614 | 0.034900 | 0.5244% | 1935 | 28.504140 | 0.035083 | -3.0364% |
| 1934 | 29.396733 | 0.034017 | 4.6271% | 1933 | 28.096666 | 0.035591 | 1.3921% |
| 1932 | 27.710897 | 0.036087 | -0.2051% | 1931 | 27.767845 | 0.036013 | 0.8886% |
| 1930 | 27.523274 | 0.036333 | 1.0126% | 1929 | 27.247371 | 0.036701 | 1.1526% |
| 1928 | 26.936899 | 0.037124 | 1.2160% | 1927 | 26.613280 | 0.037575 | 1.4086% |
| 1926 | 26.243618 | 0.038105 | 1.7667% | 1925 | 25.788024 | 0.038778 | 1.4465% |
| 1924 | 25.420318 | 0.039339 | 1.7700% | 1923 | 24.978211 | 0.040035 | 1.6165% |
| 1922 | 24.580857 | 0.040682 | 1.3736% | 1921 | 24.247778 | 0.041241 | 2.3393% |
| 1920 | 23.693513 | 0.042206 | 1.3140% | 1919 | 23.386216 | 0.042760 | 0.7676% |
| 1918 | 23.208061 | 0.043088 | 0.3870% | 1917 | 23.118595 | 0.043255 | 1.3274% |
| 1916 | 22.815731 | 0.043829 | 1.4083% | 1915 | 22.498881 | 0.044447 | 1.4458% |
| 1914 | 22.178228 | 0.045089 | 1.9424% | 1913 | 21.755650 | 0.045965 | 1.9857% |
| 1912 | 21.332065 | 0.046878 | 1.5634% | 1911 | 21.003692 | 0.047611 | 1.8169% |
| 1910 | 20.628883 | 0.048476 | 1.8781% | 1909 | 20.248601 | 0.049386 | 2.0082% |
| 1908 | 19.849966 | 0.050378 | 1.9603% | 1907 | 19.468337 | 0.051365 | 1.8264% |
| 1906 | 19.119154 | 0.052304 | 1.9357% | 1905 | 18.756098 | 0.053316 | 2.0148% |
| 1904 | 18.385657 | 0.054390 | 2.1335% | 1903 | 18.001588 | 0.055551 | 1.8151% |
| 1902 | 17.680658 | 0.056559 | 1.8943% | 1901 | 17.351951 | 0.057630 | 3.0255% |
| 1900 | 16.842385 | 0.059374 | 0.6278% | 1899 | 16.737301 | 0.059747 | 1.7757% |
| 1898 | 16.445290 | 0.060808 | 1.8078% | 1897 | 16.153278 | 0.061907 | 1.8396% |
| 1896 | 15.861490 | 0.063046 | 1.8755% | 1895 | 15.569479 | 0.064228 | 1.9114% |
| 1894 | 15.277467 | 0.065456 | 1.9486% | 1893 | 14.985455 | 0.066731 | 1.9858% |
| 1892 | 14.693667 | 0.068057 | 2.0276% | 1891 | 14.401656 | 0.069436 | 2.6465% |
| 1890 | 14.030341 | 0.071274 | 1.5328% | 1889 | 13.818528 | 0.072367 | 2.0811% |
| 1888 | 13.536809 | 0.073873 | 2.1599% | 1887 | 13.250615 | 0.075468 | 2.2075% |
| 1886 | 12.964422 | 0.077134 | 2.2592% | 1885 | 12.678004 | 0.078877 | 2.3095% |
| 1884 | 12.391810 | 0.080698 | 2.3641% | 1883 | 12.105616 | 0.082606 | 2.4214% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1882 | 11.819423 | 0.084607 | 2.4815% | 1881 | 11.533229 | 0.086706 | 3.7644% |
| 1880 | 11.114823 | 0.089970 | 0.9432% | 1879 | 11.010964 | 0.090819 | 2.1464% |
| 1878 | 10.779593 | 0.092768 | 2.1913% | 1877 | 10.548445 | 0.094801 | 2.2426% |
| 1876 | 10.317073 | 0.096927 | 2.2941% | 1875 | 10.085701 | 0.099150 | 2.3456% |
| 1874 | 9.854554 | 0.101476 | 2.4043% | 1873 | 9.623182 | 0.103916 | 2.4635% |
| 1872 | 9.391810 | 0.106476 | 2.5258% | 1871 | 9.160439 | 0.109165 | 5.9947% |
| 1870 | 8.642357 | 0.115709 | -1.0968% | 1869 | 8.738196 | 0.114440 | 2.1930% |
| 1868 | 8.550682 | 0.116950 | 2.2394% | 1867 | 8.363392 | 0.119569 | 2.2935% |
| 1866 | 8.175878 | 0.122311 | 2.3445% | 1865 | 7.988588 | 0.125179 | 2.4037% |
| 1864 | 7.801074 | 0.128187 | 2.4599% | 1863 | 7.613784 | 0.131341 | 2.5250% |
| 1862 | 7.426270 | 0.134657 | 2.5872% | 1861 | 7.238980 | 0.138141 | 2.9504% |
| 1860 | 7.031521 | 0.142217 | 2.4012% | 1859 | 6.866637 | 0.145632 | 2.7627% |
| 1858 | 6.682032 | 0.149655 | 2.8412% | 1857 | 6.497427 | 0.153907 | 2.9243% |
| 1856 | 6.312822 | 0.158408 | 3.0161% | 1855 | 6.127993 | 0.163186 | 3.1061% |
| 1854 | 5.943388 | 0.168254 | 3.2056% | 1853 | 5.758783 | 0.173648 | 3.3118% |
| 1852 | 5.574178 | 0.179399 | 3.4252% | 1851 | 5.389573 | 0.185543 | 4.0106% |
| 1850 | 5.181753 | 0.192985 | 2.3254% | 1849 | 5.063996 | 0.197472 | 2.7841% |
| 1848 | 4.926829 | 0.202970 | 2.8590% | 1847 | 4.789886 | 0.208773 | 2.9432% |
| 1846 | 4.652942 | 0.214918 | 3.0324% | 1845 | 4.515999 | 0.221435 | 3.1325% |
| 1844 | 4.378832 | 0.228371 | 3.2284% | 1843 | 4.241889 | 0.235744 | 3.3361% |
| 1842 | 4.104945 | 0.243609 | 3.4512% | 1841 | 3.968002 | 0.252016 | 3.8105% |
| 1840 | 3.822352 | 0.261619 | 2.3861% | 1839 | 3.733274 | 0.267861 | 2.5824% |
| 1838 | 3.639293 | 0.274779 | 2.6573% | 1837 | 3.545088 | 0.282080 | 2.7232% |
| 1836 | 3.451108 | 0.289762 | 2.7994% | 1835 | 3.357127 | 0.297874 | 2.8871% |
| 1834 | 3.262922 | 0.306474 | 2.9657% | 1833 | 3.168942 | 0.315563 | 3.0563% |
| 1832 | 3.074961 | 0.325207 | 3.1604% | 1831 | 2.980756 | 0.335485 | 3.4660% |
| 1830 | 2.880905 | 0.347113 | 2.4653% | 1829 | 2.811591 | 0.355671 | 2.6804% |
| 1828 | 2.738196 | 0.365204 | 10.3427% | 1827 | 2.481539 | 0.402976 | -4.2314% |
| 1826 | 2.591184 | 0.385924 | 2.9150% | 1825 | 2.517789 | 0.397174 | 3.0026% |
| 1824 | 2.444395 | 0.409099 | 3.0955% | 1823 | 2.371000 | 0.421763 | 3.1944% |
| 1822 | | | | | | | |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 2.297606 | 0.435236 | 3.3102% | 1821 | 2.223987 | 0.449643 | 3.2277% | 1820 |
| 2.154448 | 0.464156 | 2.6573% | 1819 | 2.098680 | 0.476490 | 2.6261% | 1818 |
| 2.044977 | 0.489003 | 2.6969% | 1817 | 1.991273 | 0.502191 | 2.7717% | 1816 |
| 1.937570 | 0.516110 | 2.8507% | 1815 | 1.883867 | 0.530823 | 2.9343% | 1814 |
| 1.830163 | 0.546399 | 3.0231% | 1813 | 1.776460 | 0.562917 | 3.1039% | 1812 |
| 1.722981 | 0.580390 | 3.2172% | 1811 | 1.669277 | 0.599062 | 3.0969% | 1810 |
| 1.619134 | 0.617614 | 2.9144% | 1809 | 1.573283 | 0.635614 | 2.8225% | 1808 |
| 1.530096 | 0.653554 | 2.9199% | 1807 | 1.486686 | 0.672637 | 2.9918% | 1806 |
| 1.443500 | 0.692761 | 3.0841% | 1805 | 1.400313 | 0.714126 | 3.1822% | 1804 |
| 1.357127 | 0.736851 | 3.2868% | 1803 | 1.313940 | 0.761069 | 3.3985% | 1802 |
| 1.270754 | 0.786934 | 3.5180% | 1801 | 1.227568 | 0.814619 | 3.3999% | 1800 |
| 1.187203 | 0.842316 | 2.8419% | 1799 | 1.154397 | 0.866253 | 2.7485% | 1798 |
| 1.123518 | 0.890062 | 2.8261% | 1797 | 1.092638 | 0.915216 | 3.7832% | 1796 |
| 1.052808 | 0.949841 | 2.1272% | 1795 | 1.030879 | 0.970046 | 3.0879% | 1794 |
| 1.000000 | 1.000000 | 3.1625% | 1793 | 0.969344 | 1.031625 | 3.2904% | 1792 |
| 0.938465 | 1.065570 | 3.4024% | 1791 | 0.907586 | 1.101824 | 3.2296% | 1790 |
| 0.879192 | 1.137409 | 41.3145% | 1780 | 0.622153 | 1.607323 | 29.4353% | 1770 |
| 0.480667 | 2.080443 | 83.4728% | 1750 | 0.261983 | 3.817048 | 29.2845% | 1740 |
| 0.202640 | 4.934850 | 94.2514% | 1720 | 0.104319 | 9.586015 | 85.8111% | 1700 |
| 0.056142 | 17.811877 | 19.2490% | 1690 | 0.047080 | 21.240494 | 88.0250% | 1670 |
| 0.025039 | 39.937444 | | | | | | |

BASE YEAR: 1793

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 69.582260 | 0.014371 | 8.2857% | 2001 | 64.258056 | 0.015562 | 1.0000% |
| 2000 | 63.621831 | 0.015718 | 1.0000% | 1999 | 62.991912 | 0.015875 | 1.0000% |
| 1998 | 62.368229 | 0.016034 | 1.0000% | 1997 | 61.750722 | 0.016194 | 1.0000% |
| 1996 | 61.139329 | 0.016356 | 1.0000% | 1995 | 60.533989 | 0.016520 | 0.9992% |
| 1994 | 59.935104 | 0.016685 | 1.0008% | 1993 | 59.341230 | 0.016852 | 1.0000% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1992 | 58.753693 | 0.017020 | 0.9295% | 1991 | 58.212604 | 0.017178 | 1.2505% |
| 1990 | 57.493637 | 0.017393 | 0.7224% | 1989 | 57.081256 | 0.017519 | 1.1077% |
| 1988 | 56.455910 | 0.017713 | 0.8834% | 1987 | 55.961565 | 0.017869 | 0.5594% |
| 1986 | 55.650277 | 0.017969 | 1.3056% | 1985 | 54.933056 | 0.018204 | 0.7673% |
| 1984 | 54.514774 | 0.018344 | 0.8149% | 1983 | 54.074100 | 0.018493 | 0.9737% |
| 1982 | 53.552632 | 0.018673 | 0.9508% | 1981 | 53.048246 | 0.018851 | 0.9031% |
| 1980 | 52.573473 | 0.019021 | 2.2701% | 1979 | 51.406510 | 0.019453 | 1.0042% |
| 1978 | 50.895429 | 0.019648 | 0.9896% | 1977 | 50.396699 | 0.019843 | 0.9103% |
| 1976 | 49.942059 | 0.020023 | 0.8394% | 1975 | 49.526316 | 0.020191 | 0.9042% |
| 1974 | 49.082525 | 0.020374 | 1.1568% | 1973 | 48.521237 | 0.020610 | 0.9427% |
| 1972 | 48.068098 | 0.020804 | 0.7426% | 1971 | 47.713758 | 0.020958 | 1.4697% |
| 1970 | 47.022649 | 0.021266 | 0.6968% | 1969 | 46.697253 | 0.021415 | 0.8565% |
| 1968 | 46.300669 | 0.021598 | 1.5090% | 1967 | 45.612361 | 0.021924 | 0.9949% |
| 1966 | 45.163031 | 0.022142 | 1.0575% | 1965 | 44.690443 | 0.022376 | 1.1300% |
| 1964 | 44.191078 | 0.022629 | 1.5537% | 1963 | 43.515005 | 0.022981 | 1.4658% |
| 1962 | 42.886369 | 0.023317 | 1.5364% | 1961 | 42.237419 | 0.023676 | 2.1586% |
| 1960 | 41.344931 | 0.024187 | -1.6655% | 1959 | 42.045187 | 0.023784 | 4.3080% |
| 1958 | 40.308691 | 0.024809 | 2.1130% | 1957 | 39.474608 | 0.025333 | 1.9895% |
| 1956 | 38.704582 | 0.025837 | 2.1231% | 1955 | 37.899931 | 0.026385 | 1.4496% |
| 1954 | 37.358380 | 0.026768 | 2.1573% | 1953 | 36.569483 | 0.027345 | 1.2298% |
| 1952 | 36.125231 | 0.027681 | 1.6814% | 1951 | 35.527874 | 0.028147 | 1.6233% |
| 1950 | 34.960372 | 0.028604 | 1.4265% | 1949 | 34.468663 | 0.029012 | 1.7790% |
| 1948 | 33.866170 | 0.029528 | 1.8242% | 1947 | 33.259464 | 0.030067 | -2.6320% |
| 1946 | 34.158530 | 0.029275 | 3.1768% | 1945 | 33.106792 | 0.030205 | 6.4754% |
| 1944 | 31.093367 | 0.032161 | -0.3437% | 1943 | 31.200596 | 0.032051 | 0.6562% |
| 1942 | 30.997186 | 0.032261 | 0.6633% | 1941 | 30.792936 | 0.032475 | -5.6614% |
| 1940 | 32.640876 | 0.030636 | 8.0381% | 1939 | 30.212373 | 0.033099 | 0.8126% |
| 1938 | 29.968837 | 0.033368 | 0.7762% | 1937 | 29.737996 | 0.033627 | 0.6029% |
| 1936 | 29.559788 | 0.033830 | 0.5244% | 1935 | 29.405586 | 0.034007 | -3.0364% |
| 1934 | 30.326408 | 0.032975 | 4.6271% | 1933 | 28.985226 | 0.034500 | 1.3921% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1932 | 28.587258 | 0.034981 | -0.2051% | 1931 | 28.646006 | 0.034909 | 0.8886% |
| 1930 | 28.393701 | 0.035219 | 1.0126% | 1929 | 28.109072 | 0.035576 | 1.1526% |
| 1928 | 27.788781 | 0.035986 | 1.2160% | 1927 | 27.454928 | 0.036423 | 1.4086% |
| 1926 | 27.073575 | 0.036936 | 1.7667% | 1925 | 26.603573 | 0.037589 | 1.4465% |
| 1924 | 26.224239 | 0.038133 | 1.7700% | 1923 | 25.768150 | 0.038808 | 1.6165% |
| 1922 | 25.358229 | 0.039435 | 1.3736% | 1921 | 25.014617 | 0.039977 | 2.3393% |
| 1920 | 24.442823 | 0.040912 | 1.3140% | 1919 | 24.125808 | 0.041449 | 0.7676% |
| 1918 | 23.942019 | 0.041768 | 0.3870% | 1917 | 23.849723 | 0.041929 | 1.3274% |
| 1916 | 23.537281 | 0.042486 | 1.4083% | 1915 | 23.210411 | 0.043084 | 1.4458% |
| 1914 | 22.879617 | 0.043707 | 1.9424% | 1913 | 22.443675 | 0.044556 | 1.9857% |
| 1912 | 22.006694 | 0.045441 | 1.5634% | 1911 | 21.667936 | 0.046151 | 1.8169% |
| 1910 | 21.281273 | 0.046990 | 1.8781% | 1909 | 20.888966 | 0.047872 | 2.0082% |
| 1908 | 20.477724 | 0.048834 | 1.9603% | 1907 | 20.084026 | 0.049791 | 1.8264% |
| 1906 | 19.723800 | 0.050700 | 1.9357% | 1905 | 19.349261 | 0.051682 | 2.0148% |
| 1904 | 18.967105 | 0.052723 | 2.1335% | 1903 | 18.570890 | 0.053848 | 1.8151% |
| 1902 | 18.239810 | 0.054825 | 1.8943% | 1901 | 17.900709 | 0.055864 | 3.0255% |
| 1900 | 17.375027 | 0.057554 | 0.6278% | 1899 | 17.266620 | 0.057915 | 1.7757% |
| 1898 | 16.965374 | 0.058944 | 1.8078% | 1897 | 16.664127 | 0.060009 | 1.8396% |
| 1896 | 16.363112 | 0.061113 | 1.8755% | 1895 | 16.061865 | 0.062259 | 1.9114% |
| 1894 | 15.760619 | 0.063449 | 1.9486% | 1893 | 15.459372 | 0.064686 | 1.9858% |
| 1892 | 15.158356 | 0.065970 | 2.0276% | 1891 | 14.857110 | 0.067308 | 2.6465% |
| 1890 | 14.474052 | 0.069089 | 1.5328% | 1889 | 14.255540 | 0.070148 | 2.0811% |
| 1888 | 13.964912 | 0.071608 | 2.1599% | 1887 | 13.669668 | 0.073155 | 2.2075% |
| 1886 | 13.374423 | 0.074770 | 2.2592% | 1885 | 13.078947 | 0.076459 | 2.3095% |
| 1884 | 12.783703 | 0.078225 | 2.3641% | 1883 | 12.488458 | 0.080074 | 2.4214% |
| 1882 | 12.193213 | 0.082013 | 2.4815% | 1881 | 11.897969 | 0.084048 | 3.7644% |
| 1880 | 11.466331 | 0.087212 | 0.9432% | 1879 | 11.359187 | 0.088034 | 2.1464% |
| 1878 | 11.120499 | 0.089924 | 2.1913% | 1877 | 10.882041 | 0.091895 | 2.2426% |
| 1876 | 10.643352 | 0.093955 | 2.2941% | 1875 | 10.404663 | 0.096111 | 2.3456% |
| 1874 | 10.166205 | 0.098365 | 2.4043% | 1873 | 9.927516 | 0.100730 | 2.4635% |

| | | | | | | | | |
|----------|----------|----------|---------|------|----------|----------|----------|------|
| 1872 | 9.688827 | 0.103212 | 2.5258% | 1871 | 9.450139 | 0.105819 | 5.9947% | 1870 |
| 8.915673 | 0.112162 | -1.0968% | | 1869 | 9.014543 | 0.110932 | 2.1930% | 1868 |
| 8.821099 | 0.113365 | 2.2394% | | 1867 | 8.627886 | 0.115903 | 2.2935% | 1866 |
| 8.434441 | 0.118561 | 2.3445% | | 1865 | 8.241228 | 0.121341 | 2.4037% | 1864 |
| 8.047784 | 0.124258 | 2.4599% | | 1863 | 7.854571 | 0.127314 | 2.5250% | 1862 |
| 7.661127 | 0.130529 | 2.5872% | | 1861 | 7.467913 | 0.133906 | 2.9504% | 1860 |
| 7.253894 | 0.137857 | 2.4012% | | 1859 | 7.083795 | 0.141167 | 2.7627% | 1858 |
| 6.893352 | 0.145067 | 2.8412% | | 1857 | 6.702909 | 0.149189 | 2.9243% | 1856 |
| 6.512465 | 0.153552 | 3.0161% | | 1855 | 6.321791 | 0.158183 | 3.1061% | 1854 |
| 6.131348 | 0.163096 | 3.2056% | | 1853 | 5.940905 | 0.168325 | 3.3118% | 1852 |
| 5.750462 | 0.173899 | 3.4252% | | 1851 | 5.560018 | 0.179856 | 4.0106% | 1850 |
| 5.345627 | 0.187069 | 2.3254% | | 1849 | 5.224146 | 0.191419 | 2.7841% | 1848 |
| 5.082641 | 0.196748 | 2.8590% | | 1847 | 4.941367 | 0.202373 | 2.9432% | 1846 |
| 4.800092 | 0.208329 | 3.0324% | | 1845 | 4.658818 | 0.214647 | 3.1325% | 1844 |
| 4.517313 | 0.221371 | 3.2284% | | 1843 | 4.376039 | 0.228517 | 3.3361% | 1842 |
| 4.234765 | 0.236141 | 3.4512% | | 1841 | 4.093490 | 0.244290 | 3.8105% | 1840 |
| 3.943234 | 0.253599 | 2.3861% | | 1839 | 3.851339 | 0.259650 | 2.5824% | 1838 |
| 3.754386 | 0.266355 | 2.6573% | | 1837 | 3.657202 | 0.273433 | 2.7232% | 1836 |
| 3.560249 | 0.280879 | 2.7994% | | 1835 | 3.463296 | 0.288742 | 2.8871% | 1834 |
| 3.366113 | 0.297079 | 2.9657% | | 1833 | 3.269160 | 0.305889 | 3.0563% | 1832 |
| 3.172207 | 0.315238 | 3.1604% | | 1831 | 3.075023 | 0.325201 | 3.4660% | 1830 |
| 2.972014 | 0.336472 | 2.4653% | | 1829 | 2.900508 | 0.344767 | 2.6804% | 1828 |
| 2.824792 | 0.354008 | 10.3427% | | 1827 | 2.560018 | 0.390622 | -4.2314% | 1826 |
| 2.673130 | 0.374093 | 2.9150% | | 1825 | 2.597415 | 0.384998 | 3.0026% | 1824 |
| 2.521699 | 0.396558 | 3.0955% | | 1823 | 2.445983 | 0.408834 | 3.1944% | 1822 |
| 2.370268 | 0.421893 | 3.3102% | | 1821 | 2.294321 | 0.435859 | 3.2277% | 1820 |
| 2.222582 | 0.449927 | 2.6573% | | 1819 | 2.165051 | 0.461883 | 2.6261% | 1818 |
| 2.109649 | 0.474012 | 2.6969% | | 1817 | 2.054247 | 0.486796 | 2.7717% | 1816 |
| 1.998846 | 0.500289 | 2.8507% | | 1815 | 1.943444 | 0.514550 | 2.9343% | 1814 |
| 1.888042 | 0.529649 | 3.0231% | | 1813 | 1.832641 | 0.545661 | 3.1039% | 1812 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.777470 | 0.562597 | 3.2172% | 1811 | 1.722068 | 0.580697 | 3.0969% | 1810 |
| 1.670339 | 0.598681 | 2.9144% | 1809 | 1.623038 | 0.616129 | 2.8225% | 1808 |
| 1.578486 | 0.633519 | 2.9199% | 1807 | 1.533703 | 0.652017 | 2.9918% | 1806 |
| 1.489151 | 0.671524 | 3.0841% | 1805 | 1.444598 | 0.692234 | 3.1822% | 1804 |
| 1.400046 | 0.714262 | 3.2868% | 1803 | 1.355494 | 0.737738 | 3.3985% | 1802 |
| 1.310942 | 0.762810 | 3.5180% | 1801 | 1.266390 | 0.789646 | 3.3999% | 1800 |
| 1.224749 | 0.816494 | 2.8419% | 1799 | 1.190905 | 0.839698 | 2.7485% | 1798 |
| 1.159049 | 0.862776 | 2.8261% | 1797 | 1.127193 | 0.887160 | 3.7832% | 1796 |
| 1.086103 | 0.920723 | 2.1272% | 1795 | 1.063481 | 0.940308 | 3.0879% | 1794 |
| 1.031625 | 0.969344 | 3.1625% | 1793 | 1.000000 | 1.000000 | 3.2904% | 1792 |
| 0.968144 | 1.032904 | 3.4024% | 1791 | 0.936288 | 1.068047 | 3.2296% | 1790 |
| 0.906996 | 1.102541 | 41.3145% | 1780 | 0.641828 | 1.558049 | 29.4353% | 1770 |
| 0.495868 | 2.016666 | 83.4728% | 1750 | 0.270268 | 3.700034 | 29.2845% | 1740 |
| 0.209049 | 4.783569 | 94.2514% | 1720 | 0.107618 | 9.292149 | 85.8111% | 1700 |
| 0.057918 | 17.265843 | 19.2490% | 1690 | 0.048569 | 20.589354 | 88.0250% | 1670 |
| 0.025831 | 38.713137 | | | | | | |

