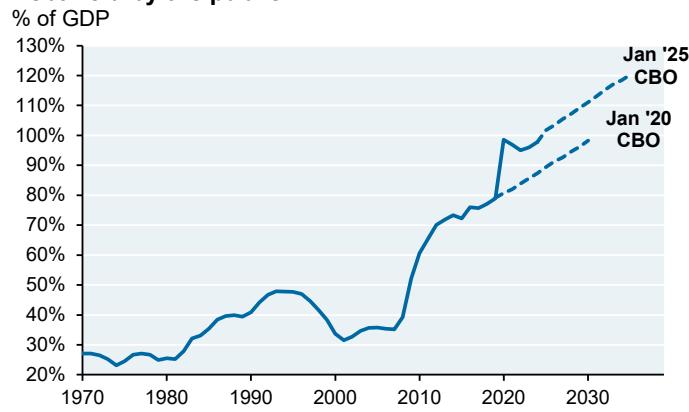
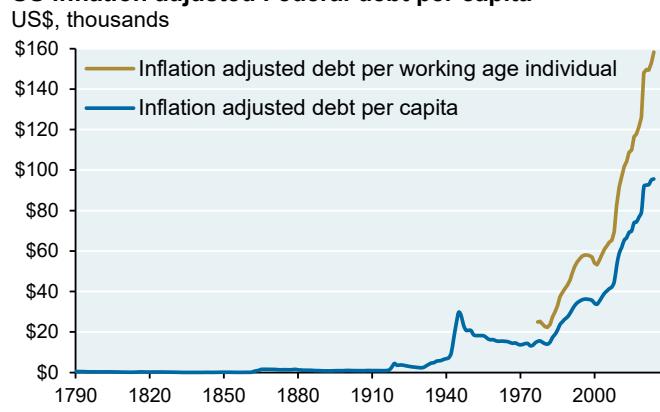


Online US federal debt monitor

Debt levels as % of GDP and per capita	1
Budget deficits and defense spending	2
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Debt levels as % of GDP and per capita**Debt held by the public**

Source: CBO, JPMAM, 2025

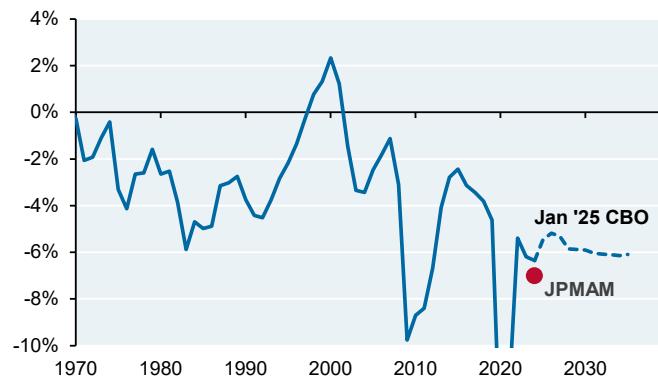
US inflation adjusted Federal debt per capita

