

Office of Debt Management

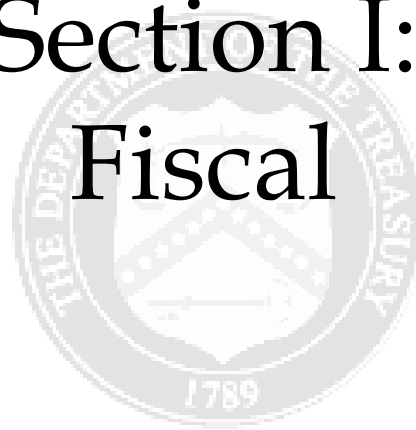


Fiscal Year 2012 Q3 Report

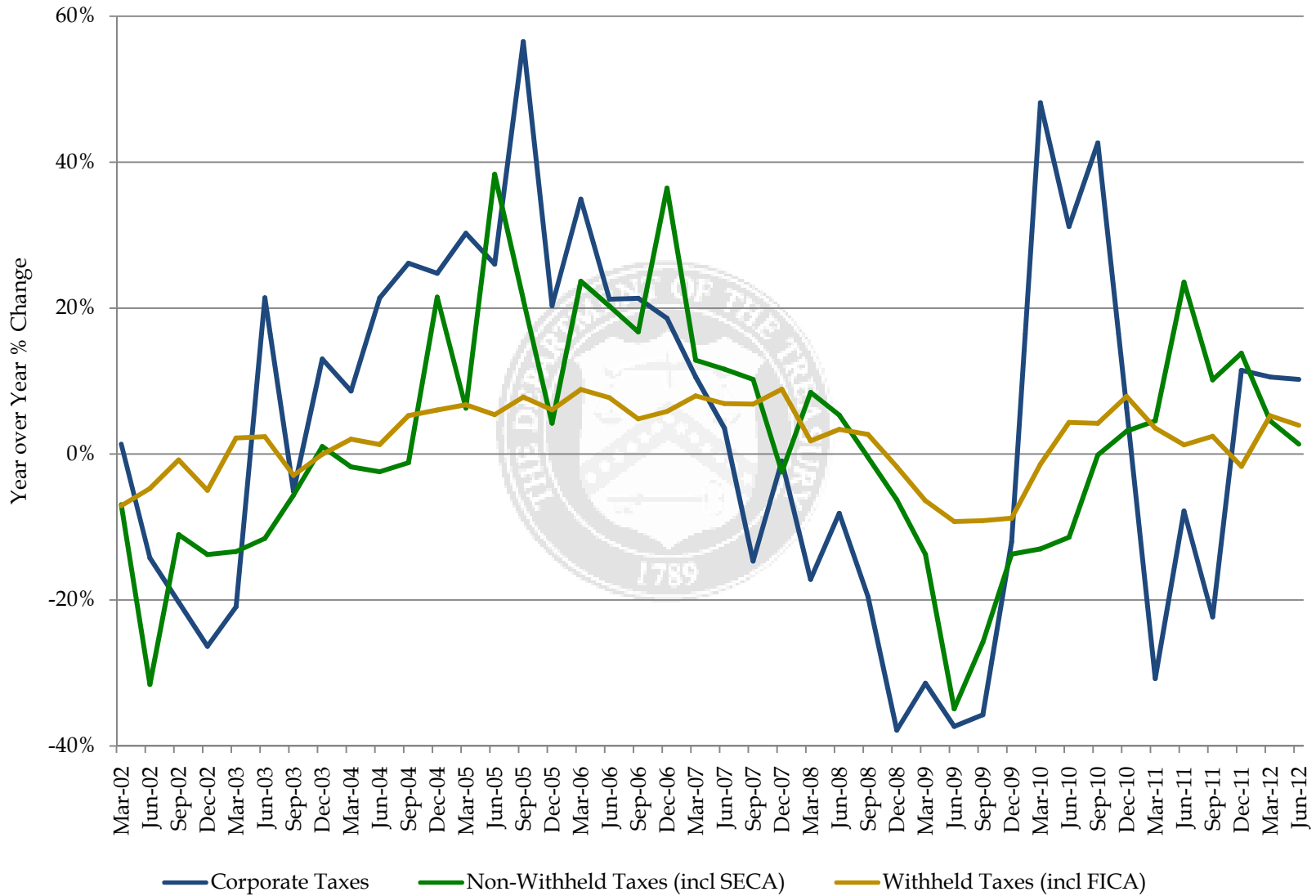
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Section I: Fiscal

