# Endsemester Report
## Economic Time Series Data Analysis

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In partial fulfilment of the requirement of the course

**HSS F266: Study Project**

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# Index

Gross domestic product (or GDP) is defined as the total value of goods and services produced within a country's borders in  specific time period. GDP is used as a metric to measure a country's economic output and production and is often used as a proxy indicator for the prosperity of a nation.

**Significance of GDP:** GDP is an accurate indication of an economy's size and the GDP growth rate is probably the best indicator of economic growth. According to Nobel laureate Paul A. Samuelson and economist William Nordhaus, "While GDP and the rest of the national income accounts may seem to be arcane concepts, they are truly among the great inventions of the twentieth century."
This statement from Samuelson and Nordhaus is quite valid. GDP enables policymakers and central banks to judge whether the economy is contracting or expanding, whether it needs a boost or restraint, and if a threat such as a recession or inflation looms on the horizon.
Having seen the significance of GDP, it leads us into the motivation for this project.

**Motivation and aims:** This project aims to collect and analyse macro-economic time series data for India and the state of Goa. This time series data is GDP data for a) India and b) the state of Goa. A further subdivision of this data is available as the division of the GDP (or SGDP) into the three sectors, namely the Primary, Secondary and Tertiary sectors, which together constitute the total GDP (or SGDP). A further foray is made into the constituents of each of these 3 sectors to identify the subsectors which contribute to each of the sectors.

The objective of this division and subdivision of the GDP data is to identify the major drivers of growth and as mentioned before (in the section "Significance of GDP"), it aids policymakers and central banks to make judgements about the state of the economy. Thus, my analyses and inferences will be able to paint a picture of both, the economy of the state of Goa as well as that of India, identify the major drivers of growth and compare and contrast the economic scenarios of Goa and India.

**Outline:** I have chosen a top down approach wherein I first analysed data at national level. This was done with the idea of extending this abstraction and applying it to the state level. I have divided my project into three parts as follows:

a) Part I: Methodology; wherein I will be elaborating on the nature of the data along with my methods of computation and mathematical treatment of the data.
b) Part II: An analysis of the three sectors that constitute GDP.
c) Part III: Analyses for the state of Goa. Here I extend the methods used in parts I and II.

# Part I: Methodology

This is a preparatory stage wherein I have performed computations and calculations which are applied to data in this and subsequent stages of the project. Keeping the top-down approach in mind, I initiate my work by studying the GDP trends at the national level.

**Objective:** To compute and observe trends in GDP across time using different base years.

**Parameter being observed:** GDP at factor cost

**Data:** The data source is the RBI website which hosts a database of GDP data released every year. I have chosen data for three base years: 1993-94, 1999-00 and 2004-05. This is because the data corresponding to these base years has been found to be the most consistent and complete.

The dataset obtained from the RBI website was not in semi-processed format, unsuitable for data analysis tools to readily parse. Thus, additional processing was performed on the data to obtain it in a more refined format using a programming language, Python. No data loss was caused due to this.

The GDP data was chosen at constant price to account for inflation. Also, GDP at Factor Cost was used for the computations as opposed to GDP at Market Price as GDP at Market Price would also include taxes into the fray.

This data was subjected to analyses in the following manner:
1) Comparisons of absolute GDP values across base years
2) Tracking GDP growth as a percentage over time
3) Comparisons of proportion contribution to GDP by the three sectors both in terms of absolute values and in terms of percentages.
4) Tracking Growth of individual sectors as a percentage over time
5) Identifying and comparing the subsectors within each sector contributing to the growth of each individual sector
6) Obtaining proportion of contribution to total GDP by subsectors in terms of percentage

The GDP data for the three base years spanned across a range of years from 1950-51 to 2013-14. However, the data for the earlier base years (1993-94 and 1999-00) were available only up to the years 2004-05 and 2008-09 respectively. But as one can observe from Figure 1, we have the entire range of GDP data, from 1950-51 to 2013-14 for all the three base years. This was achieved by a mathematical calculation (elaborated in the following section, **"Method"**) to fill in the missing values.

**Method:** In order to fill in the missing data values for the base years 1993-94 and 1999-00, I have used the following approach, which I shall explain with an example:

Suppose the GDP value for the year 2009-10 corresponding to the base year 1993-94 is missing. Note that we have with us the GDP value for the year 2009-10 corresponding to the base year 2004-05. Thus, we must use the available value to compute the missing value.

In order to do this we compute a constant which is the ratio of the GDP of the base year corresponding to which we have missing data (let's call it year x, in this case it is 1993-94) and the GDP of that same year x corresponding to the base year for which we have the data available (let's call this year y).

$$Constant\ (r) = \frac{GDP\ of\ year\ x\ (Base\ year: x)}{GDP\ of\ year\ x\ (Base\ year: y)}$$

In our example, $x = 1993 - 94$ and $y = 2004 - 05$. Thus the constant $r$ will be computed as:

$$r = \frac{GDP\ of\ year\ 1993 - 94\ (Base\ year: 1993 - 94)}{GDP\ of\ year\ 1993 - 94\ (Base\ year: 2004 - 05)}$$

Now we take this constant r and multiply it with the available data, i.e. the GDP of the year 2009-10 (with base year 2004-05) to obtain the GDP of the year 2009-10 (with base year 1993-94)

$$GDP\ of\ 2009 - 10\ (Base\ year: 1993 - 94)$$
$$= r\ \times\ GDP\ of\ 2009 - 10\ (Base\ year: 2004 - 05)$$

Thus, all the requisite values of GDP ranging from 1950-51 to 2013-14 were computed and obtained.

Next, using Python as a programming tool, the GDP trends were obtained as a visual representation for the different base years (as shown in Figure 1).

**Note**: The veracity of the mathematical method described above can be confirmed by computing the growth of GDP as a percentage, which must be the same for all the base years. I have performed this calculation and the results concur (refer Figure 2 on page 4)
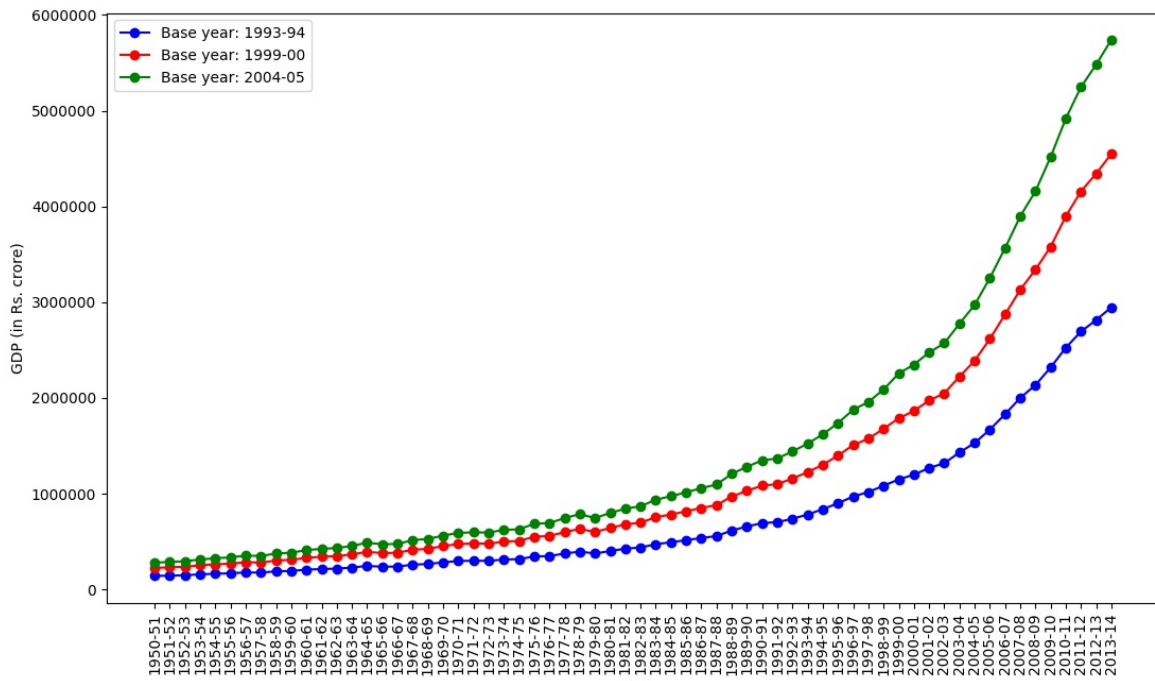
Figure 1: A plot of GDP over time for three different base years
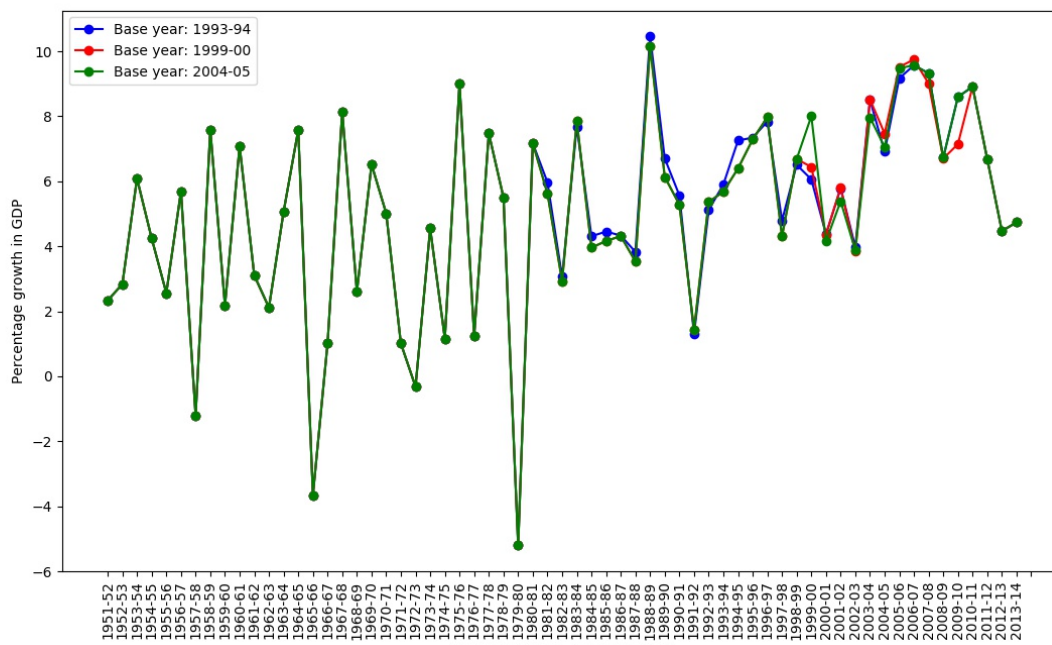


Figure 2: GDP growth as a percentage over time for three different base years

**\*Note the near 100% coincidence of the three plots (the slight non-coincidence can be attributed to data inconsistencies).**

From figures 1 and 2, we can see that post 1991-92, GDP has grown at a much faster rate than before. This is coincident with, and can be attributed to the liberalisation of the economy in 1991. Thus, our data-based analysis is consistent with theory and our observation of reality.

This concludes part I of the project.

# Part II: An analysis of the three sectors

In this stage, I have applied the computational methods discussed in part I to aid and obtain further calculations and computations. Furthermore, in this stage, we follow the next logical step of the top-down approach and we analyse the "components of GDP".

**Objective:** To compute the components of Gross Domestic Product (at Factor Cost) and observe the following:
   a. Share/proportion contribution of each sector to GDP
   b. Rate of growth of each sector

**Parameter(s) being observed:** The components of GDP, i.e. the three economic sectors

**Data:** Table of "Components of GDP (at factor cost)" hosted on the RBI website. I have chosen two base years: 1993-94 and 1999-2000

The 'Components of GDP (at factor cost)' data contains a breakup of GDP into its component contributors, such as 'Agriculture and Allied Activities', 'Manufacturing', 'Financing, insurance, real estate, and business services', etc (a copy of the original data is appended at the end of this report). Again, these were chosen at constant price to account for inflation.

The 'Components of GDP' are the three sectors, primary, secondary and tertiary sectors. These have further subsectors within them. The division of the components of GDP is as follows:

   1) GDP
      a. Primary Sector
         i. Agriculture
         ii. Allied activities
         iii. Mining & Quarrying
      b. Secondary Sector
         i. Manufacturing
         ii. Electricity, Gas & Water
         iii. Construction
      c. Tertiary Sector
         i. Community, social & personal services
         ii. Trade, hotels, transport & communication
         iii. Financing, insurance, real estate & business services

**Data pre-processing :** The dataset corresponding to base year = 1993-94 ranges from the year 1970-71 to 2004-05, whereas the dataset corresponding to the base year = 1999-2000 ranges from the year 1950-51 to 2008-09. Thus, to extrapolate the missing values in the

former dataset, the methodology described in part 1 (refer to section "Method" on page 3) was used on each of the components, i.e.

$$r = \frac{Manufacturing\ in\ year\ 1993 - 94\ (Base\ year: 1993 - 94)}{Manufacturing\ in\ year\ 1993 - 94\ (Base\ year: 1999 - 2000)}$$

and thereafter,

$$Manufacturing\ in\ year\ 1960 - 61\ (Base\ year: 1993 - 94)$$
$$= r \times Manufacturing\ in\ year\ 1960 - 61\ (Base\ year: 1999 - 2000)$$

Thus extrapolating the missing value (Manufacturing in year 1960-61 with base year: 1993-94). This was performed for all the components, by calculating constants $r$ for each of the components.

We have already proved that the method of extrapolation is sound when we used it on GDP data. The same logic must hold for any of the subcomponents as well since it is the constituent components that eventually add up to the total GDP. Thus, it is correct to apply the extrapolation to obtain the missing values for each of the individual components of GDP.

Once the dataset was completed, I performed an aggregation of these components into the three major components which are the three economic sectors; the primary, secondary and tertiary sectors, in the following manner, according to the subdivision given in the section "Data" (on page 6) :

a. Primary – 'Agriculture and Allied Activities', 'Mining and Quarrying'
b. Secondary – 'Manufacturing', 'Construction', 'Electricity, Gas and Water supply'
c. Tertiary – 'Trade, Hotels, Transport & Communication', 'Financing, Insurance, Real Estate and Business Services', 'Community, Social and Personal services'


**Analyses:**

1. **Growth rates of the three sectors**:
   The growth rates of the three sectors were computed as percentages, over time. The calculation for this is simple:

   $$Growth\ in\ year\ x = \frac{Figure\ in\ year\ x - Figure\ in\ year\ (x - 1)}{Figure\ in\ year\ (x - 1)} \times 100$$

   This was computed for data corresponding to both the base years; 1993-94 and 1999-2000.

   Now since, the computed values were percentages as opposed to absolute values, similar figures were expected for both the base years, i.e. the growth percentage was expected to be independent of base year. However, this was not found to be the

case with this dataset. There were significant differences in the growth percentages calculated for the two base years. Tables 1 through 5 (refer Appendix 1 on page 19) display the same:

Table 3 gives the element-wise difference of values of Table 2 and Table 1. In essence, it is trying to determine the closeness of the corresponding values in Table 1 and Table 2. From Table 3, we can see that most of the values are very close to zero (they should ideally be equal to zero). However, there are a significant number of values that seem wayward and are far from zero, for example, in the row corresponding to the year 1970-71, we see that all the values are not sufficiently close to zero.

These may have been caused due to inconsistencies in the original datasets across the two base years and this effect may have been propagated and amplified because of the extrapolation at the very first level.

**Possible solution:** Carrying out the extrapolation step after the aggregation of the given components into primary, secondary and tertiary sectors as opposed to extrapolating to find the missing values before aggregation. This would ensure that the data inconsistencies are not propagated from an early stage.

The approach I have chosen to tackle this problem is to take the average of the corresponding elements in Table 1 and Table 2 and the resultant data is as given in the following table:

The rationale behind averaging and obtaining Table 4 is to account for both the base years in the representation of growth of the three sectors and to obtain exactly one representation for the same across the different base years, independent of base years.

