

Title: A Problem with Presidents

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The following two tables, 1 and 2, represent the listed age of the deceased presidents of the United States in years, weeks, and days. The first table shows the age of the top ten presidents from longest-lived to shortest, and the second table shows the age of the top ten presidents from shortest-lived to longest. The oldest president of the United States was John Adams, who was born in 1735 and died at 91 years old, while the youngest president was John F. Kennedy, born in 1917 and died at age 46 years old. The median age in years of the top ten presidents from longest lifespan to shortest is 81 years old, which is like the age of Richard Nixon and John Quincy Adams. However, the median age for the top ten presidents from shortest to longest lifespan is 57 years old, which is similar to Chester Arthur.

	President	Birth Date	Age in Years	Age in Weeks	Age in Days
1	John Adams	Oct 30, 1735	91	4732	33124
29	Herbert Hoover	Aug 10, 1874	90	4680	32760
31	Harry S. Truman	May 8, 1884	88	4576	32032
3	James Madison	Mar 16, 1751	85	4420	30940
2	Thomas Jefferson	Apr 13, 1743	83	4316	30212
35	Richard Nixon	Jan 9, 1913	81	4212	29484
5	John Quincy Adams	July 11, 1767	81	4212	29484
7	Martin Van Buren	Dec 5, 1782	80	4160	29120
32	Dwight Eisenhower	Oct 14, 1890	79	4108	28756
6	Andrew Jackson	Mar 15, 1767	78	4056	28392

Table 1: The Top Ten Presidents from Longest Lived to Shortest.

	President	Birth Date	Age in Years	Age in Weeks	Age in Days
33	John F. Kennedy	May 29, 1917	46	2392	16744
19	James A. Garfield	Nov 19, 1831	50	2600	18200
10	James K. Polk	Nov 2, 1795	54	2808	19656
15	Abraham Lincoln	Feb 12, 1809	56	2912	20384
20	Chester Arthur	Oct 5, 1829	57	2964	20748
27	Warren G. Harding	Nov 2, 1865	58	3016	21112
23	William McKinley	Jan 29, 1843	58	3016	21112
28	Calvin Coolidge	July 4, 1872	61	3172	22204
24	Theodore Roosevelt	Oct 27, 1858	61	3172	22204
17	Ulysses S. Grant	Apr 27, 1822	63	3276	22932

Table 2: The Top Ten Presidents from Shortest Lived to Longest.

	Calculation	Short to long lived days	Long to short lived days
0	mean	20529.6	30430.4
1	median	20930.0	29848.0
2	mode	0 21112 1 22204 Name: Age in Days, dtype:...	0 29484 Name: Age in Days, dtype: int64
3	max	22932	33124
4	min	16744	28392
5	standard deviation	1904.585531	1700.399117

Table 3: The Statistics Calculation of Top Ten Presidents Short and Long lived in Days.

The following plot is a graphical lifespan timeline of all deceased presidents of the United States. They are listed in the order of presidency, starting with George Washington and ending with Richard Nixon.

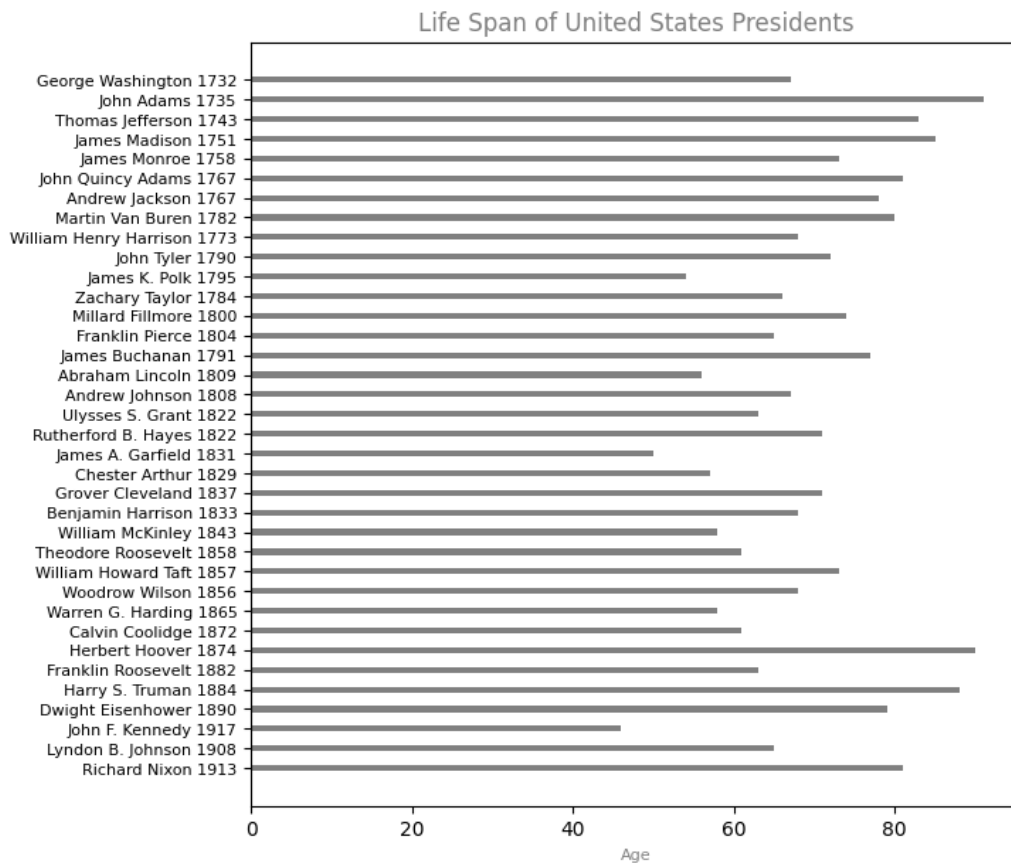


Figure 1: The Distribution of Presidents of US based on Longevity.

In conclusion, John F. Kennedy had the shortest lifespan of any president, dying at the age of 46 years. However, John Adams lived for 91 years and had the longest lifespan in American Presidential history. At age 90, Hoover was also the longest-lived president, as well as Truman, who lived for 88 years.