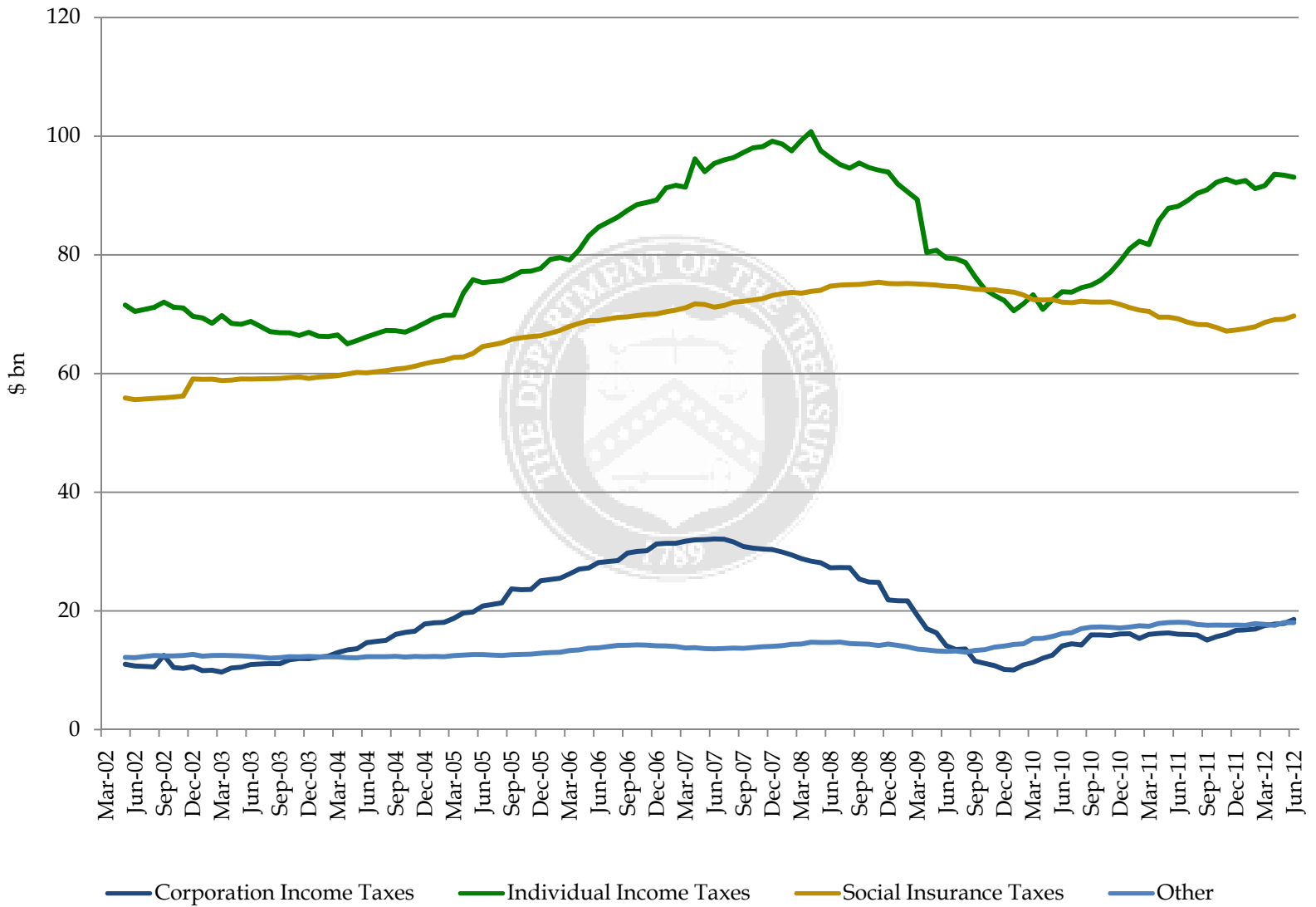


Quarterly Tax Receipts



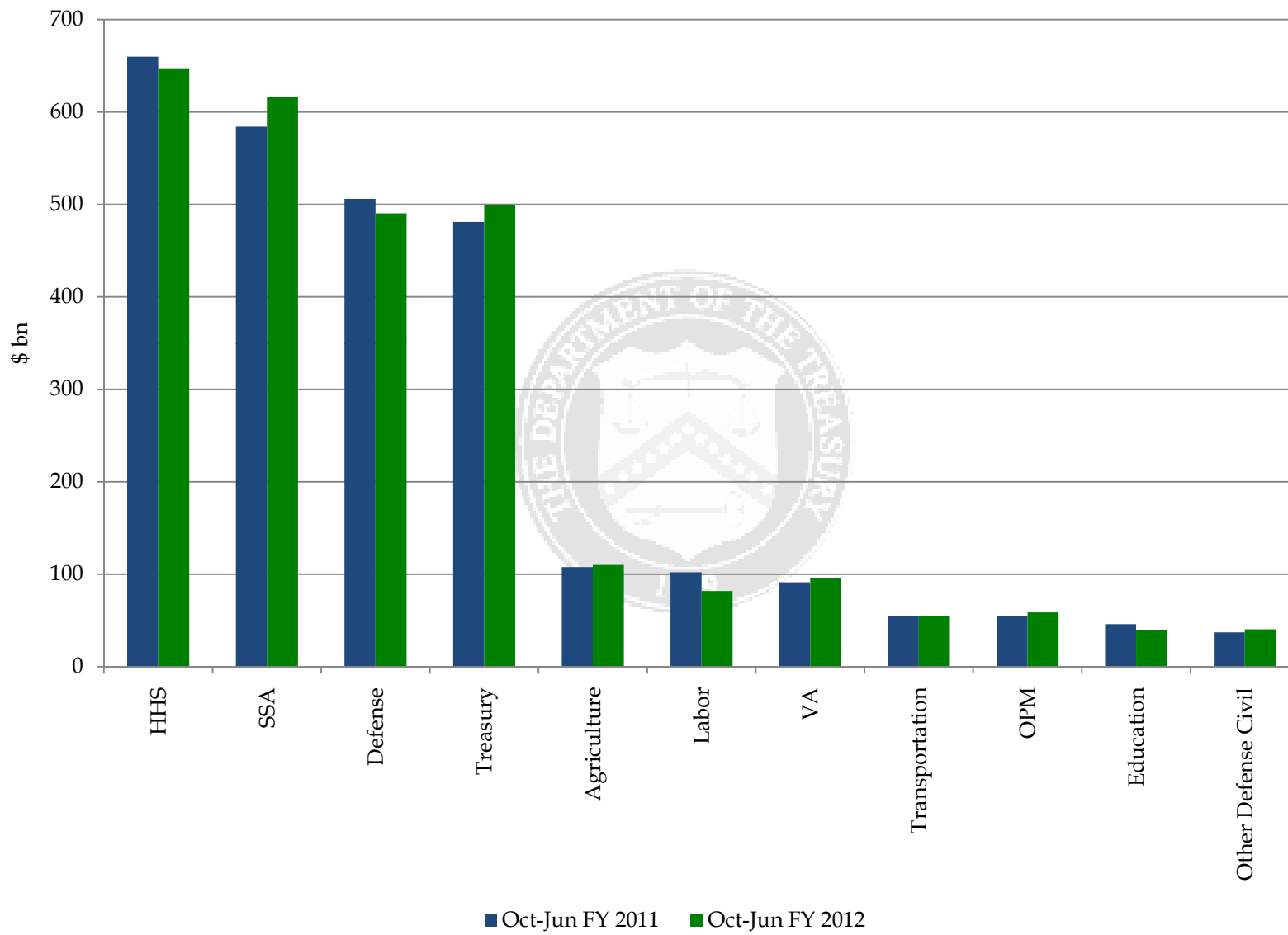
Sept. 2002 yoy change data point excluded from corporate taxes due to 9-11 impacts on data

Monthly Receipt Levels (12-Month Moving Average)

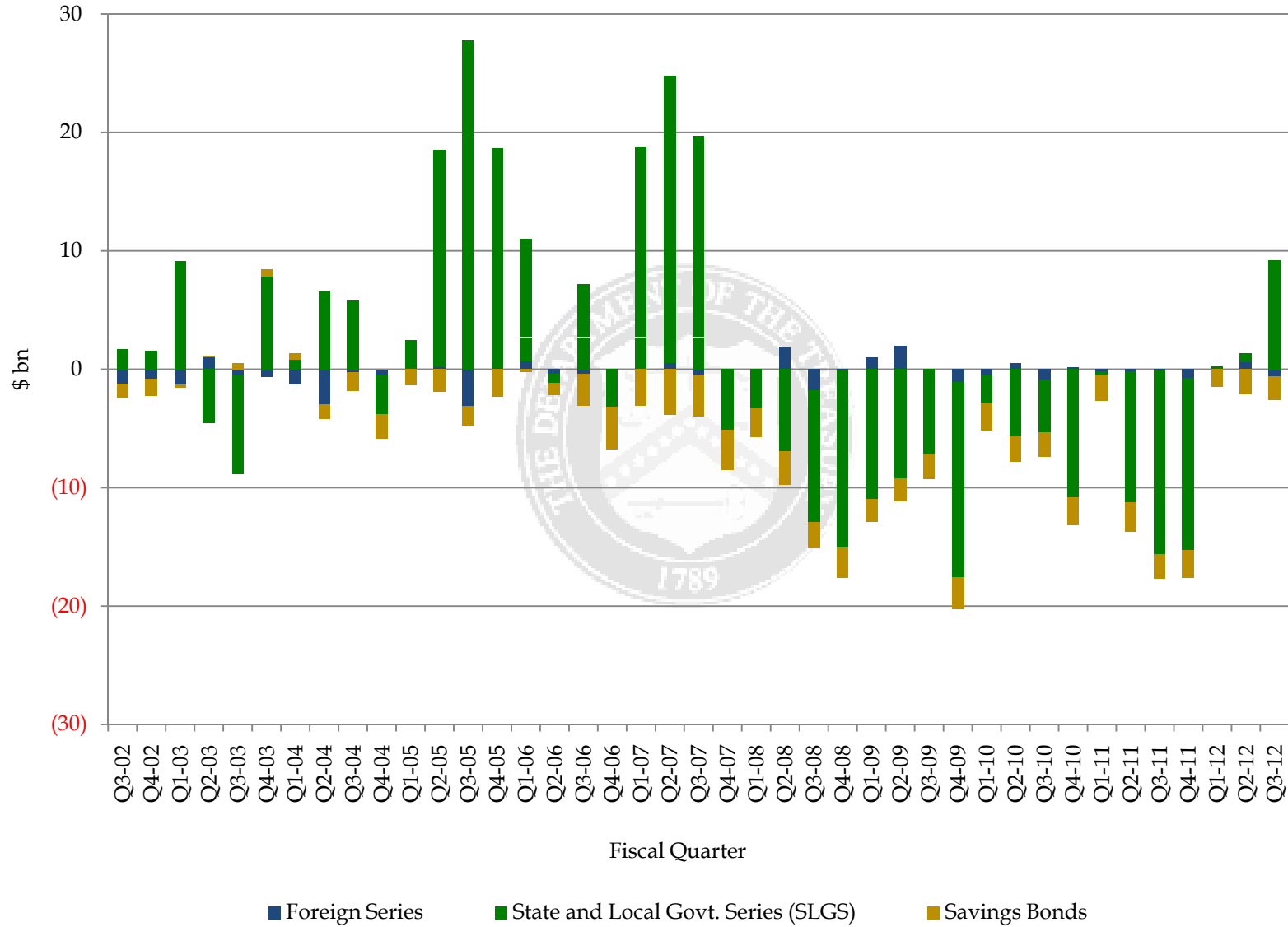


Individual Income Taxes include withheld and non-withheld. Social Insurance Taxes include FICA, SECA, RRTA, UTF Deposits, FUTA and RUIA. Other includes excise taxes, estate and gift taxes, customs duties and miscellaneous receipts.

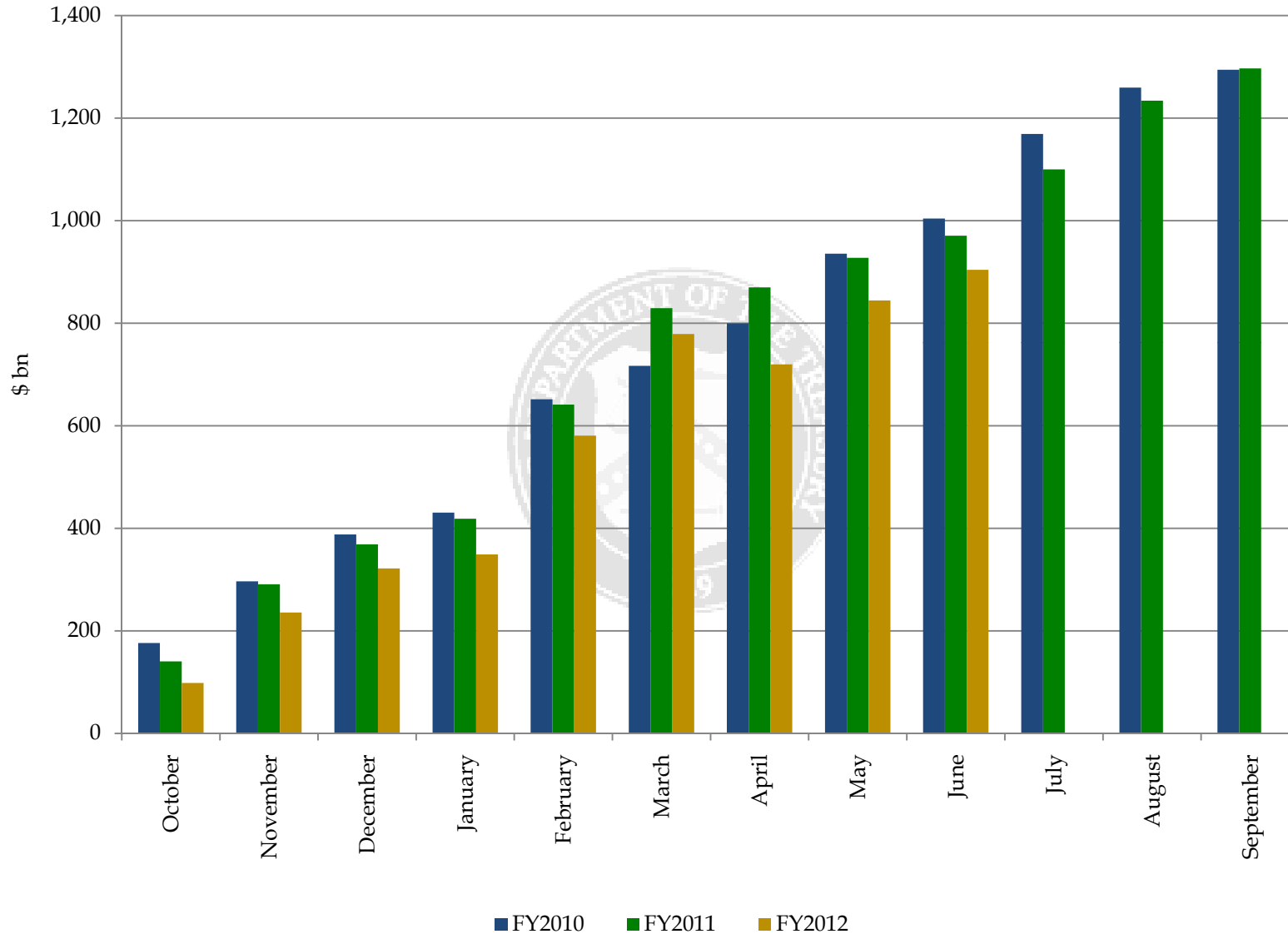
Fiscal Year-to-Date Levels of Ten Largest Outlays