Thus, using the data in Table 4, the following representation was obtained:
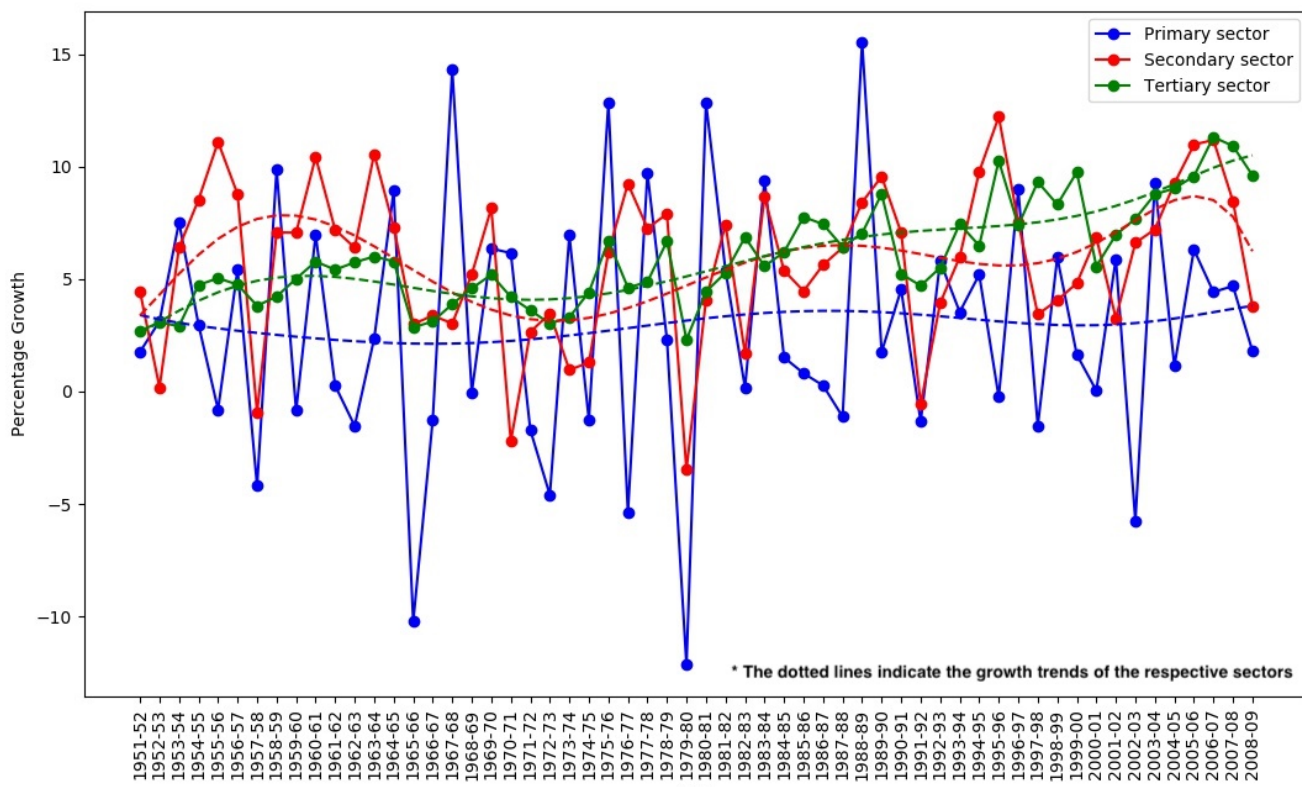
Figure 3: Percentage growths of the three sectors

In the above figure, we look at the dotted lines to identify the overall trends of growth of the individual sectors. Thus, it is abundantly clear from the above figure that the tertiary sector is the fastest growing sector out of the three sectors. We also see the stagnant growth rate of the primary sector caused due to the inelasticity of demand for primary goods, especially in a rapidly developing economy like India.

2. **Share/proportion contribution to GDP:**
   This is simply a measure of the proportion of contribution of the various sectors to the total GDP in a given year. Here, the representation has two dimensions: one, an absolute value in terms of the total GDP in a given year, and two, the relative values of the percentage contribution of the three sectors. Thus in order to ensure both the dimensions, the representation becomes base year dependent (due to the absolute dimension of the total GDP in a given year). The data in Table 5 (refer Appendix – 1) was used:

   And the corresponding representation obtained is:
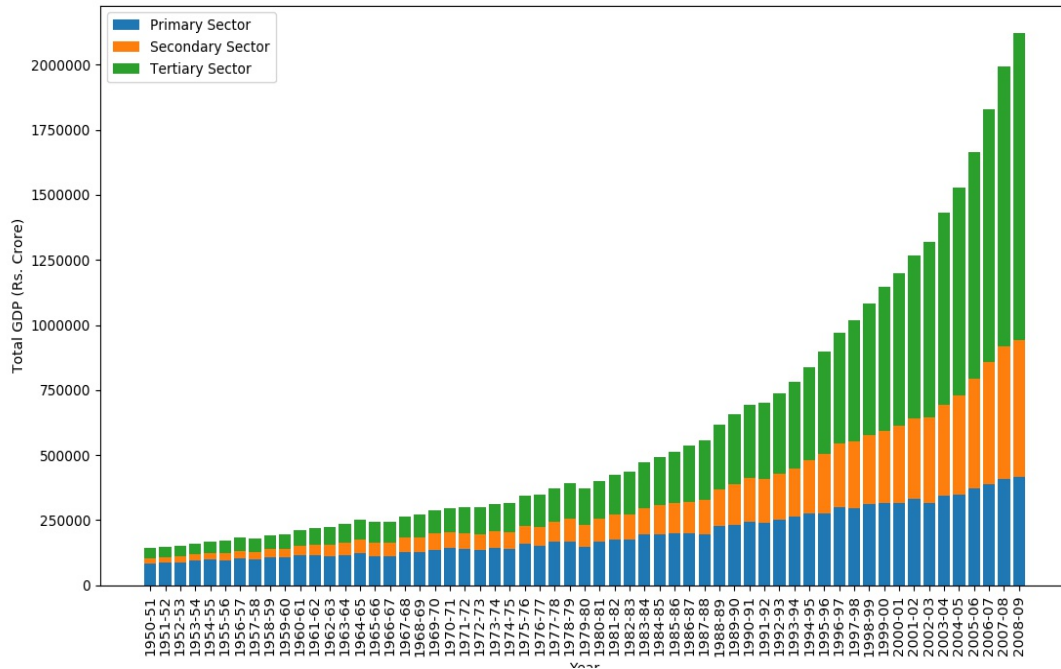
Figure 4: Proportion of contribution of sectors to Total GDP (Base: 1993-94)

The above graph shows the growth of the tertiary sector over the years in terms of the absolute value contributed to GDP. The primary sector has grown too, but its proportion contribution to total GDP has declined, which is consistent with our observation of the ground reality. The percentage contributions of each of the individual sectors to total GDP over time is given in Table 6 in Appendix – 1 (refer page 29).

This concludes part II.

# Part III: Analysis for the state of Goa

In the previous stage, we completed analyses at the national level (refer section "Analyses" on page 7). Now, following the top-down approach, we now commence the analyses of SGDP and Components of SGDP datasets for the state of Goa. Note that this is merely an extension of the methods used in stage 2 of the project, thus I will merely furnish the significance of the analyses without elaborating on the specific methodologies.

**Objective:**
1) To observe the general SGDP growth over time (in absolute as well as percentage terms)
2) To compute the components of State Gross Domestic Product (at Factor Cost) and observe the following:
   a. Share/proportion contribution of each sector to SGDP
   b. Rate of growth of each sector
   c. Comparison of proportion of contribution to SGDP of subsectors within each individual sector

 **Analyses:**

1. **SGDP over time:**
   This involved a simple plotting of points of SGDP for a particular year. This has been done for 4 base years; 1980-81, 1993-94, 1999-2000 & 2004-05. The SGDP data for the base years 1980-81, 1993-94, 1999-00 & 2004-05 spanned from 1980-81 to 1998-99, 1993-94 to 2004-05, 1999-00 to 2007-08 and 2004-05 to 2013-14 respectively. Thus, to obtain the full range of data points (from 1980-81 to 2013-14) for all the 4 base years, the method used in stage 1 (refer section "Method" on page 3) was followed to extrapolate the missing data points. We obtain the following figure:
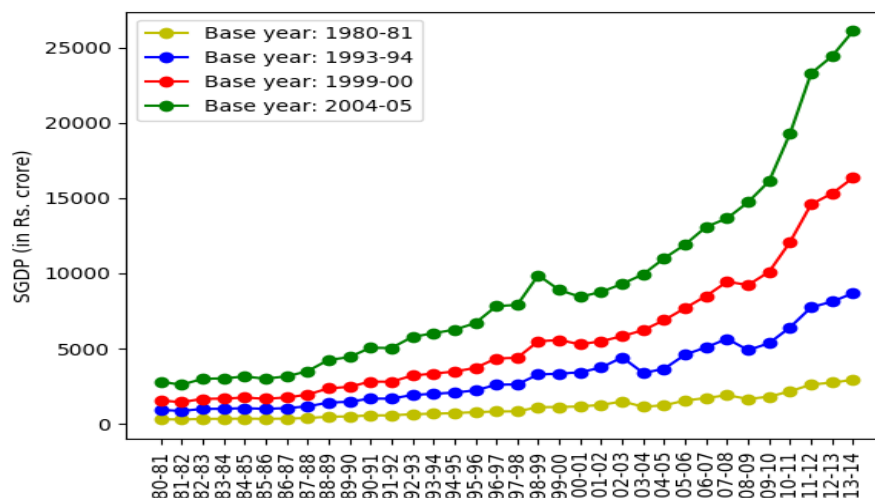


Figure 5: A plot of SGDP over time for four different base years

The upward trend obtained is consistent with our observation of SGDP growth over time. As compared to the all India data (refer Figure 1 on page 4), wherein an increase in the growth rate of GDP was observed at 1991-92 (coinciding with the liberalization of the economy), if we look at Figure 5, we see the acceleration in growth rate of GDP slightly earlier, around 1987-88.

2. **SGDP growth rates over time:**
   Now we look at the SGDP growth rates over time across the four base years in terms of percentage growth. The percentage growth is calculated using the following simple formula:

$$Growth\ in\ year\ x = \frac{SGDP\ in\ year\ x - SGDP\ in\ year\ (x-1)}{SGDP\ in\ year\ (x-1)} \times 100$$

The following figure is obtained:
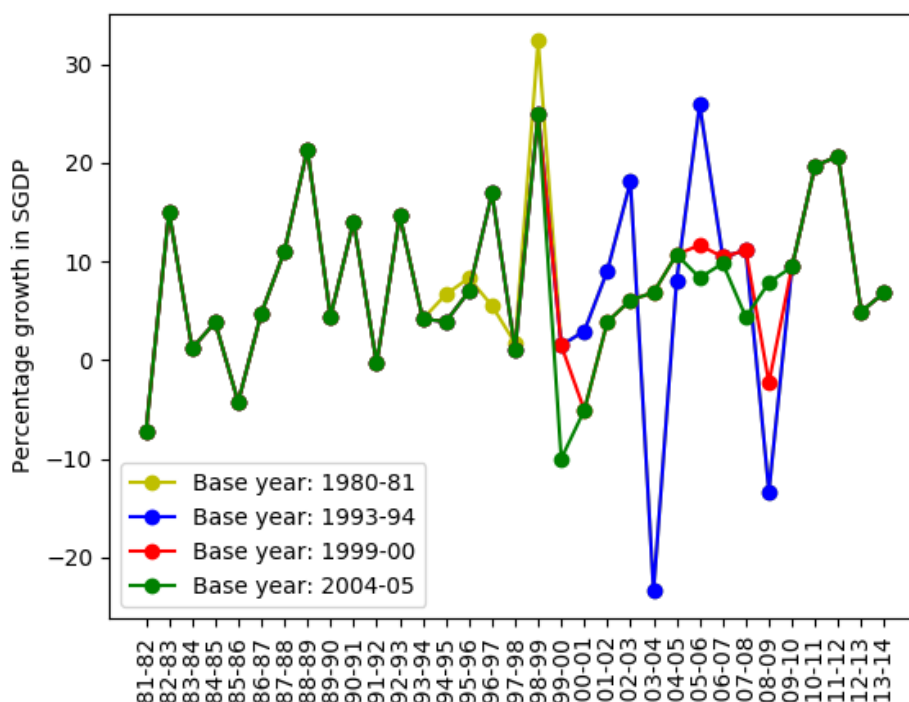


Figure 6: % SGDP growth rate over time

We see that for the most part it is coincident throughout for all the 4 base years (as expected). However, a slightly erratic behaviour is observed corresponding to base year 1993-94 for the period 2000-01 to 2009-10. This may be attributed to certain data inconsistencies. We see that the plot for base year 2004-05 is the most regular one and we can safely take that to be representative of SGDP growth rate.

3. **Growth rates of the three sectors**:
The growth rates of the three sectors were computed as percentages, over time. The calculation for this is simple:

$$Growth\ in\ year\ x = \frac{Figure\ in\ year\ x - Figure\ in\ year\ (x-1)}{Figure\ in\ year\ (x-1)} \times 100$$

This was computed for data corresponding to both the base years; 1993-94 and 1999-2000.

Now since, the computed values were percentages as opposed to absolute values, similar figures were expected for both the base years, i.e. the growth percentage was expected to be independent of base year. As before (refer "Growth rates of the three sectors" on page 7), this was not found to be the case with this dataset. There were significant differences in the growth percentages calculated for the two base years. Thus, the same approach of averaging the values across the base years 1993-94 and 1999-00 was adopted to obtain the following figure:
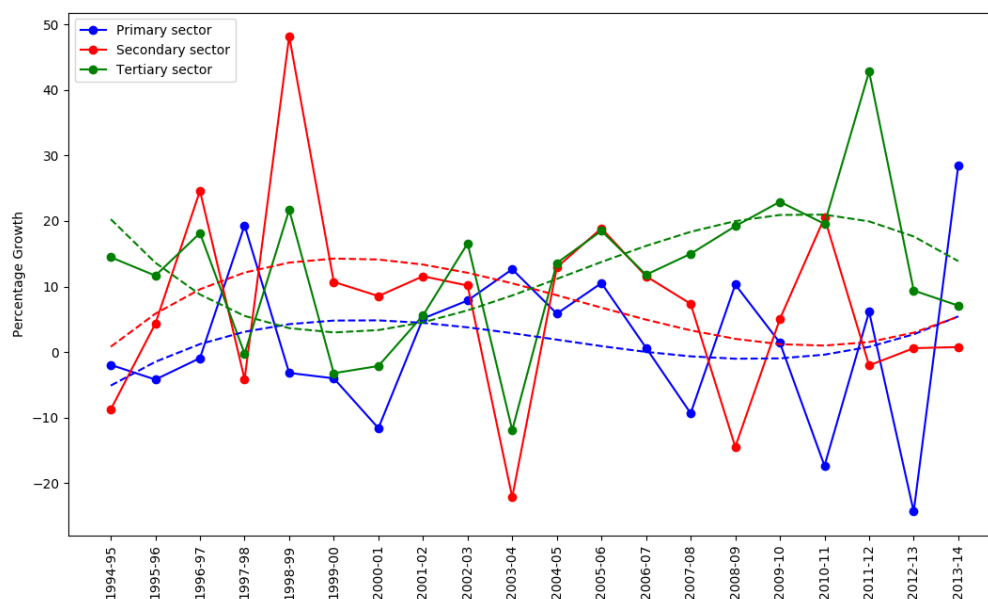


Figure 7: Growth of the three sectors over time

The dotted lines represent the trend lines for the respective sectors. As compared to the all India data, the tertiary sector shows tremendous growth and we see a decline in the growth rate of the secondary sector. But the standout feature is the massive growth rates exhibited by the tertiary sector over time as compared to the primary and secondary sectors.

4. **Share/proportion of contribution to SGDP:**
Here we calculate and display the contribution of the individual sectors to the total SGDP. As before (refer "Share/Proportion of contribution to GDP" on page 9), the

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representation has two dimensions: one, an absolute value in terms of the total GDP in a given year, and two, the relative values of the percentage contribution of the three sectors. Thus in order to ensure both the dimensions, the representation becomes base year dependent (due to the absolute dimension of the total GDP in a given year). I have computed the same for the base year 1993-94 and obtained the following figure:
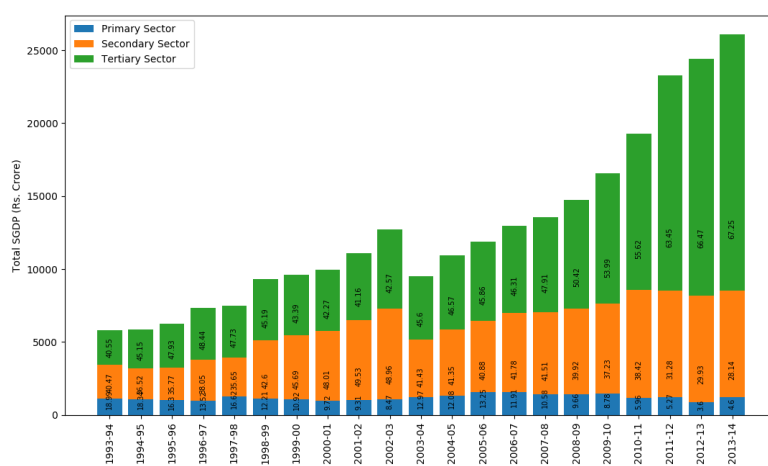


Figure 8: Proportion of contribution of sectors to Total GDP (Base: 2004-05)
(Refer to Table 7 in Appendix – 1 on page 31 for data of percentage contribution of each of the three sectors to total SGDP of Goa over time)

Of course the height of the individual stacks represent the proportion of the respective sectors and this proportion has been numerically represented as a percentage embedded within the respective bars. It is evident that the tertiary sector emerges as the biggest contributor to the SGDP. On the other hand, the percentage contribution to total SGDP by the primary sector shows a declining trend, much like the pattern observed at the national level. The reason for this major contribution by the tertiary sector can be understood by examining its constituent components. Thus, in the next section, we make a foray into the constituent subsectors of each of the three sectors.