Source: US Treasury, Fed Reserve, Minneapolis Fed, Census, JPMAM, 2024

Budget deficits and defense spending

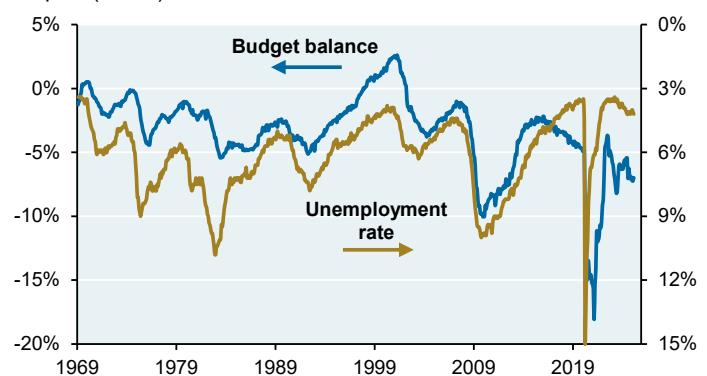
Budget deficit

% of GDP



US budget balance vs unemployment rate

Surplus (deficit) % of GDP



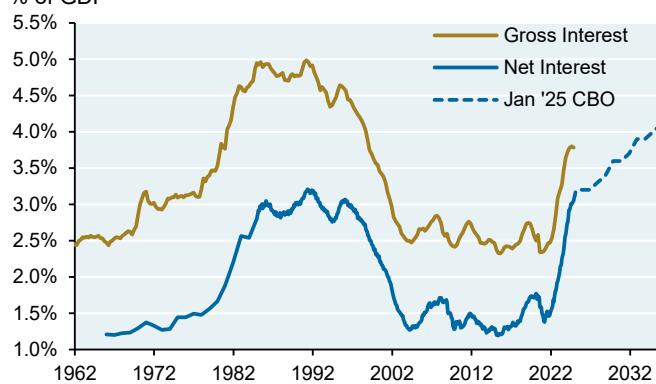
Primary budget balance (ex. interest)

% of GDP



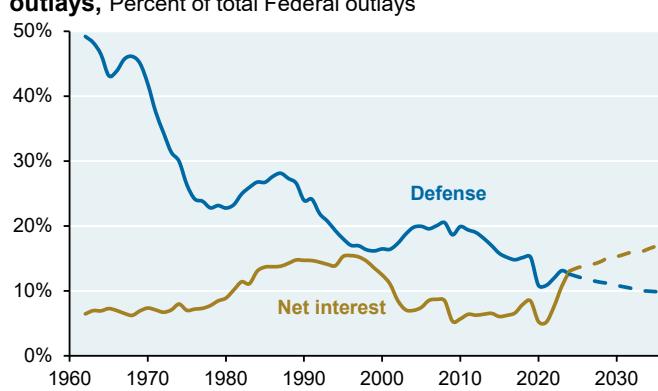
Interest expense

% of GDP



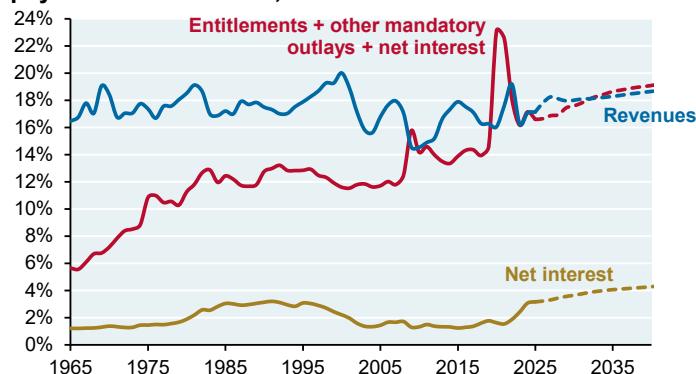
Net interest and defense spending as shares of Federal outlays

Percent of total Federal outlays

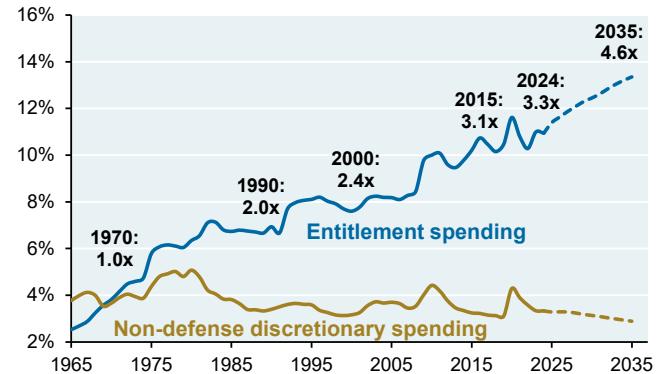


Entitlements

Entitlement spending, mandatory outlays and net interest payments vs revenues, % of GDP



What does the Federal government spend money on? % of GDP, with ratio of entitlement to non-defense discretionary