Treasury Net Nonmarketable Borrowing



Cumulative Budget Deficits by Fiscal Year



FY 2012-2014 Deficits and Net Marketable Borrowing

In \$ Billions

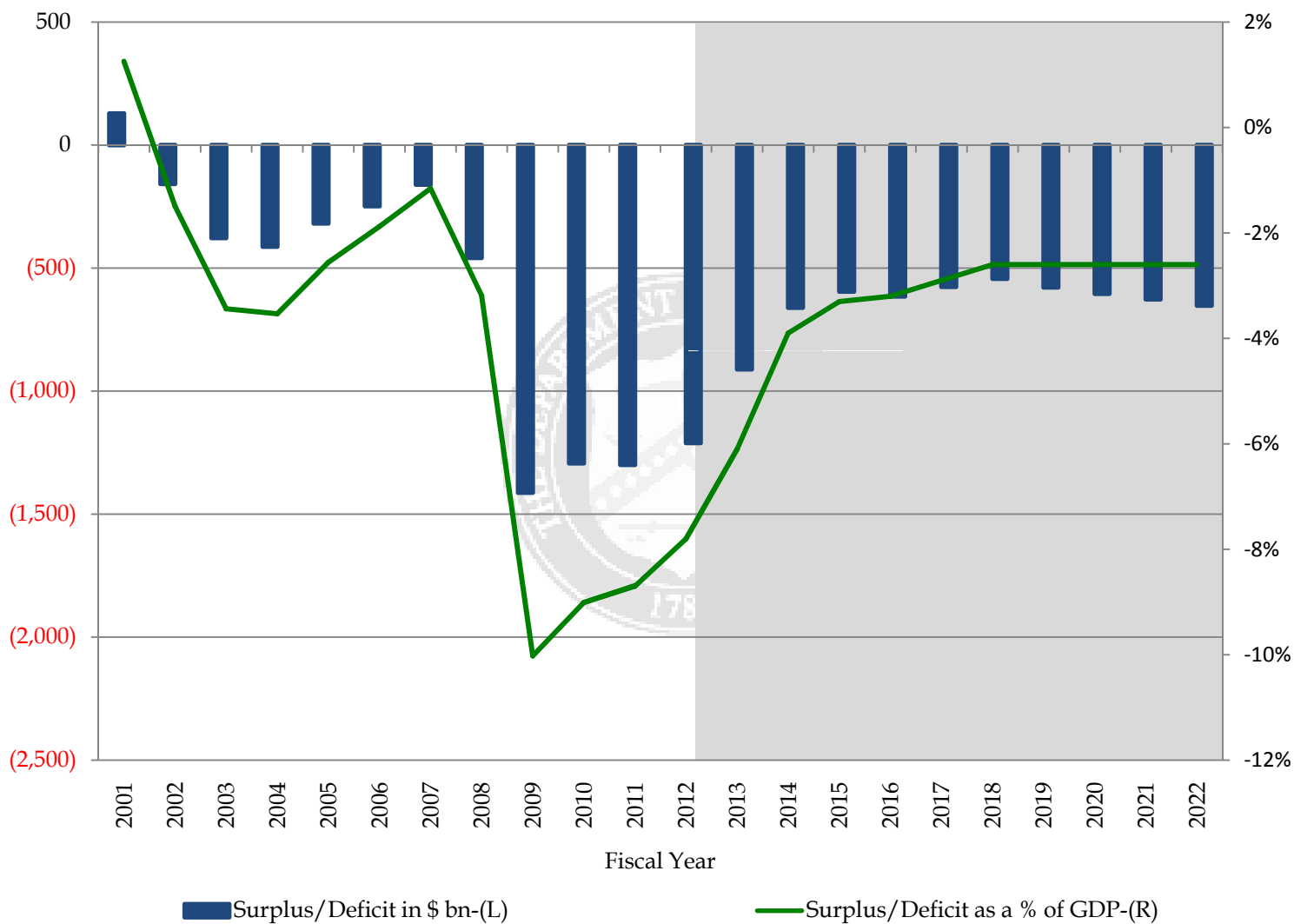
	Primary Dealers ¹	CBO ²	OMB ³
FY 2012 Deficit Estimate	1,166	1,171	1,211
FY 2013 Deficit Estimate	951	612	991
FY 2014 Deficit Estimate	805	385	661
FY 2012 Deficit Range	1,000-1,280		
FY 2013 Deficit Range	700-1,115		
FY 2014 Deficit Range	624-950		
FY 2012 Net Marketable Borrowing Estimate	1,170		1,286
FY 2013 Net Marketable Borrowing Estimate	984		1,158
FY 2014 Net Marketable Borrowing Estimate	857		803
FY 2012 Net Marketable Borrowing Range	1,080-1,260		
FY 2013 Net Marketable Borrowing Range	700-1,145		
FY 2014 Net Marketable Borrowing Range	650-1,200		
Estimates as of:	Jul-12	Mar-12	Jul-12

¹Based on primary dealer feedback on July 23, 2012. Deficit estimates are averages.

²CBO's baseline estimate; assumes current law.

³Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government"

Budget Surplus/Deficit



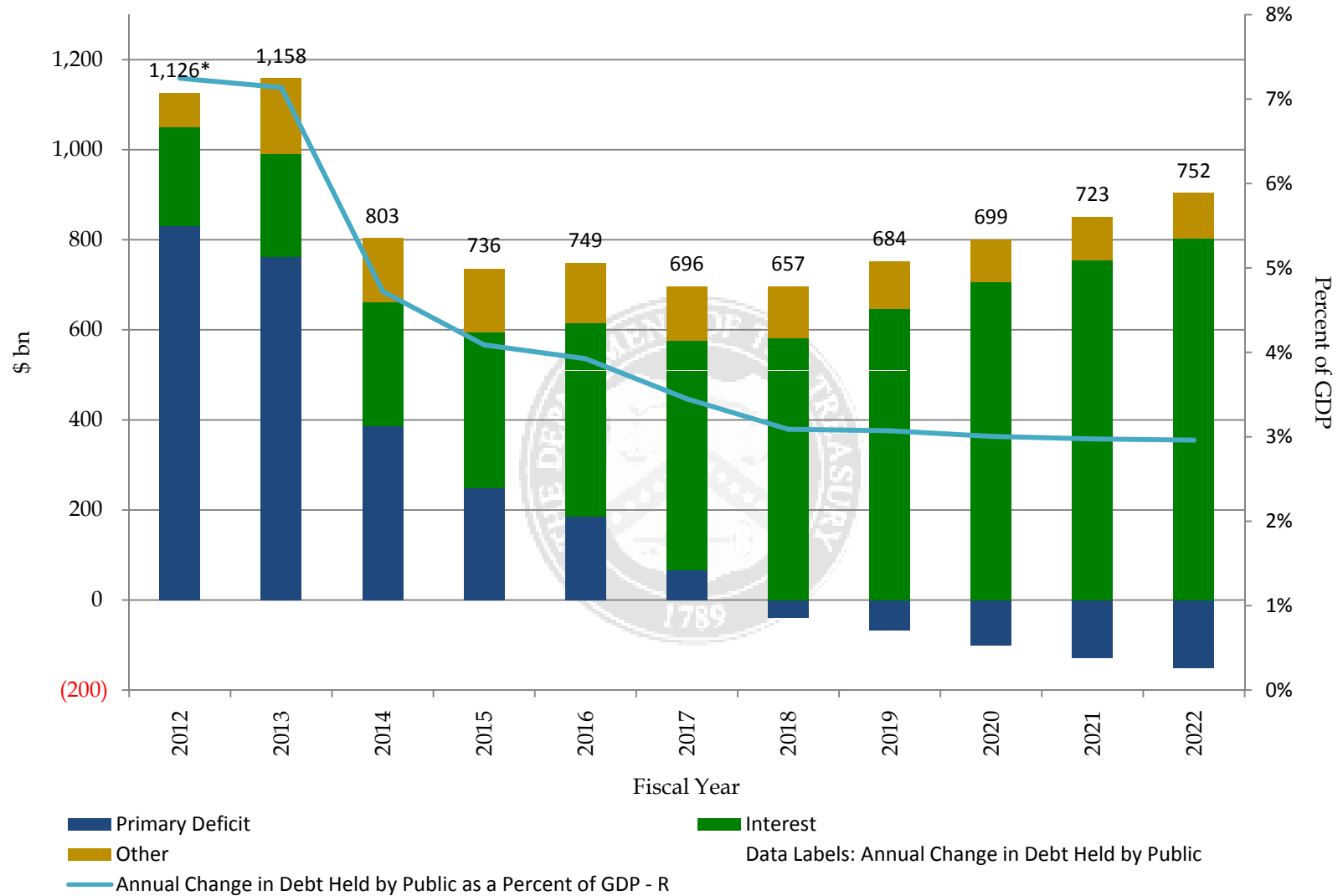
OMB's Projection

Projections are from Table S-5 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government."