5. **Growth and contribution of the subsectors to total SGDP:**
   Here we simply plot the absolute values of the domestic products produced by the different subsectors. This is done for all the three sectors.
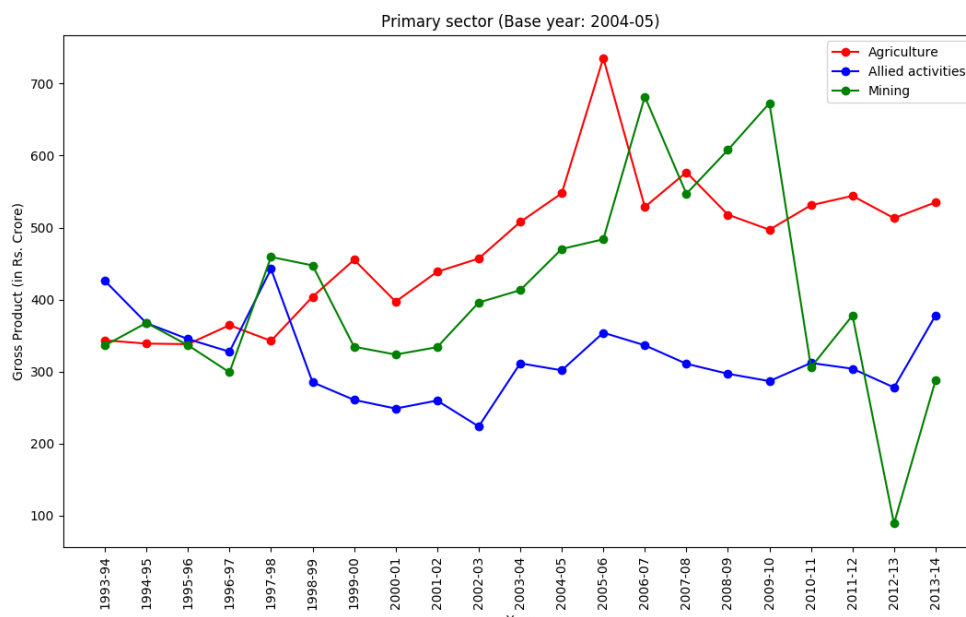


Figure 9.1: Growth of subsectors within primary sector (Base: 2004-05)
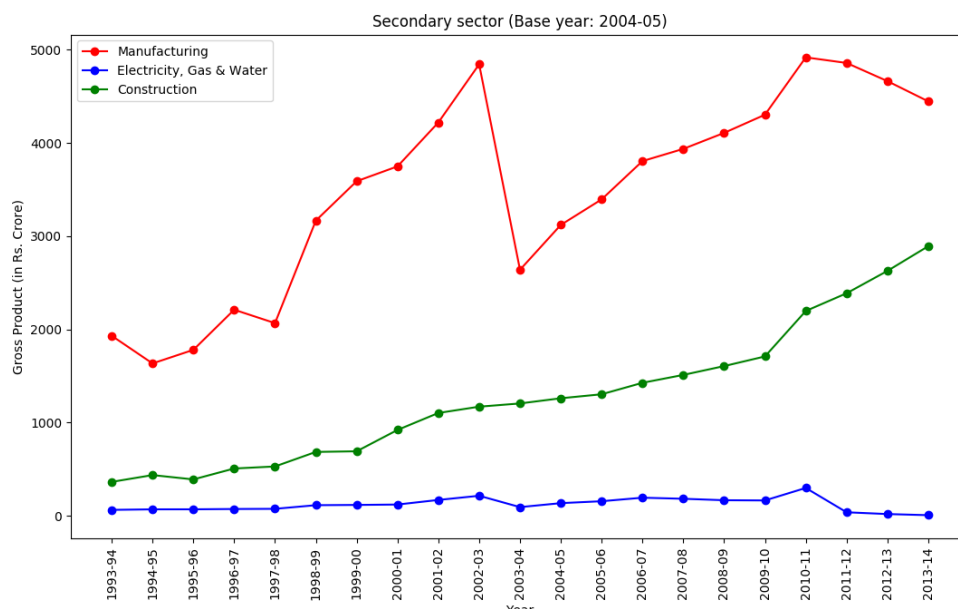


Figure 9.2: Growth of subsectors within secondary sector (Base: 2004-05)
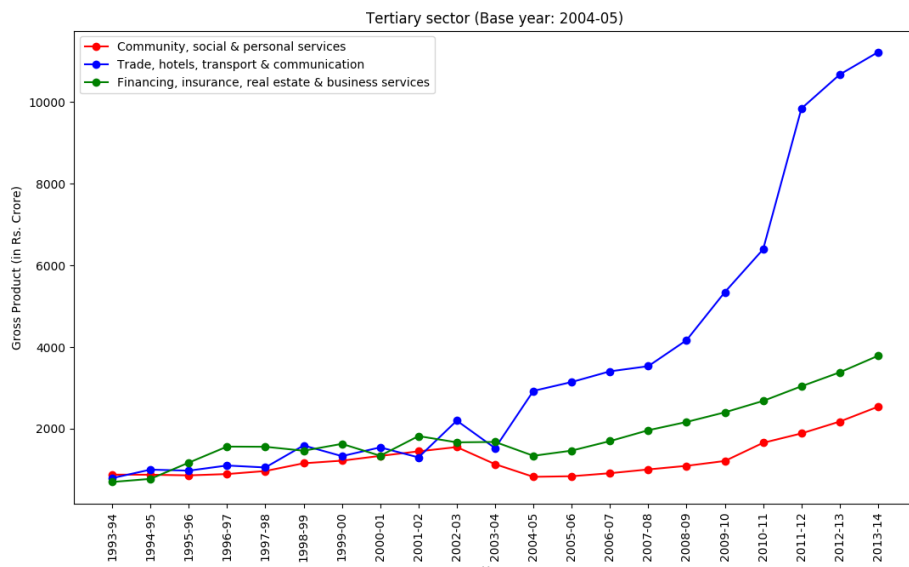
Figure 9.3: Growth of subsectors within tertiary sector (Base: 2004-05)

Figure 9.3 clearly displays the major driver of growth in the tertiary sector (and therefore, the major contributor to the total SGDP). "Trade, hotels, transport & communication" accrue the majority of the SGDP in Goa. And this is unsurprising, given that Goa is a major source of tourism with large intra and international influxes every year.

6. **Share/Proportion of Contribution of subsectors to total SGDP:**
   We will now take each of the three sectors and break them down into their constituent subsectors and observe the proportion of contribution of each of the subsectors to the total SGDP. The following figures are obtained:
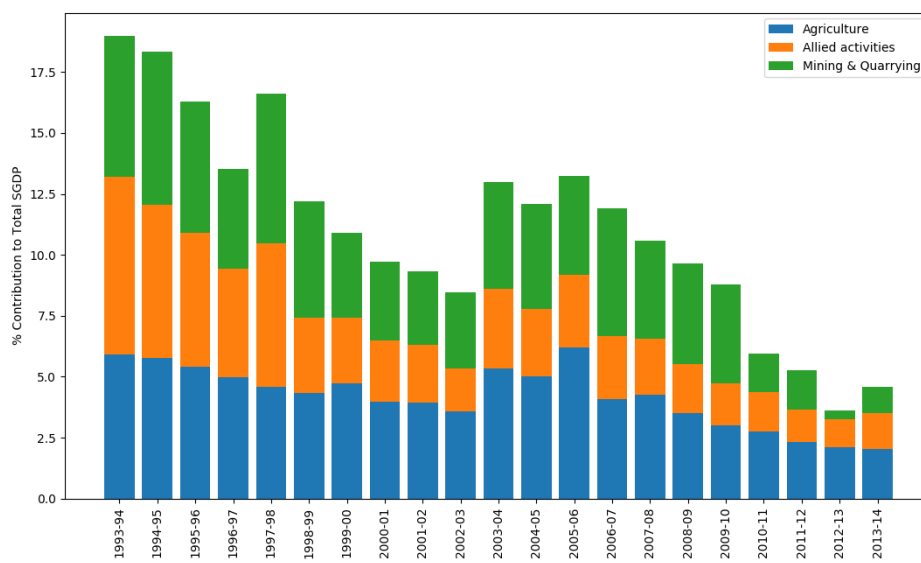


Figure 10.1: % contribution to total SGDP of subsectors of primary sector (Base: 2004-05)

Figure 10.2: % contribution to total SGDP of subsectors of secondary sector (Base: 2004-05)

Figure 10.3: % contribution to total SGDP of subsectors of tertiary sector (Base: 2004-05)

(Refer to Table 8 in Appendix – 1 on page 34 for data of percentage contributions of each of the subsectors of the tertiary sector to the total SGDP of Goa)

Figures 9.1, 9.2 and 9.3 coupled with 10.1, 10.2 and 10.3 presents a vivid picture of the major drivers of growth within each sector. Additionally, the total height of the each bar in figures 10.1, 10.2 and 10.3 gives the percentage contribution of the sector to the total SGDP in that particular year. Figure 10.3 again clearly presents that "Trade, hotels, transport & communication" is the most rapidly growing subsector within the Goan economy.

This concludes part III of the project.

## Conclusion

Thus, I have extensively analysed macro-economic data at the national level and have identified the major drivers of growth within each sector as well as trends in GDP which are consistent with theory. This model was later extended to be used on the macroeconomic data for the state of Goa. Trade, hotels, transport & communication turned out to be the single major contributor to Goa's SGDP which just goes on to highlight the importance of tourism in Goa at an economic level. At the national level (and also at the state level) we observed the rapid growth of the tertiary sector which has become the norm in developed and developing economies across the world due to the advent of consumerism.

Thus, the top-down approach was a successful one which yielded satisfactory results at both the national as well as the state level and it was found that the economic scenarios of Goa and India had a lot of similarities. This is consistent with our logic that the parts reflect the whole, in that Goa's economy contributes to and is a part of the national economy. However, a few peculiarities were also observed specific to the Goan economy. One of the most striking ones was the large "Trade, hotels, transport & communication" subsector, which characterised and highlighted the significance of tourism in Goa.

Online Github repository which contains my Python code and data:
https://github.com/raghavprasad13/economic-time-series

## Appendix - 1

### Table 1: Growth percentage (Base year: 1993-94)

| Year | Primary sector | Secondary sector | Tertiary sector |
|---|---|---|---|
| 1951-52 | 1.761267894387544 | 4.3740082969529785 | 2.69934582489642 |
| 1952-53 | 3.1300255806492205 | 0.41934395099699273 | 3.094611017159996 |
| 1953-54 | 7.532395413816596 | 6.501694495468062 | 2.921254209548846 |
| 1954-55 | 2.9741517442209764 | 8.426152096690323 | 4.787366510145633 |
| 1955-56 | -0.8002153306852368 | 10.874842846163094 | 5.110528220875015 |
| 1956-57 | 5.4262049375962444 | 8.692163195458697 | 4.815783514321973 |
| 1957-58 | -4.199965640320964 | -0.585174269242704 | 3.795786890132734 |
| 1958-59 | 9.870722891318888 | 6.935654136989186 | 4.244442043404387 |
| 1959-60 | -0.8359015518496424 | 7.065225875756334 | 5.053835824024255 |
| 1960-61 | 6.97622238543172 | 10.280471601813874 | 5.840869975017533 |
| 1961-62 | 0.2639402793087826 | 7.301224538162159 | 5.453517182824089 |
| 1962-63 | -1.5280565011194818 | 6.476118918644801 | 5.7320187535311105 |
| 1963-64 | 2.3628253220055733 | 10.50496138434306 | 6.017730979273279 |
| 1964-65 | 8.927912757273692 | 7.30328008825981 | 5.794789466613624 |
| 1965-66 | -10.233994486843892 | 2.866523565069399 | 2.8253158150040907 |
| 1966-67 | -1.2555991792784822 | 3.218565419451428 | 3.086449083296325 |
| 1967-68 | 14.329198925814811 | 2.8728516693560318 | 3.8998263006184355 |
| 1968-69 | -0.03504920200895378 | 5.25862204471442 | 4.595734782529058 |
| 1969-70 | 6.364385313177078 | 8.326728115086347 | 5.1950610253423335 |
| 1970-71 | 5.815399188713124 | -6.113627627245597 | 3.4943088956016637 |
| 1971-72 | -1.7106066025627538 | 2.686577283590691 | 3.5581290451164893 |
| 1972-73 | -4.597479699162278 | 3.494437291604767 | 2.990184658083729 |
| 1973-74 | 6.947695943873926 | 1.0590280546739181 | 3.344971723629211 |
| 1974-75 | -1.2609449744034464 | 1.3477897195524202 | 4.492938444554418 |
| 1975-76 | 12.856889896235435 | 6.1167603594063875 | 6.803464575534851 |
| 1976-77 | -5.379164914614935 | 9.249394673123486 | 4.609992581033027 |
| 1977-78 | 9.713065279970285 | 7.225177304964539 | 4.949744442542368 |
| 1978-79 | 2.320295024484614 | 8.03237000012527 | 6.7458930443900735 |
| 1979-80 | -12.16262525997353 | -3.4381196442444835 | 2.1872953503601833 |
| 1980-81 | 12.852559143835386 | 4.000048034200351 | 4.498134381497622 |
| 1981-82 | 5.704833998927103 | 7.41758558974655 | 5.41658432877011 |
| 1982-83 | -0.02311930123321736 | 2.8657730385148716 | 6.710966891184341 |
| 1983-84 | 9.14156796390299 | 8.670254454255709 | 5.547478859247414 |
| 1984-85 | 1.4702234532939207 | 6.233171782444804 | 6.317650164713444 |
| 1985-86 | 1.0185736912601284 | 4.720567735394753 | 7.934143049932524 |
| 1986-87 | 0.19510670370501076 | 6.18727796073957 | 7.362914357733011 |
| 1987-88 | -1.008855791486364 | 6.976157333919428 | 6.501141286625985 |
| 1988-89 | 15.43192619513559 | 8.61456280389904 | 7.277824919300517 |
| 1989-90 | 1.8908386358132059 | 10.677605122672308 | 8.847165310990153 |
| 1990-91 | 4.590970184408075 | 7.42123953183651 | 5.316072579074333 |

| | | | |
|---|---|---|---|
| 1991-92 | -1.14002611440755 | -1.022963648256071 | 4.7969810354394005 |
| 1992-93 | 5.4135162359510645 | 4.291319128162079 | 5.351561041667374 |
| 1993-94 | 3.907139033722567 | 5.648637077208505 | 7.6688648275995375 |
| 1994-95 | 5.338492476884976 | 10.278273085859405 | 7.083443042822606 |
| 1995-96 | -0.32458005643925536 | 12.252317582266821 | 10.45628545083685 |
| 1996-97 | 8.834357611946809 | 7.747776060899703 | 7.199629659610636 |
| 1997-98 | -1.4726458537171785 | 3.756562743064558 | 9.82837509704488 |
| 1998-99 | 5.908808985565208 | 3.839591443106969 | 8.35455059161236 |
| 1999-00 | 0.5654671424228364 | 4.9297813539884565 | 10.061728272659312 |
| 2000-01 | 0.10596591270699948 | 6.953910544459017 | 5.492488050604541 |
| 2001-02 | 5.9408426975221325 | 3.713916213246134 | 6.759459297907042 |
| 2002-03 | -5.609798544140857 | 6.349396072451924 | 7.911836880952914 |
| 2003-04 | 9.291177386848412 | 6.632200527319782 | 9.061152849510504 |
| 2004-05 | 1.475832300774274 | 7.980150749474428 | 8.940105695830887 |
| 2005-06 | 6.882406182753165 | 11.31557696114016 | 8.574386925571625 |
| 2006-07 | 4.425355081755942 | 11.207800552907326 | 11.41594379638892 |
| 2007-08 | 4.696579030326201 | 8.44219599731769 | 10.99793796559144 |
| 2008-09 | 1.8027109607668952 | 3.7061266780051567 | 9.574816435603717 |