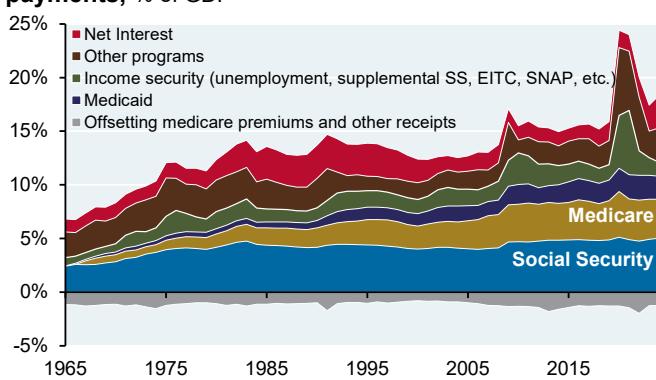


Initial estimates vs. actual costs of healthcare

Benefit	Year	Annualized Cost (USD billions)		Actual to estimated cost ratio
		Est.	Actual	
Medicare hospital insurance	1965	9.0	67.0	7.4 to 1
Medicare (entire program)	1967	12.0	110.0	9.2 to 1
Medicare ESRD program	1972	0.1	0.2	2.3 to 1
Medicaid DSH program	1987	1.0	17.0	17 to 1
Medicare home care benefit	1988	4.0	10.0	2.5 to 1
Medicare catastrophic coverage*	1988	5.7	11.8	2.1 to 1
Massachusetts Health Reform	2006	0.7	0.9	1.2 to 1

Source: US Congress Joint Economic Committee. July 2009. * = multi-year estimate

Entitlement spending, mandatory outlays and net interest payments, % of GDP



Options for reducing the deficit (US\$, billions)

Decrease spending

	Low	High
Cut defense spending	\$895	\$995
Caps on Medicaid spending	\$501	\$871
Use alternative inflation measure for social security	\$247	\$257
Reduce social security benefits for high earners	\$40	\$184
Raise retirement age for social security	\$111	\$121

Increase revenues

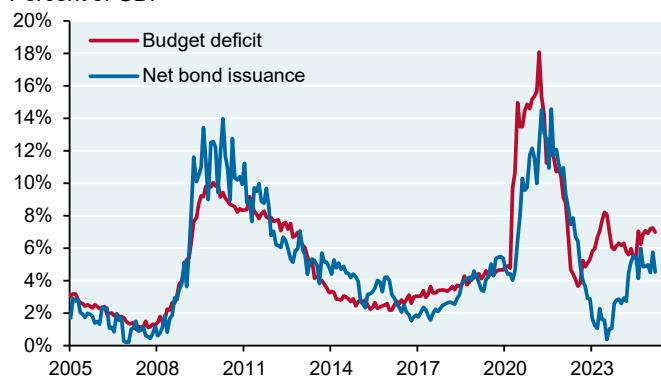
	Low	High
Consumption tax	\$1,950	\$3,050
Further limit itemized deductions	\$541	\$2,507
Increase individual income tax rates	\$502	\$1,329
Increase maximum earnings subject to payroll taxes	\$670	\$1,204
Reduce tax subsidies for employment-based health insurance	\$500	\$893
Carbon tax	\$571	\$865
Increase Medicare Part B premiums	\$57	\$448
Limit deductions for charitable giving	\$257	\$272
Financial transaction tax	\$254	\$264
Motor vehicle fuel tax	\$230	\$240
Eliminate/modify head of household filing status	\$71	\$192
Change tax treatment of cap gains from sales of inherited assets	\$146	\$156
Limit contributions to retirement plans	\$142	\$152
Increase corporate taxes by 1%	\$119	\$129
Raise capital gains and dividend taxes by 2%	\$92	\$102
Tax carried interest as ordinary income	\$10	\$12