Section II: Financing



OMB's Projections of Borrowing from the Public

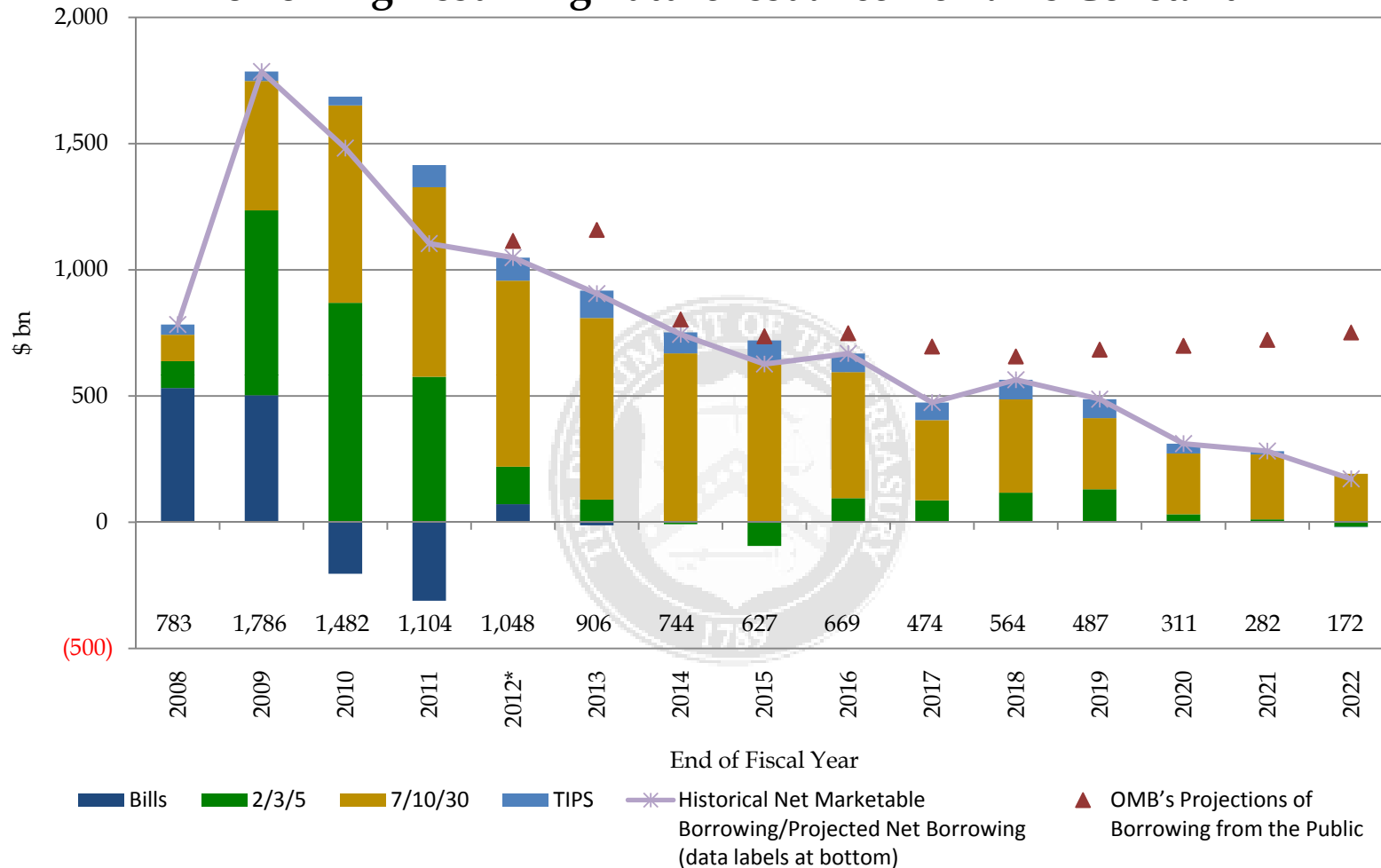


OMB's projections of borrowing from the public projections are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." Data labels represent the change in debt held by the public in \$ billions. Other represents borrowing from the public to provide direct and guaranteed loans, in addition to TARP activity.

*For Fiscal Year 2012, actuals up to 6/30/2012 and Treasury's projections for Q4 as of 7/30/2012.

Data labels represent the annual change in debt held by the public

Historical Net Marketable Borrowing and Projected Net Borrowing Assuming Future Issuance Remains Constant



Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. Assumes issuance sizes for Bills, Nominal Coupons and TIPS are unchanged from 6/30/2012 levels, along with SOMA reinvestment. The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. No attempt was made to match future financing needs. OMB's projections of borrowing from the public projections are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government."

*For Fiscal Year 2012, actuals up to 6/30/2012 and Treasury's projections for Q4 as of 7/30/2012.

Data labels represent historical net marketable borrowing and projected net borrowing capacity. See table on the following page for details.

Historical Net Marketable Borrowing and Projected Net Borrowing Assuming Future Issuance Remains Constant, \$ Billion

End of Fiscal Year	Bills	2/3/5	7/10/30	TIPS	Historical Net Marketable Borrowing/Projected Net Borrowing Capacity	OMB's Projections of Borrowing from the Public
2008	532	106	105	40	783	
2009	503	732	512	38	1,786	
2010	(204)	869	782	35	1,482	
2011	(311)	576	751	88	1,104	
2012*	72	148	737	91	1,048	1,126*
2013	(12)	90	720	108	906	1,158
2014	0	(8)	669	83	744	803
2015	0	(94)	639	82	627	736
2016	0	95	500	73	669	749
2017	0	87	318	69	474	696
2018	0	117	370	78	564	657
2019	0	131	282	75	487	684
2020	0	32	241	39	311	699
2021	0	11	258	13	282	723
2022	0	(19)	192	(2)	172	752

Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. Assumes issuance sizes for Bills, Nominal Coupons and TIPS are unchanged from 6/30/2012 levels, along with SOMA reinvestment. The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. No attempt was made to match future financing needs. OMB's projections of borrowing from the public projections are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government."

*For Fiscal Year 2012, actuals up to 6/30/2012 and Treasury's projections for Q4 as of 7/30/2012.
Data labels represent historical net marketable borrowing and projected net borrowing capacity.

Sources of Financing in Fiscal Year 2012 Q1

October-December 2011	
Net Funding Need	<u>(282)</u>
Net Bill Issuance	43
Net Coupon Issuance	<u>267</u>
Subtotal: Net Marketable Borrowing	310
Plus: Beginning Cash Balance	58
Less: Ending Cash Balance	86
Subtotal: Funding Adding to Build Up of Cash	<u>(28)</u>
Total: Net Funding	<u><u>282</u></u>

Issuance	October-December 2011 Bill Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
4-Week	487	474	13	487	474	13
13-Week	377	367	10	377	367	10
26-Week	351	337	14	351	337	14
52-Week	75	69	6	75	69	6
CMBs	10	10	0	10	10	0
Bill Subtotal	1,300	1,257	43	1,300	1,257	43

Issue	October-December 2011 Coupon Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
2-Year	73	90	(17)	73	90	(17)
3-Year	100	58	41	100	58	41
5-Year	73	33	40	73	33	40
7-Year	60	0	60	60	0	60
10-Year	69	0	69	69	0	69
30-Year	44	0	44	44	0	44
5-Year TIPS	12	0	12	12	0	12
10-Year TIPS	11	0	11	11	0	11
30-Year TIPS	7	0	7	7	0	7
Coupon Subtotal	449	182	267	449	182	267

Total	1,749	1,439	310	1,749	1,439	310
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Sources of Financing in Fiscal Year 2012 Q2

January-March 2012	
Net Funding Need	<u>(443)</u>
Net Bill Issuance	154
Net Coupon Issuance	247
Subtotal: Net Marketable Borrowing	401
Plus: Beginning Cash Balance	86
Less: Ending Cash Balance	44
Subtotal: Funding from Draw Down of Cash	42
Total: Net Funding	<u>443</u>