Table 2: Growth Percentage (Base year: 1999-2000)

| Year | Primary sector | Secondary sector | Tertiary sector |
|---|---|---|---|
| 1951-52 | 1.7629188899907131 | 4.539813181788491 | 2.708603089523924 |
| 1952-53 | 3.1298819817172205 | -0.046863284178955265 | 3.057888796047906 |
| 1953-54 | 7.531365064604908 | 6.3076297940174415 | 2.9017253886747367 |
| 1954-55 | 2.974363981254184 | 8.64720237570198 | 4.698450437499136 |
| 1955-56 | -0.7998266252192582 | 11.341740636501408 | 4.978743629690265 |
| 1956-57 | 5.426144897457604 | 8.866635879736528 | 4.702375712147699 |
| 1957-58 | -4.198181629798476 | -1.281507445692215 | 3.8341421227117665 |
| 1958-59 | 9.869474993409536 | 7.223466087703824 | 4.21081856461987 |
| 1959-60 | -0.8348611435813512 | 7.0785260804454655 | 4.990897384663203 |
| 1960-61 | 6.977696435772559 | 10.587586424251974 | 5.72319729329668 |
| 1961-62 | 0.2650320126194674 | 7.092729151081187 | 5.3933775364275505 |
| 1962-63 | -1.525256089167038 | 6.333577273634488 | 5.763573909247908 |
| 1963-64 | 2.362967835913822 | 10.631608584120627 | 5.997667324600753 |
| 1964-65 | 8.9261225075312 | 7.35341938950077 | 5.787803123280715 |
| 1965-66 | -10.229098513941349 | 3.121295930462268 | 2.8899930390533113 |
| 1966-67 | -1.2545991209590819 | 3.5466155810983397 | 3.1486449706442707 |
| 1967-68 | 14.325954538701529 | 3.1846269595569647 | 3.883326799553693 |
| 1968-69 | -0.034306743874167024 | 5.17935906477486 | 4.592329184658369 |
| 1969-70 | 6.364005074980761 | 7.990499136285117 | 5.196949827577833 |
| 1970-71 | 6.5053408618708914 | 1.70379802784589 | 4.929656427878876 |
| 1971-72 | -1.7111749639680165 | 2.616874650772956 | 3.66969016952988 |
| 1972-73 | -4.59852242054041 | 3.4606891127446535 | 3.05654085190238 |
| 1973-74 | 6.948557666420281 | 0.872294182431313 | 3.270654130826165 |
| 1974-75 | -1.2614311476460303 | 1.2319078629538733 | 4.346389403218915 |
| 1975-76 | 12.857050146945662 | 6.264018401687458 | 6.6179280823787625 |
| 1976-77 | -5.380305756134428 | 9.25307178271179 | 4.633465625400077 |
| 1977-78 | 9.713799525097347 | 7.301172331014979 | 4.811010018451178 |
| 1978-79 | 2.320566590171718 | 7.775879373884262 | 6.622835075856981 |
| 1979-80 | -12.164497979544093 | -3.4933318167600307 | 2.4345701072104267 |
| 1980-81 | 12.852910229939202 | 4.17298937784522 | 4.388293892558627 |
| 1981-82 | 5.058476566461992 | 7.4593937165444535 | 5.158933318042751 |
| 1982-83 | 0.3828316172129413 | 0.5040534849441988 | 7.02303752604623 |
| 1983-84 | 9.681882074424799 | 8.655571123652887 | 5.609799590228068 |
| 1984-85 | 1.5614777042567973 | 4.526555551538379 | 6.0895514159102975 |
| 1985-86 | 0.6063544350875328 | 4.224458971786978 | 7.604084787932726 |
| 1986-87 | 0.3439284417599102 | 5.08423952122305 | 7.52584632567125 |
| 1987-88 | -1.23087246556057 | 5.828324192308907 | 6.378415404093572 |
| 1988-89 | 15.676890798281546 | 8.227933094265863 | 6.813251772057698 |
| 1989-90 | 1.6398775849808402 | 8.462697953143813 | 8.738103944104596 |
| 1990-91 | 4.494687555765794 | 6.716041641068228 | 5.151502758313566 |
| 1991-92 | -1.5350752357640272 | -0.09330284117077199 | 4.623625477261088 |
| 1992-93 | 6.177940998337206 | 3.5905465499358193 | 5.674366732411528 |

| | | | |
|---|---|---|---|
| 1993-94 | 3.1712407793925097 | 6.320683781668636 | 7.248226395919246 |
| 1994-95 | 5.06840639733009 | 9.282899864330457 | 5.897510191213962 |
| 1995-96 | -0.1691047732034711 | 12.20783766057997 | 10.089482378854624 |
| 1996-97 | 9.12388559982941 | 7.321278818284806 | 7.572309269842063 |
| 1997-98 | -1.5847783988863957 | 3.1105542242669837 | 8.828153607402541 |
| 1998-99 | 6.014858111725861 | 4.280840585953184 | 8.289994939588837 |
| 1999-00 | 2.7163242501594063 | 4.711477165514955 | 9.460950706439517 |
| 2000-01 | -0.02397005586866868 | 6.751540861128902 | 5.650781564164633 |
| 2001-02 | 5.859112444466303 | 2.817470093892858 | 7.181932261974952 |
| 2002-03 | -5.894491505737692 | 6.8856037965668495 | 7.469916910292361 |
| 2003-04 | 9.291265371276232 | 7.797275810676729 | 8.491346675379537 |
| 2004-05 | 0.790322641360281 | 10.542592071970763 | 9.133853296636733 |
| 2005-06 | 5.747328202935195 | 10.652148162599813 | 10.585172706272305 |
| 2006-07 | 4.428037112513642 | 11.18615037553741 | 11.231867665771244 |
| 2007-08 | 4.6956724663610405 | 8.506258141247097 | 10.851828360722624 |
| 2008-09 | 1.8038477131287745 | 3.895959851662017 | 9.668004022386853 |

Table 3: Element wise difference of the contents of Table 1 and Table 2

| Year | Primary sector | Secondary sector | Tertiary sector |
|---|---|---|---|
| 1951-52 | 0.0016509956031691697 | 0.16580488483551203 | 0.009257264627503758 |
| 1952-53 | -0.0001435989319999997 | -0.466207235175948 | -0.036722221112090114 |
| 1953-54 | -0.0010303492116880975 | -0.19406470145062027 | -0.019528820874109343 |
| 1954-55 | 0.0002122370332076073 | 0.22105027901165641 | -0.08891607264649704 |
| 1955-56 | 0.0003887054659785782 | 0.46689779033831336 | -0.13178459118474972 |
| 1956-57 | -6.00401386403603e-05 | 0.17447268427783058 | -0.11340780217427415 |
| 1957-58 | 0.0017840105224875558 | -0.6963331764495111 | 0.038355232579032617 |
| 1958-59 | -0.001247897909351536 | 0.28781195071463817 | -0.033623478784517324 |
| 1959-60 | 0.0010404082682912152 | 0.013300204689131512 | -0.06293843936105237 |
| 1960-61 | 0.0014740503408390282 | 0.3071148224381002 | -0.11767268172085288 |
| 1961-62 | 0.0010917333106847948 | -0.20849538708097182 | -0.06013964639653846 |
| 1962-63 | 0.0028004119524438487 | -0.1425416450103123 | 0.03155515571679768 |
| 1963-64 | 0.0001425139082487092 | 0.1266471997775671 | -0.020063654672525466 |
| 1964-65 | -0.001790249742491312 | 0.05013930124095989 | -0.006986343332909151 |
| 1965-66 | 0.004895972902543733 | 0.25477236539286885 | 0.0646772240492206 |
| 1966-67 | 0.0010000583194003099 | 0.3280501616469116 | 0.06219588734794579 |
| 1967-68 | -0.003244387113282343 | 0.311775290200933 | -0.016499501064742628 |
| 1968-69 | 0.0007424581347867526 | -0.07926297993955966 | -0.003405597870688837 |
| 1969-70 | -0.000380238196316717 | -0.3362289788012296 | 0.00188880223549476 |
| 1970-71 | 0.6899416731577679 | 7.817425655091487 | 1.4353475322772122 |
| 1971-72 | -0.000568361405262729 | -0.06970263281773503 | 0.11156112441339072 |
| 1972-73 | -0.001042721378131439 | -0.0337481788601135 | 0.06635619381865077 |
| 1973-74 | 0.0008617225463547484 | -0.18673387224260518 | -0.07431759280304595 |
| 1974-75 | -0.000486173242583820 | -0.11588185659854688 | -0.1465490413355024 |
| 1975-76 | 0.0001602507102269612 | 0.1472580422810701 | -0.18553649315608833 |
| 1976-77 | -0.001140841519492674 | 0.0036771095883043614 | 0.023473044367049667 |
| 1977-78 | 0.0007342451270613282 | 0.07599502605043984 | -0.13873442409119008 |
| 1978-79 | 0.0002715656871039584 | -0.2564906262410087 | -0.12305796853309214 |
| 1979-80 | -0.001872719570563674 | -0.05521217251554722 | 0.24727475685024336 |
| 1980-81 | 0.0003510861038158452 | 0.17294134364486968 | -0.10984048893899523 |
| 1981-82 | -0.6463574324651109 | 0.041808126797903356 | -0.2576510107273595 |
| 1982-83 | 0.40595091844615866 | -2.3617195535706728 | 0.3120706348618887 |
| 1983-84 | 0.540314110521809 | -0.014683330602821343 | 0.06232073098065438 |
| 1984-85 | 0.09125425096287665 | -1.706616230906425 | -0.22809874880314673 |
| 1985-86 | -0.4122192561725956 | -0.4961087636077748 | -0.33005826199979804 |
| 1986-87 | 0.14882173805489946 | -1.1030384395165198 | 0.1629319679382384 |
| 1987-88 | -0.222016674074206 | -1.147833141610521 | -0.12272588253241246 |
| 1988-89 | 0.2449646031459558 | -0.38662970963317633 | -0.46457314724282194 |
| 1989-90 | -0.25096105083236564 | -2.2149071695284945 | -0.10906136688555712 |
| 1990-91 | -0.09628262864228088 | -0.7051978907682814 | -0.1645698207607662 |
| 1991-92 | -0.3950491213564771 | 0.9296608070852989 | -0.17335555817831239 |
| 1992-93 | 0.7644247623861418 | -0.7007725782262595 | 0.3228056907441541 |

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| 1993-94 | -0.7358982543300572 | 0.672046704460131 | -0.4206384316802918 |
|---------|---------------------|-------------------|---------------------|
| 1994-95 | -0.2700860795548863 | -0.9953732215289488 | -1.1859328516086443 |
| 1995-96 | 0.15547528323578427 | -0.04447992200882389 | -0.3668030719822255 |
| 1996-97 | 0.28952798788260203 | -0.4264972426148974 | 0.3726796102314269 |
| 1997-98 | -0.11213254516921722 | -0.6460085187975744 | -1.000221489642339 |
| 1998-99 | 0.1060491261606531 | 0.4412491428462153 | -0.06455565202352354 |
| 1999-00 | 2.15085710773657 | -0.21830418847350153 | -0.6007775662197954 |
| 2000-01 | -0.12993596857566816 | -0.20236968333011518 | 0.1582935135600918 |
| 2001-02 | -0.08173025305582904 | -0.8964461193532758 | 0.4224729640679099 |
| 2002-03 | -0.28469296159683477 | 0.5362077241149255 | -0.4419199706605532 |
| 2003-04 | 8.798442781987603e-05 | 1.1650752833569475 | -0.5698061741309672 |
| 2004-05 | -0.685509659413993 | 2.5624413224963343 | 0.19374760080584608 |
| 2005-06 | -1.1350779798179698 | -0.6634287985403464 | 2.0107857807006795 |
| 2006-07 | 0.0026820307576995717 | -0.02165017736991537 | -0.18407613061767591 |
| 2007-08 | -0.000906563965160422 | 0.0640621439294069 | -0.14610960486881552 |
| 2008-09 | 0.0011367523618792674 | 0.18983317365686014 | 0.09318758678313621 |

Table 4: Average growth percentage across base years 1993-94 and 1999-2000

| Year | Primary sector | Secondary sector | Tertiary sector |
|------|----------------|------------------|-----------------|
| 1951-52 | 1.7620933921891284 | 4.456910739370734 | 2.703974457210172 |
| 1952-53 | 3.1299537811832208 | 0.18624033340901874 | 3.076249906603951 |
| 1953-54 | 7.531880239210752 | 6.404662144742751 | 2.9114897991117914 |
| 1954-55 | 2.97425786273758 | 8.536677236196152 | 4.742908473822384 |
| 1955-56 | -0.8000209779522475 | 11.108291741332252 | 5.044635925282639 |
| 1956-57 | 5.426174917526924 | 8.779399537597612 | 4.759079613234836 |
| 1957-58 | -4.199073635059721 | -0.9333408574674595 | 3.81496450642225 |
| 1958-59 | 9.870098942364212 | 7.079560112346504 | 4.227630304012129 |
| 1959-60 | -0.8353813477154968 | 7.0718759781009 | 5.022366604343729 |
| 1960-61 | 6.97695941060214 | 10.434029013032923 | 5.782033634157107 |
| 1961-62 | 0.264486145964125 | 7.196976844621673 | 5.42344735962582 |
| 1962-63 | -1.5266562951432598 | 6.404848096139645 | 5.747796331389509 |
| 1963-64 | 2.3628965789596976 | 10.568284984231845 | 6.007699151937016 |
| 1964-65 | 8.927017632402446 | 7.32834973888029 | 5.79129629494717 |
| 1965-66 | -10.231546500392621 | 2.9939097477658336 | 2.857654427028701 |
| 1966-67 | -1.255099150118782 | 3.382590500274884 | 3.117547026970298 |
| 1967-68 | 14.32757673225817 | 3.028739314456498 | 3.8915765500860644 |
| 1968-69 | -0.0346779729415604 | 5.218990554744639 | 4.594031983593713 |
| 1969-70 | 6.364195194078919 | 8.158613625685732 | 5.196005426460083 |
| 1970-71 | 6.160370025292007 | -2.2049147996998535 | 4.21198266174027 |
| 1971-72 | -1.710890783265385 | 2.6517259671818234 | 3.6139096073231847 |
| 1972-73 | -4.598001059851343 | 3.4775632021747103 | 3.0233627549930544 |
| 1973-74 | 6.948126805147103 | 0.9656611185526156 | 3.3078129272276877 |
| 1974-75 | -1.2611880610247383 | 1.2898487912531467 | 4.419663923886667 |
| 1975-76 | 12.856670021590548 | 6.190389380546923 | 6.710696328956807 |
| 1976-77 | -5.379735335374681 | 9.251233227917638 | 4.621729103216552 |
| 1977-78 | 9.713432402533815 | 7.263174817989759 | 4.880377230496773 |
| 1978-79 | 2.320430807328166 | 7.904124687004766 | 6.684364060123528 |
| 1979-80 | -12.163561619758811 | -3.465725730502257 | 2.310932728785305 |
| 1980-81 | 12.852734686887294 | 4.086518706022785 | 4.443214137028125 |
| 1981-82 | 5.381655282694547 | 7.438489653145502 | 5.28775882340643 |
| 1982-83 | 0.17985615798986196 | 1.6849132617295353 | 6.867002208615286 |
| 1983-84 | 9.411725019163894 | 8.662912788954298 | 5.57863922473774 |
| 1984-85 | 1.5158505787753591 | 5.379863666991591 | 6.203600790311871 |
| 1985-86 | 0.8124640631738307 | 4.472513353590866 | 7.769113918932625 |
| 1986-87 | 0.26951757273246046 | 5.635758740981309 | 7.44438034170213 |
| 1987-88 | -1.1198641285234672 | 6.402240763114167 | 6.4397783453597786 |
| 1988-89 | 15.554408496708568 | 8.421247949082451 | 7.045538345679107 |
| 1989-90 | 1.765358110397023 | 9.57015153790806 | 8.792634627547375 |
| 1990-91 | 4.542828870086934 | 7.06864058645237 | 5.2337876686939495 |
| 1991-92 | -1.3375506750857886 | -0.5581332447134214 | 4.710303256350244 |
| 1992-93 | 5.795728617144135 | 3.940932839048949 | 5.512963887039451 |

| | | | |
|---|---|---|---|
| 1993-94 | 3.5391899065575383 | 5.984660429438571 | 7.458545611759392 |
| 1994-95 | 5.203449437107533 | 9.780586475094932 | 6.490476617018284 |
| 1995-96 | -0.2468424148213632 | 12.23007762126241 | 10.272883914845737 |
| 1996-97 | 8.97912160588811 | 7.534527439592255 | 7.385969464726349 |
| 1997-98 | -1.528712126301787 | 3.433558483665771 | 9.32826435222371 |
| 1998-99 | 5.961833548645535 | 4.060216014530076 | 8.322272765600598 |
| 1999-00 | 1.6408956962911212 | 4.820629259751706 | 9.761339489549414 |
| 2000-01 | 0.0409979284191654 | 6.852725702793959 | 5.571634807384587 |
| 2001-02 | 5.899977570994218 | 3.265693153569496 | 6.970695779940996 |
| 2002-03 | -5.752145024939274 | 6.617499934509387 | 7.690876895622638 |
| 2003-04 | 9.291221379062321 | 7.214738168998256 | 8.77624976244502 |
| 2004-05 | 1.1330774710672775 | 9.261371410722596 | 9.03697949623381 |
| 2005-06 | 6.31486719284418 | 10.983862561869987 | 9.579779815921965 |
| 2006-07 | 4.426696097134792 | 11.19697546422237 | 11.323905731080082 |
| 2007-08 | 4.69612574834362 | 8.474227069282392 | 10.924883163157032 |
| 2008-09 | 1.8032793369478348 | 3.801043264833587 | 9.621410228995284 |

