U.S. Presidential Economics

Defense Spending

1929 to **2012**

Interest Rates
Money Supply
Federal Debt
Federal Tax Receipts
Federal Spending
Defense Spending
Social Spending
Social Spending Less Medical Spendin
Government Medical Spending
Federal Discretionary Spending
Federal Debt to GDP Ratio
Mean to Median Income Premium

Inflation adjust: Yes

Source: Bureau of Economic Analysis, Table 3.9.5, Gov't Consumption Expenditures & Gross Investment, Line 11 (billions)

Web link: http://www.bea.gov/iTable/iTable.cfm?ReqID=9&step=1

This spreadsheet accumulates the annual change in Defense Spending to an index value that is set at 1.00 in the first year of the analysis period. The index is then multiplied each year by (1 ± the annual change). The compound, or average, rate of return is then calculated during each presidential term by the formula: ((Ending index value / Beginning index value) ^ (1 / # years in analysis period) - 1). When multiple presidential terms are analyzed, the index value at the end of the last presidential term for that party carries forward and becomes the beginning index value for the next presidential term of that party. To adjust for inflation, each year's percentage change is divided by the fraction (annual % change) / (1 + inflation rate).

Email questions and comments to presidentialeconomics@gmail.com

Year	Defense consumption & investment (billions)	Annual change in defense spending	Inflation	Index value (reflects inflation if inflation-adjust box is checked)	When the President was a Democrat: Annual change in defense spending, inflation adjusted	Index value (reflects inflation if inflation-adjust box is checked)	Compound return during administration	When the President was a Republican: Annual change in defense spending, inflation adjusted	Index value (reflects inflation if inflation-adjust box is checked)	Compound return during administration
1927	0.00	0.00%		1.00					0.00	
1928	0.90	0.00%	-1.20%	1.01				1.21%	1.00	
1929	0.90	0.00%	0.60%	1.01				-0.60%	0.99	
1930	0.90	0.00%	-6.40%	1.07				6.84%	1.06	
1931	0.90	0.00%	-9.30%	1.19				10.25%	1.17	
1932	0.90	0.00%	-10.30%	1.32		1.00		11.48%	1.31	6.89%
1933	0.90	0.00%	0.80%	1.31	-0.79%	0.99				
1934	0.80	-11.11%	1.50%	1.15	-12.42%	0.87				
1935	1.00	25.00%	3.00%	1.39	21.36%	1.05				
1936	1.20	20.00%	1.40%	1.65	18.34%	1.25				
1937	1.30	8.33%	2.90%	1.74	5.28%	1.31				
1938	1.40	7.69%	-2.80%	1.92	10.79%	1.46				
1939	1.50	7.14%	0.00%	2.06	7.14%	1.56				
1940	2.50	66.67%	0.70%	3.41	65.51%	2.58				
1941	14.30	472.00%	9.90%	17.75	420.47%	13.43				
1942	51.10	257.34%	9.00%	58.18	227.84%	44.04				
1943	84.20	64.77%	3.00%	93.08	59.98%	70.45				
1944	94.50	12.23%	2.30%	102.12	9.71%	77.29				
1945	81.90	-13.33%	2.20%	86.60	-15.20%	65.55				
1946	25.10	-69.35%	18.10%	22.47	-74.05%	17.01				
1947	18.20	-27.49%	8.80%	14.98	-33.35%	11.34				
1948	18.20	0.00%	3.00%	14.54	-2.91%	11.01				
1949	19.80	8.79%	-2.10%	16.16	11.12%	12.23				
1950	19.50	-1.52%	5.90%	15.03	-7.00%	11.37				
1951	39.20	101.03%	6.00%	28.50	89.65%	21.57				