BASE YEAR: 1792

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 71.871805 | 0.013914 | 8.2857% | 2001 | 66.372413 | 0.015067 | 1.0000% |
| 2000 | 65.715253 | 0.015217 | 1.0000% | 1999 | 65.064607 | 0.015369 | 1.0000% |
| 1998 | 64.420403 | 0.015523 | 1.0000% | 1997 | 63.782577 | 0.015678 | 1.0000% |
| 1996 | 63.151067 | 0.015835 | 1.0000% | 1995 | 62.525808 | 0.015993 | 0.9992% |
| 1994 | 61.907218 | 0.016153 | 1.0008% | 1993 | 61.293803 | 0.016315 | 1.0000% |
| 1992 | 60.686934 | 0.016478 | 0.9295% | 1991 | 60.128040 | 0.016631 | 1.2505% |
| 1990 | 59.385416 | 0.016839 | 0.7224% | 1989 | 58.959466 | 0.016961 | 1.1077% |
| 1988 | 58.313543 | 0.017149 | 0.8834% | 1987 | 57.802933 | 0.017300 | 0.5594% |
| 1986 | 57.481402 | 0.017397 | 1.3056% | 1985 | 56.740582 | 0.017624 | 0.7673% |
| 1984 | 56.308536 | 0.017759 | 0.8149% | 1983 | 55.853362 | 0.017904 | 0.9737% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1982 | 55.314735 | 0.018078 | 0.9508% | 1981 | 54.793753 | 0.018250 | 0.9031% |
| 1980 | 54.303358 | 0.018415 | 2.2701% | 1979 | 53.097997 | 0.018833 | 1.0042% |
| 1978 | 52.570100 | 0.019022 | 0.9896% | 1977 | 52.054959 | 0.019210 | 0.9103% |
| 1976 | 51.585360 | 0.019385 | 0.8394% | 1975 | 51.155937 | 0.019548 | 0.9042% |
| 1974 | 50.697544 | 0.019725 | 1.1568% | 1973 | 50.117787 | 0.019953 | 0.9427% |
| 1972 | 49.649738 | 0.020141 | 0.7426% | 1971 | 49.283739 | 0.020291 | 1.4697% |
| 1970 | 48.569889 | 0.020589 | 0.6968% | 1969 | 48.233786 | 0.020732 | 0.8565% |
| 1968 | 47.824154 | 0.020910 | 1.5090% | 1967 | 47.113197 | 0.021225 | 0.9949% |
| 1966 | 46.649082 | 0.021437 | 1.0575% | 1965 | 46.160944 | 0.021663 | 1.1300% |
| 1964 | 45.645148 | 0.021908 | 1.5537% | 1963 | 44.946829 | 0.022249 | 1.4658% |
| 1962 | 44.297508 | 0.022575 | 1.5364% | 1961 | 43.627206 | 0.022921 | 2.1586% |
| 1960 | 42.705351 | 0.023416 | -1.6655% | 1959 | 43.428648 | 0.023026 | 4.3080% |
| 1958 | 41.635014 | 0.024018 | 2.1130% | 1957 | 40.773486 | 0.024526 | 1.9895% |
| 1956 | 39.978124 | 0.025014 | 2.1231% | 1955 | 39.146996 | 0.025545 | 1.4496% |
| 1954 | 38.587625 | 0.025915 | 2.1573% | 1953 | 37.772771 | 0.026474 | 1.2298% |
| 1952 | 37.313901 | 0.026800 | 1.6814% | 1951 | 36.696888 | 0.027250 | 1.6233% |
| 1950 | 36.110713 | 0.027693 | 1.4265% | 1949 | 35.602825 | 0.028088 | 1.7790% |
| 1948 | 34.980508 | 0.028587 | 1.8242% | 1947 | 34.353839 | 0.029109 | -2.6320% |
| 1946 | 35.282487 | 0.028343 | 3.1768% | 1945 | 34.196143 | 0.029243 | 6.4754% |
| 1944 | 32.116468 | 0.031137 | -0.3437% | 1943 | 32.227226 | 0.031030 | 0.6562% |
| 1942 | 32.017122 | 0.031233 | 0.6633% | 1941 | 31.806152 | 0.031440 | -5.6614% |
| 1940 | 33.714896 | 0.029660 | 8.0381% | 1939 | 31.206485 | 0.032045 | 0.8126% |
| 1938 | 30.954936 | 0.032305 | 0.7762% | 1937 | 30.716500 | 0.032556 | 0.6029% |
| 1936 | 30.532427 | 0.032752 | 0.5244% | 1935 | 30.373152 | 0.032924 | -3.0364% |
| 1934 | 31.324273 | 0.031924 | 4.6271% | 1933 | 29.938960 | 0.033401 | 1.3921% |
| 1932 | 29.527897 | 0.033866 | -0.2051% | 1931 | 29.588579 | 0.033797 | 0.8886% |
| 1930 | 29.327971 | 0.034097 | 1.0126% | 1929 | 29.033977 | 0.034442 | 1.1526% |
| 1928 | 28.703147 | 0.034839 | 1.2160% | 1927 | 28.358309 | 0.035263 | 1.4086% |
| 1926 | 27.964408 | 0.035760 | 1.7667% | 1925 | 27.478941 | 0.036392 | 1.4465% |
| 1924 | 27.087125 | 0.036918 | 1.7700% | 1923 | 26.616029 | 0.037571 | 1.6165% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1922 | 26.192620 | 0.038179 | 1.3736% | 1921 | 25.837702 | 0.038703 | 2.3393% |
| 1920 | 25.247093 | 0.039609 | 1.3140% | 1919 | 24.919647 | 0.040129 | 0.7676% |
| 1918 | 24.729810 | 0.040437 | 0.3870% | 1917 | 24.634478 | 0.040594 | 1.3274% |
| 1916 | 24.311755 | 0.041132 | 1.4083% | 1915 | 23.974130 | 0.041712 | 1.4458% |
| 1914 | 23.632451 | 0.042315 | 1.9424% | 1913 | 23.182165 | 0.043137 | 1.9857% |
| 1912 | 22.730806 | 0.043993 | 1.5634% | 1911 | 22.380901 | 0.044681 | 1.8169% |
| 1910 | 21.981515 | 0.045493 | 1.8781% | 1909 | 21.576299 | 0.046347 | 2.0082% |
| 1908 | 21.151526 | 0.047278 | 1.9603% | 1907 | 20.744874 | 0.048205 | 1.8264% |
| 1906 | 20.372794 | 0.049085 | 1.9357% | 1905 | 19.985932 | 0.050035 | 2.0148% |
| 1904 | 19.591202 | 0.051043 | 2.1335% | 1903 | 19.181950 | 0.052132 | 1.8151% |
| 1902 | 18.839976 | 0.053079 | 1.8943% | 1901 | 18.489716 | 0.054084 | 3.0255% |
| 1900 | 17.946738 | 0.055720 | 0.6278% | 1899 | 17.834764 | 0.056070 | 1.7757% |
| 1898 | 17.523605 | 0.057066 | 1.8078% | 1897 | 17.212446 | 0.058097 | 1.8396% |
| 1896 | 16.901526 | 0.059166 | 1.8755% | 1895 | 16.590367 | 0.060276 | 1.9114% |
| 1894 | 16.279208 | 0.061428 | 1.9486% | 1893 | 15.968050 | 0.062625 | 1.9858% |
| 1892 | 15.657129 | 0.063869 | 2.0276% | 1891 | 15.345970 | 0.065164 | 2.6465% |
| 1890 | 14.950308 | 0.066888 | 1.5328% | 1889 | 14.724607 | 0.067914 | 2.0811% |
| 1888 | 14.424416 | 0.069327 | 2.1599% | 1887 | 14.119456 | 0.070824 | 2.2075% |
| 1886 | 13.814497 | 0.072388 | 2.2592% | 1885 | 13.509299 | 0.074023 | 2.3095% |
| 1884 | 13.204340 | 0.075733 | 2.3641% | 1883 | 12.899380 | 0.077523 | 2.4214% |
| 1882 | 12.594421 | 0.079400 | 2.4815% | 1881 | 12.289461 | 0.081371 | 3.7644% |
| 1880 | 11.843620 | 0.084434 | 0.9432% | 1879 | 11.732952 | 0.085230 | 2.1464% |
| 1878 | 11.486409 | 0.087059 | 2.1913% | 1877 | 11.240105 | 0.088967 | 2.2426% |
| 1876 | 10.993562 | 0.090962 | 2.2941% | 1875 | 10.747020 | 0.093049 | 2.3456% |
| 1874 | 10.500715 | 0.095232 | 2.4043% | 1873 | 10.254173 | 0.097521 | 2.4635% |
| 1872 | 10.007630 | 0.099924 | 2.5258% | 1871 | 9.761087 | 0.102448 | 5.9947% |
| 1870 | 9.209036 | 0.108589 | -1.0968% | 1869 | 9.311159 | 0.107398 | 2.1930% |
| 1868 | 9.111350 | 0.109753 | 2.2394% | 1867 | 8.911779 | 0.112211 | 2.2935% |
| 1866 | 8.711969 | 0.114785 | 2.3445% | 1865 | 8.512399 | 0.117476 | 2.4037% |
| 1864 | 8.312589 | 0.120299 | 2.4599% | 1863 | 8.113019 | 0.123259 | 2.5250% |
| 1862 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 7.913209 | 0.126371 | 2.5872% | 1861 | 7.713639 | 0.129641 | 2.9504% | 1860 |
| 7.492577 | 0.133465 | 2.4012% | 1859 | 7.316881 | 0.136670 | 2.7627% | 1858 |
| 7.120172 | 0.140446 | 2.8412% | 1857 | 6.923462 | 0.144436 | 2.9243% | 1856 |
| 6.726753 | 0.148660 | 3.0161% | 1855 | 6.529804 | 0.153144 | 3.1061% | 1854 |
| 6.333095 | 0.157901 | 3.2056% | 1853 | 6.136385 | 0.162962 | 3.3118% | 1852 |
| 5.939676 | 0.168359 | 3.4252% | 1851 | 5.742966 | 0.174126 | 4.0106% | 1850 |
| 5.521520 | 0.181110 | 2.3254% | 1849 | 5.396042 | 0.185321 | 2.7841% | 1848 |
| 5.249881 | 0.190481 | 2.8590% | 1847 | 5.103958 | 0.195926 | 2.9432% | 1846 |
| 4.958035 | 0.201693 | 3.0324% | 1845 | 4.812113 | 0.207809 | 3.1325% | 1844 |
| 4.665951 | 0.214319 | 3.2284% | 1843 | 4.520029 | 0.221238 | 3.3361% | 1842 |
| 4.374106 | 0.228618 | 3.4512% | 1841 | 4.228183 | 0.236508 | 3.8105% | 1840 |
| 4.072983 | 0.245520 | 2.3861% | 1839 | 3.978064 | 0.251379 | 2.5824% | 1838 |
| 3.877921 | 0.257870 | 2.6573% | 1837 | 3.777539 | 0.264723 | 2.7232% | 1836 |
| 3.677396 | 0.271932 | 2.7994% | 1835 | 3.577253 | 0.279544 | 2.8871% | 1834 |
| 3.476872 | 0.287615 | 2.9657% | 1833 | 3.376729 | 0.296145 | 3.0563% | 1832 |
| 3.276586 | 0.305196 | 3.1604% | 1831 | 3.176204 | 0.314841 | 3.4660% | 1830 |
| 3.069806 | 0.325754 | 2.4653% | 1829 | 2.995947 | 0.333784 | 2.6804% | 1828 |
| 2.917740 | 0.342731 | 10.3427% | 1827 | 2.644254 | 0.378179 | -4.2314% | 1826 |
| 2.761087 | 0.362176 | 2.9150% | 1825 | 2.682880 | 0.372734 | 3.0026% | 1824 |
| 2.604673 | 0.383925 | 3.0955% | 1823 | 2.526466 | 0.395810 | 3.1944% | 1822 |
| 2.448259 | 0.408453 | 3.3102% | 1821 | 2.369814 | 0.421974 | 3.2277% | 1820 |
| 2.295714 | 0.435594 | 2.6573% | 1819 | 2.236290 | 0.447169 | 2.6261% | 1818 |
| 2.179065 | 0.458912 | 2.6969% | 1817 | 2.121841 | 0.471289 | 2.7717% | 1816 |
| 2.064616 | 0.484352 | 2.8507% | 1815 | 2.007392 | 0.498159 | 2.9343% | 1814 |
| 1.950167 | 0.512777 | 3.0231% | 1813 | 1.892942 | 0.528278 | 3.1039% | 1812 |
| 1.835956 | 0.544675 | 3.2172% | 1811 | 1.778732 | 0.562198 | 3.0969% | 1810 |
| 1.725300 | 0.579609 | 2.9144% | 1809 | 1.676443 | 0.596501 | 2.8225% | 1808 |
| 1.630424 | 0.613337 | 2.9199% | 1807 | 1.584168 | 0.631246 | 2.9918% | 1806 |
| 1.538150 | 0.650132 | 3.0841% | 1805 | 1.492132 | 0.670182 | 3.1822% | 1804 |
| 1.446113 | 0.691509 | 3.2868% | 1803 | 1.400095 | 0.714237 | 3.3985% | 1802 |

| | | | | | | | |
|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.354077 | 0.738510 | 3.5180% | 1801 | 1.308059 | 0.764491 | 3.3999% | 1800 |
| 1.265048 | 0.790484 | 2.8419% | 1799 | 1.230091 | 0.812948 | 2.7485% | 1798 |
| 1.197186 | 0.835292 | 2.8261% | 1797 | 1.164282 | 0.858898 | 3.7832% | 1796 |
| 1.121841 | 0.891392 | 2.1272% | 1795 | 1.098474 | 0.910354 | 3.0879% | 1794 |
| 1.065570 | 0.938465 | 3.1625% | 1793 | 1.032904 | 0.968144 | 3.2904% | 1792 |
| 1.000000 | 1.000000 | 3.4024% | 1791 | 0.967096 | 1.034024 | 3.2296% | 1790 |
| 0.936840 | 1.067418 | 41.3145% | 1780 | 0.662947 | 1.508416 | 29.4353% | 1770 |
| 0.512184 | 1.952423 | 83.4728% | 1750 | 0.279161 | 3.582166 | 29.2845% | 1740 |
| 0.215928 | 4.631184 | 94.2514% | 1720 | 0.111159 | 8.996139 | 85.8111% | 1700 |
| 0.059824 | 16.715823 | 19.2490% | 1690 | 0.050167 | 19.933460 | 88.0250% | 1670 |
| 0.026681 | 37.479893 | | | | | | |

BASE YEAR: 1791

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 74.317147 | 0.013456 | 8.2857% | 2001 | 68.630646 | 0.014571 | 1.0000% |
| 2000 | 67.951127 | 0.014716 | 1.0000% | 1999 | 67.278344 | 0.014864 | 1.0000% |
| 1998 | 66.612221 | 0.015012 | 1.0000% | 1997 | 65.952695 | 0.015162 | 1.0000% |
| 1996 | 65.299697 | 0.015314 | 1.0000% | 1995 | 64.653166 | 0.015467 | 0.9992% |
| 1994 | 64.013529 | 0.015622 | 1.0008% | 1993 | 63.379243 | 0.015778 | 1.0000% |
| 1992 | 62.751726 | 0.015936 | 0.9295% | 1991 | 62.173817 | 0.016084 | 1.2505% |
| 1990 | 61.405926 | 0.016285 | 0.7224% | 1989 | 60.965483 | 0.016403 | 1.1077% |
| 1988 | 60.297584 | 0.016584 | 0.8834% | 1987 | 59.769601 | 0.016731 | 0.5594% |
| 1986 | 59.437130 | 0.016825 | 1.3056% | 1985 | 58.671105 | 0.017044 | 0.7673% |
| 1984 | 58.224359 | 0.017175 | 0.8149% | 1983 | 57.753698 | 0.017315 | 0.9737% |
| 1982 | 57.196746 | 0.017484 | 0.9508% | 1981 | 56.658037 | 0.017650 | 0.9031% |
| 1980 | 56.150957 | 0.017809 | 2.2701% | 1979 | 54.904586 | 0.018213 | 1.0042% |
| 1978 | 54.358728 | 0.018396 | 0.9896% | 1977 | 53.826060 | 0.018578 | 0.9103% |
| 1976 | 53.340483 | 0.018747 | 0.8394% | 1975 | 52.896450 | 0.018905 | 0.9042% |
| 1974 | 52.422461 | 0.019076 | 1.1568% | 1973 | 51.822978 | 0.019296 | 0.9427% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1972 | 51.339004 | 0.019478 | 0.7426% | 1971 | 50.960552 | 0.019623 | 1.4697% |
| 1970 | 50.222415 | 0.019911 | 0.6968% | 1969 | 49.874877 | 0.020050 | 0.8565% |
| 1968 | 49.451307 | 0.020222 | 1.5090% | 1967 | 48.716161 | 0.020527 | 0.9949% |
| 1966 | 48.236255 | 0.020731 | 1.0575% | 1965 | 47.731509 | 0.020951 | 1.1300% |
| 1964 | 47.198163 | 0.021187 | 1.5537% | 1963 | 46.476085 | 0.021516 | 1.4658% |
| 1962 | 45.804672 | 0.021832 | 1.5364% | 1961 | 45.111563 | 0.022167 | 2.1586% |
| 1960 | 44.158344 | 0.022646 | -1.6655% | 1959 | 44.906250 | 0.022269 | 4.3080% |
| 1958 | 43.051590 | 0.023228 | 2.1130% | 1957 | 42.160750 | 0.023719 | 1.9895% |
| 1956 | 41.338326 | 0.024191 | 2.1231% | 1955 | 40.478920 | 0.024704 | 1.4496% |
| 1954 | 39.900518 | 0.025062 | 2.1573% | 1953 | 39.057939 | 0.025603 | 1.2298% |
| 1952 | 38.583457 | 0.025918 | 1.6814% | 1951 | 37.945451 | 0.026354 | 1.6233% |
| 1950 | 37.339332 | 0.026781 | 1.4265% | 1949 | 36.814164 | 0.027163 | 1.7790% |
| 1948 | 36.170673 | 0.027647 | 1.8242% | 1947 | 35.522682 | 0.028151 | -2.6320% |
| 1946 | 36.482927 | 0.027410 | 3.1768% | 1945 | 35.359622 | 0.028281 | 6.4754% |
| 1944 | 33.209188 | 0.030112 | -0.3437% | 1943 | 33.323714 | 0.030009 | 0.6562% |
| 1942 | 33.106462 | 0.030206 | 0.6633% | 1941 | 32.888314 | 0.030406 | -5.6614% |
| 1940 | 34.862000 | 0.028685 | 8.0381% | 1939 | 32.268245 | 0.030990 | 0.8126% |
| 1938 | 32.008136 | 0.031242 | 0.7762% | 1937 | 31.761588 | 0.031485 | 0.6029% |
| 1936 | 31.571252 | 0.031674 | 0.5244% | 1935 | 31.406558 | 0.031840 | -3.0364% |
| 1934 | 32.390039 | 0.030874 | 4.6271% | 1933 | 30.957594 | 0.032302 | 1.3921% |
| 1932 | 30.532544 | 0.032752 | -0.2051% | 1931 | 30.595291 | 0.032685 | 0.8886% |
| 1930 | 30.325816 | 0.032975 | 1.0126% | 1929 | 30.021820 | 0.033309 | 1.1526% |
| 1928 | 29.679734 | 0.033693 | 1.2160% | 1927 | 29.323163 | 0.034103 | 1.4086% |
| 1926 | 28.915860 | 0.034583 | 1.7667% | 1925 | 28.413876 | 0.035194 | 1.4465% |
| 1924 | 28.008728 | 0.035703 | 1.7700% | 1923 | 27.521604 | 0.036335 | 1.6165% |
| 1922 | 27.083789 | 0.036922 | 1.3736% | 1921 | 26.716795 | 0.037430 | 2.3393% |
| 1920 | 26.106092 | 0.038305 | 1.3140% | 1919 | 25.767505 | 0.038809 | 0.7676% |
| 1918 | 25.571209 | 0.039106 | 0.3870% | 1917 | 25.472633 | 0.039258 | 1.3274% |
| 1916 | 25.138930 | 0.039779 | 1.4083% | 1915 | 24.789818 | 0.040339 | 1.4458% |
| 1914 | 24.436514 | 0.040922 | 1.9424% | 1913 | 23.970907 | 0.041717 | 1.9857% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1912 | 23.504191 | 0.042546 | 1.5634% | 1911 | 23.142382 | 0.043211 | 1.8169% |
| 1910 | 22.729407 | 0.043996 | 1.8781% | 1909 | 22.310404 | 0.044822 | 2.0082% |
| 1908 | 21.871179 | 0.045722 | 1.9603% | 1907 | 21.450690 | 0.046619 | 1.8264% |
| 1906 | 21.065952 | 0.047470 | 1.9357% | 1905 | 20.665927 | 0.048389 | 2.0148% |
| 1904 | 20.257766 | 0.049364 | 2.1335% | 1903 | 19.834590 | 0.050417 | 1.8151% |
| 1902 | 19.480981 | 0.051332 | 1.8943% | 1901 | 19.118804 | 0.052305 | 3.0255% |
| 1900 | 18.557352 | 0.053887 | 0.6278% | 1899 | 18.441568 | 0.054225 | 1.7757% |
| 1898 | 18.119822 | 0.055188 | 1.8078% | 1897 | 17.798077 | 0.056186 | 1.8396% |
| 1896 | 17.476578 | 0.057219 | 1.8755% | 1895 | 17.154832 | 0.058293 | 1.9114% |
| 1894 | 16.833087 | 0.059407 | 1.9486% | 1893 | 16.511341 | 0.060564 | 1.9858% |
| 1892 | 16.189842 | 0.061767 | 2.0276% | 1891 | 15.868097 | 0.063020 | 2.6465% |
| 1890 | 15.458972 | 0.064687 | 1.5328% | 1889 | 15.225592 | 0.065679 | 2.0811% |
| 1888 | 14.915187 | 0.067046 | 2.1599% | 1887 | 14.599852 | 0.068494 | 2.2075% |
| 1886 | 14.284517 | 0.070006 | 2.2592% | 1885 | 13.968935 | 0.071587 | 2.3095% |
| 1884 | 13.653600 | 0.073241 | 2.3641% | 1883 | 13.338264 | 0.074972 | 2.4214% |
| 1882 | 13.022929 | 0.076788 | 2.4815% | 1881 | 12.707594 | 0.078693 | 3.7644% |
| 1880 | 12.246584 | 0.081655 | 0.9432% | 1879 | 12.132150 | 0.082426 | 2.1464% |
| 1878 | 11.877219 | 0.084195 | 2.1913% | 1877 | 11.622535 | 0.086040 | 2.2426% |
| 1876 | 11.367604 | 0.087969 | 2.2941% | 1875 | 11.112673 | 0.089987 | 2.3456% |
| 1874 | 10.857988 | 0.092098 | 2.4043% | 1873 | 10.603057 | 0.094312 | 2.4635% |
| 1872 | 10.348126 | 0.096636 | 2.5258% | 1871 | 10.093195 | 0.099077 | 5.9947% |
| 1870 | 9.522361 | 0.105016 | -1.0968% | 1869 | 9.627959 | 0.103864 | 2.1930% |
| 1868 | 9.421351 | 0.106142 | 2.2394% | 1867 | 9.214990 | 0.108519 | 2.2935% |
| 1866 | 9.008383 | 0.111008 | 2.3445% | 1865 | 8.802022 | 0.113610 | 2.4037% |
| 1864 | 8.595414 | 0.116341 | 2.4599% | 1863 | 8.389053 | 0.119203 | 2.5250% |
| 1862 | 8.182446 | 0.122213 | 2.5872% | 1861 | 7.976085 | 0.125375 | 2.9504% |
| 1860 | 7.747502 | 0.129074 | 2.4012% | 1859 | 7.565828 | 0.132173 | 2.7627% |
| 1858 | 7.362426 | 0.135825 | 2.8412% | 1857 | 7.159024 | 0.139684 | 2.9243% |
| 1856 | 6.955621 | 0.143769 | 3.0161% | 1855 | 6.751972 | 0.148105 | 3.1061% |
| 1854 | 6.548570 | 0.152705 | 3.2056% | 1853 | 6.345168 | 0.157600 | 3.3118% |
| 1852 | | | | | | | |