## Table 5: Three-sector division of GDP for base year: 1993-94

| Year | Primary sector | Secondary sector | Tertiary sector |
|---|---|---|---|
| 1950-51 | 83707.558270422 | 20342.17772152632 | 40159.93788228863 |
| 1951-52 | 85181.87261941469 | 21231.946262846803 | 41243.99348879518 |
| 1952-53 | 87848.0870224784 | 21320.981145178983 | 42520.33465521619 |
| 1953-54 | 94465.15230048518 | 22707.206202674868 | 43762.46172124595 |
| 1954-55 | 97274.68927531106 | 24620.54993422135 | 45857.53115770418 |
| 1955-56 | 96496.28229885359 | 27297.996047429035 | 48201.093228915204 |
| 1956-57 | 101732.3683335508 | 29670.78241296143 | 50522.35353035627 |
| 1957-58 | 97459.6438184569 | 29497.15662879779 | 52440.07440224804 |
| 1958-59 | 107079.61519064318 | 31542.977392817185 | 54665.8629677696 |
| 1959-60 | 106184.53502554997 | 33771.559993558476 | 57428.58593394675 |
| 1960-61 | 113592.20432786897 | 37243.43562818579 | 60782.91496683979 |
| 1961-62 | 113892.01990924495 | 39962.66248912552 | 64097.72167877775 |
| 1962-63 | 112151.68549476544 | 42550.69203497795 | 67771.81510599147 |
| 1963-64 | 114801.6339186918 | 47020.62580202312 | 71850.14061884052 |
| 1964-65 | 125051.02363887733 | 50454.67380359743 | 76013.70499916817 |
| 1965-66 | 112253.30877393277 | 51900.968917856444 | 78161.33222808022 |
| 1966-67 | 110843.85715025433 | 53571.435555806805 | 80573.741950126 |
| 1967-68 | 126726.89393836028 | 55110.46343646979 | 83715.97793008944 |
| 1968-69 | 126682.47717330416 | 58008.51441568427 | 87563.34224635691 |
| 1969-70 | 134745.03814489083 | 62838.72569467897 | 92112.31131188452 |
| 1970-71 | 142581.0 | 58997.0 | 95331.0 |
| 1971-72 | 140142.0 | 60582.0 | 98723.0 |
| 1972-73 | 133699.0 | 62699.0 | 101675.0 |
| 1973-74 | 142988.0 | 63363.0 | 105076.0 |
| 1974-75 | 141185.0 | 64217.0 | 109797.0 |
| 1975-76 | 159337.0 | 68145.0 | 117267.0 |
| 1976-77 | 150766.0 | 74448.0 | 122673.0 |
| 1977-78 | 165410.0 | 79827.0 | 128745.0 |
| 1978-79 | 169248.0 | 86239.0 | 137430.0 |
| 1979-80 | 148663.0 | 83274.0 | 140436.0 |
| 1980-81 | 167770.0 | 86605.0 | 146753.0 |
| 1981-82 | 177341.0 | 93029.0 | 154702.0 |
| 1982-83 | 177300.0 | 95695.0 | 165084.0 |
| 1983-84 | 193508.0 | 103992.0 | 174242.0 |
| 1984-85 | 196353.0 | 110474.0 | 185250.0 |
| 1985-86 | 198353.0 | 115689.0 | 199948.0 |
| 1986-87 | 198740.0 | 122847.0 | 214670.0 |
| 1987-88 | 196735.0 | 131417.0 | 228626.0 |
| 1988-89 | 227095.0 | 142738.0 | 245265.0 |
| 1989-90 | 231389.0 | 157979.0 | 266964.0 |
| 1990-91 | 242012.0 | 169703.0 | 281156.0 |
| 1991-92 | 239253.0 | 167967.0 | 294643.0 |

| | | | |
|---|---|---|---|
| 1992-93 | 252205.0 | 175175.0 | 310411.0 |
| 1993-94 | 262059.0 | 185070.0 | 334216.0 |
| 1994-95 | 276049.0 | 204092.0 | 357890.0 |
| 1995-96 | 275153.0 | 229098.0 | 395312.0 |
| 1996-97 | 299461.0 | 246848.0 | 423773.0 |
| 1997-98 | 295051.0 | 256121.0 | 465423.0 |
| 1998-99 | 312485.0 | 265955.0 | 504307.0 |
| 1999-00 | 314252.0 | 279066.0 | 555049.0 |
| 2000-01 | 314585.0 | 298472.0 | 585535.0 |
| 2001-02 | 333274.0 | 309557.0 | 625114.0 |
| 2002-03 | 314578.0 | 329212.0 | 674572.0 |
| 2003-04 | 343806.0 | 351046.0 | 735696.0 |
| 2004-05 | 348880.0 | 379060.0 | 801468.0 |
| 2005-06 | 372891.33869038924 | 421952.8260288979 | 870188.9674046404 |
| 2006-07 | 389393.10449655214 | 469244.4571975728 | 969529.2508459312 |
| 2007-08 | 407681.2593878734 | 508858.9939807414 | 1076157.4764122302 |
| 2008-09 | 415030.5741358511 | 527717.9529100903 | 1179197.5793367266 |

**\*All GDP figures in Rs. Crore**
**\*\* The figures with extra decimals are a result of extrapolation and are thus different
from those obtained from raw data**

Table 6: Percentage contribution of each of the three sectors to total GDP over time (Base: 1993-94)

| Year | % Primary | % Secondary | % Tertiary |
|---|---|---|---|
| 1950-51 | 58.05 | 14.11 | 27.85 |
| 1951-52 | 57.69 | 14.38 | 27.93 |
| 1952-53 | 57.91 | 14.06 | 28.03 |
| 1953-54 | 58.7 | 14.11 | 27.19 |
| 1954-55 | 57.99 | 14.68 | 27.34 |
| 1955-56 | 56.1 | 15.87 | 28.02 |
| 1956-57 | 55.92 | 16.31 | 27.77 |
| 1957-58 | 54.33 | 16.44 | 29.23 |
| 1958-59 | 55.4 | 16.32 | 28.28 |
| 1959-60 | 53.8 | 17.11 | 29.09 |
| 1960-61 | 53.68 | 17.6 | 28.72 |
| 1961-62 | 52.26 | 18.34 | 29.41 |
| 1962-63 | 50.41 | 19.13 | 30.46 |
| 1963-64 | 49.13 | 20.12 | 30.75 |
| 1964-65 | 49.72 | 20.06 | 30.22 |
| 1965-66 | 46.33 | 21.42 | 32.26 |
| 1966-67 | 45.24 | 21.87 | 32.89 |
| 1967-68 | 47.72 | 20.75 | 31.53 |
| 1968-69 | 46.53 | 21.31 | 32.16 |
| 1969-70 | 46.51 | 21.69 | 31.8 |
| 1970-71 | 48.02 | 19.87 | 32.11 |
| 1971-72 | 46.8 | 20.23 | 32.97 |
| 1972-73 | 44.85 | 21.03 | 34.11 |
| 1973-74 | 45.91 | 20.35 | 33.74 |
| 1974-75 | 44.79 | 20.37 | 34.83 |
| 1975-76 | 46.22 | 19.77 | 34.02 |
| 1976-77 | 43.34 | 21.4 | 35.26 |
| 1977-78 | 44.23 | 21.35 | 34.43 |
| 1978-79 | 43.07 | 21.95 | 34.98 |
| 1979-80 | 39.92 | 22.36 | 37.71 |
| 1980-81 | 41.82 | 21.59 | 36.59 |
| 1981-82 | 41.72 | 21.89 | 36.39 |
| 1982-83 | 40.47 | 21.84 | 37.68 |
| 1983-84 | 41.02 | 22.04 | 36.94 |
| 1984-85 | 39.9 | 22.45 | 37.65 |
| 1985-86 | 38.59 | 22.51 | 38.9 |
| 1986-87 | 37.06 | 22.91 | 40.03 |

| | | | |
|---|---|---|---|
| 1987-88 | 35.33 | 23.6 | 41.06 |
| 1988-89 | 36.92 | 23.21 | 39.87 |
| 1989-90 | 35.25 | 24.07 | 40.68 |
| 1990-91 | 34.93 | 24.49 | 40.58 |
| 1991-92 | 34.09 | 23.93 | 41.98 |
| 1992-93 | 34.18 | 23.74 | 42.07 |
| 1993-94 | 33.54 | 23.69 | 42.77 |
| 1994-95 | 32.94 | 24.35 | 42.71 |
| 1995-96 | 30.59 | 25.47 | 43.94 |
| 1996-97 | 30.87 | 25.45 | 43.68 |
| 1997-98 | 29.02 | 25.19 | 45.78 |
| 1998-99 | 28.86 | 24.56 | 46.58 |
| 1999-00 | 27.37 | 24.3 | 48.33 |
| 2000-01 | 26.25 | 24.9 | 48.85 |
| 2001-02 | 26.28 | 24.41 | 49.3 |
| 2002-03 | 23.86 | 24.97 | 51.17 |
| 2003-04 | 24.03 | 24.54 | 51.43 |
| 2004-05 | 23.19 | 25.13 | 51.68 |
| 2005-06 | 22.4 | 25.34 | 52.26 |
| 2006-07 | 21.3 | 25.67 | 53.03 |
| 2007-08 | 20.46 | 25.54 | 54.01 |

Table 7: Percentage contribution of each of the three sectors to total SGDP of Goa over time (Base: 2004-05)

| Year | % Primary | % Secondary | % Tertiary |
|------|-----------|-------------|------------|
| 1993-94 | 18.99 | 40.47 | 40.55 |
| 1994-95 | 18.34 | 36.52 | 45.15 |
| 1995-96 | 16.3 | 35.77 | 47.93 |
| 1996-97 | 13.52 | 38.05 | 48.44 |
| 1997-98 | 16.62 | 35.65 | 47.73 |
| 1998-99 | 12.21 | 42.6 | 45.19 |
| 1999-00 | 10.92 | 45.69 | 43.39 |
| 2000-01 | 9.72 | 48.01 | 42.27 |
| 2001-02 | 9.31 | 49.53 | 41.16 |
| 2002-03 | 8.47 | 48.96 | 42.57 |
| 2003-04 | 12.97 | 41.43 | 45.6 |
| 2004-05 | 12.08 | 41.35 | 46.57 |
| 2005-06 | 13.25 | 40.88 | 45.86 |
| 2006-07 | 11.91 | 41.78 | 46.31 |
| 2007-08 | 10.58 | 41.51 | 47.91 |
| 2008-09 | 9.66 | 39.92 | 50.42 |
| 2009-10 | 8.78 | 37.23 | 53.99 |
| 2010-11 | 5.96 | 38.42 | 55.62 |
| 2011-12 | 5.27 | 31.28 | 63.45 |
| 2012-13 | 3.6 | 29.93 | 66.47 |
| 2013-14 | 4.6 | 28.14 | 67.25 |

Table 8: Percentage contributions of each of the subsectors of the primary sector to the total SGDP of Goa (Base: 2004-05)

| Year | % Agriculture | % Allied Activities | % Mining & Quarrying | % Primary |
|---|---|---|---|---|
| 1993-94 | 5.90 | 7.31 | 5.78 | 18.99 |
| 1994-95 | 5.79 | 6.27 | 6.28 | 18.34 |
| 1995-96 | 5.40 | 5.52 | 5.38 | 16.3 |
| 1996-97 | 4.97 | 4.47 | 4.08 | 13.52 |
| 1997-98 | 4.58 | 5.91 | 6.13 | 16.62 |
| 1998-99 | 4.34 | 3.06 | 4.81 | 12.21 |
| 1999-00 | 4.73 | 2.71 | 3.48 | 10.92 |
| 2000-01 | 3.98 | 2.49 | 3.25 | 9.72 |
| 2001-02 | 3.96 | 2.34 | 3.01 | 9.31 |
| 2002-03 | 3.59 | 1.76 | 3.11 | 8.47 |
| 2003-04 | 5.34 | 3.28 | 4.35 | 12.97 |
| 2004-05 | 5.01 | 2.76 | 4.31 | 12.08 |
| 2005-06 | 6.19 | 2.98 | 4.07 | 13.25 |
| 2006-07 | 4.07 | 2.59 | 5.25 | 11.91 |
| 2007-08 | 4.25 | 2.29 | 4.03 | 10.58 |
| 2008-09 | 3.52 | 2.02 | 4.13 | 9.66 |
| 2009-10 | 3.00 | 1.73 | 4.05 | 8.78 |
| 2010-11 | 2.75 | 1.62 | 1.59 | 5.96 |
| 2011-12 | 2.34 | 1.31 | 1.62 | 5.27 |
| 2012-13 | 2.10 | 1.14 | 0.36 | 3.6 |
| 2013-14 | 2.05 | 1.45 | 1.10 | 4.6 |

Table 9: Percentage contributions of each of the subsectors of the secondary sector to the total SGDP of Goa (Base: 2004-05)

| Year | % Manu. | % E, G & W supply | % Construction | % Secondary |
|------|---------|-------------------|----------------|-------------|
| 1993-94 | 33.16 | 1.08 | 6.23 | 40.47 |
| 1994-95 | 27.90 | 1.17 | 7.45 | 36.52 |
| 1995-96 | 28.44 | 1.10 | 6.23 | 35.77 |
| 1996-97 | 30.15 | 0.98 | 6.91 | 38.05 |
| 1997-98 | 27.60 | 0.99 | 7.06 | 35.65 |
| 1998-99 | 34.03 | 1.22 | 7.36 | 42.6 |
| 1999-00 | 37.30 | 1.20 | 7.19 | 45.69 |
| 2000-01 | 37.58 | 1.20 | 9.23 | 48.01 |
| 2001-02 | 38.06 | 1.53 | 9.94 | 49.53 |
| 2002-03 | 38.08 | 1.68 | 9.20 | 48.96 |
| 2003-04 | 27.78 | 0.97 | 12.68 | 41.43 |
| 2004-05 | 28.57 | 1.24 | 11.54 | 41.35 |
| 2005-06 | 28.60 | 1.31 | 10.98 | 40.88 |
| 2006-07 | 29.31 | 1.49 | 10.98 | 41.78 |
| 2007-08 | 29.02 | 1.34 | 11.14 | 41.51 |
| 2008-09 | 27.89 | 1.13 | 10.90 | 39.92 |
| 2009-10 | 25.94 | 0.99 | 10.30 | 37.23 |
| 2010-11 | 25.49 | 1.54 | 11.39 | 38.42 |
| 2011-12 | 20.87 | 0.16 | 10.25 | 31.28 |
| 2012-13 | 19.10 | 0.07 | 10.76 | 29.93 |
| 2013-14 | 17.04 | 0.02 | 11.08 | 28.14 |

**\*** E, G & W supply = Electricity, Gas & Water supply

Table 10: Percentage contributions of each of the subsectors of the tertiary sector to the total SGDP of Goa (Base: 2004-05)

| Year | % T, h, tr & c | % F, i, real e & b services | % C, s & p services | % Tertiary |
|---|---|---|---|---|
| 1993-94 | 13.56 | 11.95 | 15.03 | 40.55 |
| 1994-95 | 17.05 | 13.18 | 14.92 | 45.15 |
| 1995-96 | 15.55 | 18.68 | 13.70 | 47.93 |
| 1996-97 | 14.99 | 21.31 | 12.14 | 48.44 |
| 1997-98 | 14.04 | 20.81 | 12.88 | 47.73 |
| 1998-99 | 17.09 | 15.70 | 12.40 | 45.19 |
| 1999-00 | 13.81 | 16.93 | 12.65 | 43.39 |
| 2000-01 | 15.47 | 13.42 | 13.38 | 42.27 |
| 2001-02 | 11.70 | 16.42 | 13.04 | 41.16 |
| 2002-03 | 17.28 | 13.10 | 12.19 | 42.57 |
| 2003-04 | 16.04 | 17.64 | 11.91 | 45.6 |
| 2004-05 | 26.80 | 12.24 | 7.53 | 46.57 |
| 2005-06 | 26.48 | 12.33 | 7.05 | 45.86 |
| 2006-07 | 26.23 | 13.07 | 7.01 | 46.31 |
| 2007-08 | 26.04 | 14.47 | 7.40 | 47.91 |
| 2008-09 | 28.31 | 14.70 | 7.41 | 50.42 |
| 2009-10 | 32.23 | 14.48 | 7.29 | 53.99 |
| 2010-11 | 33.15 | 13.90 | 8.58 | 55.62 |
| 2011-12 | 42.29 | 13.06 | 8.10 | 63.45 |
| 2012-13 | 43.72 | 13.85 | 8.91 | 66.47 |
| 2013-14 | 43.01 | 14.51 | 9.73 | 67.25 |

* T, h, tr & c = Trade, hotels, transport & communication
  F, i, real e & b services = Finance, insurance, real estate & business services
  C, s & p services = Community, social & personal services

1. A copy of the original **Components of GDP** data for base year 1999-2000, as sample raw data (this data was used to obtain Figure 3 and Figure 4)

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**TABLE 3 : COMPONENTS OF GROSS DOMESTIC PRODUCT**
**(At Factor Cost)**