Issuance	January-March 2012 Bill Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
4-Week	523	498	25	1,009	971	38
13-Week	409	377	32	786	744	42
26-Week	383	336	47	734	673	61
52-Week	77	67	10	152	136	16
CMBs	40	0	40	50	10	40
Bill Subtotal	1,432	1,278	154	2,731	2,534	197

Issue	January-March 2012 Coupon Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
2-Year	107	135	(28)	180	226	(45)
3-Year	104	101	4	204	159	45
5-Year	107	48	60	180	81	99
7-Year	89	0	89	149	0	149
10-Year	72	25	47	140	25	115
30-Year	46	0	46	89	0	89
5-Year TIPS	0	0	0	12	0	12
10-Year TIPS	28	8	21	40	8	32
30-Year TIPS	9	0	9	16	0	16
Coupon Subtotal	563	316	247	1,012	498	514

Total	1,995	1,594	401	3,743	3,033	711
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Sources of Financing in Fiscal Year 2012 Q3

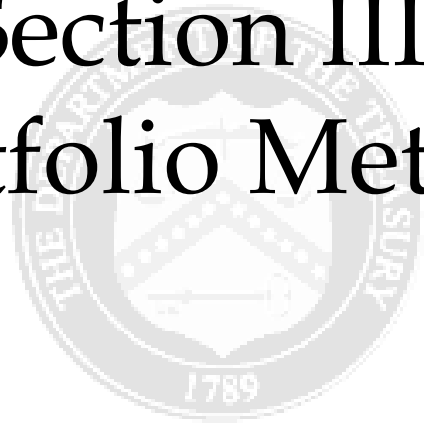
April-June 2012	
Net Funding Need	<u>124</u>
Net Bill Issuance	(78)
Net Coupon Issuance	<u>250</u>
Subtotal: Net Marketable Borrowing	172
Plus: Beginning Cash Balance	44
Less: Ending Cash Balance	<u>91</u>
Subtotal: Funding Adding to Build Up of Cash	(48)
Total: Net Funding	<u>124</u>

Issuance	April-June 2012 Bill Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
4-Week	451	486	(35)	1,461	1,458	3
13-Week	392	409	(17)	1,178	1,153	25
26-Week	359	351	8	1,093	1,024	69
52-Week	102	96	6	254	232	22
CMBs	0	40	(40)	50	50	0
Bill Subtotal	1,304	1,382	(78)	4,036	3,917	119

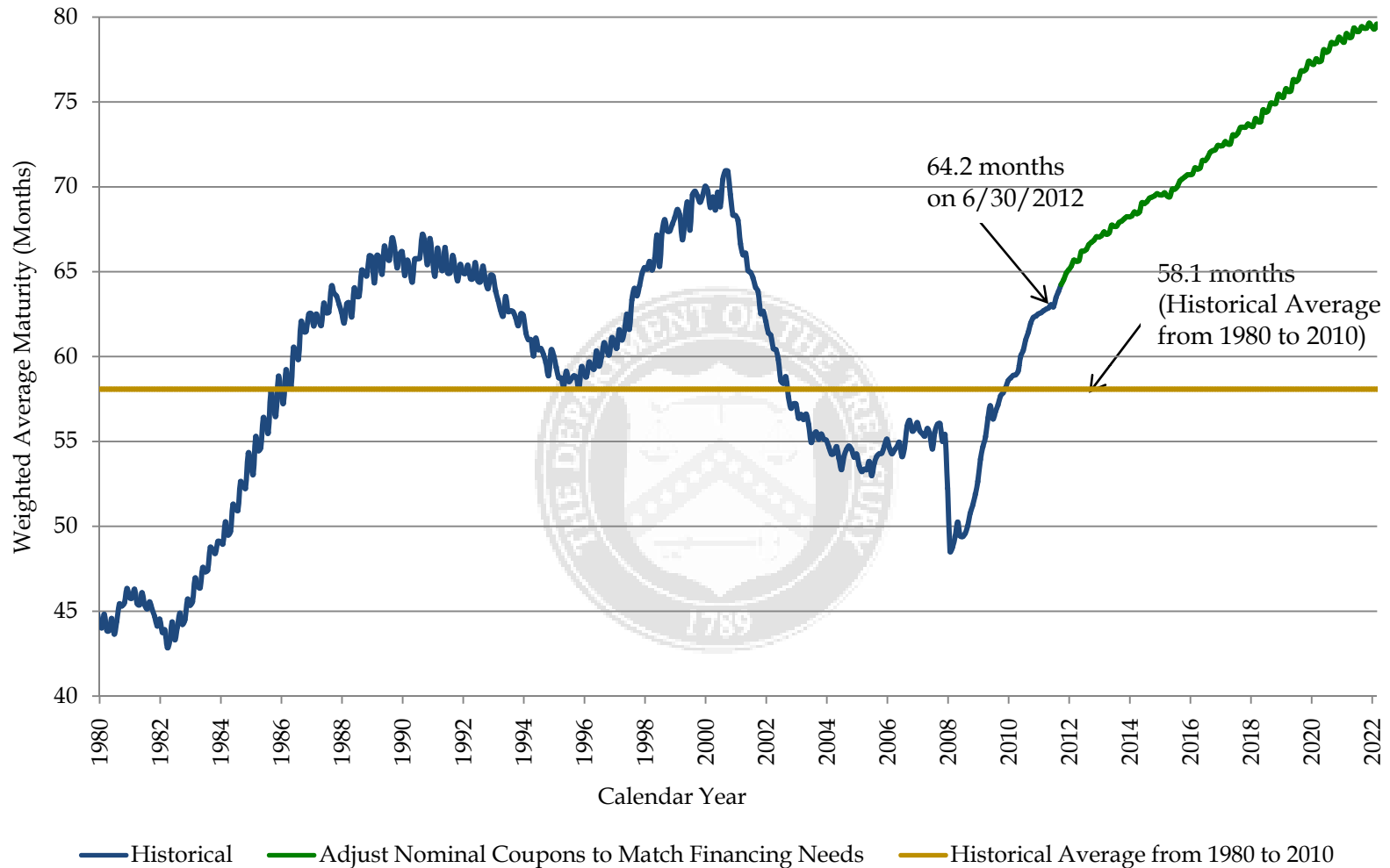
Issue	April-June 2012 Coupon Issuance			Fiscal Year to Date		
	Gross	Maturing	Net	Gross	Maturing	Net
2-Year	107	133	(27)	287	359	(72)
3-Year	106	112	(6)	310	271	39
5-Year	107	49	58	287	130	157
7-Year	88	0	88	238	0	238
10-Year	73	0	73	213	25	188
30-Year	46	0	46	136	0	136
5-Year TIPS	16	19	(3)	28	19	9
10-Year TIPS	13	0	13	53	8	45
30-Year TIPS	7	0	7	23	0	23
Coupon Subtotal	564	314	250	1,575	812	763

Total	1,868	1,696	172	5,611	4,729	882
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Section III: Portfolio Metrics