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|----------|----------|----------|------|----------|----------|----------|------|
| 6.141765 | 0.162820 | 3.4252% | 1851 | 5.938363 | 0.168397 | 4.0106% | 1850 |
| 5.709382 | 0.175150 | 2.3254% | 1849 | 5.579635 | 0.179223 | 2.7841% | 1848 |
| 5.428501 | 0.184213 | 2.8590% | 1847 | 5.277613 | 0.189480 | 2.9432% | 1846 |
| 5.126726 | 0.195056 | 3.0324% | 1845 | 4.975838 | 0.200971 | 3.1325% | 1844 |
| 4.824704 | 0.207267 | 3.2284% | 1843 | 4.673817 | 0.213958 | 3.3361% | 1842 |
| 4.522929 | 0.221096 | 3.4512% | 1841 | 4.372041 | 0.228726 | 3.8105% | 1840 |
| 4.211560 | 0.237442 | 2.3861% | 1839 | 4.113412 | 0.243107 | 2.5824% | 1838 |
| 4.009862 | 0.249385 | 2.6573% | 1837 | 3.906065 | 0.256012 | 2.7232% | 1836 |
| 3.802515 | 0.262984 | 2.7994% | 1835 | 3.698964 | 0.270346 | 2.8871% | 1834 |
| 3.595168 | 0.278151 | 2.9657% | 1833 | 3.491617 | 0.286400 | 3.0563% | 1832 |
| 3.388067 | 0.295154 | 3.1604% | 1831 | 3.284270 | 0.304482 | 3.4660% | 1830 |
| 3.174252 | 0.315035 | 2.4653% | 1829 | 3.097880 | 0.322801 | 2.6804% | 1828 |
| 3.017012 | 0.331454 | 10.3427% | 1827 | 2.734221 | 0.365735 | -4.2314% | 1826 |
| 2.855030 | 0.350259 | 2.9150% | 1825 | 2.774162 | 0.360469 | 3.0026% | 1824 |
| 2.693294 | 0.371293 | 3.0955% | 1823 | 2.612426 | 0.382786 | 3.1944% | 1822 |
| 2.531558 | 0.395014 | 3.3102% | 1821 | 2.450444 | 0.408089 | 3.2277% | 1820 |
| 2.373823 | 0.421261 | 2.6573% | 1819 | 2.312377 | 0.432455 | 2.6261% | 1818 |
| 2.253205 | 0.443812 | 2.6969% | 1817 | 2.194034 | 0.455782 | 2.7717% | 1816 |
| 2.134862 | 0.468414 | 2.8507% | 1815 | 2.075690 | 0.481767 | 2.9343% | 1814 |
| 2.016519 | 0.495904 | 3.0231% | 1813 | 1.957347 | 0.510896 | 3.1039% | 1812 |
| 1.898422 | 0.526753 | 3.2172% | 1811 | 1.839250 | 0.543700 | 3.0969% | 1810 |
| 1.784001 | 0.560538 | 2.9144% | 1809 | 1.733481 | 0.576874 | 2.8225% | 1808 |
| 1.685897 | 0.593156 | 2.9199% | 1807 | 1.638067 | 0.610476 | 2.9918% | 1806 |
| 1.590483 | 0.628740 | 3.0841% | 1805 | 1.542899 | 0.648130 | 3.1822% | 1804 |
| 1.495316 | 0.668755 | 3.2868% | 1803 | 1.447732 | 0.690736 | 3.3985% | 1802 |
| 1.400148 | 0.714210 | 3.5180% | 1801 | 1.352564 | 0.739336 | 3.3999% | 1800 |
| 1.308090 | 0.764474 | 2.8419% | 1799 | 1.271943 | 0.786199 | 2.7485% | 1798 |
| 1.237919 | 0.807807 | 2.8261% | 1797 | 1.203895 | 0.830637 | 3.7832% | 1796 |
| 1.160010 | 0.862062 | 2.1272% | 1795 | 1.135848 | 0.880399 | 3.0879% | 1794 |
| 1.101824 | 0.907586 | 3.1625% | 1793 | 1.068047 | 0.936288 | 3.2904% | 1792 |

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|----------|-----------|----------|------|----------|-----------|----------|------|
| 1.034024 | 0.967096 | 3.4024% | 1791 | 1.000000 | 1.000000 | 3.2296% | 1790 |
| 0.968715 | 1.032296 | 41.3145% | 1780 | 0.685503 | 1.458783 | 29.4353% | 1770 |
| 0.529610 | 1.888180 | 83.4728% | 1750 | 0.288659 | 3.464298 | 29.2845% | 1740 |
| 0.223274 | 4.478799 | 94.2514% | 1720 | 0.114941 | 8.700129 | 85.8111% | 1700 |
| 0.061859 | 16.165803 | 19.2490% | 1690 | 0.051874 | 19.277567 | 88.0250% | 1670 |
| 0.027589 | 36.246649 | | | | | | |

BASE YEAR: 1790

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|------|-----------|----------|---------|------|-----------|----------|---------|
| 2009 | 76.717267 | 0.013035 | 8.2857% | 2001 | 70.847116 | 0.014115 | 1.0000% |
| 2000 | 70.145652 | 0.014256 | 1.0000% | 1999 | 69.451140 | 0.014399 | 1.0000% |
| 1998 | 68.763505 | 0.014543 | 1.0000% | 1997 | 68.082679 | 0.014688 | 1.0000% |
| 1996 | 67.408593 | 0.014835 | 1.0000% | 1995 | 66.741181 | 0.014983 | 0.9992% |
| 1994 | 66.080886 | 0.015133 | 1.0008% | 1993 | 65.426116 | 0.015284 | 1.0000% |
| 1992 | 64.778333 | 0.015437 | 0.9295% | 1991 | 64.181759 | 0.015581 | 1.2505% |
| 1990 | 63.389069 | 0.015776 | 0.7224% | 1989 | 62.934402 | 0.015890 | 1.1077% |
| 1988 | 62.244932 | 0.016066 | 0.8834% | 1987 | 61.699898 | 0.016207 | 0.5594% |
| 1986 | 61.356690 | 0.016298 | 1.3056% | 1985 | 60.565925 | 0.016511 | 0.7673% |
| 1984 | 60.104752 | 0.016638 | 0.8149% | 1983 | 59.618891 | 0.016773 | 0.9737% |
| 1982 | 59.043951 | 0.016937 | 0.9508% | 1981 | 58.487845 | 0.017098 | 0.9031% |
| 1980 | 57.964388 | 0.017252 | 2.2701% | 1979 | 56.677764 | 0.017644 | 1.0042% |
| 1978 | 56.114277 | 0.017821 | 0.9896% | 1977 | 55.564407 | 0.017997 | 0.9103% |
| 1976 | 55.063148 | 0.018161 | 0.8394% | 1975 | 54.604774 | 0.018313 | 0.9042% |
| 1974 | 54.115477 | 0.018479 | 1.1568% | 1973 | 53.496634 | 0.018693 | 0.9427% |
| 1972 | 52.997030 | 0.018869 | 0.7426% | 1971 | 52.606356 | 0.019009 | 1.4697% |
| 1970 | 51.844379 | 0.019288 | 0.6968% | 1969 | 51.485617 | 0.019423 | 0.8565% |
| 1968 | 51.048368 | 0.019589 | 1.5090% | 1967 | 50.289481 | 0.019885 | 0.9949% |
| 1966 | 49.794075 | 0.020083 | 1.0575% | 1965 | 49.273028 | 0.020295 | 1.1300% |
| 1964 | 48.722458 | 0.020524 | 1.5537% | 1963 | 47.977059 | 0.020843 | 1.4658% |

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|------|-----------|----------|----------|------|-----------|----------|----------|
| 1962 | 47.283963 | 0.021149 | 1.5364% | 1961 | 46.568470 | 0.021474 | 2.1586% |
| 1960 | 45.584465 | 0.021937 | -1.6655% | 1959 | 46.356526 | 0.021572 | 4.3080% |
| 1958 | 44.441969 | 0.022501 | 2.1130% | 1957 | 43.522358 | 0.022977 | 1.9895% |
| 1956 | 42.673373 | 0.023434 | 2.1231% | 1955 | 41.786212 | 0.023931 | 1.4496% |
| 1954 | 41.189130 | 0.024278 | 2.1573% | 1953 | 40.319340 | 0.024802 | 1.2298% |
| 1952 | 39.829534 | 0.025107 | 1.6814% | 1951 | 39.170924 | 0.025529 | 1.6233% |
| 1950 | 38.545229 | 0.025944 | 1.4265% | 1949 | 38.003101 | 0.026314 | 1.7790% |
| 1948 | 37.338828 | 0.026782 | 1.8242% | 1947 | 36.669910 | 0.027270 | -2.6320% |
| 1946 | 37.661166 | 0.026553 | 3.1768% | 1945 | 36.501583 | 0.027396 | 6.4754% |
| 1944 | 34.281700 | 0.029170 | -0.3437% | 1943 | 34.399924 | 0.029070 | 0.6562% |
| 1942 | 34.175656 | 0.029261 | 0.6633% | 1941 | 33.950463 | 0.029455 | -5.6614% |
| 1940 | 35.987891 | 0.027787 | 8.0381% | 1939 | 33.310368 | 0.030021 | 0.8126% |
| 1938 | 33.041859 | 0.030265 | 0.7762% | 1937 | 32.787348 | 0.030500 | 0.6029% |
| 1936 | 32.590866 | 0.030683 | 0.5244% | 1935 | 32.420853 | 0.030844 | -3.0364% |
| 1934 | 33.436096 | 0.029908 | 4.6271% | 1933 | 31.957389 | 0.031292 | 1.3921% |
| 1932 | 31.518612 | 0.031727 | -0.2051% | 1931 | 31.583385 | 0.031662 | 0.8886% |
| 1930 | 31.305208 | 0.031944 | 1.0126% | 1929 | 30.991393 | 0.032267 | 1.1526% |
| 1928 | 30.638260 | 0.032639 | 1.2160% | 1927 | 30.270173 | 0.033036 | 1.4086% |
| 1926 | 29.849716 | 0.033501 | 1.7667% | 1925 | 29.331520 | 0.034093 | 1.4465% |
| 1924 | 28.913288 | 0.034586 | 1.7700% | 1923 | 28.410431 | 0.035198 | 1.6165% |
| 1922 | 27.958477 | 0.035767 | 1.3736% | 1921 | 27.579631 | 0.036259 | 2.3393% |
| 1920 | 26.949205 | 0.037107 | 1.3140% | 1919 | 26.599683 | 0.037594 | 0.7676% |
| 1918 | 26.397048 | 0.037883 | 0.3870% | 1917 | 26.295288 | 0.038030 | 1.3274% |
| 1916 | 25.950808 | 0.038534 | 1.4083% | 1915 | 25.590420 | 0.039077 | 1.4458% |
| 1914 | 25.225707 | 0.039642 | 1.9424% | 1913 | 24.745063 | 0.040412 | 1.9857% |
| 1912 | 24.263274 | 0.041215 | 1.5634% | 1911 | 23.889780 | 0.041859 | 1.8169% |
| 1910 | 23.463468 | 0.042619 | 1.8781% | 1909 | 23.030933 | 0.043420 | 2.0082% |
| 1908 | 22.577522 | 0.044292 | 1.9603% | 1907 | 22.143454 | 0.045160 | 1.8264% |
| 1906 | 21.746290 | 0.045985 | 1.9357% | 1905 | 21.333346 | 0.046875 | 2.0148% |
| 1904 | 20.912004 | 0.047819 | 2.1335% | 1903 | 20.475161 | 0.048840 | 1.8151% |

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|------|-----------|----------|----------|------|-----------|----------|---------|
| 1902 | 20.110132 | 0.049726 | 1.8943% | 1901 | 19.736258 | 0.050668 | 3.0255% |
| 1900 | 19.156673 | 0.052201 | 0.6278% | 1899 | 19.037150 | 0.052529 | 1.7757% |
| 1898 | 18.705014 | 0.053462 | 1.8078% | 1897 | 18.372877 | 0.054428 | 1.8396% |
| 1896 | 18.040995 | 0.055429 | 1.8755% | 1895 | 17.708859 | 0.056469 | 1.9114% |
| 1894 | 17.376722 | 0.057548 | 1.9486% | 1893 | 17.044585 | 0.058670 | 1.9858% |
| 1892 | 16.712703 | 0.059835 | 2.0276% | 1891 | 16.380567 | 0.061048 | 2.6465% |
| 1890 | 15.958230 | 0.062664 | 1.5328% | 1889 | 15.717312 | 0.063624 | 2.0811% |
| 1888 | 15.396883 | 0.064948 | 2.1599% | 1887 | 15.071364 | 0.066351 | 2.2075% |
| 1886 | 14.745844 | 0.067816 | 2.2592% | 1885 | 14.420071 | 0.069348 | 2.3095% |
| 1884 | 14.094551 | 0.070949 | 2.3641% | 1883 | 13.769032 | 0.072627 | 2.4214% |
| 1882 | 13.443513 | 0.074385 | 2.4815% | 1881 | 13.117993 | 0.076231 | 3.7644% |
| 1880 | 12.642095 | 0.079101 | 0.9432% | 1879 | 12.523965 | 0.079847 | 2.1464% |
| 1878 | 12.260801 | 0.081561 | 2.1913% | 1877 | 11.997892 | 0.083348 | 2.2426% |
| 1876 | 11.734728 | 0.085217 | 2.2941% | 1875 | 11.471563 | 0.087172 | 2.3456% |
| 1874 | 11.208654 | 0.089217 | 2.4043% | 1873 | 10.945490 | 0.091362 | 2.4635% |
| 1872 | 10.682326 | 0.093613 | 2.5258% | 1871 | 10.419161 | 0.095977 | 5.9947% |
| 1870 | 9.829891 | 0.101731 | -1.0968% | 1869 | 9.938900 | 0.100615 | 2.1930% |
| 1868 | 9.725620 | 0.102821 | 2.2394% | 1867 | 9.512594 | 0.105124 | 2.2935% |
| 1866 | 9.299314 | 0.107535 | 2.3445% | 1865 | 9.086289 | 0.110056 | 2.4037% |
| 1864 | 8.873009 | 0.112701 | 2.4599% | 1863 | 8.659983 | 0.115474 | 2.5250% |
| 1862 | 8.446703 | 0.118389 | 2.5872% | 1861 | 8.233678 | 0.121452 | 2.9504% |
| 1860 | 7.997712 | 0.125036 | 2.4012% | 1859 | 7.810172 | 0.128038 | 2.7627% |
| 1858 | 7.600200 | 0.131575 | 2.8412% | 1857 | 7.390229 | 0.135314 | 2.9243% |
| 1856 | 7.180257 | 0.139271 | 3.0161% | 1855 | 6.970032 | 0.143471 | 3.1061% |
| 1854 | 6.760060 | 0.147928 | 3.2056% | 1853 | 6.550089 | 0.152670 | 3.3118% |
| 1852 | 6.340117 | 0.157726 | 3.4252% | 1851 | 6.130146 | 0.163128 | 4.0106% |
| 1850 | 5.893770 | 0.169671 | 2.3254% | 1849 | 5.759833 | 0.173616 | 2.7841% |
| 1848 | 5.603818 | 0.178450 | 2.8590% | 1847 | 5.448057 | 0.183552 | 2.9432% |
| 1846 | 5.292297 | 0.188954 | 3.0324% | 1845 | 5.136536 | 0.194684 | 3.1325% |
| 1844 | 4.980521 | 0.200782 | 3.2284% | 1843 | 4.824760 | 0.207264 | 3.3361% |
| 1842 | | | | | | | |

| | | | | | | | |
|----------|----------|----------|------|----------|----------|----------|------|
| 4.669000 | 0.214179 | 3.4512% | 1841 | 4.513239 | 0.221570 | 3.8105% | 1840 |
| 4.347575 | 0.230013 | 2.3861% | 1839 | 4.246257 | 0.235501 | 2.5824% | 1838 |
| 4.139363 | 0.241583 | 2.6573% | 1837 | 4.032214 | 0.248003 | 2.7232% | 1836 |
| 3.925319 | 0.254756 | 2.7994% | 1835 | 3.818425 | 0.261888 | 2.8871% | 1834 |
| 3.711276 | 0.269449 | 2.9657% | 1833 | 3.604381 | 0.277440 | 3.0563% | 1832 |
| 3.497487 | 0.285920 | 3.1604% | 1831 | 3.390338 | 0.294956 | 3.4660% | 1830 |
| 3.276766 | 0.305179 | 2.4653% | 1829 | 3.197928 | 0.312703 | 2.6804% | 1828 |
| 3.114448 | 0.321084 | 10.3427% | 1827 | 2.822524 | 0.354293 | -4.2314% | 1826 |
| 2.947235 | 0.339301 | 2.9150% | 1825 | 2.863755 | 0.349192 | 3.0026% | 1824 |
| 2.780276 | 0.359677 | 3.0955% | 1823 | 2.696796 | 0.370810 | 3.1944% | 1822 |
| 2.613316 | 0.382656 | 3.3102% | 1821 | 2.529582 | 0.395322 | 3.2277% | 1820 |
| 2.450487 | 0.408082 | 2.6573% | 1819 | 2.387056 | 0.418926 | 2.6261% | 1818 |
| 2.325974 | 0.429927 | 2.6969% | 1817 | 2.264891 | 0.441522 | 2.7717% | 1816 |
| 2.203809 | 0.453760 | 2.8507% | 1815 | 2.142726 | 0.466695 | 2.9343% | 1814 |
| 2.081643 | 0.480390 | 3.0231% | 1813 | 2.020561 | 0.494912 | 3.1039% | 1812 |
| 1.959733 | 0.510274 | 3.2172% | 1811 | 1.898650 | 0.526690 | 3.0969% | 1810 |
| 1.841617 | 0.543001 | 2.9144% | 1809 | 1.789465 | 0.558826 | 2.8225% | 1808 |
| 1.740345 | 0.574599 | 2.9199% | 1807 | 1.690969 | 0.591377 | 2.9918% | 1806 |
| 1.641849 | 0.609069 | 3.0841% | 1805 | 1.592728 | 0.627853 | 3.1822% | 1804 |
| 1.543608 | 0.647833 | 3.2868% | 1803 | 1.494487 | 0.669126 | 3.3985% | 1802 |
| 1.445367 | 0.691866 | 3.5180% | 1801 | 1.396246 | 0.716206 | 3.3999% | 1800 |
| 1.350335 | 0.740557 | 2.8419% | 1799 | 1.313021 | 0.761602 | 2.7485% | 1798 |
| 1.277899 | 0.782535 | 2.8261% | 1797 | 1.242776 | 0.804650 | 3.7832% | 1796 |
| 1.197473 | 0.835092 | 2.1272% | 1795 | 1.172531 | 0.852856 | 3.0879% | 1794 |
| 1.137409 | 0.879192 | 3.1625% | 1793 | 1.102541 | 0.906996 | 3.2904% | 1792 |
| 1.067418 | 0.936840 | 3.4024% | 1791 | 1.032296 | 0.968715 | 3.2296% | 1790 |
| 1.000000 | 1.000000 | 41.3145% | 1780 | 0.707642 | 1.413145 | 29.4353% | 1770 |
| 0.546715 | 1.829108 | 83.4728% | 1750 | 0.297981 | 3.355916 | 29.2845% | 1740 |
| 0.230485 | 4.338678 | 94.2514% | 1720 | 0.118653 | 8.427943 | 85.8111% | 1700 |

0.063857 15.660052 19.2490% 1690 0.053549 18.674463 88.0250% 1670
0.028480 35.112663

