Online US federal debt monitor

Debt levels as % of GDP and per capita	1
Budget deficits and defense spending	
Entitlements	
Debt financing tonics	د

Debt levels as % of GDP and per capita

1970

1980

Source: CBO, JPMAM, March 2024

1990

Debt held by the public % of GDP 130% Mar '24 120% **CBO** 110% Jan '20 100% СВО 90% 80% 70% 60% 50% 40% 30% 20%

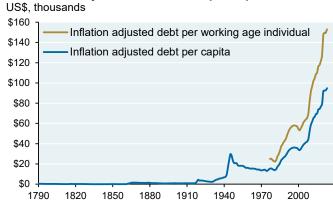
2000

2010

2020

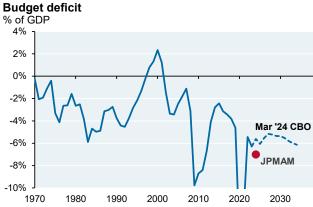
2030

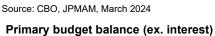




Source: US Treasury, Fed Reserve, Minneapolis Fed, Census, JPMAM, 2023

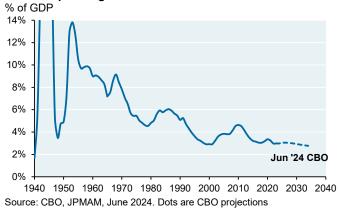
Budget deficits and defense spending







Federal spending on defense

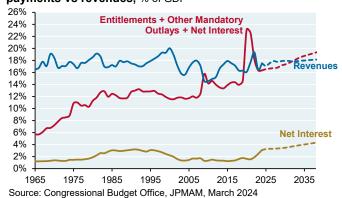


US budget balance vs unemployment rate Surplus (deficit) % of GDP Percent 5% 0% **Budget balance** 0% 3% -5% 6% Unemployment -10% 9% rate -15% 12% -20% 15% 1969 1979 1989 1999 2009 2019 Source: Bloomberg, JPMAM, June 2024



Entitlements

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



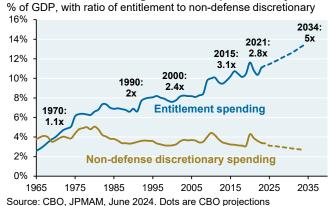
Initial estimates vs. actual costs of healthcare

		Annualized Cost (USD billions)		Actual to estimated
Benefit	Year	Est.	Actual	cost ratio
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

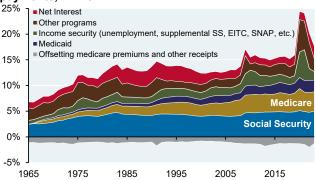
Source: US Congress Joint Economic Committee. July 2009. * = multi-year estimate

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

What does the Federal government spend money on?



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



Source: Congressional Budget Office, JPMAM, March 2024

\$102

\$12

Cumulative savings (2023-2032)

\$92

\$10

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 \$2,507 \$541 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

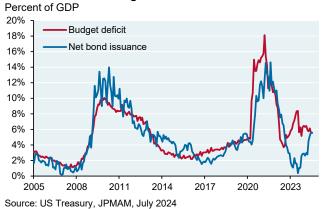
Source: CBO, December 2022

Raise capital gains and dividend taxes by 2%

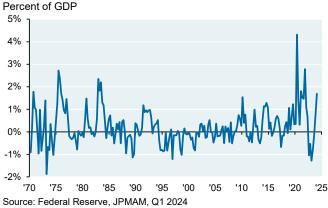
Tax carried interest as ordinary income

Debt financing topics

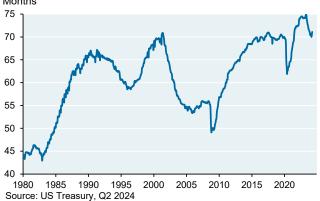
Bond issuance vs budget deficit



Bank purchases of treasuries



Weighted average maturity of marketable debt outstanding Months



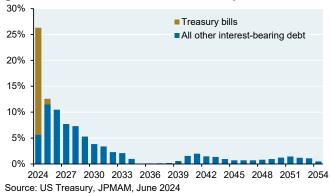
US T-Bill share of US debt



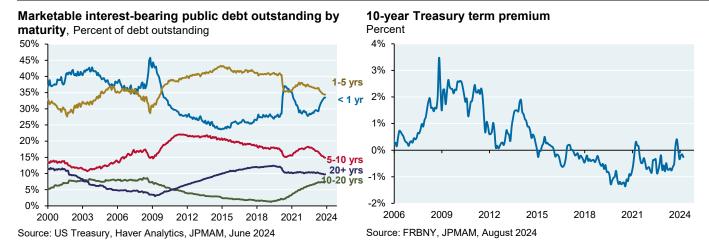
Federal Reserve balance sheet



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



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