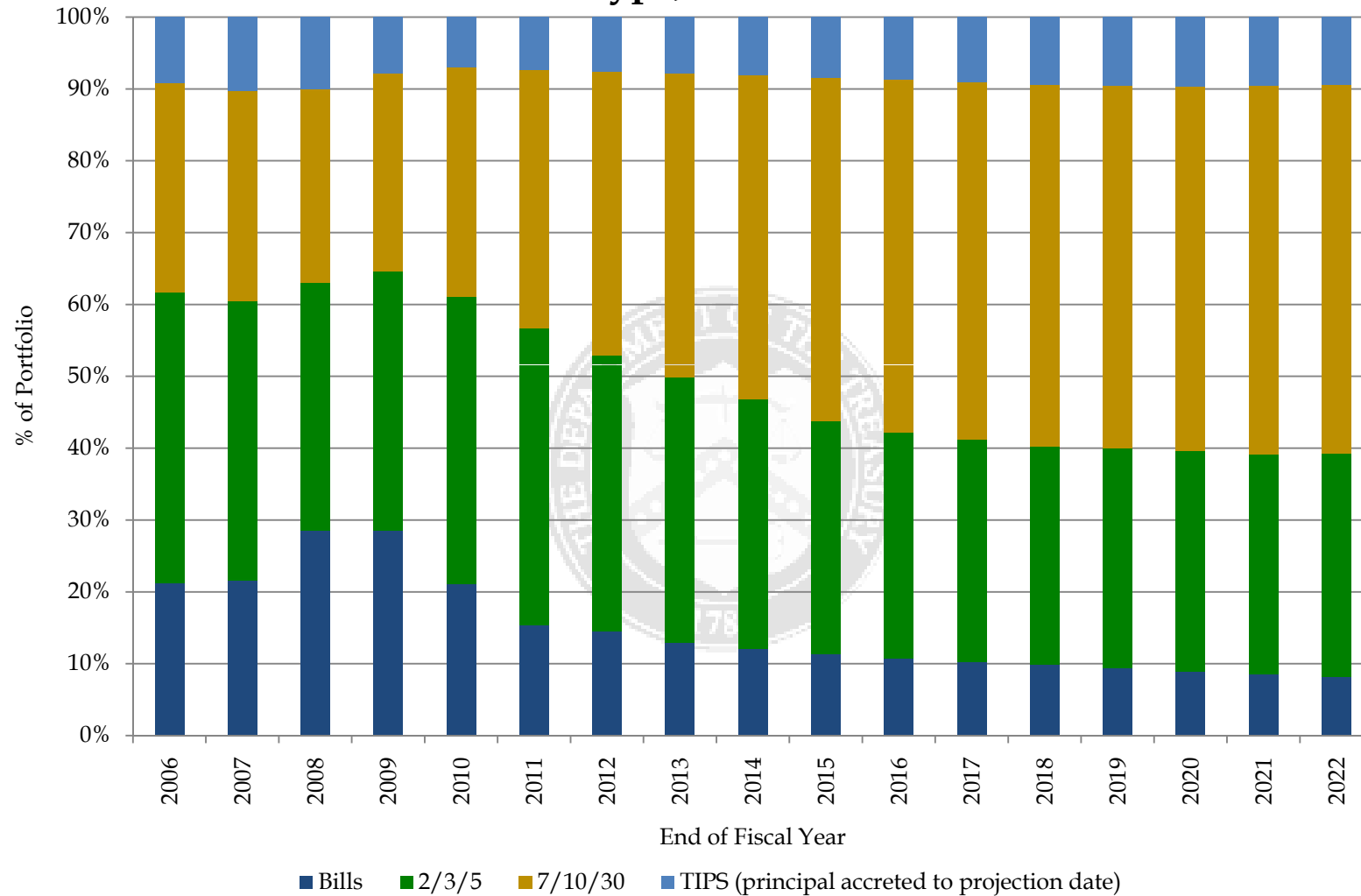


Weighted Average Maturity of Marketable Debt Outstanding



Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. To match OMB's projected borrowing from the public for the next 10 years, nominal coupon securities (2-, 3-, 5-, 7-, 10-, and 30-year) were adjusted by the same percentage. OMB's projections of borrowing from the public are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. This scenario does not represent any particular course of action that Treasury is expected to follow. Instead, it is intended to demonstrate the basic trajectory of average maturity absent changes to the mix of securities issued by Treasury.

Recent and Future Portfolio Composition by Issuance Type, Percent



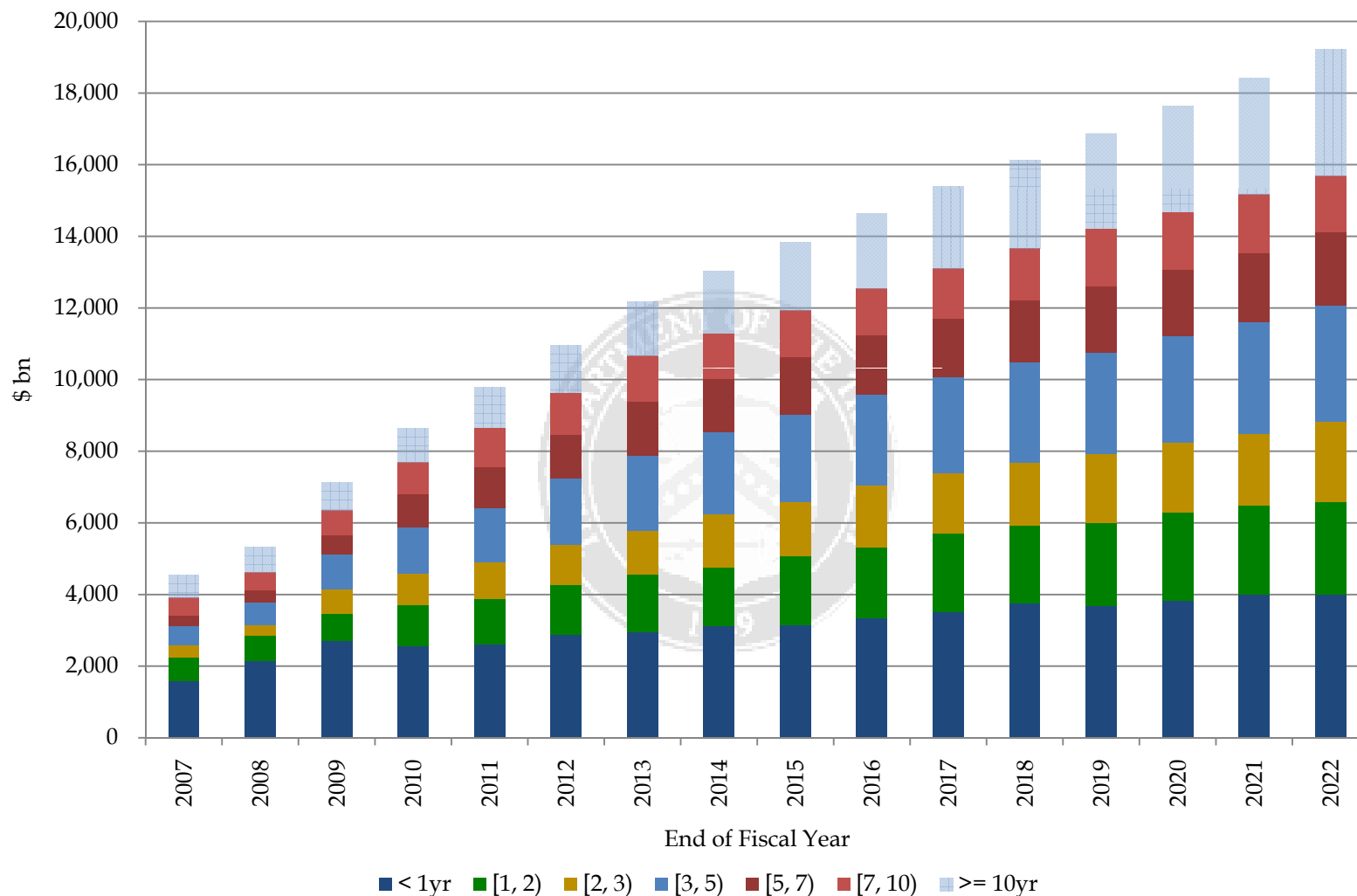
Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. To match OMB's projected borrowing from the public for the next 10 years, nominal coupon securities (2-, 3-, 5-, 7-, 10-, and 30-year) were adjusted by the same percentage. OMB's projections of borrowing from the public are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. This scenario does not represent any particular course of action that Treasury is expected to follow. Instead, it is intended to demonstrate the basic trajectory of average maturity absent changes to the mix of securities issued by Treasury. See table on the following page for details.

Recent and Future Portfolio Composition by Issuance Type, Percent

End of Fiscal Year	Bills	2-, 3-, 5-Year Nominal Coupons	7-, 10-, 30-Year Nominal Coupons	Total Nominal Coupons	TIPS (principal accrued to projection date)
2006	21.3%	40.5%	29.0%	69.5%	9.2%
2007	21.6%	38.9%	29.2%	68.1%	10.3%
2008	28.5%	34.5%	26.9%	61.4%	10.0%
2009	28.5%	36.2%	27.4%	63.6%	7.9%
2010	21.1%	40.1%	31.8%	71.9%	7.0%
2011	15.4%	41.4%	35.9%	77.3%	7.3%
2012	14.5%	38.5%	39.5%	78.0%	7.6%
2013	12.9%	37.0%	42.3%	79.3%	7.8%
2014	12.1%	34.8%	45.1%	79.8%	8.1%
2015	11.4%	32.4%	47.8%	80.2%	8.4%
2016	10.8%	31.5%	49.1%	80.5%	8.7%
2017	10.3%	30.9%	49.7%	80.6%	9.1%
2018	9.8%	30.4%	50.4%	80.8%	9.4%
2019	9.3%	30.6%	50.4%	81.0%	9.6%
2020	8.9%	30.7%	50.7%	81.4%	9.7%
2021	8.6%	30.6%	51.2%	81.8%	9.6%
2022	8.2%	31.0%	51.3%	82.4%	9.5%

Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. To match OMB's projected borrowing from the public for the next 10 years, nominal coupon securities (2-, 3-, 5-, 7-, 10-, and 30-year) were adjusted by the same percentage. OMB's projections of borrowing from the public are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. This scenario does not represent any particular course of action that Treasury is expected to follow. Instead, it is intended to demonstrate the basic trajectory of average maturity absent changes to the mix of securities issued by Treasury.