BASE YEAR: 1780

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|---------|------------|-----------|----------|----------|------------|-----------|----------|
| 2009 | 108.412584 | 0.009224 | 8.2857% | 2001 | 100.117213 | 0.009988 | |
| 1.0000% | 2000 | 99.125943 | 0.010088 | 1.0000% | 1999 | 98.144498 | 0.010189 |
| 1.0000% | 1998 | 97.172770 | 0.010291 | 1.0000% | 1997 | 96.210664 | 0.010394 |
| 1.0000% | 1996 | 95.258083 | 0.010498 | 1.0000% | 1995 | 94.314933 | 0.010603 |
| 0.9992% | 1994 | 93.381841 | 0.010709 | 1.0008% | 1993 | 92.456557 | 0.010816 |
| 1.0000% | 1992 | 91.541145 | 0.010924 | 0.9295% | 1991 | 90.698101 | 0.011026 |
| 1.2505% | 1990 | 89.577915 | 0.011163 | 0.7224% | 1989 | 88.935405 | 0.011244 |
| 1.1077% | 1988 | 87.961085 | 0.011369 | 0.8834% | 1987 | 87.190872 | 0.011469 |
| 0.5594% | 1986 | 86.705870 | 0.011533 | 1.3056% | 1985 | 85.588405 | 0.011684 |
| 0.7673% | 1984 | 84.936700 | 0.011773 | 0.8149% | 1983 | 84.250108 | 0.011869 |
| 0.9737% | 1982 | 83.437635 | 0.011985 | 0.9508% | 1981 | 82.651777 | 0.012099 |
| 0.9031% | 1980 | 81.912057 | 0.012208 | 2.2701% | 1979 | 80.093871 | 0.012485 |
| 1.0042% | 1978 | 79.297583 | 0.012611 | 0.9896% | 1977 | 78.520537 | 0.012736 |
| 0.9103% | 1976 | 77.812185 | 0.012851 | 0.8394% | 1975 | 77.164437 | 0.012959 |
| 0.9042% | 1974 | 76.472989 | 0.013077 | 1.1568% | 1973 | 75.598475 | 0.013228 |
| 0.9427% | 1972 | 74.892462 | 0.013352 | 0.7426% | 1971 | 74.340383 | 0.013452 |
| 1.4697% | 1970 | 73.263600 | 0.013649 | 0.6968% | 1969 | 72.756618 | 0.013744 |
| 0.8565% | 1968 | 72.138721 | 0.013862 | 1.5090% | 1967 | 71.066303 | 0.014071 |
| 0.9949% | 1966 | 70.366224 | 0.014211 | 1.0575% | 1965 | 69.629909 | 0.014362 |
| 1.1300% | 1964 | 68.851874 | 0.014524 | 1.5537% | 1963 | 67.798518 | 0.014750 |
| 1.4658% | 1962 | 66.819073 | 0.014966 | 1.5364% | 1961 | 65.807977 | 0.015196 |
| 2.1586% | 1960 | 64.417437 | 0.015524 | -1.6655% | 1959 | 65.508470 | 0.015265 |
| 4.3080% | 1958 | 62.802924 | 0.015923 | 2.1130% | 1957 | 61.503381 | 0.016259 |
| 1.9895% | 1956 | 60.303643 | 0.016583 | 2.1231% | 1955 | 59.049957 | 0.016935 |

| | | | | | | | |
|----------|------|-----------|----------|----------|------|-----------|----------|
| 1.4496% | 1954 | 58.206193 | 0.017180 | 2.1573% | 1953 | 56.977054 | 0.017551 |
| 1.2298% | 1952 | 56.284887 | 0.017767 | 1.6814% | 1951 | 55.354176 | 0.018065 |
| 1.6233% | 1950 | 54.469979 | 0.018359 | 1.4265% | 1949 | 53.703874 | 0.018621 |
| 1.7790% | 1948 | 52.765160 | 0.018952 | 1.8242% | 1947 | 51.819882 | 0.019298 |
| -2.6320% | 1946 | 53.220670 | 0.018790 | 3.1768% | 1945 | 51.582012 | 0.019387 |
| 6.4754% | 1944 | 48.444996 | 0.020642 | -0.3437% | 1943 | 48.612064 | 0.020571 |
| 0.6562% | 1942 | 48.295141 | 0.020706 | 0.6633% | 1941 | 47.976910 | 0.020843 |
| -5.6614% | 1940 | 50.856090 | 0.019663 | 8.0381% | 1939 | 47.072364 | 0.021244 |
| 0.8126% | 1938 | 46.692922 | 0.021417 | 0.7762% | 1937 | 46.333261 | 0.021583 |
| 0.6029% | 1936 | 46.055604 | 0.021713 | 0.5244% | 1935 | 45.815350 | 0.021827 |
| -3.0364% | 1934 | 47.250036 | 0.021164 | 4.6271% | 1933 | 45.160409 | 0.022143 |
| 1.3921% | 1932 | 44.540354 | 0.022452 | -0.2051% | 1931 | 44.631887 | 0.022406 |
| 0.8886% | 1930 | 44.238783 | 0.022605 | 1.0126% | 1929 | 43.795317 | 0.022833 |
| 1.1526% | 1928 | 43.296288 | 0.023097 | 1.2160% | 1927 | 42.776129 | 0.023378 |
| 1.4086% | 1926 | 42.181962 | 0.023707 | 1.7667% | 1925 | 41.449676 | 0.024126 |
| 1.4465% | 1924 | 40.858654 | 0.024475 | 1.7700% | 1923 | 40.148045 | 0.024908 |
| 1.6165% | 1922 | 39.509368 | 0.025310 | 1.3736% | 1921 | 38.974004 | 0.025658 |
| 2.3393% | 1920 | 38.083121 | 0.026258 | 1.3140% | 1919 | 37.589196 | 0.026603 |
| 0.7676% | 1918 | 37.302843 | 0.026808 | 0.3870% | 1917 | 37.159042 | 0.026911 |
| 1.3274% | 1916 | 36.672241 | 0.027269 | 1.4083% | 1915 | 36.162962 | 0.027653 |
| 1.4458% | 1914 | 35.647569 | 0.028052 | 1.9424% | 1913 | 34.968350 | 0.028597 |
| 1.9857% | 1912 | 34.287513 | 0.029165 | 1.5634% | 1911 | 33.759711 | 0.029621 |
| 1.8169% | 1910 | 33.157271 | 0.030159 | 1.8781% | 1909 | 32.546037 | 0.030726 |
| 2.0082% | 1908 | 31.905301 | 0.031343 | 1.9603% | 1907 | 31.291900 | 0.031957 |
| 1.8264% | 1906 | 30.730650 | 0.032541 | 1.9357% | 1905 | 30.147101 | 0.033171 |
| 2.0148% | 1904 | 29.551683 | 0.033839 | 2.1335% | 1903 | 28.934361 | 0.034561 |
| 1.8151% | 1902 | 28.418522 | 0.035188 | 1.8943% | 1901 | 27.890185 | 0.035855 |
| 3.0255% | 1900 | 27.071147 | 0.036940 | 0.6278% | 1899 | 26.902244 | 0.037172 |
| 1.7757% | 1898 | 26.432887 | 0.037832 | 1.8078% | 1897 | 25.963530 | 0.038516 |
| 1.8396% | 1896 | 25.494533 | 0.039224 | 1.8755% | 1895 | 25.025176 | 0.039960 |

| | | | | | | | |
|---------|------|-----------|----------|----------|------|-----------|----------|
| 1.9114% | 1894 | 24.555819 | 0.040724 | 1.9486% | 1893 | 24.086462 | 0.041517 |
| 1.9858% | 1892 | 23.617465 | 0.042342 | 2.0276% | 1891 | 23.148108 | 0.043200 |
| 2.6465% | 1890 | 22.551285 | 0.044343 | 1.5328% | 1889 | 22.210833 | 0.045023 |
| 2.0811% | 1888 | 21.758020 | 0.045960 | 2.1599% | 1887 | 21.298015 | 0.046953 |
| 2.2075% | 1886 | 20.838009 | 0.047989 | 2.2592% | 1885 | 20.377644 | 0.049073 |
| 2.3095% | 1884 | 19.917638 | 0.050207 | 2.3641% | 1883 | 19.457632 | 0.051394 |
| 2.4214% | 1882 | 18.997626 | 0.052638 | 2.4815% | 1881 | 18.537620 | 0.053944 |
| 3.7644% | 1880 | 17.865107 | 0.055975 | 0.9432% | 1879 | 17.698173 | 0.056503 |
| 2.1464% | 1878 | 17.326284 | 0.057716 | 2.1913% | 1877 | 16.954755 | 0.058981 |
| 2.2426% | 1876 | 16.582866 | 0.060303 | 2.2941% | 1875 | 16.210977 | 0.061687 |
| 2.3456% | 1874 | 15.839448 | 0.063134 | 2.4043% | 1873 | 15.467559 | 0.064651 |
| 2.4635% | 1872 | 15.095670 | 0.066244 | 2.5258% | 1871 | 14.723781 | 0.067917 |
| 5.9947% | 1870 | 13.891057 | 0.071989 | -1.0968% | 1869 | 14.045101 | 0.071199 |
| 2.1930% | 1868 | 13.743706 | 0.072761 | 2.2394% | 1867 | 13.442670 | 0.074390 |
| 2.2935% | 1866 | 13.141275 | 0.076096 | 2.3445% | 1865 | 12.840239 | 0.077880 |
| 2.4037% | 1864 | 12.538843 | 0.079752 | 2.4599% | 1863 | 12.237808 | 0.081714 |
| 2.5250% | 1862 | 11.936412 | 0.083777 | 2.5872% | 1861 | 11.635376 | 0.085945 |
| 2.9504% | 1860 | 11.301923 | 0.088481 | 2.4012% | 1859 | 11.036901 | 0.090605 |
| 2.7627% | 1858 | 10.740181 | 0.093108 | 2.8412% | 1857 | 10.443461 | 0.095754 |
| 2.9243% | 1856 | 10.146741 | 0.098554 | 3.0161% | 1855 | 9.849662 | 0.101526 |
| 3.1061% | 1854 | 9.552942 | 0.104680 | 3.2056% | 1853 | 9.256222 | 0.108035 |
| 3.3118% | 1852 | 8.959502 | 0.111613 | 3.4252% | 1851 | 8.662782 | 0.115436 |
| 4.0106% | 1850 | 8.328749 | 0.120066 | 2.3254% | 1849 | 8.139476 | 0.122858 |
| 2.7841% | 1848 | 7.919004 | 0.126278 | 2.8590% | 1847 | 7.698892 | 0.129889 |
| 2.9432% | 1846 | 7.478780 | 0.133712 | 3.0324% | 1845 | 7.258668 | 0.137766 |
| 3.1325% | 1844 | 7.038196 | 0.142082 | 3.2284% | 1843 | 6.818084 | 0.146669 |
| 3.3361% | 1842 | 6.597972 | 0.151562 | 3.4512% | 1841 | 6.377859 | 0.156792 |
| 3.8105% | 1840 | 6.143752 | 0.162767 | 2.3861% | 1839 | 6.000575 | 0.166651 |
| 2.5824% | 1838 | 5.849518 | 0.170954 | 2.6573% | 1837 | 5.698101 | 0.175497 |
| 2.7232% | 1836 | 5.547044 | 0.180276 | 2.7994% | 1835 | 5.395986 | 0.185323 |

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|----------|------|----------|-----------|----------|------|----------|-----------|
| 2.8871% | 1834 | 5.244569 | 0.190673 | 2.9657% | 1833 | 5.093512 | 0.196328 |
| 3.0563% | 1832 | 4.942454 | 0.202329 | 3.1604% | 1831 | 4.791037 | 0.208723 |
| 3.4660% | 1830 | 4.630544 | 0.215957 | 2.4653% | 1829 | 4.519134 | 0.221281 |
| 2.6804% | 1828 | 4.401165 | 0.227213 | 10.3427% | 1827 | 3.988635 | 0.250712 |
| -4.2314% | 1826 | 4.164868 | 0.240104 | 2.9150% | 1825 | 4.046900 | 0.247103 |
| 3.0026% | 1824 | 3.928931 | 0.254522 | 3.0955% | 1823 | 3.810962 | 0.262401 |
| 3.1944% | 1822 | 3.692994 | 0.270783 | 3.3102% | 1821 | 3.574666 | 0.279746 |
| 3.2277% | 1820 | 3.462892 | 0.288776 | 2.6573% | 1819 | 3.373256 | 0.296450 |
| 2.6261% | 1818 | 3.286937 | 0.304235 | 2.6969% | 1817 | 3.200619 | 0.312440 |
| 2.7717% | 1816 | 3.114300 | 0.321099 | 2.8507% | 1815 | 3.027982 | 0.330253 |
| 2.9343% | 1814 | 2.941663 | 0.339944 | 3.0231% | 1813 | 2.855345 | 0.350220 |
| 3.1039% | 1812 | 2.769386 | 0.361091 | 3.2172% | 1811 | 2.683067 | 0.372708 |
| 3.0969% | 1810 | 2.602471 | 0.384250 | 2.9144% | 1809 | 2.528773 | 0.395449 |
| 2.8225% | 1808 | 2.459358 | 0.406610 | 2.9199% | 1807 | 2.389584 | 0.418483 |
| 2.9918% | 1806 | 2.320170 | 0.431003 | 3.0841% | 1805 | 2.250755 | 0.444295 |
| 3.1822% | 1804 | 2.181341 | 0.458434 | 3.2868% | 1803 | 2.111926 | 0.473501 |
| 3.3985% | 1802 | 2.042512 | 0.489593 | 3.5180% | 1801 | 1.973097 | 0.506817 |
| 3.3999% | 1800 | 1.908219 | 0.524049 | 2.8419% | 1799 | 1.855488 | 0.538942 |
| 2.7485% | 1798 | 1.805855 | 0.553754 | 2.8261% | 1797 | 1.756222 | 0.569404 |
| 3.7832% | 1796 | 1.692203 | 0.590946 | 2.1272% | 1795 | 1.656956 | 0.603516 |
| 3.0879% | 1794 | 1.607323 | 0.622153 | 3.1625% | 1793 | 1.558049 | 0.641828 |
| 3.2904% | 1792 | 1.508416 | 0.662947 | 3.4024% | 1791 | 1.458783 | 0.685503 |
| 3.2296% | 1790 | 1.413145 | 0.707642 | 41.3145% | 1780 | 1.000000 | 1.000000 |
| 29.4353% | 1770 | 0.772587 | 1.294353 | 83.4728% | 1750 | 0.421090 | 2.374786 |
| 29.2845% | 1740 | 0.325709 | 3.070230 | 94.2514% | 1720 | 0.167674 | 5.963964 |
| 85.8111% | 1700 | 0.090239 | 11.081706 | 19.2490% | 1690 | 0.075673 | 13.214829 |
| 88.0250% | 1670 | 0.040246 | 24.847185 | | | | |

BASE YEAR: 1770

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|----------|------------|------------|----------|----------|------------|------------|----------|
| 2009 | 140.324170 | 0.007126 | 8.2857% | 2001 | 129.587030 | 0.007717 | |
| 1.0000% | 2000 | 128.303977 | 0.007794 | 1.0000% | 1999 | 127.033640 | 0.007872 |
| 1.0000% | 1998 | 125.775881 | 0.007951 | 1.0000% | 1997 | 124.530575 | 0.008030 |
| 1.0000% | 1996 | 123.297599 | 0.008110 | 1.0000% | 1995 | 122.076831 | 0.008192 |
| 0.9992% | 1994 | 120.869081 | 0.008273 | 1.0008% | 1993 | 119.671435 | 0.008356 |
| 1.0000% | 1992 | 118.486570 | 0.008440 | 0.9295% | 1991 | 117.395373 | 0.008518 |
| 1.2505% | 1990 | 115.945457 | 0.008625 | 0.7224% | 1989 | 115.113822 | 0.008687 |
| 1.1077% | 1988 | 113.852707 | 0.008783 | 0.8834% | 1987 | 112.855780 | 0.008861 |
| 0.5594% | 1986 | 112.228015 | 0.008910 | 1.3056% | 1985 | 110.781621 | 0.009027 |
| 0.7673% | 1984 | 109.938085 | 0.009096 | 0.8149% | 1983 | 109.049392 | 0.009170 |
| 0.9737% | 1982 | 107.997765 | 0.009259 | 0.9508% | 1981 | 106.980587 | 0.009347 |
| 0.9031% | 1980 | 106.023129 | 0.009432 | 2.2701% | 1979 | 103.669755 | 0.009646 |
| 1.0042% | 1978 | 102.639076 | 0.009743 | 0.9896% | 1977 | 101.633304 | 0.009839 |
| 0.9103% | 1976 | 100.716447 | 0.009929 | 0.8394% | 1975 | 99.878032 | 0.010012 |
| 0.9042% | 1974 | 98.983055 | 0.010103 | 1.1568% | 1973 | 97.851124 | 0.010220 |
| 0.9427% | 1972 | 96.937293 | 0.010316 | 0.7426% | 1971 | 96.222708 | 0.010393 |
| 1.4697% | 1970 | 94.828972 | 0.010545 | 0.6968% | 1969 | 94.172757 | 0.010619 |
| 0.8565% | 1968 | 93.372981 | 0.010710 | 1.5090% | 1967 | 91.984894 | 0.010871 |
| 0.9949% | 1966 | 91.078744 | 0.010980 | 1.0575% | 1965 | 90.125692 | 0.011096 |
| 1.1300% | 1964 | 89.118640 | 0.011221 | 1.5537% | 1963 | 87.755226 | 0.011395 |
| 1.4658% | 1962 | 86.487477 | 0.011562 | 1.5364% | 1961 | 85.178763 | 0.011740 |
| 2.1586% | 1960 | 83.378913 | 0.011993 | -1.6655% | 1959 | 84.791094 | 0.011794 |
| 4.3080% | 1958 | 81.289163 | 0.012302 | 2.1130% | 1957 | 79.607095 | 0.012562 |
| 1.9895% | 1956 | 78.054211 | 0.012812 | 2.1231% | 1955 | 76.431498 | 0.013084 |
| 1.4496% | 1954 | 75.339370 | 0.013273 | 2.1573% | 1953 | 73.748429 | 0.013560 |
| 1.2298% | 1952 | 72.852521 | 0.013726 | 1.6814% | 1951 | 71.647852 | 0.013957 |
| 1.6233% | 1950 | 70.503389 | 0.014184 | 1.4265% | 1949 | 69.511778 | 0.014386 |
| 1.7790% | 1948 | 68.296751 | 0.014642 | 1.8242% | 1947 | 67.073228 | 0.014909 |
| -2.6320% | 1946 | 68.886341 | 0.014517 | 3.1768% | 1945 | 66.765339 | 0.014978 |
| 6.4754% | 1944 | 62.704934 | 0.015948 | -0.3437% | 1943 | 62.921179 | 0.015893 |

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|----------|------|-----------|----------|----------|------|-----------|----------|
| 0.6562% | 1942 | 62.510967 | 0.015997 | 0.6633% | 1941 | 62.099064 | 0.016103 |
| -5.6614% | 1940 | 65.825741 | 0.015192 | 8.0381% | 1939 | 60.928262 | 0.016413 |
| 0.8126% | 1938 | 60.437130 | 0.016546 | 0.7762% | 1937 | 59.971603 | 0.016675 |
| 0.6029% | 1936 | 59.612215 | 0.016775 | 0.5244% | 1935 | 59.301243 | 0.016863 |
| -3.0364% | 1934 | 61.158233 | 0.016351 | 4.6271% | 1933 | 58.453517 | 0.017108 |
| 1.3921% | 1932 | 57.650947 | 0.017346 | -0.2051% | 1931 | 57.769424 | 0.017310 |
| 0.8886% | 1930 | 57.260608 | 0.017464 | 1.0126% | 1929 | 56.686607 | 0.017641 |
| 1.1526% | 1928 | 56.040687 | 0.017844 | 1.2160% | 1927 | 55.367418 | 0.018061 |
| 1.4086% | 1926 | 54.598355 | 0.018316 | 1.7667% | 1925 | 53.650519 | 0.018639 |
| 1.4465% | 1924 | 52.885528 | 0.018909 | 1.7700% | 1923 | 51.965749 | 0.019243 |
| 1.6165% | 1922 | 51.139075 | 0.019555 | 1.3736% | 1921 | 50.446125 | 0.019823 |
| 2.3393% | 1920 | 49.293008 | 0.020287 | 1.3140% | 1919 | 48.653694 | 0.020553 |
| 0.7676% | 1918 | 48.283052 | 0.020711 | 0.3870% | 1917 | 48.096923 | 0.020791 |
| 1.3274% | 1916 | 47.466831 | 0.021067 | 1.4083% | 1915 | 46.807644 | 0.021364 |
| 1.4458% | 1914 | 46.140543 | 0.021673 | 1.9424% | 1913 | 45.261394 | 0.022094 |
| 1.9857% | 1912 | 44.380150 | 0.022533 | 1.5634% | 1911 | 43.696988 | 0.022885 |
| 1.8169% | 1910 | 42.917218 | 0.023301 | 1.8781% | 1909 | 42.126065 | 0.023738 |
| 2.0082% | 1908 | 41.296727 | 0.024215 | 1.9603% | 1907 | 40.502770 | 0.024690 |
| 1.8264% | 1906 | 39.776314 | 0.025141 | 1.9357% | 1905 | 39.020995 | 0.025627 |
| 2.0148% | 1904 | 38.250314 | 0.026144 | 2.1335% | 1903 | 37.451281 | 0.026701 |
| 1.8151% | 1902 | 36.783604 | 0.027186 | 1.8943% | 1901 | 36.099749 | 0.027701 |
| 3.0255% | 1900 | 35.039625 | 0.028539 | 0.6278% | 1899 | 34.821005 | 0.028718 |
| 1.7757% | 1898 | 34.213491 | 0.029228 | 1.8078% | 1897 | 33.605977 | 0.029757 |
| 1.8396% | 1896 | 32.998929 | 0.030304 | 1.8755% | 1895 | 32.391416 | 0.030872 |
| 1.9114% | 1894 | 31.783902 | 0.031462 | 1.9486% | 1893 | 31.176388 | 0.032076 |
| 1.9858% | 1892 | 30.569340 | 0.032713 | 2.0276% | 1891 | 29.961827 | 0.033376 |
| 2.6465% | 1890 | 29.189326 | 0.034259 | 1.5328% | 1889 | 28.748662 | 0.034784 |
| 2.0811% | 1888 | 28.162562 | 0.035508 | 2.1599% | 1887 | 27.567152 | 0.036275 |
| 2.2075% | 1886 | 26.971742 | 0.037076 | 2.2592% | 1885 | 26.375867 | 0.037913 |
| 2.3095% | 1884 | 25.780457 | 0.038789 | 2.3641% | 1883 | 25.185047 | 0.039706 |

| | | | | | | | |
|----------|------|-----------|----------|----------|------|-----------|----------|
| 2.4214% | 1882 | 24.589637 | 0.040668 | 2.4815% | 1881 | 23.994227 | 0.041677 |
| 3.7644% | 1880 | 23.123758 | 0.043246 | 0.9432% | 1879 | 22.907686 | 0.043653 |
| 2.1464% | 1878 | 22.426330 | 0.044590 | 2.1913% | 1877 | 21.945440 | 0.045568 |
| 2.2426% | 1876 | 21.464085 | 0.046589 | 2.2941% | 1875 | 20.982729 | 0.047658 |
| 2.3456% | 1874 | 20.501839 | 0.048776 | 2.4043% | 1873 | 20.020483 | 0.049949 |
| 2.4635% | 1872 | 19.539128 | 0.051179 | 2.5258% | 1871 | 19.057772 | 0.052472 |
| 5.9947% | 1870 | 17.979933 | 0.055618 | -1.0968% | 1869 | 18.179321 | 0.055008 |
| 2.1930% | 1868 | 17.789209 | 0.056214 | 2.2394% | 1867 | 17.399562 | 0.057473 |
| 2.2935% | 1866 | 17.009450 | 0.058791 | 2.3445% | 1865 | 16.619804 | 0.060169 |
| 2.4037% | 1864 | 16.229691 | 0.061615 | 2.4599% | 1863 | 15.840045 | 0.063131 |
| 2.5250% | 1862 | 15.449932 | 0.064725 | 2.5872% | 1861 | 15.060286 | 0.066400 |
| 2.9504% | 1860 | 14.628680 | 0.068359 | 2.4012% | 1859 | 14.285648 | 0.070000 |
| 2.7627% | 1858 | 13.901587 | 0.071934 | 2.8412% | 1857 | 13.517527 | 0.073978 |
| 2.9243% | 1856 | 13.133467 | 0.076141 | 3.0161% | 1855 | 12.748941 | 0.078438 |
| 3.1061% | 1854 | 12.364881 | 0.080874 | 3.2056% | 1853 | 11.980820 | 0.083467 |
| 3.3118% | 1852 | 11.596760 | 0.086231 | 3.4252% | 1851 | 11.212700 | 0.089185 |
| 4.0106% | 1850 | 10.780343 | 0.092761 | 2.3254% | 1849 | 10.535357 | 0.094918 |
| 2.7841% | 1848 | 10.249988 | 0.097561 | 2.8590% | 1847 | 9.965085 | 0.100350 |
| 2.9432% | 1846 | 9.680182 | 0.103304 | 3.0324% | 1845 | 9.395280 | 0.106436 |
| 3.1325% | 1844 | 9.109911 | 0.109771 | 3.2284% | 1843 | 8.825008 | 0.113314 |
| 3.3361% | 1842 | 8.540105 | 0.117095 | 3.4512% | 1841 | 8.255202 | 0.121136 |
| 3.8105% | 1840 | 7.952185 | 0.125752 | 2.3861% | 1839 | 7.766864 | 0.128752 |
| 2.5824% | 1838 | 7.571342 | 0.132077 | 2.6573% | 1837 | 7.375355 | 0.135587 |
| 2.7232% | 1836 | 7.179833 | 0.139279 | 2.7994% | 1835 | 6.984312 | 0.143178 |
| 2.8871% | 1834 | 6.788325 | 0.147312 | 2.9657% | 1833 | 6.592803 | 0.151681 |
| 3.0563% | 1832 | 6.397281 | 0.156316 | 3.1604% | 1831 | 6.201294 | 0.161257 |
| 3.4660% | 1830 | 5.993559 | 0.166846 | 2.4653% | 1829 | 5.849355 | 0.170959 |
| 2.6804% | 1828 | 5.696662 | 0.175541 | 10.3427% | 1827 | 5.162702 | 0.193697 |
| -4.2314% | 1826 | 5.390810 | 0.185501 | 2.9150% | 1825 | 5.238117 | 0.190908 |
| 3.0026% | 1824 | 5.085424 | 0.196640 | 3.0955% | 1823 | 4.932731 | 0.202727 |

