Thirty-year deficits and debt

$ in billions.

Scenario #1 Current path of spending, projected.		**1st** DECADE 2014-2023	**2nd** DECADE 2024-2033	**3rd** DECADE 2034-2043	**30-year** TOTAL
Total spending		$46,677	$80,105	$145,175	$271,957
pct of GDP		21.9%	24.5%	28.7%	26.0%
Total revenue		$40,336	$62,674	$96,875	$199,885
pct of GDP		18.9%	19.1%	19.1%	19.1%
Deficit		**-$6,340**	**-$17,431**	**-$48,300**	**-$72,072**
pct of GDP		3.0%	5.3%	9.5%	6.9%

Debt	*Projected* 9/30/2013	2023	2033	2043
Debt held by public	$12,036	$19,070	$36,501	$84,801
pct of GDP	75.1%	73.6%	92.8%	138.6%
Gross federal debt	$16,887	$25,228	$42,659	$90,959
pct of GDP	105.3%	97.4%	108.5%	148.6%

Projected spending

$ in billions.

Scenario #1	1st DECADE 2014-2023	2nd DECADE 2024-2033	3rd DECADE 2034-2043	30-year TOTAL
Social Security	11,055	20,789	34,045	65,889
2014-2023: CBO May '13 baseline. **2024-2043:** CBO LT Projec Soc Sec (Oct. 2012)				
Medicare	7,938	16,224	31,237	55,398
2014-2023: CBO May '13 baseline. **2024-2043:** CBO LT Budget Outlook (June '12)				
Medicaid	3,650	6,616	13,124	23,390
Obamacare	1,785	3,810	7,985	13,580
2014-2023: CBO May '13 baseline. **2024-2043:** Inflated at M'caid avg incr 2014-23				
Defense	5,523	7,239	9,838	22,600
Other discretionary	5,839	7,616	10,351	23,807
Other mandatory	4,361	5,283	7,180	16,824
2014-2023: CBO May '13 baseline. **2024-2043:** inflated by CPI+population growth.				
Non-continuing outlays	1,310	0	0	1,310
CBO May '13 baseline.				
Net interest	5,216	12,527	31,415	49,159
2014-2023: CBO May '13 baseline. **2024-2043:** Budget, Finance cte staff calc				
Total	**46,677**	**80,105**	**145,175**	**271,957**

Spending history and projections

$ in billions.

Scenario 1 projected current-path spending

	% GDP: 10-year avg	% GDP: 20-year avg	2013 outlays	2023 outlays	2013 % GDP	2023 % GDP	2014-23 % GDP	2024-33 % GDP	2034-43 % GDP	30-year % GDP
Social Security	4.5%	**4.4%**	808	1,414	5.0%	5.5%	5.2%	6.3%	6.7%	6.3%
Medicare	2.7%	**2.5%**	586	1,064	3.7%	4.1%	3.7%	5.0%	6.2%	5.3%
Medicaid	1.6%	**1.4%**	273	462	1.7%	1.8%	1.7%	2.0%	2.6%	2.2%
Obamacare	0.0%	**0.0%**	5	248	0.0%	1.0%	0.8%	1.2%	1.6%	1.3%
Defense	4.2%	**3.9%**	584	607	3.6%	2.3%	2.6%	2.2%	1.9%	2.2%
Other discretionary	4.0%	**3.8%**	557	639	3.5%	2.5%	2.7%	2.3%	2.0%	2.3%
Other mandatory	3.2%	**2.9%**	467	443	2.9%	1.7%	2.0%	1.6%	1.4%	1.6%
Non-continuing outlays	n/a	**n/a**	-48	154	-0.3%	0.6%	0.6%	0.0%	0.0%	0.1%
Net interest	1.5%	**1.9%**	223	823	1.4%	3.2%	2.4%	3.8%	6.2%	4.7%
Total	21.7%	**20.8%**	3,455	5,855	21.5%	22.6%	21.9%	24.5%	28.7%	26.0%

Thirty-year deficits and debt

$ in billions.

Scenario #2 Defense and "other mand" 2023 outlays at 20-yr avg % of GDP (1993-2012)	**1st** DECADE 2014-2023	**2nd** DECADE 2024-2033	**3rd** DECADE 2034-2043	**30-year** TOTAL
Total spending	$47,383	$91,156	$168,301	$306,840
pct of GDP	22.2%	27.8%	33.2%	29.3%
Total revenue	$40,336	$62,674	$96,875	$199,885
pct of GDP	18.9%	19.1%	19.1%	19.1%
Deficit	**-$7,046**	**-$28,483**	**-$71,426**	**-$106,954**
pct of GDP	3.3%	8.7%	14.1%	10.2%

Debt	*Projected* 9/30/2013	2023	2033	2043
Debt held by public	$12,036	$19,070	$47,553	$118,978
pct of GDP	75.1%	73.6%	120.9%	194.4%
Gross federal debt	$16,887	$25,228	$53,710	$125,136
pct of GDP	105.3%	97.4%	136.6%	204.5%

Projected spending

$ in billions.