(Rupees crore)

| Year | Agriculture & Allied Activities | | Agriculture | | Industry | | Mining & Quarrying | |
| | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| New series (Base : 1999-2000) | | | | | | | | |
| 1950-51 | 123884 | 5080 | 108374 | 4801 | 23865 | 1153 | 3178 | 75 |
| 1951-52 | 125732 | 5245 | 110151 | 4967 | 24968 | 1283 | 3570 | 84 |
| 1952-53 | 129697 | 5110 | 114733 | 4884 | 25803 | 1218 | 3652 | 86 |
| 1953-54 | 139685 | 5630 | 125051 | 5416 | 27574 | 1361 | 3707 | 87 |
| 1954-55 | 143791 | 4789 | 128548 | 4543 | 29419 | 1415 | 3866 | 91 |
| 1955-56 | 142549 | 4644 | 126646 | 4391 | 31512 | 1458 | 3927 | 93 |
| 1956-57 | 150298 | 5900 | 134226 | 5618 | 33800 | 1737 | 4126 | 113 |
| 1957-58 | 143547 | 5778 | 127405 | 5487 | 35343 | 1869 | 4394 | 131 |
| 1958-59 | 158010 | 6703 | 141733 | 6403 | 37116 | 2001 | 4532 | 140 |
| 1959-60 | 156420 | 6734 | 139666 | 6404 | 39688 | 2238 | 4765 | 149 |
| 1960-61 | 166954 | 7090 | 149838 | 6717 | 43297 | 2608 | 5478 | 177 |
| 1961-62 | 167095 | 7343 | 149355 | 6919 | 46949 | 2870 | 5794 | 187 |
| 1962-63 | 163771 | 7497 | 146149 | 7063 | 50739 | 3209 | 6481 | 224 |
| 1963-64 | 167602 | 8823 | 148887 | 8349 | 55326 | 3652 | 6673 | 243 |
| 1964-65 | 183062 | 10781 | 164271 | 10268 | 58850 | 4018 | 6769 | 256 |
| 1965-66 | 162848 | 10751 | 142144 | 10173 | 60423 | 4317 | 7565 | 296 |
| 1966-67 | 160532 | 12506 | 138892 | 11849 | 61287 | 4751 | 7743 | 321 |
| 1967-68 | 184404 | 15650 | 162603 | 14924 | 62124 | 5128 | 7978 | 374 |
| 1968-69 | 184112 | 16132 | 162042 | 15263 | 65650 | 5574 | 8204 | 399 |
| 1969-70 | 195946 | 17644 | 173788 | 16747 | 72138 | 6417 | 8609 | 444 |
| 1970-71 | 209843 | 18192 | 186668 | 17221 | 73235 | 7000 | 8019 | 465 |
| 1971-72 | 205903 | 18584 | 181696 | 17512 | 75839 | 7730 | 8231 | 487 |
| 1972-73 | 195570 | 20440 | 171471 | 19218 | 79016 | 8558 | 8717 | 525 |
| 1973-74 | 209655 | 26936 | 185920 | 25426 | 82119 | 10251 | 8827 | 600 |
| 1974-75 | 206461 | 29509 | 180797 | 27700 | 84793 | 13260 | 9265 | 856 |
| 1975-76 | 233074 | 29249 | 206462 | 27284 | 88311 | 14125 | 10388 | 1088 |
| 1976-77 | 219606 | 29882 | 193905 | 27749 | 95715 | 15867 | 10757 | 1245 |
| 1977-78 | 241646 | 35380 | 218172 | 33004 | 101219 | 17782 | 11094 | 1376 |
| 1978-79 | 247210 | 36361 | 222520 | 33595 | 112569 | 20447 | 11395 | 1496 |
| 1979-80 | 215630 | 37616 | 192788 | 34384 | 109864 | 23584 | 11517 | 1867 |
| 1980-81 | 243421 | 47312 | 220624 | 43475 | 112002 | 26657 | 12921 | 2327 |
| 1981-82 | 254622 | 53327 | 231320 | 48809 | 121997 | 32733 | 14687 | 4150 |
| 1982-83 | 253907 | 57496 | 230997 | 52321 | 127645 | 36557 | 16433 | 5121 |
| 1983-84 | 279605 | 68613 | 255837 | 62947 | 139098 | 42995 | 16909 | 5737 |
| 1984-85 | 284037 | 73989 | 259633 | 67679 | 145294 | 48610 | 17107 | 6454 |
| 1985-86 | 284930 | 79294 | 260139 | 72445 | 150992 | 54063 | 18040 | 6902 |
| 1986-87 | 283763 | 85108 | 259122 | 77409 | 161250 | 60348 | 20249 | 8047 |
| 1987-88 | 279257 | 94677 | 254647 | 86060 | 170277 | 67753 | 21013 | 8428 |
| 1988-89 | 322932 | 116925 | 297543 | 107149 | 186578 | 80841 | 24411 | 11020 |
| 1989-90 | 326773 | 129222 | 298720 | 117796 | 202947 | 96292 | 26266 | 12161 |
| 1990-91 | 339893 | 150800 | 311500 | 137925 | 214552 | 110760 | 29014 | 13775 |
| 1991-92 | 333256 | 176166 | 304301 | 162403 | 213925 | 121918 | 29988 | 15096 |
| 1992-93 | 355421 | 197569 | 325777 | 181799 | 220880 | 142566 | 30264 | 17409 |
| 1993-94 | 367231 | 229172 | 336136 | 210518 | 237376 | 165663 | 30685 | 20249 |
| 1994-95 | 384549 | 263895 | 352069 | 241990 | 262164 | 202888 | 33535 | 22839 |
| 1995-96 | 381875 | 286946 | 348626 | 263446 | 296664 | 248450 | 35502 | 25467 |
| 1996-97 | 419759 | 345020 | 384886 | 318410 | 320266 | 280247 | 35699 | 27918 |
| 1997-98 | 409039 | 366125 | 373446 | 334713 | 326720 | 300389 | 39201 | 33677 |
| 1998-99 | 434892 | 420486 | 400030 | 386922 | 338369 | 332464 | 40309 | 35955 |
| 1999-00 | 446515 | 446515 | 409660 | 409660 | 350233 | 350233 | 41594 | 41594 |
| 2000-01 | 445403 | 449565 | 407176 | 408932 | 372599 | 392138 | 42589 | 45706 |
| 2001-02 | 473249 | 486617 | 433475 | 442464 | 381366 | 410667 | 43335 | 47871 |
| 2002-03 | 438966 | 472060 | 398206 | 425521 | 407276 | 463302 | 47168 | 62742 |
| 2003-04 | 482676 | 532342 | 441360 | 483030 | 431724 | 509106 | 48626 | 63882 |
| 2004-05 | 482910 | 552422 | 441647 | 501415 | 468451 | 598271 | 52591 | 84776 |
| 2005-06 | 511114 | 625635 | 467984 | 567897 | 506519 | 679781 | 55164 | 94533 |
| 2006-07 | 531315 | 686044 | 487010 | 625161 | 560775 | 794127 | 60038 | 106024 |
| 2007-08 | 557122 | 782597 | 511274 | 718278 | 602032 | 898627 | 61999 | 117431 |
| 2008-09 | 566045 | 861753 | . | . | 617882 | 985297 | 64244 | 125414 |

(Continued)

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## TABLE 3 : COMPONENTS OF GROSS DOMESTIC PRODUCT
### (At Factor Cost) (Contd.)

(Rupees crore)

| Year | Manufacturing | | Electricity, Gas & Water Supply | | Services | | Construction | |
|---|---|---|---|---|---|---|---|---|
| | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices |
| 1 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| New series (Base : 1999-2000) | | | | | | | | |
| 1950-51 | 19996 | 1056 | 691 | 23 | 76349 | 3431 | 9931 | 249 |
| 1951-52 | 20627 | 1171 | 771 | 28 | 78827 | 3679 | 10610 | 285 |
| 1952-53 | 21345 | 1103 | 807 | 29 | 80144 | 3772 | 9841 | 265 |
| 1953-54 | 22997 | 1243 | 870 | 31 | 82487 | 3989 | 10144 | 266 |
| 1954-55 | 24608 | 1289 | 945 | 35 | 87143 | 4181 | 11399 | 295 |
| 1955-56 | 26535 | 1325 | 1050 | 40 | 93071 | 4482 | 13558 | 368 |
| 1956-57 | 28528 | 1578 | 1146 | 47 | 98369 | 4915 | 15117 | 416 |
| 1957-58 | 29627 | 1680 | 1322 | 58 | 99712 | 5221 | 13268 | 382 |
| 1958-59 | 31094 | 1794 | 1490 | 67 | 104911 | 5647 | 14827 | 441 |
| 1959-60 | 33206 | 2009 | 1717 | 80 | 110424 | 6134 | 15844 | 491 |
| 1960-61 | 35961 | 2339 | 1857 | 91 | 118316 | 6849 | 18324 | 635 |
| 1961-62 | 39032 | 2580 | 2124 | 103 | 124354 | 7246 | 18968 | 666 |
| 1962-63 | 41873 | 2865 | 2385 | 121 | 131135 | 8020 | 19674 | 702 |
| 1963-64 | 45834 | 3267 | 2819 | 143 | 140222 | 8866 | 22076 | 803 |
| 1964-65 | 49003 | 3593 | 3077 | 170 | 148833 | 10052 | 23850 | 953 |
| 1965-66 | 49458 | 3829 | 3400 | 192 | 154037 | 11031 | 25442 | 1095 |
| 1966-67 | 49848 | 4188 | 3696 | 241 | 160177 | 12379 | 27533 | 1291 |
| 1967-68 | 50041 | 4475 | 4105 | 279 | 167308 | 13930 | 29513 | 1510 |
| 1968-69 | 52812 | 4843 | 4634 | 332 | 174669 | 14935 | 30546 | 1638 |
| 1969-70 | 58478 | 5578 | 5050 | 395 | 183108 | 16198 | 31495 | 1828 |
| 1970-71 | 59852 | 6088 | 5364 | 448 | 190513 | 17711 | 31426 | 1934 |
| 1971-72 | 61808 | 6754 | 5800 | 489 | 196487 | 19433 | 31563 | 2128 |
| 1972-73 | 64231 | 7505 | 6068 | 529 | 202269 | 21307 | 32304 | 2319 |
| 1973-74 | 67088 | 9081 | 6204 | 570 | 205731 | 24158 | 30206 | 2391 |
| 1974-75 | 69044 | 11670 | 6485 | 734 | 212398 | 29569 | 29244 | 2618 |
| 1975-76 | 70500 | 12139 | 7423 | 898 | 228688 | 33755 | 33413 | 3271 |
| 1976-77 | 76682 | 13432 | 8275 | 1190 | 241005 | 37305 | 36681 | 3871 |
| 1977-78 | 81455 | 15046 | 8670 | 1360 | 254546 | 41361 | 40394 | 4496 |
| 1978-79 | 91516 | 17326 | 9659 | 1624 | 267828 | 44893 | 39493 | 4614 |
| 1979-80 | 88568 | 19840 | 9778 | 1877 | 271303 | 49957 | 37408 | 4656 |
| 1980-81 | 88740 | 22159 | 10340 | 2171 | 286499 | 58550 | 42339 | 6059 |
| 1981-82 | 95990 | 26062 | 11320 | 2521 | 301413 | 69098 | 44658 | 6922 |
| 1982-83 | 99147 | 28455 | 12065 | 2981 | 316309 | 79285 | 41522 | 7848 |
| 1983-84 | 109291 | 33736 | 12899 | 3521 | 333966 | 91142 | 43764 | 9023 |
| 1984-85 | 113890 | 37899 | 14297 | 4258 | 353153 | 105095 | 45279 | 10586 |
| 1985-86 | 117520 | 42018 | 15431 | 5143 | 379128 | 121070 | 47843 | 12355 |
| 1986-87 | 123977 | 46451 | 17023 | 5850 | 405204 | 138226 | 48986 | 14216 |
| 1987-88 | 130920 | 52759 | 18344 | 6566 | 430732 | 159160 | 51795 | 16854 |
| 1988-89 | 142043 | 62183 | 20123 | 7637 | 460192 | 186024 | 55436 | 19651 |
| 1989-90 | 154599 | 74995 | 22082 | 9136 | 499459 | 216621 | 59336 | 22805 |
| 1990-91 | 161979 | 86006 | 23559 | 10979 | 529127 | 253472 | 66330 | 27699 |
| 1991-92 | 158094 | 93379 | 25843 | 13442 | 551890 | 296084 | 67696 | 31133 |
| 1992-93 | 162979 | 108182 | 27636 | 16976 | 581723 | 341382 | 70053 | 35521 |
| 1993-94 | 176982 | 125402 | 29710 | 20011 | 619209 | 397316 | 70452 | 39240 |
| 1994-95 | 196133 | 154943 | 32495 | 25107 | 655363 | 458456 | 74243 | 45093 |
| 1995-96 | 226458 | 193731 | 34704 | 29252 | 718434 | 547893 | 78683 | 53042 |
| 1996-97 | 247975 | 220759 | 36593 | 31570 | 768353 | 635444 | 80158 | 60382 |
| 1997-98 | 248101 | 229595 | 39417 | 37117 | 837504 | 735419 | 88553 | 74999 |
| 1998-99 | 255872 | 250581 | 42189 | 45928 | 905148 | 863133 | 94109 | 88784 |
| 1999-00 | 264114 | 264113 | 44526 | 44526 | 989778 | 989778 | 102007 | 102007 |
| 2000-01 | 284571 | 300392 | 45439 | 46040 | 1046299 | 1083314 | 108362 | 111999 |
| 2001-02 | 291803 | 315314 | 46228 | 47482 | 1117991 | 1200442 | 112692 | 120865 |
| 2002-03 | 311685 | 346029 | 48423 | 54531 | 1202044 | 1326053 | 121650 | 135172 |
| 2003-04 | 332363 | 388549 | 50735 | 56675 | 1308358 | 1496722 | 136224 | 156806 |
| 2004-05 | 361115 | 453603 | 54745 | 59892 | 1437407 | 1727008 | 158212 | 212807 |
| 2005-06 | 393842 | 519743 | 57513 | 65505 | 1598468 | 1976969 | 183868 | 264173 |
| 2006-07 | 440193 | 617648 | 60544 | 70455 | 1779029 | 2299212 | 205543 | 319180 |
| 2007-08 | 476303 | 705130 | 63730 | 76066 | 1970563 | 2639668 | 226325 | 376266 |
| 2008-09 | 487739 | 780405 | 65899 | 79478 | 2155448 | 3086132 | 242577 | 437017 |

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## TABLE 3 : COMPONENTS OF GROSS DOMESTIC PRODUCT
### (At Factor Cost) (Concld.)

(Rupees crore)