| | | | | | | | |
|----------|------|----------|-----------|----------|------|----------|-----------|
| 3.1944% | 1822 | 4.780038 | 0.209203 | 3.3102% | 1821 | 4.626880 | 0.216128 |
| 3.2277% | 1820 | 4.482206 | 0.223104 | 2.6573% | 1819 | 4.366184 | 0.229033 |
| 2.6261% | 1818 | 4.254457 | 0.235048 | 2.6969% | 1817 | 4.142731 | 0.241387 |
| 2.7717% | 1816 | 4.031004 | 0.248077 | 2.8507% | 1815 | 3.919278 | 0.255149 |
| 2.9343% | 1814 | 3.807551 | 0.262636 | 3.0231% | 1813 | 3.695824 | 0.270576 |
| 3.1039% | 1812 | 3.584563 | 0.278974 | 3.2172% | 1811 | 3.472836 | 0.287949 |
| 3.0969% | 1810 | 3.368516 | 0.296867 | 2.9144% | 1809 | 3.273125 | 0.305518 |
| 2.8225% | 1808 | 3.183278 | 0.314142 | 2.9199% | 1807 | 3.092966 | 0.323314 |
| 2.9918% | 1806 | 3.003119 | 0.332987 | 3.0841% | 1805 | 2.913272 | 0.343257 |
| 3.1822% | 1804 | 2.823425 | 0.354180 | 3.2868% | 1803 | 2.733579 | 0.365821 |
| 3.3985% | 1802 | 2.643732 | 0.378253 | 3.5180% | 1801 | 2.553885 | 0.391560 |
| 3.3999% | 1800 | 2.469909 | 0.404873 | 2.8419% | 1799 | 2.401657 | 0.416379 |
| 2.7485% | 1798 | 2.337414 | 0.427823 | 2.8261% | 1797 | 2.273172 | 0.439914 |
| 3.7832% | 1796 | 2.190308 | 0.456557 | 2.1272% | 1795 | 2.144686 | 0.466269 |
| 3.0879% | 1794 | 2.080443 | 0.480667 | 3.1625% | 1793 | 2.016666 | 0.495868 |
| 3.2904% | 1792 | 1.952423 | 0.512184 | 3.4024% | 1791 | 1.888180 | 0.529610 |
| 3.2296% | 1790 | 1.829108 | 0.546715 | 41.3145% | 1780 | 1.294353 | 0.772587 |
| 29.4353% | 1770 | 1.000000 | 1.000000 | 83.4728% | 1750 | 0.545040 | 1.834728 |
| 29.2845% | 1740 | 0.421582 | 2.372019 | 94.2514% | 1720 | 0.217029 | 4.607679 |
| 85.8111% | 1700 | 0.116801 | 8.561578 | 19.2490% | 1690 | 0.097947 | 10.209601 |
| 88.0250% | 1670 | 0.052093 | 19.196604 | | | | |

BASE YEAR: 1750

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|---------|------------|------------|----------|---------|------------|------------|----------|
| 2009 | 257.456738 | 0.003884 | 8.2857% | 2001 | 237.757003 | 0.004206 | |
| 1.0000% | 2000 | 235.402948 | 0.004248 | 1.0000% | 1999 | 233.072226 | 0.004291 |
| 1.0000% | 1998 | 230.764580 | 0.004333 | 1.0000% | 1997 | 228.479782 | 0.004377 |
| 1.0000% | 1996 | 226.217606 | 0.004421 | 1.0000% | 1995 | 223.977827 | 0.004465 |
| 0.9992% | 1994 | 221.761934 | 0.004509 | 1.0008% | 1993 | 219.564580 | 0.004554 |

1.0000% 1992 217.390673 0.004600 0.9295% 1991 215.388623 0.004643
1.2505% 1990 212.728422 0.004701 0.7224% 1989 211.202597 0.004735
1.1077% 1988 208.888794 0.004787 0.8834% 1987 207.059703 0.004830
0.5594% 1986 205.907926 0.004857 1.3056% 1985 203.254185 0.004920
0.7673% 1984 201.706525 0.004958 0.8149% 1983 200.076016 0.004998
0.9737% 1982 198.146566 0.005047 0.9508% 1981 196.280321 0.005095
0.9031% 1980 194.523645 0.005141 2.2701% 1979 190.205842 0.005257
1.0042% 1978 188.314827 0.005310 0.9896% 1977 186.469508 0.005363
0.9103% 1976 184.787325 0.005412 0.8394% 1975 183.249060 0.005457
0.9042% 1974 181.607021 0.005506 1.1568% 1973 179.530236 0.005570
0.9427% 1972 177.853604 0.005623 0.7426% 1971 176.542535 0.005664
1.4697% 1970 173.985407 0.005748 0.6968% 1969 172.781431 0.005788
0.8565% 1968 171.314059 0.005837 1.5090% 1967 168.767296 0.005925
0.9949% 1966 167.104757 0.005984 1.0575% 1965 165.356167 0.006048
1.1300% 1964 163.508498 0.006116 1.5537% 1963 161.007004 0.006211
1.4658% 1962 158.681030 0.006302 1.5364% 1961 156.279894 0.006399
2.1586% 1960 152.977658 0.006537 -1.6655% 1959 155.568628 0.006428
4.3080% 1958 149.143534 0.006705 2.1130% 1957 146.057397 0.006847
1.9895% 1956 143.208276 0.006983 2.1231% 1955 140.231039 0.007131
1.4496% 1954 138.227280 0.007234 2.1573% 1953 135.308336 0.007391
1.2298% 1952 133.664588 0.007481 1.6814% 1951 131.454347 0.007607
1.6233% 1950 129.354570 0.007731 1.4265% 1949 127.535232 0.007841
1.7790% 1948 125.305987 0.007980 1.8242% 1947 123.061155 0.008126
-2.6320% 1946 126.387726 0.007912 3.1768% 1945 122.496263 0.008164
6.4754% 1944 115.046522 0.008692 -0.3437% 1943 115.443273 0.008662
0.6562% 1942 114.690647 0.008719 0.6633% 1941 113.934916 0.008777
-5.6614% 1940 120.772356 0.008280 8.0381% 1939 111.786812 0.008946
0.8126% 1938 110.885719 0.009018 0.7762% 1937 110.031602 0.009088
0.6029% 1936 109.372224 0.009143 0.5244% 1935 108.801674 0.009191
-3.0364% 1934 112.208746 0.008912 4.6271% 1933 107.246327 0.009324

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|---------|------|------------|----------|----------|------|------------|----------|
| 1.3921% | 1932 | 105.773830 | 0.009454 | -0.2051% | 1931 | 105.991203 | 0.009435 |
| 0.8886% | 1930 | 105.057662 | 0.009519 | 1.0126% | 1929 | 104.004527 | 0.009615 |
| 1.1526% | 1928 | 102.819440 | 0.009726 | 1.2160% | 1927 | 101.584173 | 0.009844 |
| 1.4086% | 1926 | 100.173153 | 0.009983 | 1.7667% | 1925 | 98.434131 | 0.010159 |
| 1.4465% | 1924 | 97.030579 | 0.010306 | 1.7700% | 1923 | 95.343035 | 0.010488 |
| 1.6165% | 1922 | 93.826314 | 0.010658 | 1.3736% | 1921 | 92.554938 | 0.010804 |
| 2.3393% | 1920 | 90.439281 | 0.011057 | 1.3140% | 1919 | 89.266314 | 0.011202 |
| 0.7676% | 1918 | 88.586287 | 0.011288 | 0.3870% | 1917 | 88.244790 | 0.011332 |
| 1.3274% | 1916 | 87.088743 | 0.011483 | 1.4083% | 1915 | 85.879313 | 0.011644 |
| 1.4458% | 1914 | 84.655364 | 0.011813 | 1.9424% | 1913 | 83.042364 | 0.012042 |
| 1.9857% | 1912 | 81.425521 | 0.012281 | 1.5634% | 1911 | 80.172105 | 0.012473 |
| 1.8169% | 1910 | 78.741438 | 0.012700 | 1.8781% | 1909 | 77.289887 | 0.012938 |
| 2.0082% | 1908 | 75.768278 | 0.013198 | 1.9603% | 1907 | 74.311582 | 0.013457 |
| 1.8264% | 1906 | 72.978732 | 0.013703 | 1.9357% | 1905 | 71.592928 | 0.013968 |
| 2.0148% | 1904 | 70.178937 | 0.014249 | 2.1335% | 1903 | 68.712929 | 0.014553 |
| 1.8151% | 1902 | 67.487922 | 0.014817 | 1.8943% | 1901 | 66.233234 | 0.015098 |
| 3.0255% | 1900 | 64.288194 | 0.015555 | 0.6278% | 1899 | 63.887086 | 0.015653 |
| 1.7757% | 1898 | 62.772463 | 0.015931 | 1.8078% | 1897 | 61.657841 | 0.016219 |
| 1.8396% | 1896 | 60.544072 | 0.016517 | 1.8755% | 1895 | 59.429450 | 0.016827 |
| 1.9114% | 1894 | 58.314827 | 0.017148 | 1.9486% | 1893 | 57.200205 | 0.017482 |
| 1.9858% | 1892 | 56.086437 | 0.017830 | 2.0276% | 1891 | 54.971814 | 0.018191 |
| 2.6465% | 1890 | 53.554486 | 0.018673 | 1.5328% | 1889 | 52.745986 | 0.018959 |
| 2.0811% | 1888 | 51.670653 | 0.019353 | 2.1599% | 1887 | 50.578237 | 0.019771 |
| 2.2075% | 1886 | 49.485822 | 0.020208 | 2.2592% | 1885 | 48.392552 | 0.020664 |
| 2.3095% | 1884 | 47.300137 | 0.021142 | 2.3641% | 1883 | 46.207721 | 0.021641 |
| 2.4214% | 1882 | 45.115306 | 0.022165 | 2.4815% | 1881 | 44.022890 | 0.022715 |
| 3.7644% | 1880 | 42.425815 | 0.023571 | 0.9432% | 1879 | 42.029382 | 0.023793 |
| 2.1464% | 1878 | 41.146225 | 0.024304 | 2.1913% | 1877 | 40.263922 | 0.024836 |
| 2.2426% | 1876 | 39.380765 | 0.025393 | 2.2941% | 1875 | 38.497608 | 0.025976 |
| 2.3456% | 1874 | 37.615306 | 0.026585 | 2.4043% | 1873 | 36.732149 | 0.027224 |

| | | | | | | | |
|----------|------|-----------|----------|----------|------|-----------|----------|
| 2.4635% | 1872 | 35.848992 | 0.027895 | 2.5258% | 1871 | 34.965835 | 0.028599 |
| 5.9947% | 1870 | 32.988294 | 0.030314 | -1.0968% | 1869 | 33.354117 | 0.029981 |
| 2.1930% | 1868 | 32.638367 | 0.030639 | 2.2394% | 1867 | 31.923471 | 0.031325 |
| 2.2935% | 1866 | 31.207721 | 0.032043 | 2.3445% | 1865 | 30.492825 | 0.032795 |
| 2.4037% | 1864 | 29.777076 | 0.033583 | 2.4599% | 1863 | 29.062180 | 0.034409 |
| 2.5250% | 1862 | 28.346430 | 0.035278 | 2.5872% | 1861 | 27.631534 | 0.036191 |
| 2.9504% | 1860 | 26.839655 | 0.037258 | 2.4012% | 1859 | 26.210284 | 0.038153 |
| 2.7627% | 1858 | 25.505637 | 0.039207 | 2.8412% | 1857 | 24.800991 | 0.040321 |
| 2.9243% | 1856 | 24.096344 | 0.041500 | 3.0161% | 1855 | 23.390844 | 0.042752 |
| 3.1061% | 1854 | 22.686197 | 0.044080 | 3.2056% | 1853 | 21.981551 | 0.045493 |
| 3.3118% | 1852 | 21.276905 | 0.046999 | 3.4252% | 1851 | 20.572258 | 0.048609 |
| 4.0106% | 1850 | 19.779001 | 0.050559 | 2.3254% | 1849 | 19.329518 | 0.051734 |
| 2.7841% | 1848 | 18.805945 | 0.053175 | 2.8590% | 1847 | 18.283225 | 0.054695 |
| 2.9432% | 1846 | 17.760506 | 0.056305 | 3.0324% | 1845 | 17.237786 | 0.058012 |
| 3.1325% | 1844 | 16.714213 | 0.059829 | 3.2284% | 1843 | 16.191493 | 0.061761 |
| 3.3361% | 1842 | 15.668773 | 0.063821 | 3.4512% | 1841 | 15.146054 | 0.066024 |
| 3.8105% | 1840 | 14.590100 | 0.068540 | 2.3861% | 1839 | 14.250085 | 0.070175 |
| 2.5824% | 1838 | 13.891356 | 0.071987 | 2.6573% | 1837 | 13.531773 | 0.073900 |
| 2.7232% | 1836 | 13.173044 | 0.075913 | 2.7994% | 1835 | 12.814315 | 0.078038 |
| 2.8871% | 1834 | 12.454732 | 0.080291 | 2.9657% | 1833 | 12.096003 | 0.082672 |
| 3.0563% | 1832 | 11.737274 | 0.085199 | 3.1604% | 1831 | 11.377690 | 0.087891 |
| 3.4660% | 1830 | 10.996554 | 0.090938 | 2.4653% | 1829 | 10.731978 | 0.093179 |
| 2.6804% | 1828 | 10.451828 | 0.095677 | 10.3427% | 1827 | 9.472156 | 0.105573 |
| -4.2314% | 1826 | 9.890673 | 0.101105 | 2.9150% | 1825 | 9.610523 | 0.104053 |
| 3.0026% | 1824 | 9.330372 | 0.107177 | 3.0955% | 1823 | 9.050222 | 0.110495 |
| 3.1944% | 1822 | 8.770072 | 0.114024 | 3.3102% | 1821 | 8.489067 | 0.117799 |
| 3.2277% | 1820 | 8.223630 | 0.121601 | 2.6573% | 1819 | 8.010762 | 0.124832 |
| 2.6261% | 1818 | 7.805774 | 0.128110 | 2.6969% | 1817 | 7.600786 | 0.131565 |
| 2.7717% | 1816 | 7.395798 | 0.135212 | 2.8507% | 1815 | 7.190810 | 0.139066 |
| 2.9343% | 1814 | 6.985822 | 0.143147 | 3.0231% | 1813 | 6.780834 | 0.147474 |

| | | | | | | | |
|----------|------|----------|-----------|----------|------|----------|----------|
| 3.1039% | 1812 | 6.576700 | 0.152052 | 3.2172% | 1811 | 6.371712 | 0.156944 |
| 3.0969% | 1810 | 6.180313 | 0.161804 | 2.9144% | 1809 | 6.005296 | 0.166520 |
| 2.8225% | 1808 | 5.840451 | 0.171220 | 2.9199% | 1807 | 5.674752 | 0.176219 |
| 2.9918% | 1806 | 5.509908 | 0.181491 | 3.0841% | 1805 | 5.345063 | 0.187089 |
| 3.1822% | 1804 | 5.180219 | 0.193042 | 3.2868% | 1803 | 5.015374 | 0.199387 |
| 3.3985% | 1802 | 4.850530 | 0.206163 | 3.5180% | 1801 | 4.685685 | 0.213416 |
| 3.3999% | 1800 | 4.531613 | 0.220672 | 2.8419% | 1799 | 4.406389 | 0.226943 |
| 2.7485% | 1798 | 4.288521 | 0.233181 | 2.8261% | 1797 | 4.170653 | 0.239771 |
| 3.7832% | 1796 | 4.018620 | 0.248842 | 2.1272% | 1795 | 3.934916 | 0.254135 |
| 3.0879% | 1794 | 3.817048 | 0.261983 | 3.1625% | 1793 | 3.700034 | 0.270268 |
| 3.2904% | 1792 | 3.582166 | 0.279161 | 3.4024% | 1791 | 3.464298 | 0.288659 |
| 3.2296% | 1790 | 3.355916 | 0.297981 | 41.3145% | 1780 | 2.374786 | 0.421090 |
| 29.4353% | 1770 | 1.834728 | 0.545040 | 83.4728% | 1750 | 1.000000 | 1.000000 |
| 29.2845% | 1740 | 0.773488 | 1.292845 | 94.2514% | 1720 | 0.398189 | 2.511369 |
| 85.8111% | 1700 | 0.214298 | 4.666401 | 19.2490% | 1690 | 0.179706 | 5.564639 |
| 88.0250% | 1670 | 0.095576 | 10.462913 | | | | |

BASE YEAR: 1740

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|---------|------------|------------|----------|---------|------------|------------|----------|
| 2009 | 332.851534 | 0.003004 | 8.2857% | 2001 | 307.382839 | 0.003253 | |
| 1.0000% | 2000 | 304.339413 | 0.003286 | 1.0000% | 1999 | 301.326151 | 0.003319 |
| 1.0000% | 1998 | 298.342723 | 0.003352 | 1.0000% | 1997 | 295.388835 | 0.003385 |
| 1.0000% | 1996 | 292.464193 | 0.003419 | 1.0000% | 1995 | 289.568507 | 0.003453 |
| 0.9992% | 1994 | 286.703701 | 0.003488 | 1.0008% | 1993 | 283.862864 | 0.003523 |
| 1.0000% | 1992 | 281.052341 | 0.003558 | 0.9295% | 1991 | 278.464002 | 0.003591 |
| 1.2505% | 1990 | 275.024775 | 0.003636 | 0.7224% | 1989 | 273.052120 | 0.003662 |
| 1.1077% | 1988 | 270.060733 | 0.003703 | 0.8834% | 1987 | 267.696003 | 0.003736 |
| 0.5594% | 1986 | 266.206935 | 0.003756 | 1.3056% | 1985 | 262.776060 | 0.003806 |
| 0.7673% | 1984 | 260.775177 | 0.003835 | 0.8149% | 1983 | 258.667182 | 0.003866 |

0.9737% 1982 256.172703 0.003904 0.9508% 1981 253.759938 0.003941
0.9031% 1980 251.488828 0.003976 2.2701% 1979 245.906581 0.004067
1.0042% 1978 243.461793 0.004107 0.9896% 1977 241.076082 0.004148
0.9103% 1976 238.901281 0.004186 0.8394% 1975 236.912544 0.004221
0.9042% 1974 234.789642 0.004259 1.1568% 1973 232.104682 0.004308
0.9427% 1972 229.937058 0.004349 0.7426% 1971 228.242049 0.004381
1.4697% 1970 224.936080 0.004446 0.6968% 1969 223.379527 0.004477
0.8565% 1968 221.482443 0.004515 1.5090% 1967 218.189874 0.004583
0.9949% 1966 216.040470 0.004629 1.0575% 1965 213.779814 0.004678
1.1300% 1964 211.391067 0.004731 1.5537% 1963 208.157023 0.004804
1.4658% 1962 205.149901 0.004874 1.5364% 1961 202.045605 0.004949
2.1586% 1960 197.776327 0.005056 -1.6655% 1959 201.126049 0.004972
4.3080% 1958 192.819402 0.005186 2.1130% 1957 188.829505 0.005296
1.9895% 1956 185.146036 0.005401 2.1231% 1955 181.296930 0.005516
1.4496% 1954 178.706383 0.005596 2.1573% 1953 174.932641 0.005716
1.2298% 1952 172.807531 0.005787 1.6814% 1951 169.950033 0.005884
1.6233% 1950 167.235347 0.005980 1.4265% 1949 164.883227 0.006065
1.7790% 1948 162.001159 0.006173 1.8242% 1947 159.098940 0.006285
-2.6320% 1946 163.399680 0.006120 3.1768% 1945 158.368623 0.006314
6.4754% 1944 148.737266 0.006723 -0.3437% 1943 149.250203 0.006700
0.6562% 1942 148.277174 0.006744 0.6633% 1941 147.300133 0.006789
-5.6614% 1940 156.139879 0.006405 8.0381% 1939 144.522968 0.006919
0.8126% 1938 143.357995 0.006976 0.7762% 1937 142.253754 0.007030
0.6029% 1936 141.401281 0.007072 0.5244% 1935 140.663648 0.007109
-3.0364% 1934 145.068463 0.006893 4.6271% 1933 138.652827 0.007212
1.3921% 1932 136.749117 0.007313 -0.2051% 1931 137.030146 0.007298
0.8886% 1930 135.823223 0.007363 1.0126% 1929 134.461683 0.007437
1.1526% 1928 132.929549 0.007523 1.2160% 1927 131.332542 0.007614
1.4086% 1926 129.508312 0.007722 1.7667% 1925 127.260027 0.007858
1.4465% 1924 125.445453 0.007972 1.7700% 1923 123.263720 0.008113

| | | | | | | | |
|---------|------|------------|----------|----------|------|------------|----------|
| 1.6165% | 1922 | 121.302836 | 0.008244 | 1.3736% | 1921 | 119.659144 | 0.008357 |
| 2.3393% | 1920 | 116.923929 | 0.008553 | 1.3140% | 1919 | 115.407465 | 0.008665 |
| 0.7676% | 1918 | 114.528296 | 0.008731 | 0.3870% | 1917 | 114.086793 | 0.008765 |
| 1.3274% | 1916 | 112.592204 | 0.008882 | 1.4083% | 1915 | 111.028600 | 0.009007 |
| 1.4458% | 1914 | 109.446223 | 0.009137 | 1.9424% | 1913 | 107.360866 | 0.009314 |
| 1.9857% | 1912 | 105.270539 | 0.009499 | 1.5634% | 1911 | 103.650066 | 0.009648 |
| 1.8169% | 1910 | 101.800437 | 0.009823 | 1.8781% | 1909 | 99.923807 | 0.010008 |
| 2.0082% | 1908 | 97.956603 | 0.010209 | 1.9603% | 1907 | 96.073322 | 0.010409 |
| 1.8264% | 1906 | 94.350155 | 0.010599 | 1.9357% | 1905 | 92.558525 | 0.010804 |
| 2.0148% | 1904 | 90.730455 | 0.011022 | 2.1335% | 1903 | 88.835134 | 0.011257 |
| 1.8151% | 1902 | 87.251390 | 0.011461 | 1.8943% | 1901 | 85.629273 | 0.011678 |
| 3.0255% | 1900 | 83.114640 | 0.012032 | 0.6278% | 1899 | 82.596069 | 0.012107 |
| 1.7757% | 1898 | 81.155035 | 0.012322 | 1.8078% | 1897 | 79.714002 | 0.012545 |
| 1.8396% | 1896 | 78.274072 | 0.012776 | 1.8755% | 1895 | 76.833039 | 0.013015 |
| 1.9114% | 1894 | 75.392005 | 0.013264 | 1.9486% | 1893 | 73.950972 | 0.013522 |
| 1.9858% | 1892 | 72.511042 | 0.013791 | 2.0276% | 1891 | 71.070009 | 0.014071 |
| 2.6465% | 1890 | 69.237624 | 0.014443 | 1.5328% | 1889 | 68.192359 | 0.014664 |
| 2.0811% | 1888 | 66.802120 | 0.014970 | 2.1599% | 1887 | 65.389797 | 0.015293 |
| 2.2075% | 1886 | 63.977473 | 0.015631 | 2.2592% | 1885 | 62.564046 | 0.015984 |
| 2.3095% | 1884 | 61.151723 | 0.016353 | 2.3641% | 1883 | 59.739399 | 0.016739 |
| 2.4214% | 1882 | 58.327076 | 0.017145 | 2.4815% | 1881 | 56.914753 | 0.017570 |
| 3.7644% | 1880 | 54.849982 | 0.018232 | 0.9432% | 1879 | 54.337456 | 0.018404 |
| 2.1464% | 1878 | 53.195671 | 0.018799 | 2.1913% | 1877 | 52.054991 | 0.019210 |
| 2.2426% | 1876 | 50.913207 | 0.019641 | 2.2941% | 1875 | 49.771422 | 0.020092 |
| 2.3456% | 1874 | 48.630742 | 0.020563 | 2.4043% | 1873 | 47.488958 | 0.021058 |
| 2.4635% | 1872 | 46.347173 | 0.021576 | 2.5258% | 1871 | 45.205389 | 0.022121 |
| 5.9947% | 1870 | 42.648736 | 0.023447 | -1.0968% | 1869 | 43.121687 | 0.023190 |
| 2.1930% | 1868 | 42.196334 | 0.023699 | 2.2394% | 1867 | 41.272085 | 0.024229 |
| 2.2935% | 1866 | 40.346731 | 0.024785 | 2.3445% | 1865 | 39.422482 | 0.025366 |
| 2.4037% | 1864 | 38.497129 | 0.025976 | 2.4599% | 1863 | 37.572880 | 0.026615 |