Recent and Future Maturity Profile, \$ Billion



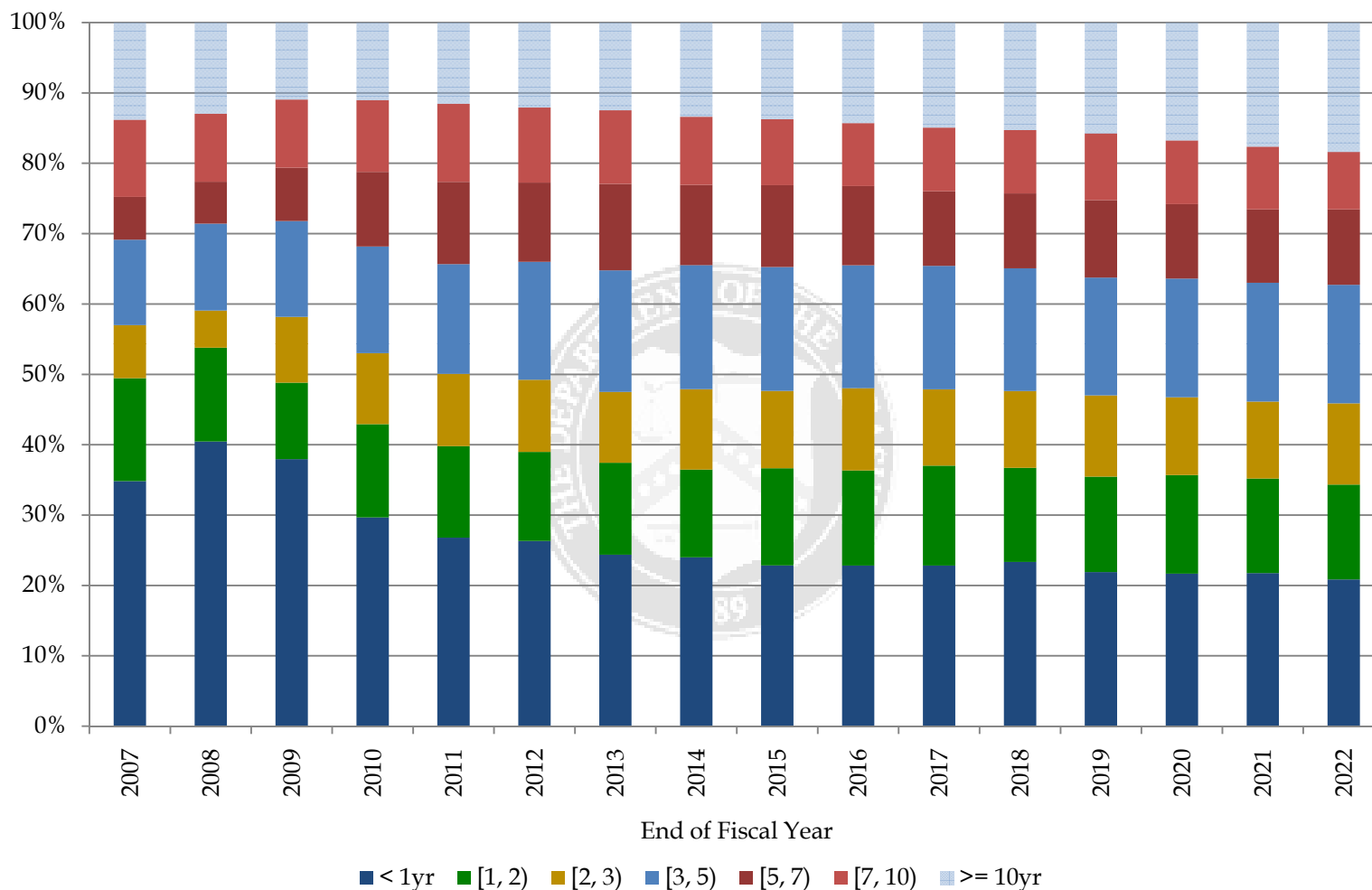
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Recent and Future Maturity Profile, \$ Billion

End of Fiscal Year	< 1yr	[1, 2)	[2, 3)	[3, 5)	[5, 7)	[7, 10)	>= 10yr	Total	[0, 5)
2007	1,582	664	343	551	276	498	628	4,541	3,139
2008	2,151	710	280	657	317	514	690	5,319	3,798
2009	2,703	775	666	970	540	690	779	7,122	5,113
2010	2,563	1,143	872	1,309	917	880	953	8,637	5,887
2011	2,621	1,273	1,004	1,526	1,145	1,085	1,129	9,783	6,424
2012	2,884	1,388	1,125	1,837	1,235	1,168	1,325	10,962	7,235
2013	2,966	1,592	1,225	2,105	1,496	1,272	1,519	12,175	7,889
2014	3,129	1,624	1,489	2,299	1,485	1,264	1,745	13,036	8,542
2015	3,161	1,908	1,521	2,435	1,610	1,294	1,902	13,830	9,024
2016	3,343	1,979	1,712	2,558	1,649	1,311	2,093	14,645	9,592
2017	3,516	2,186	1,671	2,702	1,636	1,392	2,300	15,404	10,076
2018	3,765	2,158	1,757	2,814	1,718	1,449	2,466	16,127	10,494
2019	3,695	2,289	1,951	2,825	1,856	1,598	2,660	16,874	10,759
2020	3,823	2,472	1,947	2,976	1,863	1,597	2,955	17,633	11,218
2021	4,009	2,473	2,012	3,111	1,925	1,636	3,251	18,417	11,605
2022	4,010	2,593	2,218	3,239	2,064	1,569	3,536	19,229	12,060

Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. To match OMB's projected borrowing from the public for the next 10 years, nominal coupon securities (2-, 3-, 5-, 7-, 10-, and 30-year) were adjusted by the same percentage. OMB's projections of borrowing from the public are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. This scenario does not represent any particular course of action that Treasury is expected to follow. Instead, it is intended to demonstrate the basic trajectory of average maturity absent changes to the mix of securities issued by Treasury.

Recent and Future Maturity Profile, Percent



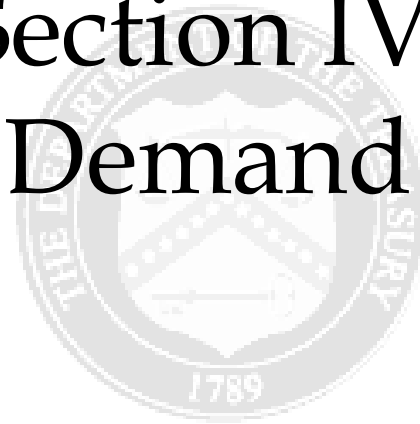
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Recent and Future Maturity Profile, Percent

End of Fiscal Year	< 1yr	[1, 2)	[2, 3)	[3, 5)	[5, 7)	[7, 10)	>= 10yr	[0, 3)	[0, 5)
2007	34.8%	14.6%	7.5%	12.1%	6.1%	11.0%	13.8%	57.0%	69.1%
2008	40.4%	13.3%	5.3%	12.3%	6.0%	9.7%	13.0%	59.1%	71.4%
2009	37.9%	10.9%	9.4%	13.6%	7.6%	9.7%	10.9%	58.2%	71.8%
2010	29.7%	13.2%	10.1%	15.2%	10.6%	10.2%	11.0%	53.0%	68.2%
2011	26.8%	13.0%	10.3%	15.6%	11.7%	11.1%	11.5%	50.1%	65.7%
2012	26.3%	12.7%	10.3%	16.8%	11.3%	10.7%	12.1%	49.2%	66.0%
2013	24.4%	13.1%	10.1%	17.3%	12.3%	10.4%	12.5%	47.5%	64.8%
2014	24.0%	12.5%	11.4%	17.6%	11.4%	9.7%	13.4%	47.9%	65.5%
2015	22.9%	13.8%	11.0%	17.6%	11.6%	9.4%	13.8%	47.6%	65.3%
2016	22.8%	13.5%	11.7%	17.5%	11.3%	8.9%	14.3%	48.0%	65.5%
2017	22.8%	14.2%	10.9%	17.5%	10.6%	9.0%	14.9%	47.9%	65.4%
2018	23.3%	13.4%	10.9%	17.5%	10.7%	9.0%	15.3%	47.6%	65.1%
2019	21.9%	13.6%	11.6%	16.7%	11.0%	9.5%	15.8%	47.0%	63.8%
2020	21.7%	14.0%	11.0%	16.9%	10.6%	9.1%	16.8%	46.7%	63.6%
2021	21.8%	13.4%	10.9%	16.9%	10.5%	8.9%	17.7%	46.1%	63.0%
2022	20.9%	13.5%	11.5%	16.8%	10.7%	8.2%	18.4%	45.9%	62.7%

Portfolio & SOMA holdings as of 6/30/2012 and estimated projections of the Maturity Extension Program. To match OMB's projected borrowing from the public for the next 10 years, nominal coupon securities (2-, 3-, 5-, 7-, 10-, and 30-year) were adjusted by the same percentage. OMB's projections of borrowing from the public are from Table S-5 and S-14 of the "Fiscal Year 2013 Mid-Session Review Budget of the US Government." The principal on the TIPS securities were accreted to each projection date based on market ZCIS levels. This scenario does not represent any particular course of action that Treasury is expected to follow. Instead, it is intended to demonstrate the basic trajectory of average maturity absent changes to the mix of securities issued by Treasury.