| Year | Trade, Hotels, Transport & Communication | | Financing, Insurance, Real Estate & Business Services | | Community, Social & Personal Services | |
|---|---|---|---|---|---|---|
| | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices | At Constant Prices | At Current Prices |
| 1 | 18 | 19 | 20 | 21 | 22 | 23 |
| New series (Base : 1999-2000) | | | | | | |
| 1950-51 | 25409 | 939 | 17238 | 1162 | 23771 | 1080 |
| 1951-52 | 26097 | 1017 | 17635 | 1250 | 24485 | 1126 |
| 1952-53 | 26940 | 1024 | 18374 | 1320 | 24989 | 1163 |
| 1953-54 | 27943 | 1087 | 18637 | 1424 | 25763 | 1212 |
| 1954-55 | 29738 | 1117 | 19318 | 1526 | 26686 | 1244 |
| 1955-56 | 31907 | 1157 | 20094 | 1638 | 27512 | 1319 |
| 1956-57 | 34262 | 1337 | 20423 | 1776 | 28567 | 1386 |
| 1957-58 | 35392 | 1480 | 21194 | 1903 | 29858 | 1457 |
| 1958-59 | 37206 | 1618 | 21795 | 2041 | 31083 | 1548 |
| 1959-60 | 39532 | 1747 | 22628 | 2190 | 32420 | 1706 |
| 1960-61 | 42885 | 1926 | 23096 | 2360 | 34012 | 1928 |
| 1961-62 | 45687 | 2082 | 24089 | 2411 | 35610 | 2087 |
| 1962-63 | 48421 | 2279 | 24900 | 2768 | 38139 | 2270 |
| 1963-64 | 51833 | 2550 | 25670 | 2994 | 40642 | 2518 |
| 1964-65 | 55287 | 2992 | 26374 | 3254 | 43322 | 2854 |
| 1965-66 | 56385 | 3245 | 27171 | 3517 | 45039 | 3174 |
| 1966-67 | 57880 | 3772 | 27648 | 3765 | 47116 | 3552 |
| 1967-68 | 60424 | 4311 | 28401 | 4131 | 48970 | 3977 |
| 1968-69 | 63185 | 4590 | 29786 | 4422 | 51152 | 4285 |
| 1969-70 | 66613 | 4954 | 31024 | 4744 | 53976 | 4672 |
| 1970-71 | 69816 | 5458 | 32321 | 5169 | 56950 | 5150 |
| 1971-72 | 71445 | 5919 | 33987 | 5668 | 59493 | 5718 |
| 1972-73 | 73226 | 6528 | 35301 | 6203 | 61439 | 6256 |
| 1973-74 | 76297 | 7814 | 36165 | 6917 | 63063 | 7036 |
| 1974-75 | 81054 | 10319 | 36049 | 7774 | 66051 | 8858 |
| 1975-76 | 88357 | 11701 | 38534 | 8813 | 68384 | 9971 |
| 1976-77 | 92449 | 12673 | 41590 | 9802 | 70284 | 10960 |
| 1977-78 | 98356 | 14258 | 43626 | 10693 | 72171 | 11914 |
| 1978-79 | 106338 | 15635 | 46708 | 11534 | 75290 | 13110 |
| 1979-80 | 105939 | 18042 | 47163 | 12579 | 80793 | 14679 |
| 1980-81 | 111997 | 21298 | 48067 | 14010 | 84095 | 17183 |
| 1981-82 | 118888 | 26125 | 51972 | 16526 | 85895 | 19524 |
| 1982-83 | 125343 | 29818 | 56926 | 18952 | 92518 | 22667 |
| 1983-84 | 131718 | 34636 | 62510 | 21671 | 95974 | 25813 |
| 1984-85 | 138069 | 39878 | 67182 | 24932 | 102623 | 29699 |
| 1985-86 | 149032 | 46567 | 73741 | 28557 | 108512 | 33591 |
| 1986-87 | 158041 | 52636 | 81510 | 32743 | 116666 | 38631 |
| 1987-88 | 166349 | 60107 | 87487 | 37422 | 125102 | 44776 |
| 1988-89 | 176066 | 70968 | 96024 | 43481 | 132666 | 51923 |
| 1989-90 | 189043 | 83065 | 107962 | 51238 | 143119 | 59513 |
| 1990-91 | 198770 | 97313 | 114670 | 59856 | 149357 | 68604 |
| 1991-92 | 203897 | 112119 | 127079 | 73112 | 153219 | 79721 |
| 1992-93 | 215271 | 132191 | 133999 | 81072 | 162400 | 92597 |
| 1993-94 | 230141 | 156202 | 148962 | 97928 | 169654 | 103946 |
| 1994-95 | 252876 | 186425 | 154751 | 110673 | 173493 | 116265 |
| 1995-96 | 286232 | 224259 | 167276 | 133235 | 186244 | 137357 |
| 1996-97 | 309328 | 264967 | 177627 | 146991 | 201241 | 163104 |
| 1997-98 | 332580 | 303755 | 198423 | 167381 | 217948 | 189284 |
| 1998-99 | 358014 | 347864 | 213902 | 195133 | 239123 | 231351 |
| 1999-00 | 387515 | 387514 | 233549 | 233550 | 266707 | 266707 |
| 2000-01 | 415650 | 428855 | 243048 | 254772 | 279239 | 287688 |
| 2001-02 | 453847 | 476230 | 260737 | 292862 | 290715 | 310485 |
| 2002-03 | 496691 | 525968 | 281550 | 330685 | 302153 | 334228 |
| 2003-04 | 556370 | 604683 | 297250 | 371452 | 318514 | 363781 |
| 2004-05 | 615849 | 706073 | 323080 | 405081 | 340266 | 403047 |
| 2005-06 | 690399 | 809870 | 359888 | 452469 | 364313 | 450457 |
| 2006-07 | 778896 | 947096 | 409472 | 524019 | 385118 | 508917 |
| 2007-08 | 875398 | 1090708 | 457584 | 594096 | 411256 | 578598 |
| 2008-09 | 954589 | 1246718 | 493356 | 691221 | 464926 | 711176 |

**Note** : Data for 2006-07 are Provisional Estimates, 2007-08 are Quick Estimates and 2008-09 are Revised Estimates.
**Source :** Central Statistical Organisation.

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2. A copy of the original **GDP** data for the base year 2004-05, as sample raw data (this data was used to obtain Figure 1 and Figure 2)

**TABLE 2 : MACRO-ECONOMIC AGGREGATES**
**(At Constant Prices)**

(₹ Billion)

| Year | GDP at Factor Cost | Consumption of Fixed Capital | NDP at Factor Cost | Indirect Taxes less Subsidies | GDP at Market Prices | NDP at Market Prices |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| (Base Year : 2004-05 ) | | | | | | |
| 1952-53 | 2942.67 | 222.49 | 2720.18 | 162.77 | 3105.44 | 2882.95 |
| 1953-54 | 3121.77 | 218.52 | 2903.25 | 174.66 | 3296.43 | 3077.91 |
| 1954-55 | 3254.31 | 188.45 | 3065.85 | 200.72 | 3455.03 | 3266.57 |
| 1955-56 | 3337.66 | 193.05 | 3144.62 | 229.18 | 3566.84 | 3373.80 |
| 1956-57 | 3527.66 | 202.26 | 3325.40 | 238.16 | 3765.82 | 3563.56 |
| 1957-58 | 3485.00 | 209.77 | 3275.23 | 265.33 | 3750.33 | 3540.56 |
| 1958-59 | 3749.48 | 221.64 | 3527.84 | 278.01 | 4027.49 | 3805.85 |
| 1959-60 | 3831.53 | 229.51 | 3602.02 | 301.67 | 4133.20 | 3903.69 |
| 1960-61 | 4102.79 | 229.78 | 3873.01 | 257.58 | 4360.37 | 4130.59 |
| 1961-62 | 4230.11 | 241.09 | 3989.02 | 292.59 | 4522.70 | 4281.61 |
| 1962-63 | 4319.60 | 254.75 | 4064.85 | 335.67 | 4655.27 | 4400.52 |
| 1963-64 | 4538.29 | 269.19 | 4269.10 | 396.03 | 4934.32 | 4665.13 |
| 1964-65 | 4882.47 | 288.67 | 4593.81 | 419.60 | 5302.07 | 5013.41 |
| 1965-66 | 4704.02 | 305.05 | 4398.97 | 458.30 | 5162.32 | 4857.27 |
| 1966-67 | 4751.89 | 326.79 | 4425.11 | 407.57 | 5159.46 | 4832.68 |
| 1967-68 | 5138.60 | 349.13 | 4789.47 | 424.64 | 5563.24 | 5214.11 |
| 1968-69 | 5272.70 | 367.83 | 4904.88 | 479.02 | 5751.72 | 5383.90 |
| 1969-70 | 5616.30 | 392.18 | 5224.11 | 511.57 | 6127.87 | 5735.68 |
| 1970-71 | 5897.86 | 438.05 | 5459.81 | 546.03 | 6443.89 | 6005.84 |
| 1971-72 | 5957.41 | 457.27 | 5500.15 | 592.35 | 6549.76 | 6092.50 |
| 1972-73 | 5938.43 | 474.52 | 5463.91 | 575.09 | 6513.52 | 6039.00 |
| 1973-74 | 6208.72 | 495.60 | 5713.11 | 519.46 | 6728.18 | 6232.57 |
| 1974-75 | 6280.79 | 526.96 | 5753.83 | 527.14 | 6807.93 | 6280.97 |
| 1975-76 | 6846.34 | 555.76 | 6290.58 | 584.51 | 7430.85 | 6875.09 |
| 1976-77 | 6931.91 | 591.99 | 6339.92 | 622.52 | 7554.43 | 6962.44 |
| 1977-78 | 7449.72 | 617.80 | 6831.91 | 652.77 | 8102.49 | 7484.68 |
| 1978-79 | 7859.64 | 643.02 | 7216.63 | 705.70 | 8565.34 | 7922.33 |
| 1979-80 | 7450.83 | 674.32 | 6776.51 | 665.85 | 8116.68 | 7442.36 |
| 1980-81 | 7985.06 | 711.44 | 7273.62 | 678.34 | 8663.40 | 7951.96 |
| 1981-82 | 8434.26 | 748.43 | 7685.83 | 749.48 | 9183.74 | 8435.31 |
| 1982-83 | 8680.91 | 791.54 | 7889.37 | 822.03 | 9502.94 | 8711.40 |
| 1983-84 | 9362.69 | 831.01 | 8531.68 | 832.91 | 10195.60 | 9364.59 |
| 1984-85 | 9733.57 | 888.77 | 8844.80 | 851.58 | 10585.15 | 9696.38 |
| 1985-86 | 10138.66 | 948.55 | 9190.10 | 1002.67 | 11141.33 | 10192.77 |
| 1986-87 | 10576.12 | 1006.13 | 9569.99 | 1097.38 | 11673.50 | 10667.37 |
| 1987-88 | 10949.92 | 1077.45 | 9872.47 | 1186.47 | 12136.39 | 11058.94 |
| 1988-89 | 12062.43 | 1135.60 | 10926.83 | 1242.43 | 13304.86 | 12169.26 |
| 1989-90 | 12802.28 | 1203.21 | 11599.07 | 1293.87 | 14096.15 | 12892.94 |
| 1990-91 | 13478.89 | 1287.35 | 12191.54 | 1397.26 | 14876.15 | 13588.80 |
| 1991-92 | 13671.71 | 1376.63 | 12295.07 | 1361.66 | 15033.37 | 13656.73 |
| 1992-93 | 14405.03 | 1458.47 | 12946.56 | 1452.52 | 15857.55 | 14399.08 |
| 1993-94 | 15223.43 | 1520.23 | 13703.20 | 1387.48 | 16610.91 | 15090.68 |
| 1994-95 | 16196.94 | 1622.92 | 14574.02 | 1520.08 | 17717.02 | 16094.10 |
| 1995-96 | 17377.40 | 1725.89 | 15651.52 | 1681.59 | 19058.99 | 17333.11 |
| 1996-97 | 18763.19 | 1836.11 | 16927.08 | 1734.67 | 20497.86 | 18661.75 |
| 1997-98 | 19570.31 | 1980.48 | 17589.84 | 1757.67 | 21327.98 | 19347.51 |
| 1998-99 | 20878.27 | 2118.88 | 18759.39 | 1768.72 | 22646.99 | 20528.11 |
| 1999-00 | 22549.42 | 2286.51 | 20262.91 | 2100.87 | 24650.29 | 22363.78 |
| 2000-01 | 23484.81 | 2441.16 | 21043.65 | 2112.30 | 25597.11 | 23155.95 |
| 2001-02 | 24749.62 | 2599.44 | 22150.18 | 2082.28 | 26831.90 | 24232.46 |
| 2002-03 | 25709.35 | 2733.67 | 22975.68 | 2143.23 | 27852.58 | 25118.91 |
| 2003-04 | 27757.49 | 2910.27 | 24847.22 | 2284.41 | 30041.90 | 27131.63 |
| 2004-05 | 29714.64 | 3198.91 | 26515.73 | 2707.45 | 32422.09 | 29223.18 |
| 2005-06 | 32530.73 | 3508.93 | 29021.80 | 2901.71 | 35432.44 | 31923.51 |
| 2006-07 | 35643.64 | 3857.00 | 31786.64 | 3071.25 | 38714.89 | 34857.89 |
| 2007-08 | 38966.36 | 4276.29 | 34690.08 | 3543.11 | 42509.47 | 38233.19 |
| 2008-09 | 41586.76 | 4689.04 | 36897.72 | 2576.74 | 44163.50 | 39474.46 |
| 2009-10 | 45160.71 | 5219.06 | 39941.65 | 2747.76 | 47908.47 | 42689.41 |
| 2010-11 | 49185.33 | 5703.01 | 43482.32 | 3638.53 | 52823.86 | 47120.85 |
| 2011-12 | 52475.30 | 6278.34 | 46196.96 | 3855.20 | 56330.50 | 50052.16 |
| 2012-13 | 54821.11 | 6878.84 | 47942.27 | 4177.36 | 58998.47 | 52119.63 |
| 2013-14 | 57417.91 | 7536.74 | 49881.16 | 4540.51 | 61958.42 | 54421.67 |

(Continued)

3. A copy of the **Components of SGDP** for the base year 1993-94, as sample raw data.

(This data was used in the generation of figures 7 through 10.3)

## TABLE 7 : COMPONENTS OF NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN (At Constant Prices) (Base : 1993-94) (Contd.)

(Rupees crore)