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|----------|------|-----------|----------|----------|------|-----------|----------|
| 2.5250% | 1862 | 36.647527 | 0.027287 | 2.5872% | 1861 | 35.723277 | 0.027993 |
| 2.9504% | 1860 | 34.699501 | 0.028819 | 2.4012% | 1859 | 33.885822 | 0.029511 |
| 2.7627% | 1858 | 32.974823 | 0.030326 | 2.8412% | 1857 | 32.063825 | 0.031188 |
| 2.9243% | 1856 | 31.152827 | 0.032100 | 3.0161% | 1855 | 30.240724 | 0.033068 |
| 3.1061% | 1854 | 29.329726 | 0.034095 | 3.2056% | 1853 | 28.418728 | 0.035188 |
| 3.3118% | 1852 | 27.507730 | 0.036353 | 3.4252% | 1851 | 26.596731 | 0.037599 |
| 4.0106% | 1850 | 25.571173 | 0.039107 | 2.3254% | 1849 | 24.990062 | 0.040016 |
| 2.7841% | 1848 | 24.313163 | 0.041130 | 2.8590% | 1847 | 23.637367 | 0.042306 |
| 2.9432% | 1846 | 22.961572 | 0.043551 | 3.0324% | 1845 | 22.285777 | 0.044872 |
| 3.1325% | 1844 | 21.608878 | 0.046277 | 3.2284% | 1843 | 20.933083 | 0.047771 |
| 3.3361% | 1842 | 20.257288 | 0.049365 | 3.4512% | 1841 | 19.581493 | 0.051069 |
| 3.8105% | 1840 | 18.862731 | 0.053015 | 2.3861% | 1839 | 18.423145 | 0.054280 |
| 2.5824% | 1838 | 17.959364 | 0.055681 | 2.6573% | 1837 | 17.494479 | 0.057161 |
| 2.7232% | 1836 | 17.030698 | 0.058717 | 2.7994% | 1835 | 16.566917 | 0.060361 |
| 2.8871% | 1834 | 16.102032 | 0.062104 | 2.9657% | 1833 | 15.638251 | 0.063946 |
| 3.0563% | 1832 | 15.174470 | 0.065900 | 3.1604% | 1831 | 14.709585 | 0.067983 |
| 3.4660% | 1830 | 14.216834 | 0.070339 | 2.4653% | 1829 | 13.874779 | 0.072073 |
| 2.6804% | 1828 | 13.512588 | 0.074005 | 10.3427% | 1827 | 12.246025 | 0.081659 |
| -4.2314% | 1826 | 12.787102 | 0.078204 | 2.9150% | 1825 | 12.424912 | 0.080483 |
| 3.0026% | 1824 | 12.062721 | 0.082900 | 3.0955% | 1823 | 11.700530 | 0.085466 |
| 3.1944% | 1822 | 11.338339 | 0.088196 | 3.3102% | 1821 | 10.975044 | 0.091116 |
| 3.2277% | 1820 | 10.631875 | 0.094057 | 2.6573% | 1819 | 10.356670 | 0.096556 |
| 2.6261% | 1818 | 10.091652 | 0.099092 | 2.6969% | 1817 | 9.826634 | 0.101764 |
| 2.7717% | 1816 | 9.561617 | 0.104585 | 2.8507% | 1815 | 9.296599 | 0.107566 |
| 2.9343% | 1814 | 9.031581 | 0.110723 | 3.0231% | 1813 | 8.766564 | 0.114070 |
| 3.1039% | 1812 | 8.502650 | 0.117610 | 3.2172% | 1811 | 8.237633 | 0.121394 |
| 3.0969% | 1810 | 7.990183 | 0.125154 | 2.9144% | 1809 | 7.763913 | 0.128801 |
| 2.8225% | 1808 | 7.550795 | 0.132436 | 2.9199% | 1807 | 7.336572 | 0.136303 |
| 2.9918% | 1806 | 7.123454 | 0.140381 | 3.0841% | 1805 | 6.910336 | 0.144711 |
| 3.1822% | 1804 | 6.697217 | 0.149316 | 3.2868% | 1803 | 6.484099 | 0.154223 |

| | | | | | | | |
|----------|------|----------|----------|----------|------|----------|----------|
| 3.3985% | 1802 | 6.270981 | 0.159465 | 3.5180% | 1801 | 6.057862 | 0.165075 |
| 3.3999% | 1800 | 5.858670 | 0.170687 | 2.8419% | 1799 | 5.696776 | 0.175538 |
| 2.7485% | 1798 | 5.544390 | 0.180362 | 2.8261% | 1797 | 5.392005 | 0.185460 |
| 3.7832% | 1796 | 5.195451 | 0.192476 | 2.1272% | 1795 | 5.087235 | 0.196570 |
| 3.0879% | 1794 | 4.934850 | 0.202640 | 3.1625% | 1793 | 4.783569 | 0.209049 |
| 3.2904% | 1792 | 4.631184 | 0.215928 | 3.4024% | 1791 | 4.478799 | 0.223274 |
| 3.2296% | 1790 | 4.338678 | 0.230485 | 41.3145% | 1780 | 3.070230 | 0.325709 |
| 29.4353% | 1770 | 2.372019 | 0.421582 | 83.4728% | 1750 | 1.292845 | 0.773488 |
| 29.2845% | 1740 | 1.000000 | 1.000000 | 94.2514% | 1720 | 0.514797 | 1.942514 |
| 85.8111% | 1700 | 0.277054 | 3.609406 | 19.2490% | 1690 | 0.232332 | 4.304183 |
| 88.0250% | 1670 | 0.123564 | 8.092940 | | | | |

BASE YEAR: 1720

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|---------|------------|------------|----------|---------|------------|------------|----------|
| 2009 | 646.568745 | 0.001547 | 8.2857% | 2001 | 597.095450 | 0.001675 | |
| 1.0000% | 2000 | 591.183552 | 0.001692 | 1.0000% | 1999 | 585.330249 | 0.001708 |
| 1.0000% | 1998 | 579.534899 | 0.001726 | 1.0000% | 1997 | 573.796931 | 0.001743 |
| 1.0000% | 1996 | 568.115772 | 0.001760 | 1.0000% | 1995 | 562.490862 | 0.001778 |
| 0.9992% | 1994 | 556.925937 | 0.001796 | 1.0008% | 1993 | 551.407572 | 0.001814 |
| 1.0000% | 1992 | 545.948091 | 0.001832 | 0.9295% | 1991 | 540.920206 | 0.001849 |
| 1.2505% | 1990 | 534.239459 | 0.001872 | 0.7224% | 1989 | 530.407550 | 0.001885 |
| 1.1077% | 1988 | 524.596740 | 0.001906 | 0.8834% | 1987 | 520.003218 | 0.001923 |
| 0.5594% | 1986 | 517.110682 | 0.001934 | 1.3056% | 1985 | 510.446160 | 0.001959 |
| 0.7673% | 1984 | 506.559417 | 0.001974 | 0.8149% | 1983 | 502.464607 | 0.001990 |
| 0.9737% | 1982 | 497.619048 | 0.002010 | 0.9508% | 1981 | 492.932218 | 0.002029 |
| 0.9031% | 1980 | 488.520556 | 0.002047 | 2.2701% | 1979 | 477.676963 | 0.002093 |
| 1.0042% | 1978 | 472.927928 | 0.002114 | 0.9896% | 1977 | 468.293651 | 0.002135 |
| 0.9103% | 1976 | 464.069069 | 0.002155 | 0.8394% | 1975 | 460.205920 | 0.002173 |
| 0.9042% | 1974 | 456.082154 | 0.002193 | 1.1568% | 1973 | 450.866581 | 0.002218 |

0.9427% 1972 446.655942 0.002239 0.7426% 1971 443.363363 0.002255
1.4697% 1970 436.941471 0.002289 0.6968% 1969 433.917846 0.002305
0.8565% 1968 430.232733 0.002324 1.5090% 1967 423.836873 0.002359
0.9949% 1966 419.661626 0.002383 1.0575% 1965 415.270270 0.002408
1.1300% 1964 410.630094 0.002435 1.5537% 1963 404.347919 0.002473
1.4658% 1962 398.506542 0.002509 1.5364% 1961 392.476405 0.002548
2.1586% 1960 384.183273 0.002603 -1.6655% 1959 390.690154 0.002560
4.3080% 1958 374.554376 0.002670 2.1130% 1957 366.803947 0.002726
1.9895% 1956 359.648756 0.002780 2.1231% 1955 352.171815 0.002840
1.4496% 1954 347.139640 0.002881 2.1573% 1953 339.809095 0.002943
1.2298% 1952 335.681038 0.002979 1.6814% 1951 330.130309 0.003029
1.6233% 1950 324.856993 0.003078 1.4265% 1949 320.287967 0.003122
1.7790% 1948 314.689511 0.003178 1.8242% 1947 309.051909 0.003236
-2.6320% 1946 317.406156 0.003151 3.1768% 1945 307.633258 0.003251
6.4754% 1944 288.924213 0.003461 -0.3437% 1943 289.920601 0.003449
0.6562% 1942 288.030478 0.003472 0.6633% 1941 286.132561 0.003495
-5.6614% 1940 303.303891 0.003297 8.0381% 1939 280.737881 0.003562
0.8126% 1938 278.474903 0.003591 0.7762% 1937 276.329901 0.003619
0.6029% 1936 274.673960 0.003641 0.5244% 1935 273.241098 0.003660
-3.0364% 1934 281.797512 0.003549 4.6271% 1933 269.335049 0.003713
1.3921% 1932 265.637066 0.003765 -0.2051% 1931 266.182969 0.003757
0.8886% 1930 263.838505 0.003790 1.0126% 1929 261.193694 0.003829
1.1526% 1928 258.217503 0.003873 1.2160% 1927 255.115294 0.003920
1.4086% 1926 251.571701 0.003975 1.7667% 1925 247.204376 0.004045
1.4465% 1924 243.679541 0.004104 1.7700% 1923 239.441495 0.004176
1.6165% 1922 235.632450 0.004244 1.3736% 1921 232.439556 0.004302
2.3393% 1920 227.126362 0.004403 1.3140% 1919 224.180609 0.004461
0.7676% 1918 222.472812 0.004495 0.3870% 1917 221.615187 0.004512
1.3274% 1916 218.711926 0.004572 1.4083% 1915 215.674603 0.004637
1.4458% 1914 212.600815 0.004704 1.9424% 1913 208.549979 0.004795

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|---------|------|------------|----------|----------|------|------------|----------|
| 1.9857% | 1912 | 204.489489 | 0.004890 | 1.5634% | 1911 | 201.341699 | 0.004967 |
| 1.8169% | 1910 | 197.748769 | 0.005057 | 1.8781% | 1909 | 194.103389 | 0.005152 |
| 2.0082% | 1908 | 190.282068 | 0.005255 | 1.9603% | 1907 | 186.623767 | 0.005358 |
| 1.8264% | 1906 | 183.276491 | 0.005456 | 1.9357% | 1905 | 179.796225 | 0.005562 |
| 2.0148% | 1904 | 176.245174 | 0.005674 | 2.1335% | 1903 | 172.563486 | 0.005795 |
| 1.8151% | 1902 | 169.487042 | 0.005900 | 1.8943% | 1901 | 166.336057 | 0.006012 |
| 3.0255% | 1900 | 161.451347 | 0.006194 | 0.6278% | 1899 | 160.444015 | 0.006233 |
| 1.7757% | 1898 | 157.644788 | 0.006343 | 1.8078% | 1897 | 154.845560 | 0.006458 |
| 1.8396% | 1896 | 152.048477 | 0.006577 | 1.8755% | 1895 | 149.249249 | 0.006700 |
| 1.9114% | 1894 | 146.450021 | 0.006828 | 1.9486% | 1893 | 143.650794 | 0.006961 |
| 1.9858% | 1892 | 140.853711 | 0.007100 | 2.0276% | 1891 | 138.054483 | 0.007244 |
| 2.6465% | 1890 | 134.495049 | 0.007435 | 1.5328% | 1889 | 132.464607 | 0.007549 |
| 2.0811% | 1888 | 129.764050 | 0.007706 | 2.1599% | 1887 | 127.020592 | 0.007873 |
| 2.2075% | 1886 | 124.277134 | 0.008047 | 2.2592% | 1885 | 121.531532 | 0.008228 |
| 2.3095% | 1884 | 118.788074 | 0.008418 | 2.3641% | 1883 | 116.044616 | 0.008617 |
| 2.4214% | 1882 | 113.301158 | 0.008826 | 2.4815% | 1881 | 110.557701 | 0.009045 |
| 3.7644% | 1880 | 106.546855 | 0.009386 | 0.9432% | 1879 | 105.551266 | 0.009474 |
| 2.1464% | 1878 | 103.333333 | 0.009677 | 2.1913% | 1877 | 101.117546 | 0.009889 |
| 2.2426% | 1876 | 98.899614 | 0.010111 | 2.2941% | 1875 | 96.681682 | 0.010343 |
| 2.3456% | 1874 | 94.465894 | 0.010586 | 2.4043% | 1873 | 92.247962 | 0.010840 |
| 2.4635% | 1872 | 90.030030 | 0.011107 | 2.5258% | 1871 | 87.812098 | 0.011388 |
| 5.9947% | 1870 | 82.845764 | 0.012071 | -1.0968% | 1869 | 83.764479 | 0.011938 |
| 2.1930% | 1868 | 81.966967 | 0.012200 | 2.2394% | 1867 | 80.171600 | 0.012473 |
| 2.2935% | 1866 | 78.374088 | 0.012759 | 2.3445% | 1865 | 76.578722 | 0.013058 |
| 2.4037% | 1864 | 74.781210 | 0.013372 | 2.4599% | 1863 | 72.985843 | 0.013701 |
| 2.5250% | 1862 | 71.188331 | 0.014047 | 2.5872% | 1861 | 69.392964 | 0.014411 |
| 2.9504% | 1860 | 67.404264 | 0.014836 | 2.4012% | 1859 | 65.823681 | 0.015192 |
| 2.7627% | 1858 | 64.054054 | 0.015612 | 2.8412% | 1857 | 62.284427 | 0.016055 |
| 2.9243% | 1856 | 60.514801 | 0.016525 | 3.0161% | 1855 | 58.743029 | 0.017023 |
| 3.1061% | 1854 | 56.973402 | 0.017552 | 3.2056% | 1853 | 55.203775 | 0.018115 |

| | | | | | | | |
|----------|------|-----------|----------|----------|------|-----------|----------|
| 3.3118% | 1852 | 53.434148 | 0.018715 | 3.4252% | 1851 | 51.664522 | 0.019356 |
| 4.0106% | 1850 | 49.672360 | 0.020132 | 2.3254% | 1849 | 48.543544 | 0.020600 |
| 2.7841% | 1848 | 47.228657 | 0.021174 | 2.8590% | 1847 | 45.915916 | 0.021779 |
| 2.9432% | 1846 | 44.603175 | 0.022420 | 3.0324% | 1845 | 43.290433 | 0.023100 |
| 3.1325% | 1844 | 41.975547 | 0.023823 | 3.2284% | 1843 | 40.662806 | 0.024592 |
| 3.3361% | 1842 | 39.350064 | 0.025413 | 3.4512% | 1841 | 38.037323 | 0.026290 |
| 3.8105% | 1840 | 36.641118 | 0.027292 | 2.3861% | 1839 | 35.787216 | 0.027943 |
| 2.5824% | 1838 | 34.886315 | 0.028665 | 2.6573% | 1837 | 33.983269 | 0.029426 |
| 2.7232% | 1836 | 33.082368 | 0.030228 | 2.7994% | 1835 | 32.181467 | 0.031074 |
| 2.8871% | 1834 | 31.278421 | 0.031971 | 2.9657% | 1833 | 30.377520 | 0.032919 |
| 3.0563% | 1832 | 29.476619 | 0.033925 | 3.1604% | 1831 | 28.573574 | 0.034997 |
| 3.4660% | 1830 | 27.616399 | 0.036210 | 2.4653% | 1829 | 26.951952 | 0.037103 |
| 2.6804% | 1828 | 26.248391 | 0.038098 | 10.3427% | 1827 | 23.788074 | 0.042038 |
| -4.2314% | 1826 | 24.839125 | 0.040259 | 2.9150% | 1825 | 24.135564 | 0.041433 |
| 3.0026% | 1824 | 23.432003 | 0.042677 | 3.0955% | 1823 | 22.728443 | 0.043998 |
| 3.1944% | 1822 | 22.024882 | 0.045403 | 3.3102% | 1821 | 21.319176 | 0.046906 |
| 3.2277% | 1820 | 20.652565 | 0.048420 | 2.6573% | 1819 | 20.117975 | 0.049707 |
| 2.6261% | 1818 | 19.603175 | 0.051012 | 2.6969% | 1817 | 19.088374 | 0.052388 |
| 2.7717% | 1816 | 18.573574 | 0.053840 | 2.8507% | 1815 | 18.058773 | 0.055375 |
| 2.9343% | 1814 | 17.543973 | 0.057000 | 3.0231% | 1813 | 17.029172 | 0.058723 |
| 3.1039% | 1812 | 16.516517 | 0.060545 | 3.2172% | 1811 | 16.001716 | 0.062493 |
| 3.0969% | 1810 | 15.521042 | 0.064429 | 2.9144% | 1809 | 15.081510 | 0.066306 |
| 2.8225% | 1808 | 14.667525 | 0.068178 | 2.9199% | 1807 | 14.251394 | 0.070169 |
| 2.9918% | 1806 | 13.837409 | 0.072268 | 3.0841% | 1805 | 13.423423 | 0.074497 |
| 3.1822% | 1804 | 13.009438 | 0.076867 | 3.2868% | 1803 | 12.595453 | 0.079394 |
| 3.3985% | 1802 | 12.181467 | 0.082092 | 3.5180% | 1801 | 11.767482 | 0.084980 |
| 3.3999% | 1800 | 11.380549 | 0.087869 | 2.8419% | 1799 | 11.066066 | 0.090366 |
| 2.7485% | 1798 | 10.770056 | 0.092850 | 2.8261% | 1797 | 10.474045 | 0.095474 |
| 3.7832% | 1796 | 10.092235 | 0.099086 | 2.1272% | 1795 | 9.882025 | 0.101194 |
| 3.0879% | 1794 | 9.586015 | 0.104319 | 3.1625% | 1793 | 9.292149 | 0.107618 |

3.2904% 1792 8.996139 0.111159 3.4024% 1791 8.700129 0.114941
3.2296% 1790 8.427943 0.118653 41.3145% 1780 5.963964 0.167674
29.4353% 1770 4.607679 0.217029 83.4728% 1750 2.511369 0.398189
29.2845% 1740 1.942514 0.514797 94.2514% 1720 1.000000 1.000000
85.8111% 1700 0.538181 1.858111 19.2490% 1690 0.451308 2.215779
88.0250% 1670 0.240026 4.166220

BASE YEAR: 1700

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

2009 1201.396369 0.000832 8.2857% 2001 1109.469506 0.000901
1.0000% 2000 1098.484544 0.000910 1.0000% 1999 1087.608458
0.000919 1.0000% 1998 1076.840056 0.000929 1.0000% 1997
1066.178274 0.000938 1.0000% 1996 1055.622053 0.000947 1.0000%
1995 1045.170347 0.000957 0.9992% 1994 1034.830100 0.000966
1.0008% 1993 1024.576365 0.000976 1.0000% 1992 1014.432045
0.000986 0.9295% 1991 1005.089677 0.000995 1.2505% 1990 992.676110
0.001007 0.7224% 1989 985.555998 0.001015 1.1077% 1988 974.758868
0.001026 0.8834% 1987 966.223595 0.001035 0.5594% 1986 960.848944
0.001041 1.3056% 1985 948.465524 0.001054 0.7673% 1984 941.243523
0.001062 0.8149% 1983 933.634914 0.001071 0.9737% 1982 924.631327
0.001082 0.9508% 1981 915.922678 0.001092 0.9031% 1980 907.725321
0.001102 2.2701% 1979 887.576724 0.001127 1.0042% 1978 878.752491
0.001138 0.9896% 1977 870.141491 0.001149 0.9103% 1976 862.291750
0.001160 0.8394% 1975 855.113591 0.001169 0.9042% 1974 847.451176
0.001180 1.1568% 1973 837.760064 0.001194 0.9427% 1972 829.936230
0.001205 0.7426% 1971 823.818254 0.001214 1.4697% 1970 811.885668
0.001232 0.6968% 1969 806.267437 0.001240 0.8565% 1968 799.420088
0.001251 1.5090% 1967 787.535871 0.001270 0.9949% 1966 779.777800
0.001282 1.0575% 1965 771.618175 0.001296 1.1300% 1964 762.996214
0.001311 1.5537% 1963 751.323236 0.001331 1.4658% 1962 740.469310
0.001350 1.5364% 1961 729.264647 0.001371 2.1586% 1960 713.855090
0.001401 -1.6655% 1959 725.945596 0.001378 4.3080% 1958 695.963531
0.001437 2.1130% 1957 681.562375 0.001467 1.9895% 1956 668.267238
0.001496 2.1231% 1955 654.374253 0.001528 1.4496% 1954 645.023914
0.001550 2.1573% 1953 631.402949 0.001584 1.2298% 1952 623.732563
0.001603 1.6814% 1951 613.418693 0.001630 1.6233% 1950 603.620287
0.001657 1.4265% 1949 595.130530 0.001680 1.7790% 1948 584.727979
0.001710 1.8242% 1947 574.252690 0.001741 -2.6320% 1946 589.775807
0.001696 3.1768% 1945 571.616680 0.001749 6.4754% 1944 536.853200