Scenario #2 Defense and "other mand" 2023 outlays at 20-yr avg % of GDP (1993-2012)	1st DECADE 2014-2023	2nd DECADE 2024-2033	3rd DECADE 2034-2043	30-year TOTAL
Social Security **2014-2023:** CBO May '13 baseline. **2024-2043:** CBO LT Projec Soc Sec (Oct. 2012)	11,055	20,789	34,045	65,889
Medicare **2014-2023:** CBO May '13 baseline. **2024-2043:** CBO LT Budget Outlook (June '12)	7,938	16,224	31,237	55,398
Medicaid	3,650	6,616	13,124	23,390
Obamacare **2014-2023:** CBO May '13 baseline. **2024-2043:** Inflated at M'caid avg incr 2014-23	1,785	3,810	7,985	13,580
Defense	5,929	12,081	16,419	34,429
Other discretionary	5,839	7,616	10,351	23,807
Other mandatory **2014-2023:** CBO May '13 baseline. **2024-2043:** inflated by CPI+population growth.	4,661	8,854	12,033	25,547
Non-continuing outlays CBO May '13 baseline.	1,310	0	0	1,310
Net interest **2014-2023:** CBO May '13 baseline. **2024-2043:** Budget, Finance cte staff calc	5,216	15,166	43,107	63,489
Total	**47,383**	**91,156**	**168,301**	**306,840**

Spending history and projections

$ in billions.

Scenario 2 Defense and "other mandatory" 2023 outlay is at 20-year average % of GDP (1993-2012)

	% GDP: 10-year avg	% GDP: 20-year avg	2013 outlays	2023 outlays	2013 % GDP	2023 % GDP	2014-23 % GDP	2024-33 % GDP	2034-43 % GDP	30-year % GDP
Social Security	4.5%	**4.4%**	808	1,414	5.0%	5.5%	5.2%	6.3%	6.7%	6.3%
Medicare	2.7%	**2.5%**	586	1,064	3.7%	4.1%	3.7%	5.0%	6.2%	5.3%
Medicaid	1.6%	**1.4%**	273	462	1.7%	1.8%	1.7%	2.0%	2.6%	2.2%
Obamacare	0.0%	**0.0%**	5	248	0.0%	1.0%	0.8%	1.2%	1.6%	1.3%
Defense	4.2%	**3.9%**	584	1,014	3.6%	**3.9%**	**2.8%**	**3.7%**	**3.2%**	**3.3%**
Other discretionary	4.0%	**3.8%**	557	639	3.5%	2.5%	2.7%	2.3%	2.0%	2.3%
Other mandatory	3.2%	**2.9%**	467	743	2.9%	**2.9%**	**2.2%**	**2.7%**	**2.4%**	**2.4%**
Non-continuing outlays	n/a	**n/a**	-48	154	-0.3%	0.6%	0.6%	0.0%	0.0%	0.1%
Net interest	1.5%	**1.9%**	223	823	1.4%	3.2%	2.4%	4.6%	8.5%	6.1%
Total	21.7%	**20.8%**	3,455	6,561	21.5%	25.3%	22.2%	27.8%	33.2%	29.3%

Economic assumptions.

Social Security taxable payroll: No assumptions. We use projection from CBO's October 2012 long-term Social Security outlook.

GDP: Nominal GDP for 2014-2023 are taken from CBO's May 2013 Updated Budget Projections: Fiscal Years 2013 to 2023. For 2024 onward, GDP is arrived at using annual nominal GDP growth rates from CBO's potential GDP series (taken from its June 2012 The 2012 Long-Term Budget Outlook [Supplemental Data]) to grow 2023's nominal GDP level forward.

Spending projections.

Social Security, costs and income: No assumptions. We use CBO's May baseline through 2023 and CBO's October 2012 long-term Social Security outlook thereafter. Outlays and income are both calculated as a share of taxable payroll.

Medicare: No assumptions. CBO's May 2013 baseline through 2023. CBO's June 2012 long-term baseline (Medicare as percent of GDP) in 2024 and after.

Medicaid: The series is (Medicaid spending plus CHIP) minus (increased Medicaid spending due to Obamacare). CBO projection through 2023. Figure inflates at Medicaid's 2013-23 rate of increase, of 7.68% per annum, in 2024 and after.

Obamacare: The series is gross costs of coverage provisions less small business tax credits from CBO May 2013 baseline through 2023. Figure inflates at Medicaid's 2013-23 rate of increase, of 7.68% per annum, in 2024 and after.

Non-defense discretionary: Amount is CBO's May 2013 baseline of discretionary spending minus defense, through 2023. After that, the 2023 figure is increased by the combined growth of population and inflation. Defense discretionary: Amount is CBO's May 2013 baseline minus Overseas Contingency Operations figure, through 2023. After that, the 2023 figure is increased by the combined growth of population and inflation.

Other mandatory: Amount is CBO's May 2013 baseline of mandatory not included in Social Security, Medicare, Medicaid and ACA, through 2023. After that, the 2023 figure is increased by the combined growth of population and inflation.

Net interest: Net interest from 2014-2023 is taken from CBO's May 2013 Updated Budget Projections. For 2024 onward, new debt is assumed to be issued at the nominal interest rates in June 2012 CBO Long Term Budget Outlook (5.5 percent), while debt issued prior to 2024 is assumed to pay an interest rate of 4.5 percent for the 2024 2033 decade, rising to 5.5 percent in the final decade.

Historical spending.

Spending as share of GDP: From Office of Management and Budget, FY2014 budget, historical tables.

Revenue projections.

Straight assumption: Revenue per CBO's May baseline through 2023. After, it holds constant at 2023 share of GDP.

Growth and revenue assumptions.

Revenue is per CBO's May 2013 baseline through 2023. Thereafter, it is held constant at 19.1% of GDP. GDP is inflated above its projected level by the stated amounts. This produces nominal GDP growth rates after 2023 that average 4.39% for the baseline.