| State/ Union Territory/ Year | Agriculture and allied acitivities | | | | Industry | | | | | | Services | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Agriculture | Forestry & logging | Fishing | Total (2+3+4) | Mining & quarrying | Manufacturing | | | Electricity, gas and water supply | Total (6+9+10) | Construction | Transport, storage & communication | Trade, hotels and restaurants | Banking & insurance | Real estate, ownership of dwelling and business services | Public administration | Other services | Total (12 to 18) |
| | | | | | | Registered | Unregistered | Sub Total (7+8) | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| **Chhattisgarh** | | | | | | | | | | | | | | | | | | |
| 1993-94 | 3718.2 | 396.8 | 54.4 | **4169.4** | 948.7 | 1590.3 | 709.3 | 2299.6 | 405.6 | **3653.9** | 616.9 | 563.3 | 1211.7 | 212.4 | 706.0 | 355.9 | 673.6 | **4375.5** |
| 1994-95 | 3853.0 | 418.3 | 84.8 | **4356.0** | 827.1 | 1583.3 | 568.8 | 2152.2 | 398.3 | **3377.6** | 611.9 | 596.6 | 1211.2 | 236.8 | 727.7 | 364.1 | 699.3 | **4317.2** |
| 1995-96 | 3651.8 | 400.8 | 84.8 | **4137.4** | 896.7 | 1413.5 | 707.7 | 2121.2 | 475.3 | **3493.2** | 723.3 | 661.6 | 1312.0 | 268.4 | 749.9 | 392.8 | 757.1 | **4815.6** |
| 1996-97 | 3726.6 | 413.2 | 109.3 | **4249.1** | 919.8 | 1566.2 | 732.9 | 2299.1 | 460.6 | **3679.5** | 725.5 | 733.8 | 1277.0 | 350.0 | 774.5 | 418.1 | 834.0 | **5011.8** |
| 1997-98 | 2816.8 | 438.7 | 105.1 | **3360.6** | 933.4 | 2656.9 | 769.6 | 3426.5 | 435.5 | **4795.3** | 730.3 | 798.8 | 1247.4 | 546.5 | 799.2 | 417.5 | 855.6 | **5309.2** |
| 1998-99 | 3146.9 | 431.1 | 116.9 | **3694.9** | 1132.3 | 2539.1 | 813.8 | 3352.9 | 211.5 | **4696.7** | 730.0 | 795.2 | 1240.0 | 409.7 | 765.1 | 558.8 | 991.9 | **5312.8** |
| 1999-00 | 2866.7 | 466.0 | 139.8 | **3472.4** | 1512.7 | 1578.5 | 730.0 | 2308.5 | 226.3 | **4047.4** | 980.3 | 884.8 | 1562.0 | 461.2 | 777.8 | 531.5 | 1002.2 | **5927.5** |
| 2000-01 | 2236.7 | 482.2 | 169.8 | **2888.7** | 1727.0 | 1591.3 | 602.6 | 2193.9 | 259.2 | **4180.1** | 591.8 | 2631.7 | 1580.2 | 494.0 | 853.6 | 528.1 | 1128.2 | **7282.0** |
| 2001-02 | 3407.9 | 534.9 | 172.3 | **4115.1** | 1854.5 | 1571.1 | 778.7 | 2349.8 | 189.3 | **4393.5** | 755.0 | 2882.8 | 1689.9 | 527.8 | 861.0 | 937.6 | 993.4 | **8432.7** |
| 2002-03 | 3193.3 | 517.5 | 179.0 | **3889.7** | 2105.5 | 2058.9 | 713.5 | 2772.4 | 212.2 | **5090.0** | 898.1 | 1407.3 | 1717.7 | 621.0 | 870.2 | 911.5 | 983.3 | **7139.3** |
| 2003-04 | 3509.7 | 564.8 | 199.4 | **4273.8** | 2326.0 | 2233.2 | 990.4 | 3223.7 | 219.7 | **5769.4** | 1070.7 | 1634.2 | 1887.3 | 667.3 | 884.5 | 611.3 | 1266.7 | **7745.9** |
| 2004-05 | 2798.2 | 540.6 | 219.2 | **3558.0** | 2554.0 | 2425.6 | 1066.2 | 3491.8 | 243.3 | **6289.1** | 1075.5 | 1820.2 | 2032.7 | 736.2 | 893.9 | 650.6 | 1376.1 | **8275.2** |
| **Goa** | | | | | | | | | | | | | | | | | | |
| 1993-94 | 225.6 | 10.3 | 82.0 | **317.9** | 111.7 | 454.5 | 61.6 | 516.1 | 20.7 | **648.6** | 100.8 | 207.9 | 215.0 | 131.2 | 136.5 | 91.2 | 152.8 | **944.1** |
| 1994-95 | 222.6 | 11.1 | 68.5 | **302.1** | 122.1 | 332.1 | 104.7 | 436.8 | 22.6 | **581.5** | 121.1 | 194.0 | 340.5 | 154.6 | 142.4 | 89.5 | 154.0 | **1146.8** |
| 1995-96 | 222.1 | 11.7 | 63.1 | **296.9** | 111.8 | 372.4 | 103.4 | 475.7 | 22.7 | **610.2** | 108.2 | 173.4 | 347.5 | 302.9 | 146.9 | 90.0 | 149.0 | **1272.3** |
| 1996-97 | 239.4 | 10.2 | 60.8 | **310.4** | 99.3 | 488.9 | 102.0 | 590.8 | 23.8 | **714.0** | 140.7 | 175.2 | 413.1 | 448.1 | 152.9 | 101.5 | 146.5 | **1533.4** |
| 1997-98 | 225.1 | 10.6 | 85.3 | **321.0** | 152.5 | 452.8 | 99.5 | 552.4 | 24.4 | **729.3** | 146.8 | 150.6 | 412.1 | 434.7 | 164.7 | 115.5 | 153.2 | **1523.9** |
| 1998-99 | 265.3 | 7.4 | 54.4 | **327.0** | 148.6 | 694.1 | 152.4 | 846.4 | 37.3 | **1032.4** | 190.1 | 217.9 | 633.6 | 385.1 | 177.0 | 148.7 | 172.9 | **1904.7** |
| 1999-00 | 299.0 | 8.7 | 47.8 | **355.5** | 111.1 | 796.2 | 163.3 | 959.4 | 38.2 | **1108.7** | 192.0 | 198.6 | 512.8 | 435.8 | 191.0 | 149.8 | 189.6 | **1843.2** |
| 2000-01 | 260.9 | 9.7 | 44.2 | **314.8** | 107.5 | 827.8 | 174.1 | 1001.9 | 39.6 | **1149.0** | 255.6 | 209.2 | 617.0 | 301.3 | 213.5 | 154.5 | 217.4 | **1925.2** |
| 2001-02 | 288.1 | 11.2 | 45.1 | **344.5** | 110.9 | 948.2 | 179.6 | 1127.8 | 55.8 | **1294.5** | 306.1 | 266.5 | 428.2 | 456.6 | 243.6 | 159.2 | 243.8 | **2039.8** |
| 2002-03 | 300.2 | 11.9 | 36.6 | **348.8** | 131.5 | 1003.0 | 291.6 | 1294.7 | 70.6 | **1496.8** | 324.9 | 360.8 | 816.0 | 359.8 | 281.3 | 176.9 | 255.3 | **2611.2** |
| 2003-04 | 333.5 | 10.5 | 57.0 | **401.0** | 137.2 | 519.9 | 185.6 | 705.4 | 30.5 | **873.1** | 334.5 | 349.9 | 465.9 | 350.2 | 294.7 | 192.7 | 122.7 | **2173.4** |
| 2004-05 | 359.7 | 11.6 | 53.8 | **425.1** | 156.2 | 627.3 | 206.9 | 834.1 | 44.5 | **1034.9** | 350.0 | 348.9 | 466.8 | 351.0 | 364.8 | 193.2 | 123.0 | **2281.5** |
| **Gujarat** | | | | | | | | | | | | | | | | | | |
| 1993-94 | 9230.9 | 393.2 | 697.8 | **10321.9** | 1117.8 | 7324.5 | 3780.1 | 11104.6 | 927.7 | **13150.1** | 2136.4 | 2261.7 | 5012.3 | 3227.0 | 2578.3 | 1371.8 | 2500.9 | **20367.7** |
| 1994-95 | 13569.3 | 404.2 | 744.8 | **14718.2** | 1192.2 | 9639.0 | 4065.8 | 13704.9 | 910.7 | **15807.9** | 2089.1 | 2481.3 | 5845.0 | 3369.5 | 2645.3 | 1409.9 | 2737.4 | **21906.1** |
| 1995-96 | 11732.3 | 408.1 | 655.6 | **12796.0** | 1232.5 | 10359.3 | 4508.2 | 14867.5 | 1115.8 | **17215.8** | 2280.9 | 2877.1 | 6508.9 | 3850.2 | 2713.9 | 1522.8 | 2863.9 | **24261.9** |
| 1996-97 | 16237.2 | 406.9 | 719.2 | **17363.4** | 1248.2 | 12092.7 | 4924.5 | 17017.1 | 1144.4 | **19409.7** | 2287.7 | 3072.5 | 7566.8 | 3488.8 | 2775.8 | 1533.6 | 3154.4 | **25649.6** |
| 1997-98 | 14627.2 | 429.6 | 756.9 | **15813.7** | 1226.6 | 10323.9 | 4767.4 | 15091.3 | 1244.2 | **17562.1** | 2828.8 | 3887.9 | 8352.5 | 3926.6 | 3057.7 | 1741.9 | 3475.9 | **28562.7** |
| 1998-99 | 15698.6 | 421.6 | 634.3 | **16754.5** | 1229.7 | 10739.0 | 5472.4 | 16211.4 | 1355.2 | **18796.2** | 3085.4 | 4097.5 | 8640.8 | 4226.4 | 3237.2 | 2280.6 | 3801.8 | **31040.4** |
| 1999-00 | 10628.0 | 413.0 | 702.0 | **11743.0** | 1167.0 | 11184.0 | 6345.0 | 17529.0 | 1436.0 | **20132.0** | 4128.0 | 4923.0 | 8340.0 | 5188.0 | 3480.0 | 2656.0 | 4572.0 | **35060.0** |
| 2000-01 | 9219.0 | 426.0 | 646.0 | **10291.0** | 1146.0 | 8226.0 | 8021.0 | 16247.0 | 1448.0 | **18841.0** | 3417.0 | 5405.0 | 8824.0 | 4500.0 | 3804.0 | 2528.0 | 4965.0 | **36499.0** |
| 2001-02 | 12672.0 | 436.0 | 608.0 | **13716.0** | 1201.0 | 8311.0 | 8180.0 | 16491.0 | 1457.0 | **19149.0** | 3114.0 | 6175.0 | 9729.0 | 4740.0 | 4019.0 | 2391.0 | 5260.0 | **38348.0** |
| 2002-03 | 10599.0 | 447.0 | 638.0 | **11684.0** | 1268.0 | 11181.0 | 8548.0 | 19729.0 | 1988.0 | **22985.0** | 4055.0 | 6843.0 | 10604.0 | 5293.0 | 4256.0 | 2358.0 | 5580.0 | **41957.0** |
| 2003-04 | 17593.0 | 467.0 | 618.0 | **18678.0** | 1388.0 | 12939.0 | 9102.0 | 22041.0 | 1905.0 | **25334.0** | 4886.0 | 7370.0 | 11760.0 | 5688.0 | 4532.0 | 2415.0 | 5975.0 | **45253.0** |
| 2004-05 | 15704.0 | 461.0 | 614.0 | **16779.0** | 1438.0 | 14592.0 | 9610.0 | 24202.0 | 2072.0 | **27712.0** | 5186.0 | 8411.0 | 12946.0 | 6152.0 | 4844.0 | 2386.0 | 6367.0 | **49535.0** |
| **Haryana** | | | | | | | | | | | | | | | | | | |
| 1993-94 | 8201.5 | 48.0 | 26.8 | **8276.3** | 39.5 | 2338.4 | 1250.6 | 3588.8 | -136.7 | **3491.5** | 1479.3 | 1193.4 | 2463.6 | 521.9 | 562.6 | 457.8 | 975.2 | **7928.9** |
| 1994-95 | 8821.0 | 51.2 | 27.8 | **8900.0** | 39.9 | 2645.2 | 1311.8 | 3956.9 | -137.4 | **3859.4** | 1580.5 | 1233.1 | 2625.5 | 575.1 | 587.3 | 480.3 | 994.1 | **8393.5** |
| 1995-96 | 8377.7 | 51.9 | 31.1 | **8460.8** | 31.8 | 2907.5 | 1378.6 | 4286.0 | -142.8 | **4175.1** | 1643.0 | 1336.3 | 2865.0 | 624.9 | 610.3 | 495.4 | 1043.2 | **8953.4** |
| 1996-97 | 9328.8 | 54.2 | 33.0 | **9416.1** | 75.4 | 3078.4 | 1484.2 | 4562.6 | -139.8 | **4498.2** | 1618.2 | 1543.6 | 3496.9 | 881.5 | 634.9 | 543.4 | 1126.0 | **10202.6** |
| 1997-98 | 8472.2 | 53.0 | 35.1 | **8560.3** | 55.5 | 3307.7 | 1541.6 | 4849.3 | -140.3 | **4764.5** | 1701.2 | 1679.7 | 3749.1 | 1079.3 | 657.6 | 575.1 | 1198.6 | **10983.5** |
| 1998-99 | 8754.4 | 50.3 | 35.0 | **8839.7** | 74.5 | 3444.4 | 1649.6 | 5093.9 | -130.9 | **5037.5** | 1843.1 | 1954.1 | 3676.4 | 1057.3 | 676.0 | 821.6 | 1337.5 | **11678.2** |
| 1999-00 | 9161.3 | 49.0 | 34.1 | **9244.3** | 82.2 | 3476.9 | 1750.7 | 5227.7 | -149.9 | **5160.0** | 1934.2 | 2229.3 | 4271.9 | 1359.8 | 691.0 | 808.2 | 1364.9 | **13045.1** |
| 2000-01 | 9366.1 | 48.5 | 39.0 | **9453.6** | 92.0 | 3578.2 | 1845.7 | 5423.9 | -129.7 | **5386.1** | 2034.7 | 2489.5 | 5267.1 | 1355.5 | 715.6 | 781.1 | 1401.9 | **14489.2** |
| 2001-02 | 9344.2 | 47.0 | 40.7 | **9431.9** | 115.5 | 3745.6 | 1933.0 | 5678.5 | -137.6 | **5656.4** | 2199.3 | 2846.0 | 5936.6 | 1398.7 | 735.0 | 787.9 | 1452.6 | **15836.4** |
| 2002-03 | 9265.3 | 48.3 | 39.5 | **9353.1** | 69.1 | 4035.4 | 2043.8 | 6079.1 | -138.0 | **6010.2** | 2102.1 | 3375.7 | 6452.6 | 1643.4 | 756.6 | 793.9 | 1502.5 | **17168.1** |
| 2003-04 | 10103.9 | 49.0 | 45.6 | **10198.5** | 82.1 | 4455.7 | 2207.3 | 6663.0 | -140.6 | **6604.5** | 2192.0 | 3958.0 | 6985.5 | 1765.8 | 778.8 | 843.8 | 1540.8 | **18731.2** |
| 2004-05 | 10469.6 | 49.7 | 49.1 | **10568.3** | 87.7 | 4966.7 | 2393.3 | 7360.0 | -148.8 | **7298.9** | 2278.7 | 4615.8 | 7979.1 | 1931.8 | 801.7 | 924.2 | 1584.6 | **20924.6** |

4. A copy of the Net SDP at factor cost for the base years 1980-81, 1993-94, 1999-2000 and 2004-05. (This data was used in the generation of figures 5 and 6)

**TABLE 6 : NET STATE DOMESTIC PRODUCT AT FACTOR COST - STATE-WISE**
**(At Constant Prices)**

(₹ Billion)

| Year | Andhra Pradesh | Arunachal Pradesh | Assam | Bihar | Goa | Gujarat | Haryana | Himachal Pradesh | Jammu & Kashmir | Jhar-Khand | Karnataka |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | (Base Year : 1980-81 ) | | | | | |
| 1984-85 | 87.49 | 1.37 | 28.07 | 81.17 | 3.53 | 84.46 | 35.45 | 7.33 | 12.02 | . | 70.23 |
| 1985-86 | 93.03 | 1.54 | 29.92 | 82.93 | 3.38 | 82.14 | 41.81 | 8.31 | 12.30 | . | 67.33 |
| 1986-87 | 90.50 | 1.65 | 29.07 | 89.50 | 3.54 | 87.20 | 41.84 | 8.92 | 12.46 | . | 73.65 |
| 1987-88 | 102.74 | 1.75 | 30.37 | 84.55 | 3.93 | 77.49 | 41.10 | 8.94 | 11.10 | . | 78.83 |
| 1988-89 | 120.29 | 1.90 | 30.60 | 95.23 | 4.77 | 108.73 | 51.11 | 10.05 | 12.57 | . | 85.63 |
| 1989-90 | 129.86 | 1.95 | 32.86 | 93.65 | 4.98 | 106.81 | 51.78 | 11.23 | 12.85 | . | 90.46 |
| 1990-91 | 135.80 | 2.31 | 34.26 | 102.53 | 5.68 | 108.39 | 57.19 | 11.51 | 13.60 | . | 91.12 |
| 1991-92 | 143.42 | 2.64 | 35.77 | 96.73 | 5.66 | 99.44 | 58.37 | 11.57 | 13.90 | . | 102.70 |
| 1992-93 | 139.55 | 2.71 | 36.13 | 91.00 | 6.49 | 131.44 | 58.35 | 12.10 | 14.52 | . | 105.08 |
| 1993-94 | 155.43 | 3.10 | 37.54 | 93.20 | 6.76 | 127.41 | 60.98 | 12.57 | 15.22 | . | 112.91 |
| | | | | | | (Base Year : 1993-94 ) | | | | | |
| 1993-94 | 516.55 | 8.12 | 134.77 | 207.80 | 20.02 | 425.60 | 194.22 | 42.50 | 55.00 | 134.03 | 369.82 |
| 1994-95 | 545.64 | 7.96 | 137.96 | 231.63 | 20.80 | 511.04 | 208.35 | 46.64 | 57.45 | 139.64 | 389.17 |
| 1995-96 | 579.51 | 9.15 | 141.25 | 195.82 | 22.25 | 526.29 | 212.54 | 49.21 | 60.31 | 143.09 | 409.74 |
| 1996-97 | 619.55 | 8.60 | 144.67 | 245.69 | 26.02 | 606.53 | 237.59 | 51.99 | 63.21 | 134.60 | 447.37 |
| 1997-98 | 603.21 | 8.84 | 147.04 | 234.04 | 26.28 | 606.47 | 239.65 | 55.71 | 66.52 | 176.16 | 475.17 |
| 1998-99 | 680.36 | 9.10 | 145.74 | 248.79 | 32.85 | 649.21 | 252.43 | 59.66 | 70.05 | 191.67 | 539.61 |
| 1999-00 | 709.04 | 9.48 | 150.78 | 261.37 | 33.34 | 651.63 | 270.64 | 66.22 | 72.70 | 182.28 | 565.43 |
| | | | | | | (Base Year : 1999-2000 ) | | | | | |
| 1999-00 | 1163.60 | 14.97 | 320.11 | 460.71 | 55.70 | 925.41 | 473.29 | 124.67 | 135.33 | 302.29 | 905.32 |
| 2000-01 | 1260.35 | 16.07 | 328.21 | 536.56 | 52.87 | 864.31 | 510.90 | 132.62 | 139.17 | 266.63 | 911.36 |
| 2001-02 | 1317.50 | 18.64 | 336.68 | 505.79 | 54.92 | 934.55 | 550.36 | 139.38 | 141.85 | 285.00 | 927.88 |
| 2002-03 | 1347.49 | 17.75 | 357.08 | 569.75 | 58.26 | 1016.03 | 584.10 | 146.17 | 149.07 | 292.98 | 977.65 |
| 2003-04 | 1479.50 | 19.68 | 379.05 | 533.01 | 62.25 | 1185.25 | 641.56 | 155.96 | 156.73 | 315.15 | 996.69 |
| 2004-05 | 1587.14 | 22.22 | 392.07 | 600.45 | 68.91 | 1255.99 | 696.88 | 170.76 | 165.19 | 368.86 | 1097.75 |
| | | | | | | (Base Year : 2004-05 ) | | | | | |
| 2004-05 | 1213.88 | 31.88 | 471.81 | 701.67 | 109.99 | 1722.65 | 862.22 | 211.89 | 232.92 | 530.56 | 1487.29 |
| 2005-06 | 1281.50 | 32.81 | 486.02 | 684.19 | 119.16 | 1972.70 | 940.11 | 230.09 | 243.71 | 506.78 | 1640.31 |
| 2006-07 | 1416.10 | 34.58 | 507.97 | 802.60 | 130.85 | 2139.54 | 1047.00 | 248.19 | 257.94 | 515.27 | 1810.86 |
| 2007-08 | 1592.70 | 38.73 | 529.68 | 844.15 | 136.55 | 2392.53 | 1128.96 | 263.62 | 273.87 | 630.05 | 2038.10 |
| 2008-09 | 1633.41 | 41.91 | 561.23 | 972.84 | 147.28 | 2494.80 | 1215.88 | 276.49 | 291.02 | 604.72 | 2183.09 |
| 2009-10 | 1744.01 | 45.39 | 612.94 | 1019.38 | 161.19 | 2847.32 | 1367.80 | 291.49 | 305.12 | 664.65 | 2183.63 |
| 2010-11 | 1860.41 | 47.35 | 643.10 | 1175.03 | 192.93 | 3158.92 | 1460.53 | 315.90 | 322.56 | 761.34 | 2408.17 |
| 2011-12 | 1915.54 | 49.83 | 669.42 | 1295.21 | 232.79 | 3368.86 | 1585.23 | 339.55 | 339.90 | 801.57 | 2480.40 |
| 2012-13 | 1986.88 | 48.53 | 694.17 | 1432.50 | 244.21 | 3564.77 | 1671.69 | 360.63 | 358.98 | 868.61 | 2612.50 |
| 2013-14 | 2131.29 | 52.92 | 737.79 | 1566.71 | 260.92 | 3854.72 | 1783.07 | 383.74 | 380.39 | 941.21 | 2805.61 |
| 2014-15 | 2284.50 | 56.66 | 773.94 | 1718.02 | . | . | . | . | . | . | . |

(Continued)

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