1952	52.30	33.42%	0.80%	37.72	32.36%	28.55	18.24%		1.31	
1953	55.90	6.88%	0.70%	40.04				6.14%	1.39	
1954	49.20	-11.99%	-0.70%	35.49				-11.37%	1.23	
1955	46.90	-4.67%	0.40%	33.69				-5.05%	1.17	
1956	49.20	4.90%	3.00%	34.31				1.85%	1.19	
1957	53.60	8.94%	2.90%	36.33				5.87%	1.26	
1958	55.40	3.36%	1.80%	36.89				1.53%	1.28	
1959	53.80	-2.89%	1.70%	35.22				-4.51%	1.22	
1960	53.30	-0.93%	1.40%	34.41		28.55		-2.30%	1.19	-1.14%
1961	56.50	6.00%	0.70%	36.23	5.27%	30.05				
1962	61.10	8.14%	1.30%	38.67	6.75%	32.08				
1963	61.00	-0.16%	1.60%	38.00	-1.74%	31.53				
1964	60.20	-1.31%	1.00%	37.13	-2.29%	30.80				
1965	60.60	0.66%	1.90%	36.68	-1.21%	30.43				
1966	71.70	18.32%	3.50%	41.93	14.32%	34.79				
1967	83.40	16.32%	3.00%	47.35	12.93%	39.29				
1968	89.20	6.95%	4.70%	48.37	2.15%	40.13	4.35%		1.19	
1969	89.50	0.34%	6.20%	45.70				-5.52%	1.13	
1970	87.60	-2.12%	5.60%	42.36				-7.31%	1.04	
1971	84.60	-3.42%	3.30%	39.60				-6.51%	0.97	
1972	86.90	2.72%	3.40%	39.34				-0.66%	0.97	
1973	88.10	1.38%	8.70%	36.69				-6.73%	0.90	
1974	95.60	8.51%	12.30%	35.46				-3.37%	0.87	
1975	103.90	8.68%	6.90%	36.05				1.67%	0.89	
1976	111.10	6.93%	4.90%	36.74		40.13		1.93%	0.90	-3.38%
1977	120.90	8.82%	6.70%	37.47	1.99%	40.93				
1978	130.50	7.94%	9.00%	37.11	-0.97%	40.53				
1979	145.20	11.26%	13.30%	36.44	-1.80%	39.80				
1980	168.00	15.70%	12.50%	37.48	2.85%	40.94	0.50%		0.90	
1981	196.20	16.79%	8.90%	40.19				7.24%	0.97	
1982	225.90	15.14%	3.80%	44.58				10.92%	1.08	
1983	250.60	10.93%	3.80%	47.65				6.87%	1.15	
1984	281.50	12.33%	3.90%	51.52				8.11%	1.24	
1985	311.20	10.55%	3.80%	54.87				6.50%	1.32	
1986	330.80	6.30%	1.10%	57.69				5.14%	1.39	
1987	350.00	5.80%	4.40%	58.46				1.34%	1.41	
1988	354.70	1.34%	4.40%	56.75				-2.93%	1.37	
1989	362.10	2.09%	4.60%	55.39				-2.40%	1.34	
1990	373.90	3.26%	6.10%	53.90				-2.68%	1.30	
1991	383.10	2.46%	3.10%	53.57				-0.62%	1.29	
1992	376.80	-1.64%	2.90%	51.20		40.94		-4.42%	1.24	2.63%
1993	363.00	-3.66%	2.70%	48.03	-6.20%	38.40				
1994	353.80	-2.53%	2.70%	45.58	-5.10%	36.44				
1995	348.80	-1.41%	2.50%	43.84	-3.82%	35.05				
1996	354.80	1.72%	3.30%	43.17	-1.53%	34.52				
1997	349.80	-1.41%	1.70%	41.85	-3.06%	33.46				
1998	346.10	-1.06%	1.60%	40.76	-2.62%	32.58				
1999	361.10	4.33%	2.70%	41.41	1.59%	33.10				
2000	371.00	2.74%	3.40%	41.14	-0.64%	32.89	-2.70%		1.24	
2001	393.00	5.93%	1.60%	42.90				4.26%	1.29	
2002	437.70	11.37%	2.40%	46.66				8.76%	1.40	
2003	497.90	13.75%	1.90%	52.08				11.63%	1.56	
2004	550.80	10.62%	3.30%	55.78				7.09%	1.68	
2005	589.00	6.94%	3.40%	57.68				3.42%	1.73	
2006	624.90	6.10%	2.50%	59.71				3.51%	1.79	
2007	662.30	5.98%	4.10%	60.79				1.81%	1.83	
2008	737.80	11.40%	0.10%	67.65		32.89		11.29%	2.03	6.41%
2009	776.00	5.18%	2.70%	69.28	2.41%	33.69				
2010	817.70	5.37%	1.50%	71.92	3.82%	34.97				
2011	820.80	0.38%	3.00%	70.09	-2.54%	34.08				
2012	807.80	-1.58%	1.60%	67.90	-3.13%	33.01	0.09%			

Annual change in Defense Spending	1929	2012	5.13%	
Total number of years held Presidency			44	40
Compound rate of growth			8.27%	1.79%