Source: CBO, December 2022

Debt financing topics

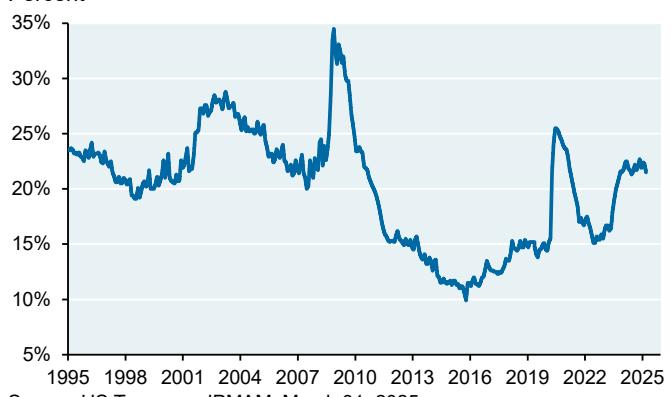
Bond issuance vs budget deficit

Percent of GDP



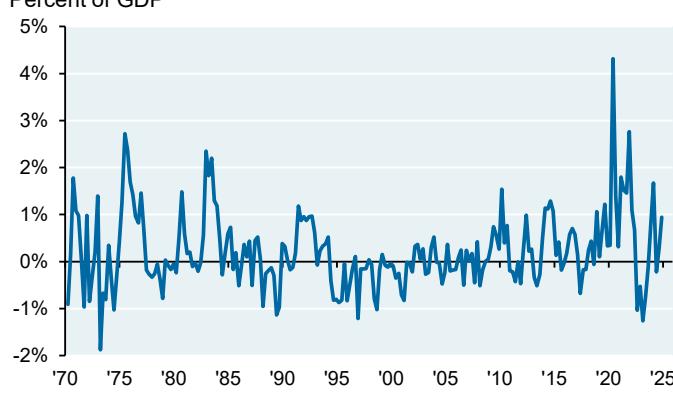
US T-Bill share of US debt

Percent



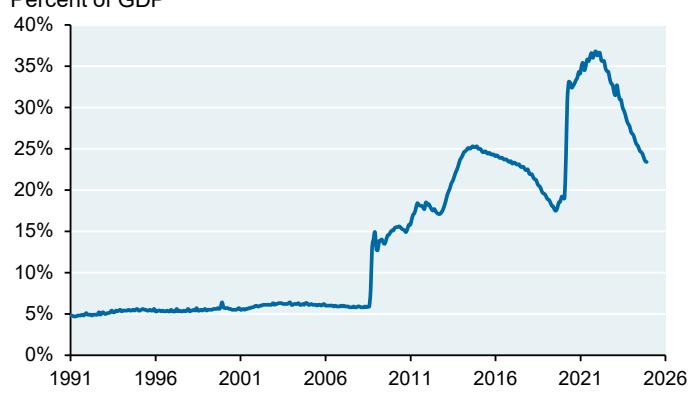
Bank purchases of treasuries

Percent of GDP



Federal Reserve balance sheet

Percent of GDP

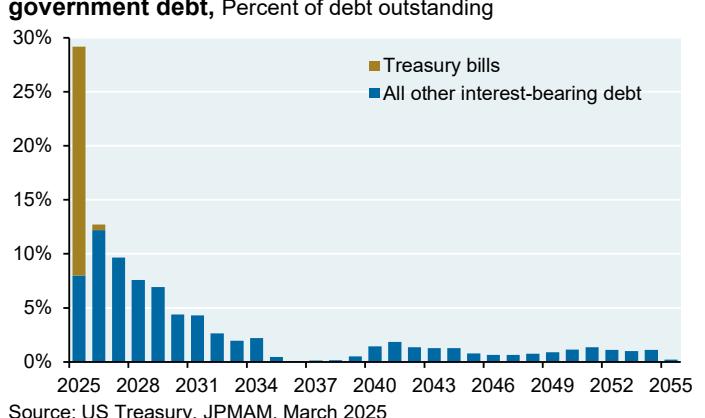


Weighted average maturity of marketable debt outstanding

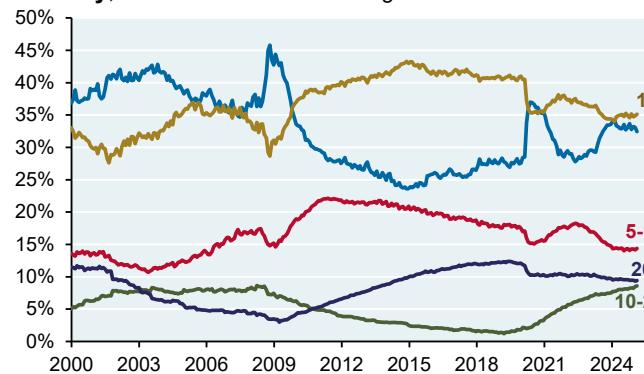
Months



Maturity distribution of outstanding interest-bearing government debt, Percent of debt outstanding



Marketable interest-bearing public debt outstanding by maturity, Percent of debt outstanding



Source: US Treasury, Haver Analytics, JPMAM, March 2025

10-year Treasury term premium

Percent



Source: FRBNY, JPMAM, March 2025

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