0.001863 -0.3437% 1943 538.704599 0.001856 0.6562% 1942 535.192543
0.001868 0.6633% 1941 531.666002 0.001881 -5.6614% 1940 563.572236
0.001774 8.0381% 1939 521.642088 0.001917 0.8126% 1938 517.437226
0.001933 0.7762% 1937 513.451574 0.001948 0.6029% 1936 510.374651
0.001959 0.5244% 1935 507.712236 0.001970 -3.0364% 1934 523.611000
0.001910 4.6271% 1933 500.454364 0.001998 1.3921% 1932 493.583101
0.002026 -0.2051% 1931 494.597449 0.002022 0.8886% 1930 490.241176
0.002040 1.0126% 1929 485.326823 0.002060 1.1526% 1928 479.796732
0.002084 1.2160% 1927 474.032483 0.002110 1.4086% 1926 467.448095
0.002139 1.7667% 1925 459.333121 0.002177 1.4465% 1924 452.783587
0.002209 1.7700% 1923 444.908828 0.002248 1.6165% 1922 437.831200
0.002284 1.3736% 1921 431.898450 0.002315 2.3393% 1920 422.025947
0.002370 1.3140% 1919 416.552411 0.002401 0.7676% 1918 413.379135
0.002419 0.3870% 1917 411.785572 0.002428 1.3274% 1916 406.390992
0.002461 1.4083% 1915 400.747310 0.002495 1.4458% 1914 395.035871
0.002531 1.9424% 1913 387.508968 0.002581 1.9857% 1912 379.964129
0.002632 1.5634% 1911 374.115185 0.002673 1.8169% 1910 367.439123
0.002722 1.8781% 1909 360.665604 0.002773 2.0082% 1908 353.565165
0.002828 1.9603% 1907 346.767637 0.002884 1.8264% 1906 340.548027
0.002936 1.9357% 1905 334.081307 0.002993 2.0148% 1904 327.483061
0.003054 2.1335% 1903 320.642077 0.003119 1.8151% 1902 314.925703
0.003175 1.8943% 1901 309.070825 0.003236 3.0255% 1900 299.994492
0.003333 0.6278% 1899 298.122758 0.003354 1.7757% 1898 292.921483
0.003414 1.8078% 1897 287.720207 0.003476 1.8396% 1896 282.522917
0.003540 1.8755% 1895 277.321642 0.003606 1.9114% 1894 272.120367
0.003675 1.9486% 1893 266.919091 0.003746 1.9858% 1892 261.721802
0.003821 2.0276% 1891 256.520526 0.003898 2.6465% 1890 249.906704
0.004001 1.5328% 1889 246.133918 0.004063 2.0811% 1888 241.115982
0.004147 2.1599% 1887 236.018334 0.004237 2.2075% 1886 230.920686
0.004330 2.2592% 1885 225.819051 0.004428 2.3095% 1884 220.721403

0.004531 2.3641% 1883 215.623754 0.004638 2.4214% 1882 210.526106
0.004750 2.4815% 1881 205.428458 0.004868 3.7644% 1880 197.975863
0.005051 0.9432% 1879 196.125947 0.005099 2.1464% 1878 192.004783
0.005208 2.1913% 1877 187.887605 0.005322 2.2426% 1876 183.766441
0.005442 2.2941% 1875 179.645277 0.005567 2.3456% 1874 175.528099
0.005697 2.4043% 1873 171.406935 0.005834 2.4635% 1872 167.285771
0.005978 2.5258% 1871 163.164607 0.006129 5.9947% 1870 153.936608
0.006496 -1.0968% 1869 155.643683 0.006425 2.1930% 1868 152.303707
0.006566 2.2394% 1867 148.967716 0.006713 2.2935% 1866 145.627740
0.006867 2.3445% 1865 142.291750 0.007028 2.4037% 1864 138.951774
0.007197 2.4599% 1863 135.615783 0.007374 2.5250% 1862 132.275807
0.007560 2.5872% 1861 128.939817 0.007756 2.9504% 1860 125.244591
0.007984 2.4012% 1859 122.307692 0.008176 2.7627% 1858 119.019530
0.008402 2.8412% 1857 115.731367 0.008641 2.9243% 1856 112.443204
0.008893 3.0161% 1855 109.151056 0.009162 3.1061% 1854 105.862894
0.009446 3.2056% 1853 102.574731 0.009749 3.3118% 1852 99.286568
0.010072 3.4252% 1851 95.998406 0.010417 4.0106% 1850 92.296748
0.010835 2.3254% 1849 90.199283 0.011087 2.7841% 1848 87.756078
0.011395 2.8590% 1847 85.316859 0.011721 2.9432% 1846 82.877640
0.012066 3.0324% 1845 80.438422 0.012432 3.1325% 1844 77.995217
0.012821 3.2284% 1843 75.555998 0.013235 3.3361% 1842 73.116780
0.013677 3.4512% 1841 70.677561 0.014149 3.8105% 1840 68.083256
0.014688 2.3861% 1839 66.496612 0.015038 2.5824% 1838 64.822639
0.015427 2.6573% 1837 63.144679 0.015837 2.7232% 1836 61.470705
0.016268 2.7994% 1835 59.796732 0.016723 2.8871% 1834 58.118772
0.017206 2.9657% 1833 56.444799 0.017716 3.0563% 1832 54.770825
0.018258 3.1604% 1831 53.092866 0.018835 3.4660% 1830 51.314328
0.019488 2.4653% 1829 50.079713 0.019968 2.6804% 1828 48.772419
0.020503 10.3427% 1827 44.200877 0.022624 -4.2314% 1826 46.153846
0.021667 2.9150% 1825 44.846552 0.022298 3.0026% 1824 43.539259

| | | | | | | | |
|----------|----------|------|-----------|----------|----------|------|-----------|
| 0.022968 | 3.0955% | 1823 | 42.231965 | 0.023679 | 3.1944% | 1822 | 40.924671 |
| 0.024435 | 3.3102% | 1821 | 39.613392 | 0.025244 | 3.2277% | 1820 | 38.374755 |
| 0.026059 | 2.6573% | 1819 | 37.381427 | 0.026751 | 2.6261% | 1818 | 36.424870 |
| 0.027454 | 2.6969% | 1817 | 35.468314 | 0.028194 | 2.7717% | 1816 | 34.511758 |
| 0.028976 | 2.8507% | 1815 | 33.555201 | 0.029802 | 2.9343% | 1814 | 32.598645 |
| 0.030676 | 3.0231% | 1813 | 31.642088 | 0.031603 | 3.1039% | 1812 | 30.689518 |
| 0.032584 | 3.2172% | 1811 | 29.732961 | 0.033633 | 3.0969% | 1810 | 28.839817 |
| 0.034674 | 2.9144% | 1809 | 28.023117 | 0.035685 | 2.8225% | 1808 | 27.253886 |
| 0.036692 | 2.9199% | 1807 | 26.480670 | 0.037763 | 2.9918% | 1806 | 25.711439 |
| 0.038893 | 3.0841% | 1805 | 24.942208 | 0.040093 | 3.1822% | 1804 | 24.172977 |
| 0.041369 | 3.2868% | 1803 | 23.403747 | 0.042728 | 3.3985% | 1802 | 22.634516 |
| 0.044180 | 3.5180% | 1801 | 21.865285 | 0.045735 | 3.3999% | 1800 | 21.146321 |
| 0.047290 | 2.8419% | 1799 | 20.561977 | 0.048633 | 2.7485% | 1798 | 20.011957 |
| 0.049970 | 2.8261% | 1797 | 19.461937 | 0.051382 | 3.7832% | 1796 | 18.752491 |
| 0.053326 | 2.1272% | 1795 | 18.361897 | 0.054461 | 3.0879% | 1794 | 17.811877 |
| 0.056142 | 3.1625% | 1793 | 17.265843 | 0.057918 | 3.2904% | 1792 | 16.715823 |
| 0.059824 | 3.4024% | 1791 | 16.165803 | 0.061859 | 3.2296% | 1790 | 15.660052 |
| 0.063857 | 41.3145% | 1780 | 11.081706 | 0.090239 | 29.4353% | 1770 | 8.561578 |
| 0.116801 | 83.4728% | 1750 | 4.666401 | 0.214298 | 29.2845% | 1740 | 3.609406 |
| 0.277054 | 94.2514% | 1720 | 1.858111 | 0.538181 | 85.8111% | 1700 | 1.000000 |
| 1.000000 | 19.2490% | 1690 | 0.838581 | 1.192490 | 88.0250% | 1670 | 0.445994 |
| 2.242181 | | | | | | | |

BASE YEAR: 1690

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2009 | 1432.653750 | 0.000698 | 8.2857% | 2001 | 1323.031839 | 0.000756 |
| 1.0000% | 2000 | 1309.932376 | 0.000763 | 1.0000% | 1999 | 1296.962747 |
| 0.000771 | 1.0000% | 1998 | 1284.121530 | 0.000779 | 1.0000% | 1997 |
| 1271.407457 | 0.000787 | 1.0000% | 1996 | 1258.819263 | 0.000794 | 1.0000% |

1995 1246.355703 0.000802 0.9992% 1994 1234.025057 0.000810
1.0008% 1993 1221.797576 0.000818 1.0000% 1992 1209.700570
0.000827 0.9295% 1991 1198.559886 0.000834 1.2505% 1990
1183.756825 0.000845 0.7224% 1989 1175.266160 0.000851 1.1077%
1988 1162.390684 0.000860 0.8834% 1987 1152.212452 0.000868
0.5594% 1986 1145.803232 0.000873 1.3056% 1985 1131.036122
0.000884 0.7673% 1984 1122.423954 0.000891 0.8149% 1983
1113.350760 0.000898 0.9737% 1982 1102.614068 0.000907 0.9508%
1981 1092.229087 0.000916 0.9031% 1980 1082.453817 0.000924
2.2701% 1979 1058.426806 0.000945 1.0042% 1978 1047.903992
0.000954 0.9896% 1977 1037.635456 0.000964 0.9103% 1976
1028.274715 0.000973 0.8394% 1975 1019.714829 0.000981 0.9042%
1974 1010.577471 0.000990 1.1568% 1973 999.020913 0.001001 0.9427%
1972 989.691065 0.001010 0.7426% 1971 982.395437 0.001018 1.4697%
1970 968.165941 0.001033 0.6968% 1969 961.466255 0.001040 0.8565%
1968 953.300856 0.001049 1.5090% 1967 939.129040 0.001065 0.9949%
1966 929.877614 0.001075 1.0575% 1965 920.147338 0.001087 1.1300%
1964 909.865732 0.001099 1.5537% 1963 895.945817 0.001116 1.4658%
1962 883.002614 0.001132 1.5364% 1961 869.641160 0.001150 2.1586%
1960 851.265409 0.001175 -1.6655% 1959 865.683222 0.001155 4.3080%
1958 829.929895 0.001205 2.1130% 1957 812.756654 0.001230 1.9895%
1956 796.902329 0.001255 2.1231% 1955 780.335076 0.001282 1.4496%
1954 769.184886 0.001300 2.1573% 1953 752.942015 0.001328 1.2298%
1952 743.795152 0.001344 1.6814% 1951 731.495960 0.001367 1.6233%
1950 719.811454 0.001389 1.4265% 1949 709.687500 0.001409 1.7790%
1948 697.282557 0.001434 1.8242% 1947 684.790875 0.001460 -2.6320%
1946 703.302044 0.001422 3.1768% 1945 681.647457 0.001467 6.4754%
1944 640.192338 0.001562 -0.3437% 1943 642.400114 0.001557 0.6562%
1942 638.212020 0.001567 0.6633% 1941 634.006654 0.001577 -5.6614%
1940 672.054534 0.001488 8.0381% 1939 622.053232 0.001608 0.8126%

1938 617.038973 0.001621 0.7762% 1937 612.286122 0.001633 0.6029%
1936 608.616920 0.001643 0.5244% 1935 605.442015 0.001652 -3.0364%
1934 624.401141 0.001602 4.6271% 1933 596.787072 0.001676 1.3921%
1932 588.593156 0.001699 -0.2051% 1931 589.802757 0.001695 0.8886%
1930 584.607942 0.001711 1.0126% 1929 578.747624 0.001728 1.1526%
1928 572.153042 0.001748 1.2160% 1927 565.279230 0.001769 1.4086%
1926 557.427410 0.001794 1.7667% 1925 547.750380 0.001826 1.4465%
1924 539.940124 0.001852 1.7700% 1923 530.549548 0.001885 1.6165%
1922 522.109544 0.001915 1.3736% 1921 515.034796 0.001942 2.3393%
1920 503.261930 0.001987 1.3140% 1919 496.734791 0.002013 0.7676%
1918 492.950689 0.002029 0.3870% 1917 491.050380 0.002036 1.3274%
1916 484.617395 0.002063 1.4083% 1915 477.887357 0.002093 1.4458%
1914 471.076521 0.002123 1.9424% 1913 462.100760 0.002164 1.9857%
1912 453.103612 0.002207 1.5634% 1911 446.128802 0.002242 1.8169%
1910 438.167662 0.002282 1.8781% 1909 430.090304 0.002325 2.0082%
1908 421.623099 0.002372 1.9603% 1907 413.517110 0.002418 1.8264%
1906 406.100285 0.002462 1.9357% 1905 398.388783 0.002510 2.0148%
1904 390.520437 0.002561 2.1335% 1903 382.362628 0.002615 1.8151%
1902 375.545908 0.002663 1.8943% 1901 368.564021 0.002713 3.0255%
1900 357.740580 0.002795 0.6278% 1899 355.508555 0.002813 1.7757%
1898 349.306084 0.002863 1.8078% 1897 343.103612 0.002915 1.8396%
1896 336.905894 0.002968 1.8755% 1895 330.703422 0.003024 1.9114%
1894 324.500951 0.003082 1.9486% 1893 318.298479 0.003142 1.9858%
1892 312.100760 0.003204 2.0276% 1891 305.898289 0.003269 2.6465%
1890 298.011369 0.003356 1.5328% 1889 293.512357 0.003407 2.0811%
1888 287.528517 0.003478 2.1599% 1887 281.449620 0.003553 2.2075%
1886 275.370722 0.003631 2.2592% 1885 269.287072 0.003714 2.3095%
1884 263.208175 0.003799 2.3641% 1883 257.129278 0.003889 2.4214%
1882 251.050380 0.003983 2.4815% 1881 244.971483 0.004082 3.7644%
1880 236.084335 0.004236 0.9432% 1879 233.878327 0.004276 2.1464%

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|------|------------|----------|----------|------|------------|----------|----------|
| 1878 | 228.963878 | 0.004368 | 2.1913% | 1877 | 224.054183 | 0.004463 | 2.2426% |
| 1876 | 219.139734 | 0.004563 | 2.2941% | 1875 | 214.225285 | 0.004668 | 2.3456% |
| 1874 | 209.315589 | 0.004777 | 2.4043% | 1873 | 204.401141 | 0.004892 | 2.4635% |
| 1872 | 199.486692 | 0.005013 | 2.5258% | 1871 | 194.572243 | 0.005139 | 5.9947% |
| 1870 | 183.567942 | 0.005448 | -1.0968% | 1869 | 185.603612 | 0.005388 | 2.1930% |
| 1868 | 181.620722 | 0.005506 | 2.2394% | 1867 | 177.642586 | 0.005629 | 2.2935% |
| 1866 | 173.659696 | 0.005758 | 2.3445% | 1865 | 169.681559 | 0.005893 | 2.4037% |
| 1864 | 165.698669 | 0.006035 | 2.4599% | 1863 | 161.720532 | 0.006184 | 2.5250% |
| 1862 | 157.737643 | 0.006340 | 2.5872% | 1861 | 153.759506 | 0.006504 | 2.9504% |
| 1860 | 149.352985 | 0.006696 | 2.4012% | 1859 | 145.850760 | 0.006856 | 2.7627% |
| 1858 | 141.929658 | 0.007046 | 2.8412% | 1857 | 138.008555 | 0.007246 | 2.9243% |
| 1856 | 134.087452 | 0.007458 | 3.0161% | 1855 | 130.161597 | 0.007683 | 3.1061% |
| 1854 | 126.240494 | 0.007921 | 3.2056% | 1853 | 122.319392 | 0.008175 | 3.3118% |
| 1852 | 118.398289 | 0.008446 | 3.4252% | 1851 | 114.477186 | 0.008735 | 4.0106% |
| 1850 | 110.062994 | 0.009086 | 2.3254% | 1849 | 107.561787 | 0.009297 | 2.7841% |
| 1848 | 104.648289 | 0.009556 | 2.8590% | 1847 | 101.739544 | 0.009829 | 2.9432% |
| 1846 | 98.830798 | 0.010118 | 3.0324% | 1845 | 95.922053 | 0.010425 | 3.1325% |
| 1844 | 93.008555 | 0.010752 | 3.2284% | 1843 | 90.099810 | 0.011099 | 3.3361% |
| 1842 | 87.191065 | 0.011469 | 3.4512% | 1841 | 84.282319 | 0.011865 | 3.8105% |
| 1840 | 81.188636 | 0.012317 | 2.3861% | 1839 | 79.296578 | 0.012611 | 2.5824% |
| 1838 | 77.300380 | 0.012937 | 2.6573% | 1837 | 75.299430 | 0.013280 | 2.7232% |
| 1836 | 73.303232 | 0.013642 | 2.7994% | 1835 | 71.307034 | 0.014024 | 2.8871% |
| 1834 | 69.306084 | 0.014429 | 2.9657% | 1833 | 67.309886 | 0.014857 | 3.0563% |
| 1832 | 65.313688 | 0.015311 | 3.1604% | 1831 | 63.312738 | 0.015795 | 3.4660% |
| 1830 | 61.191849 | 0.016342 | 2.4653% | 1829 | 59.719582 | 0.016745 | 2.6804% |
| 1828 | 58.160646 | 0.017194 | 10.3427% | 1827 | 52.709125 | 0.018972 | -4.2314% |
| 1826 | 55.038023 | 0.018169 | 2.9150% | 1825 | 53.479087 | 0.018699 | 3.0026% |
| 1824 | 51.920152 | 0.019260 | 3.0955% | 1823 | 50.361217 | 0.019857 | 3.1944% |
| 1822 | 48.802281 | 0.020491 | 3.3102% | 1821 | 47.238593 | 0.021169 | 3.2277% |
| 1820 | 45.761530 | 0.021852 | 2.6573% | 1819 | 44.576996 | 0.022433 | 2.6261% |

| | | | | | | | |
|------|-----------|----------|----------|------|-----------|----------|----------|
| 1818 | 43.436312 | 0.023022 | 2.6969% | 1817 | 42.295627 | 0.023643 | 2.7717% |
| 1816 | 41.154943 | 0.024298 | 2.8507% | 1815 | 40.014259 | 0.024991 | 2.9343% |
| 1814 | 38.873574 | 0.025724 | 3.0231% | 1813 | 37.732890 | 0.026502 | 3.1039% |
| 1812 | 36.596958 | 0.027325 | 3.2172% | 1811 | 35.456274 | 0.028204 | 3.0969% |
| 1810 | 34.391207 | 0.029077 | 2.9144% | 1809 | 33.417300 | 0.029925 | 2.8225% |
| 1808 | 32.500000 | 0.030769 | 2.9199% | 1807 | 31.577947 | 0.031668 | 2.9918% |
| 1806 | 30.660646 | 0.032615 | 3.0841% | 1805 | 29.743346 | 0.033621 | 3.1822% |
| 1804 | 28.826046 | 0.034691 | 3.2868% | 1803 | 27.908745 | 0.035831 | 3.3985% |
| 1802 | 26.991445 | 0.037049 | 3.5180% | 1801 | 26.074144 | 0.038352 | 3.3999% |
| 1800 | 25.216787 | 0.039656 | 2.8419% | 1799 | 24.519962 | 0.040783 | 2.7485% |
| 1798 | 23.864068 | 0.041904 | 2.8261% | 1797 | 23.208175 | 0.043088 | 3.7832% |
| 1796 | 22.362167 | 0.044718 | 2.1272% | 1795 | 21.896388 | 0.045670 | 3.0879% |
| 1794 | 21.240494 | 0.047080 | 3.1625% | 1793 | 20.589354 | 0.048569 | 3.2904% |
| 1792 | 19.933460 | 0.050167 | 3.4024% | 1791 | 19.277567 | 0.051874 | 3.2296% |
| 1790 | 18.674463 | 0.053549 | 41.3145% | 1780 | 13.214829 | 0.075673 | 29.4353% |
| 1770 | 10.209601 | 0.097947 | 83.4728% | 1750 | 5.564639 | 0.179706 | 29.2845% |
| 1740 | 4.304183 | 0.232332 | 94.2514% | 1720 | 2.215779 | 0.451308 | 85.8111% |
| 1700 | 1.192490 | 0.838581 | 19.2490% | 1690 | 1.000000 | 1.000000 | 88.0250% |
| 1670 | 0.531844 | 1.880250 | | | | | |

BASE YEAR: 1670

YEAR BYEAR/AYEAR AYEAR/BYEAR GROWTH%

| | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| 2009 | 2693.747534 | 0.000371 | 8.2857% | 2001 | 2487.630912 | 0.000402 | |
| 1.0000% | 2000 | 2463.000643 | 0.000406 | 1.0000% | 1999 | 2438.614495 | |
| 0.000410 | 1.0000% | 1998 | 2414.469794 | 0.000414 | 1.0000% | 1997 | |
| 2390.564155 | 0.000418 | 1.0000% | 1996 | 2366.895201 | 0.000422 | 1.0000% | |
| 1995 | 2343.460590 | 0.000427 | 0.9992% | 1994 | 2320.275889 | 0.000431 | |
| 1.0008% | 1993 | 2297.285165 | 0.000435 | 1.0000% | 1992 | 2274.539768 | |
| 0.000440 | 0.9295% | 1991 | 2253.592493 | 0.000444 | 1.2505% | 1990 | |

2225.759035 0.000449 0.7224% 1989 2209.794459 0.000453 1.1077%
1988 2185.585344 0.000458 0.8834% 1987 2166.447721 0.000462
0.5594% 1986 2154.396783 0.000464 1.3056% 1985 2126.630920
0.000470 0.7673% 1984 2110.437891 0.000474 0.8149% 1983
2093.378016 0.000478 0.9737% 1982 2073.190349 0.000482 0.9508%
1981 2053.663986 0.000487 0.9031% 1980 2035.284030 0.000491
2.2701% 1979 1990.107239 0.000502 1.0042% 1978 1970.321716
0.000508 0.9896% 1977 1951.014298 0.000513 0.9103% 1976
1933.413762 0.000517 0.8394% 1975 1917.319035 0.000522 0.9042%
1974 1900.138517 0.000526 1.1568% 1973 1878.409294 0.000532
0.9427% 1972 1860.866845 0.000537 0.7426% 1971 1847.149240
0.000541 1.4697% 1970 1820.394227 0.000549 0.6968% 1969
1807.797140 0.000553 0.8565% 1968 1792.444147 0.000558 1.5090%
1967 1765.797587 0.000566 0.9949% 1966 1748.402592 0.000572
1.0575% 1965 1730.107239 0.000578 1.1300% 1964 1710.775246
0.000585 1.5537% 1963 1684.602324 0.000594 1.4658% 1962
1660.265862 0.000602 1.5364% 1961 1635.142985 0.000612 2.1586%
1960 1600.591975 0.000625 -1.6655% 1959 1627.701072 0.000614
4.3080% 1958 1560.475871 0.000641 2.1130% 1957 1528.185880
0.000654 1.9895% 1956 1498.375782 0.000667 2.1231% 1955
1467.225201 0.000682 1.4496% 1954 1446.260054 0.000691 2.1573%
1953 1415.719392 0.000706 1.2298% 1952 1398.521001 0.000715
1.6814% 1951 1375.395442 0.000727 1.6233% 1950 1353.425648
0.000739 1.4265% 1949 1334.390080 0.000749 1.7790% 1948
1311.065684 0.000763 1.8242% 1947 1287.578195 0.000777 -2.6320%
1946 1322.383825 0.000756 3.1768% 1945 1281.667784 0.000780
6.4754% 1944 1203.721787 0.000831 -0.3437% 1943 1207.872958
0.000828 0.6562% 1942 1199.998293 0.000833 0.6633% 1941
1192.091153 0.000839 -5.6614% 1940 1263.630688 0.000791 8.0381%
1939 1169.615728 0.000855 0.8126% 1938 1160.187668 0.000862

0.7762% 1937 1151.251117 0.000869 0.6029% 1936 1144.352100
0.000874 0.5244% 1935 1138.382484 0.000878 -3.0364% 1934
1174.030384 0.000852 4.6271% 1933 1122.109026 0.000891 1.3921%
1932 1106.702413 0.000904 -0.2051% 1931 1108.976765 0.000902
0.8886% 1930 1099.209214 0.000910 1.0126% 1929 1088.190349
0.000919 1.1526% 1928 1075.790885 0.000930 1.2160% 1927
1062.866399 0.000941 1.4086% 1926 1048.103012 0.000954 1.7667%
1925 1029.907775 0.000971 1.4465% 1924 1015.222538 0.000985
1.7700% 1923 997.565907 0.001002 1.6165% 1922 981.696586 0.001019
1.3736% 1921 968.394290 0.001033 2.3393% 1920 946.258356 0.001057
1.3140% 1919 933.985702 0.001071 0.7676% 1918 926.870643 0.001079
0.3870% 1917 923.297587 0.001083 1.3274% 1916 911.201966 0.001097
1.4083% 1915 898.547811 0.001113 1.4458% 1914 885.741734 0.001129
1.9424% 1913 868.865058 0.001151 1.9857% 1912 851.948168 0.001174
1.5634% 1911 838.833780 0.001192 1.8169% 1910 823.864844 0.001214
1.8781% 1909 808.677391 0.001237 2.0082% 1908 792.756926 0.001261
1.9603% 1907 777.515639 0.001286 1.8264% 1906 763.570152 0.001310
1.9357% 1905 749.070599 0.001335 2.0148% 1904 734.276139 0.001362
2.1335% 1903 718.937417 0.001391 1.8151% 1902 706.120277 0.001416
1.8943% 1901 692.992583 0.001443 3.0255% 1900 672.641805 0.001487
0.6278% 1899 668.445040 0.001496 1.7757% 1898 656.782842 0.001523
1.8078% 1897 645.120643 0.001550 1.8396% 1896 633.467382 0.001579
1.8755% 1895 621.805183 0.001608 1.9114% 1894 610.142985 0.001639
1.9486% 1893 598.480786 0.001671 1.9858% 1892 586.827525 0.001704
2.0276% 1891 575.165326 0.001739 2.6465% 1890 560.335943 0.001785
1.5328% 1889 551.876676 0.001812 2.0811% 1888 540.625559 0.001850
2.1599% 1887 529.195710 0.001890 2.2075% 1886 517.765862 0.001931
2.2592% 1885 506.327078 0.001975 2.3095% 1884 494.897230 0.002021
2.3641% 1883 483.467382 0.002068 2.4214% 1882 472.037534 0.002118
2.4815% 1881 460.607685 0.002171 3.7644% 1880 443.897623 0.002253

0.9432% 1879 439.749777 0.002274 2.1464% 1878 430.509383 0.002323
2.1913% 1877 421.277927 0.002374 2.2426% 1876 412.037534 0.002427
2.2941% 1875 402.797140 0.002483 2.3456% 1874 393.565684 0.002541
2.4043% 1873 384.325290 0.002602 2.4635% 1872 375.084897 0.002666
2.5258% 1871 365.844504 0.002733 5.9947% 1870 345.153664 0.002897
-1.0968% 1869 348.981233 0.002865 2.1930% 1868 341.492404 0.002928
2.2394% 1867 334.012511 0.002994 2.2935% 1866 326.523682 0.003063
2.3445% 1865 319.043789 0.003134 2.4037% 1864 311.554960 0.003210
2.4599% 1863 304.075067 0.003289 2.5250% 1862 296.586238 0.003372
2.5872% 1861 289.106345 0.003459 2.9504% 1860 280.820983 0.003561
2.4012% 1859 274.235925 0.003646 2.7627% 1858 266.863271 0.003747
2.8412% 1857 259.490617 0.003854 2.9243% 1856 252.117962 0.003966
3.0161% 1855 244.736372 0.004086 3.1061% 1854 237.363718 0.004213
3.2056% 1853 229.991063 0.004348 3.3118% 1852 222.618409 0.004492
3.4252% 1851 215.245755 0.004646 4.0106% 1850 206.945970 0.004832
2.3254% 1849 202.243074 0.004945 2.7841% 1848 196.764969 0.005082
2.8590% 1847 191.295800 0.005228 2.9432% 1846 185.826631 0.005381
3.0324% 1845 180.357462 0.005545 3.1325% 1844 174.879357 0.005718
3.2284% 1843 169.410188 0.005903 3.3361% 1842 163.941019 0.006100
3.4512% 1841 158.471850 0.006310 3.8105% 1840 152.654951 0.006551
2.3861% 1839 149.097408 0.006707 2.5824% 1838 145.344057 0.006880
2.6573% 1837 141.581769 0.007063 2.7232% 1836 137.828418 0.007255
2.7994% 1835 134.075067 0.007459 2.8871% 1834 130.312779 0.007674
2.9657% 1833 126.559428 0.007901 3.0563% 1832 122.806077 0.008143
3.1604% 1831 119.043789 0.008400 3.4660% 1830 115.055987 0.008691
2.4653% 1829 112.287757 0.008906 2.6804% 1828 109.356568 0.009144
10.3427% 1827 99.106345 0.010090 -4.2314% 1826 103.485255 0.009663
2.9150% 1825 100.554066 0.009945 3.0026% 1824 97.622878 0.010244
3.0955% 1823 94.691689 0.010561 3.1944% 1822 91.760500 0.010898
3.3102% 1821 88.820375 0.011259 3.2277% 1820 86.043128 0.011622

| | | | | | | | |
|----------|------|-----------|----------|----------|------|-----------|----------|
| 2.6573% | 1819 | 83.815907 | 0.011931 | 2.6261% | 1818 | 81.671135 | 0.012244 |
| 2.6969% | 1817 | 79.526363 | 0.012574 | 2.7717% | 1816 | 77.381591 | 0.012923 |
| 2.8507% | 1815 | 75.236819 | 0.013291 | 2.9343% | 1814 | 73.092046 | 0.013681 |
| 3.0231% | 1813 | 70.947274 | 0.014095 | 3.1039% | 1812 | 68.811439 | 0.014532 |
| 3.2172% | 1811 | 66.666667 | 0.015000 | 3.0969% | 1810 | 64.664075 | 0.015465 |
| 2.9144% | 1809 | 62.832887 | 0.015915 | 2.8225% | 1808 | 61.108132 | 0.016364 |
| 2.9199% | 1807 | 59.374441 | 0.016842 | 2.9918% | 1806 | 57.649687 | 0.017346 |
| 3.0841% | 1805 | 55.924933 | 0.017881 | 3.1822% | 1804 | 54.200179 | 0.018450 |
| 3.2868% | 1803 | 52.475424 | 0.019057 | 3.3985% | 1802 | 50.750670 | 0.019704 |
| 3.5180% | 1801 | 49.025916 | 0.020397 | 3.3999% | 1800 | 47.413870 | 0.021091 |
| 2.8419% | 1799 | 46.103664 | 0.021690 | 2.7485% | 1798 | 44.870420 | 0.022286 |
| 2.8261% | 1797 | 43.637176 | 0.022916 | 3.7832% | 1796 | 42.046470 | 0.023783 |
| 2.1272% | 1795 | 41.170688 | 0.024289 | 3.0879% | 1794 | 39.937444 | 0.025039 |
| 3.1625% | 1793 | 38.713137 | 0.025831 | 3.2904% | 1792 | 37.479893 | 0.026681 |
| 3.4024% | 1791 | 36.246649 | 0.027589 | 3.2296% | 1790 | 35.112663 | 0.028480 |
| 41.3145% | 1780 | 24.847185 | 0.040246 | 29.4353% | 1770 | 19.196604 | 0.052093 |
| 83.4728% | 1750 | 10.462913 | 0.095576 | 29.2845% | 1740 | 8.092940 | 0.123564 |
| 94.2514% | 1720 | 4.166220 | 0.240026 | 85.8111% | 1700 | 2.242181 | 0.445994 |
| 19.2490% | 1690 | 1.880250 | 0.531844 | 88.0250% | 1670 | 1.000000 | 1.000000 |

***Footnote #2

All dates other than multiples of 10 [census years] are official estimates

| | | | | | | | | |
|------|-----|--------------|------|--------------|------|--------------|------|--------------|
| 1991 | 7/1 | 252,177,000* | 1991 | 252,688,000A | 1990 | 249,415,000 | 1990 | 249,924,000A |
| 1990 | | 248,709,873 | 1989 | 246,820,000 | 1989 | 247,343,000A | | |
| 1989 | | 247,732,000 | 1988 | 244,534,000 | 1988 | 245,057,000A | 1988 | 244,600,000 |
| 1987 | | 242,651,000 | 1987 | 242,200,000 | 1986 | 241,077,000 | 1985 | 237,200,000 |
| 1985 | | 238,740,000 | 1984 | 236,158,000 | 1983 | 234,249,000 | 1982 | 231,990,000 |
| 1981 | | 229,805,000 | 1980 | 242,321,000 | 1980 | 240,162,000 | 1980 | 237,950,000 |

1980 235,847,000 1980 223,239,000 1980 233,806,000 1980 231,669,000
 1980 229,457,000 1980 227,220,000 1980 242,836,000A 1980
 240,680,000A 1980 238,492,000A 1980 236,370,000A 1980 234,321,000A
 1980 232,192,000A 1980 229,958,000A 1980 227,722,000A 1980
 226,545,805 1979 7/1 224,567,000 1979 7/1 225,055,000A 1979
 220,819,000 1978 7/1 222,095,000 1978 7/1 222,585,000A 1978
 218,863,000 1977 7/1 219,760,000 1977 7/1 220,239,000A 1977
 216,877,000 1976 7/1 217,563,000 1976 7/1 218,035,000A 1976
 215,135,000 1975 7/1 215,465,000 1975 7/1 215,973,000A 1975
 213,631,000 1974 7/1 213,342,000 1974 7/1 213,854,000A 1974
 211,909,000 1973 7/1 209,844,000 1973 7/1 210,396,000A 1973
 210,544,000 1972 7/1 208,230,000 1972 7/1 208,842,000A 1972
 208,232,000 1971 7/1 206,212,000 1971 7/1 207,045,000A 1971
 207,180,000 1970 revised 203,235,298 1970 7/1 203,806,000 1970 7/1
 204,875,000A 1970 203,810,000 1970 4/1 203,211,926 1970 4/1
 204,765,770 1970 203,302,031 1969 201,385,000 1969 202,677,000A 1969
 7/1 201,385,000 1969 7/1 202,677,000A 1969 203,200,000* 1968
 199,399,000 1968 7/1 199,399,000 1968 7/1 200,706,000A 1968
 200,706,000A 1968 201,750,000 1967 200,000,000* 1967 7/1 195,457,000
 1967 7/1 198,712,000A 1967 198,712,000A 1967 197,457,000 1966
 195,857,000 1966 7/1 195,576,000 1966 7/1 196,560,000A 1966
 196,560,000A 1966 195,576,000 1965 7/1 193,526,000 1965 7/1
 194,303,000A 1965 193,818,000 1965 194,303,000A 1965 193,526,000
 1964 191,889,000A 1964 191,141,000 1964 192,320,000 1964 7/1
 191,141,000 1964 7/1 191,889,000A 1963 189,242,000A 1963 188,483,000
 1963 7/1 188,483,000 1963 7/1 189,242,000A 1963 188,531,000 1962
 186,538,000A 1962 185,771,000 1962 185,822,000 1962 7/1 185,771,000
 1962 7/1 186,538,000A 1961 182,992,000 1961 183,691,000A 1961 7/1
 182,992,000 1961 7/1 183,691,000A 1961 182,953,000 7/1/61 est 1960
 180,671,000A 1960 177,135,000 1960 4/1 178,464,236 1960 7/1

179,979,000 1960 7/1 180,671,000A 1960 4/1 179,323,175* 1959
 177,830,000A 1959 177,073,000A 1959 196,289,000 1959 178,000,000*
 1959 7/1 177,135,000 1959 7/1 177,830,000A 1958 174,171,000A 1958
 173,320,000 1958 7/1 174,149,000 1958 7/1 174,882,000A 1958
 175,500,000* 12/58 + Alaska 1957 171,274,000A 1957 170,371,000 1957
 7/1 171,187,000 1957 7/1 171,984,000A 1957 171,229,000 7/1/57 1956
 167,191,000 7/1/56 1956 186,221,000A 1956 167,306,000 1956 7/1
 168,088,000 1956 7/1 168,903,000A 1955 162,284,000 7/1/55 1955
 165,275,000A 1955 164,308,000 1955 7/1 165,069,000 1955 7/1
 165,931,000A 1954 162,414,000 7/1/54 1954 162,391,000A 1954
 161,164,000 1954 7/1 161,884,000 1954 7/1 163,026,000A 1953
 159,565,000A 1953 158,242,000 1953 *****below 1953 7/1 158,596,000
 1953 7/1 160,184,000A 1952 157,505,000 9/1/52 1952 156,954,000A 1952
 155,687,000 1952 7/1 156,393,000 1952 7/1 157,553,000A 1951
 154,353,000 7/1/51 1951 154,287,000A 1951 153,310,000 1951 7/1
 153,982,000 1951 7/1 154,878,000A 1950 154,233,000* 4/1/50 revised
 1952 1950 4/1 150,697,361 1950 151,684,000A 1950 151,235,000 1950
 150,697,361* 4/1/50 est* non est 1950 7/1 151,868,000 1950 7/1
 152,271,000A 1950 4/1 151,325,798* AL & HA 1949 149,188,000A 1949
 148,665,000 1949 150,000,000 7/1/49+ 1949 7/1 149,767,000A 1949 7/1
 149,304,000 1948 146,631,000A 1948 146,093,000 1948 147,280,000
 10/1/48 rel on 12/9/48 1948 7/1 147,208,000A 1948 7/1 146,730,000 1947
 144,708,000 1947 144,126,000A 1947 143,446,000 1947 7/1 144,698,000A
 1947 7/1 144,083,000 1946 141,000,000 8/46 * 1946 141,389,000A 1946
 140,054,000 1946 170,000,000 1946 7/1 141,936,000A 1946 7/1
 140,686,000 1945 139,928,000A 1945 132,481,000 1945 140,000,000
 11/20/45 1945 7/1 140,468,000A 1945 7/1 133,434,000 1945 152,000,000
 inc possessions 1944 138,100,874 1/1/44 est 1944 138,397,000A 1944
 132,855,000 1944 7/1 138,916,000A 1944 7/1 133,915,000 1943
 136,739,000A 1943 134,245,000 1943 7/1 137,250,000A 1943 7/1

135,107,000 1943 135,645,969 1/1/43 est 1942 133,965,237 1/1/42 est
 1942 134,860,000A 1942 133,920,000 1942 7/1 135,361,000A 1942 7/1
 134,617,000 1941 133,403,000A 1941 133,121,000 1941 7/1 133,894,000A
 1941 7/1 133,669,000 1940 7/1 132,594,000A 1940 4/1 131,669,275* 1940
 132,122,000A 1940 131,954,000 1940 7/1 132,547,000 1940 4/1
 150,621,231 inc possessions 1939 131,128,000A 1939 130,880,000 1939
 7/1 130,880,000* 1938 129,969,000A 1938 129,825,000 1938 7/1
 129,825,000* 1937 128,961,000A 1937 128,825,000 1937 7/1
 128,825,000* 1936 128,181,000A 1936 128,053,000 1936 7/1
 128,053,000* 1935 127,362,000A 1935 127,250,000 1935 7/1
 127,520,000* 1934 126,485,000A 1934 126,374,000 1934 7/1
 136,374,000* 1933 7/1 125,579,000* 1933 125,690,000A 1933
 125,549,000 1932 7/1 122,840,000* 1932 124,949,000A 1932 124,840,000
 1931 124,149,000A 1931 124,149,000 1931 7/1 124,040,000* 1930 4/1
 122,775,046* 1930 123,188,000A 1930 123,077,000 1930 7/1
 123,077,000* 1929 121,767,000 1929 7/1 121,770,000 1928 120,013,000
 7/1/28 est 1928 120,509,000 1928 7/1 120,501,000 1927 118,628,000
 7/1/27 est 1927 119,035,000 1927 7/1 119,038,000 1926 117,135,817
 7/1/26 est 1926 117,136,000 7/1/26 est 1926 117,197,000 1926 7/1
 117,399,000 1925 115,829,000 1925 113,493,720* 7/1/25 est 1925 7/1
 115,832,000 1924 114,109,000 1924 112,078,611 7/1/24 est 1924 7/1
 114,113,000 1923 110,663,502 7/1/23 est 1923 111,947,000 1923 7/1
 111,950,000 1922 109,248,393 7/1/22 est 1922 110,049,000 1922 7/1
 110,055,000 1921 107,833,284 7/1/21 est 1921 108,538,000 1921 7/1
 108,541,000 1920 106,461,000 1920 7/1 106,466,000 1920 106,418,284
 7/1/20 est 1920 105,683,108 10/7/20 Dir of Census Bureau 1920 1/1
 105,710,620* 1919 104,514,000 1919 7/1 104,512,000* 1918 105,253,300
 7/1/18 1918 103,208,000 1918 7/1 103,203,000* [WWI, * years exclude
 armed forces abroad] 1917 103,368,000 1917 7/1 103,266,000* 1916 7/1
 101,966,000 1916 101,961,000 1915 100,546,000 1915 7/1 100,549,000

1914 99,111,000 1914 7/1 99,118,000 1913 97,225,000 1913 7/1
97,227,000 1912 95,335,000 1912 7/1 95,331,000 1911 93,863,000 1911
7/1 93,868,000 1910 4/15 91,109,542 4/15/10 1910 4/15 91,972,266* 1910
92,407,000 1910 add ~1.5M outside Continental US 1910 7/1 92,407,000
1909 90,490,000 1909 7/1 90,492,000 1908 7/1 88,709,000 1908
88,710,000 1907 87,008,000 1907 7/1 87,000,000 1906 85,450,000 1906
7/1 85,450,000*** 1906 7/1 85,437,000 1905 83,822,000 1905 7/1
83,822,000 1905 7/1 83,820,000 1904 82,166,000 1904 7/1 82,166,000
1904 7/1 82,165,000 1903* 79,900,389 est 1903 7/1 80,632,000* 1903
80,632,000 1902* 78,576,436 est 1902 79,163,000 1902 7/1 79,160,000
1901* 77,274,967 est 1901 77,584,000 1901 7/1 77,584,000 1901 7/1
77,585,000 1900 76,094,000 1900 7/1 76,094,000* 1900 4/15 74,610,523
1900 7/1 76,094,000* 1900 6/1 75,994,575* 1900 6/1 75,994,575* 1900
4/15 74,610,523 1899 74,799,000 1898 73,494,000 1897 72,189,000 1896
70,885,000 1895 69,580,000 1894 68,275,000 1893 66,970,000 1892
65,666,000 1891 64,361,000 1890 6/1 62,947,714* 1890 6/1 62,116,811
1890 63,056,000 1890 6/1 62,116,811 1890 6/1 62,947,714* 1889
61,755,000 1888 60,496,000 1887 59,217,000 1886 57,938,000 1885
56,658,000 1884 55,379,000 1883 54,100,000 1882 52,821,000 1881
51,542,000 1880 50,262,000 1880 6/1 50,155,783* 1880 6/1 49,371,340
1880 6/1 50,155,783* 1880 6/1 49,371,340 1879 49,208,000 1878
48,174,000 1877 47,141,000 1876 46,107,000 1875 45,073,000 1874
44,040,000 1873 43,006,000 1872 41,972,000 1871 40,938,000 1870
39,905,000 1870 6/1 38,155,505 1870 6/1 39,818,449 1870 6/1 39,818,449
1870 6/1 38,558,371* 1870 6/1 38,155,505 1869 39,051,000 1868
38,213,000 1867 37,376,000 1866 36,538,000 1865 35,701,000 1864
34,863,000 1863 34,026,000 1862 33,188,000 1861 32,351,000 1860 6/1
31,218,021 1860 6/1 31,218,021 1860 31,513,000 1860 6/1 31,443,321*
1860 6/1 31,443,321* 1859 30,687,000 1858 29,862,000 1857 29,037,000
1856 28,212,000 1855 27,386,000 1854 26,561,000 1853 25,736,000 1852

24,911,000 1851 24,086,000 1850 6/1 23,067,262 1850 23,261,000 1850
 6/1 23,191,876* 1850 6/1 23,067,262 1850 6/1 23,191,876* 1849
 22,631,000 1848 22,018,000 1847 21,406,000 1846 20,794,000 1845
 20,182,000 1844 19,569,000 1843 18,957,000 1842 18,345,000 1841
 17,733,000 1840 17,120,000 1840 6/1 17,069,453* 1840 6/1 17,069,453*
 1839 16,684,000 1838 16,264,000 1837 15,843,000 1836 15,423,000 1835
 15,003,000 1834 14,582,000 1833 14,162,000 1832 13,742,000 1831
 13,321,000 1830 6/1 12,866,020* 1830 12,901,000 1830 6/1 12,866,020*
 1829 12,565,000 1828 12,237,000 1827 11,090,000 1826 11,580,000 1825
 11,252,000 1824 10,924,000 1823 10,596,000 1822 10,268,000 1821
 9,939,000 1820 8/7 9,638,453* 1820 8/7 9,638,453* 1820 9,618,000 1819
 9,379,000 1818 9,139,000 1817 8,899,000 1816 8,659,000 1815 8,419,000
 1814 8,179,000 1813 7,939,000 1812 7,700,000 1811 7,460,000 1810 8/6
 7,239,881* 1810 7,224,000 1810 8/6 7,239,881* 1809 7,031,000 1808
 6,838,000 1807 6,644,000 1806 6,451,000 1805 6,258,000 1804 6,065,000
 1803 5,872,000 1802 5,679,000 1801 5,486,000 1800 8/4 5,308,483* 1800
 5,297,000 1800 8/4 5,308,483* 1799 5,159,000 1798 5,021,000 1797
 4,883,000 1796 4,705,000 1795 4,607,000 1794 4,469,000 1793 4,332,000
 1792 4,194,000 1791 4,056,000 1790 3,929,000 1790 8/2 3,929,214* 1780
 2,780,400 1770 2,148,100 1750 1,170,800 1740 905,600 1720 466,200
 1700 250,900 1690 210,400 1670 111,900 1650 50,400 1630 4,600

* indicates a figure has been found in multiple sources.

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