Section IV: Demand



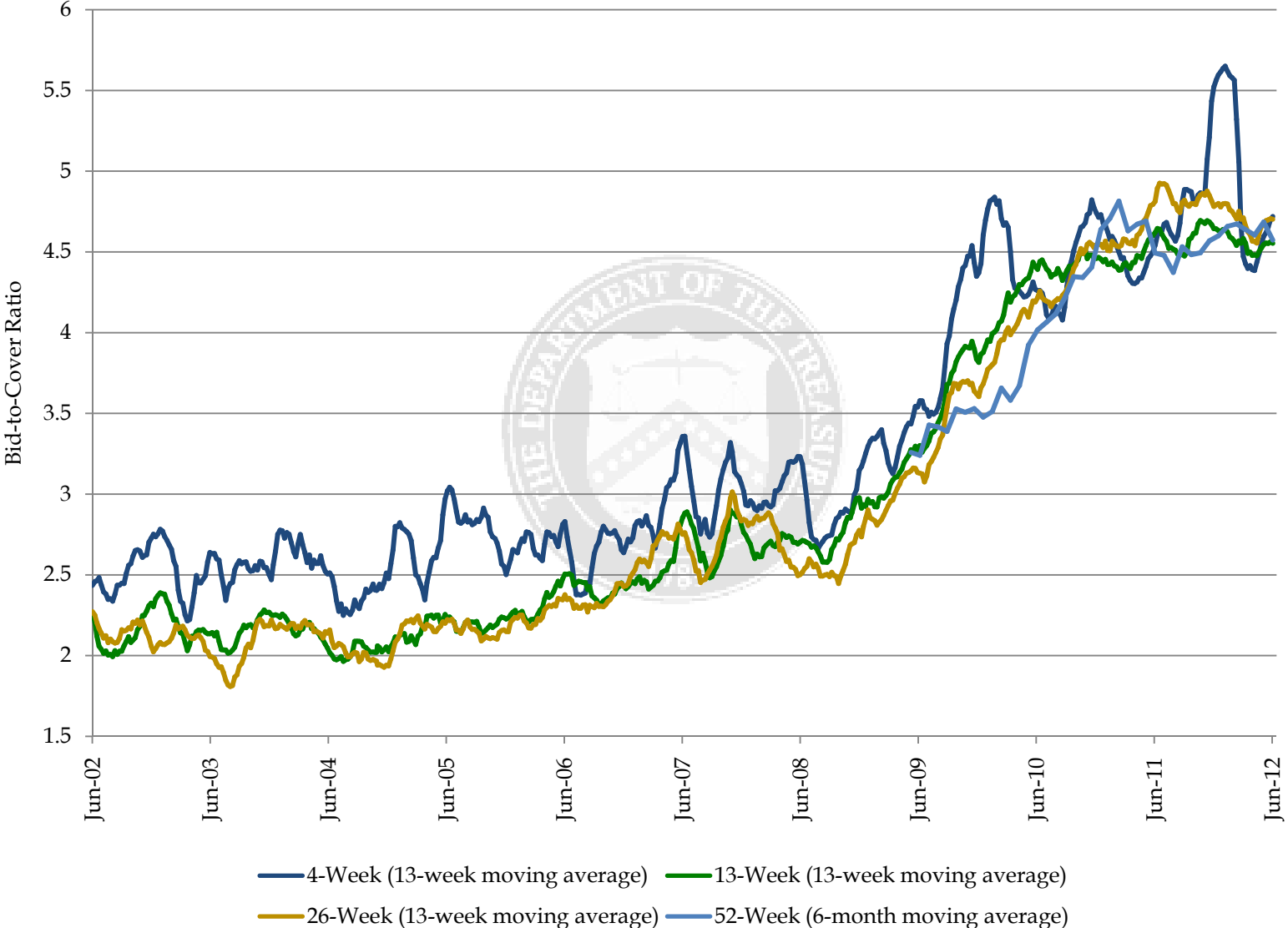
Summary Statistics for Fiscal Year 2012 Q3 Auctions

Security Type	Term	Stop Out Rate (%)	Bid-to-Cover Ratio	Competitive Awards (\$ bn)	% Primary Dealer	% Direct	% Indirect	Non-Competitive Awards (\$ bn)	SOMA Add Ons (\$ bn)	10-Yr Equivalent (\$ bn)
Bill	4-Week	0.064	4.7	386.0	69.1%	10.1%	20.8%	3.3	61.2	3.29
Bill	13-Week	0.086	4.6	378.0	68.5%	7.4%	24.1%	9.8	0.0	10.67
Bill	26-Week	0.142	4.7	344.1	66.0%	7.1%	26.9%	8.1	0.0	19.40
Bill	52-Week	0.190	4.5	101.1	69.8%	12.0%	18.2%	0.6	0.0	11.20
Coupon	2-Year	0.294	3.8	104.4	59.3%	8.2%	32.4%	0.5	1.3	22.89
Coupon	3-Year	0.392	3.5	95.9	55.4%	10.4%	34.2%	0.1	10.1	31.47
Coupon	5-Year	0.796	2.9	104.9	49.4%	8.9%	41.8%	0.1	1.3	56.43
Coupon	7-Year	1.208	2.8	86.9	45.7%	13.3%	41.0%	0.0	1.1	63.93
Coupon	10-Year	1.841	3.0	66.0	44.4%	15.9%	39.7%	0.0	6.8	66.01
Coupon	30-Year	3.019	2.6	42.0	50.1%	17.5%	32.4%	0.0	4.3	93.49
TIPS	5-Year	(1.080)	2.6	15.9	54.9%	9.1%	36.0%	0.1	0.4	9.44
TIPS	10-Year	(0.391)	3.0	13.0	34.5%	14.8%	50.7%	0.0	0.0	14.36
TIPS	30-Year	0.520	2.6	7.0	37.6%	28.1%	34.3%	0.0	0.0	21.65

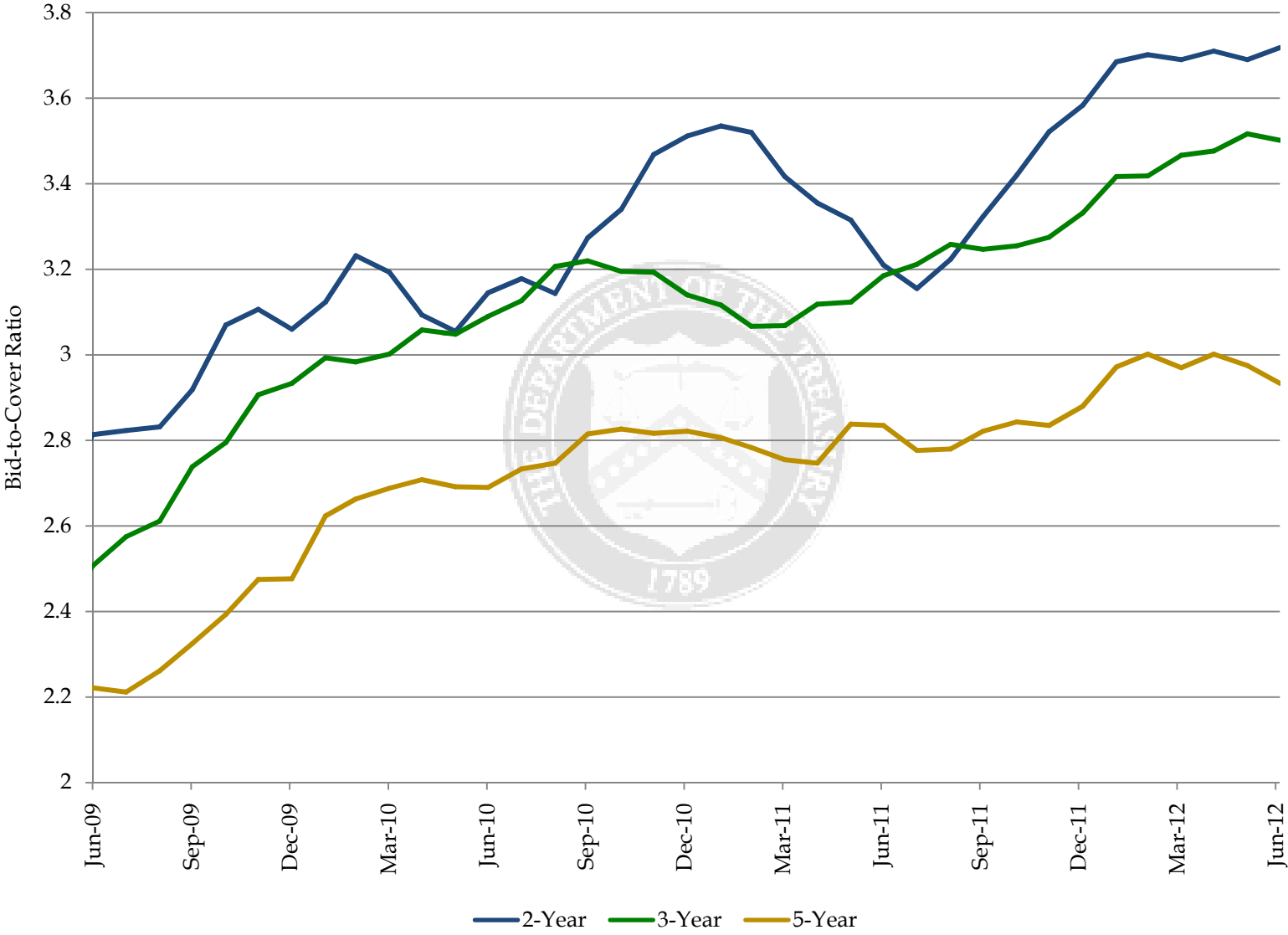
Total Bills	0.104	4.6	1,209.2	68.1%	8.5%	23.4%	21.7	61.2	44.57
Total Coupons	1.010	3.2	499.9	51.4%	11.4%	37.2%	0.8	24.8	334.22
Total TIPS	(0.072)	2.9	20.0	35.6%	19.5%	44.9%	0.0	0.0	45.45

Stop Out Rate, Bid-to-Cover Ratio, % Primary Dealer, % Direct and % Indirect are weighted averages of Competitive Awards. 10-Yr equivalent is approximated using prices at settlement and includes both Competitive and Non-Competitive Awards. For TIPS 10-Yr equivalent, a constant auction BEI is used as the inflation assumption.

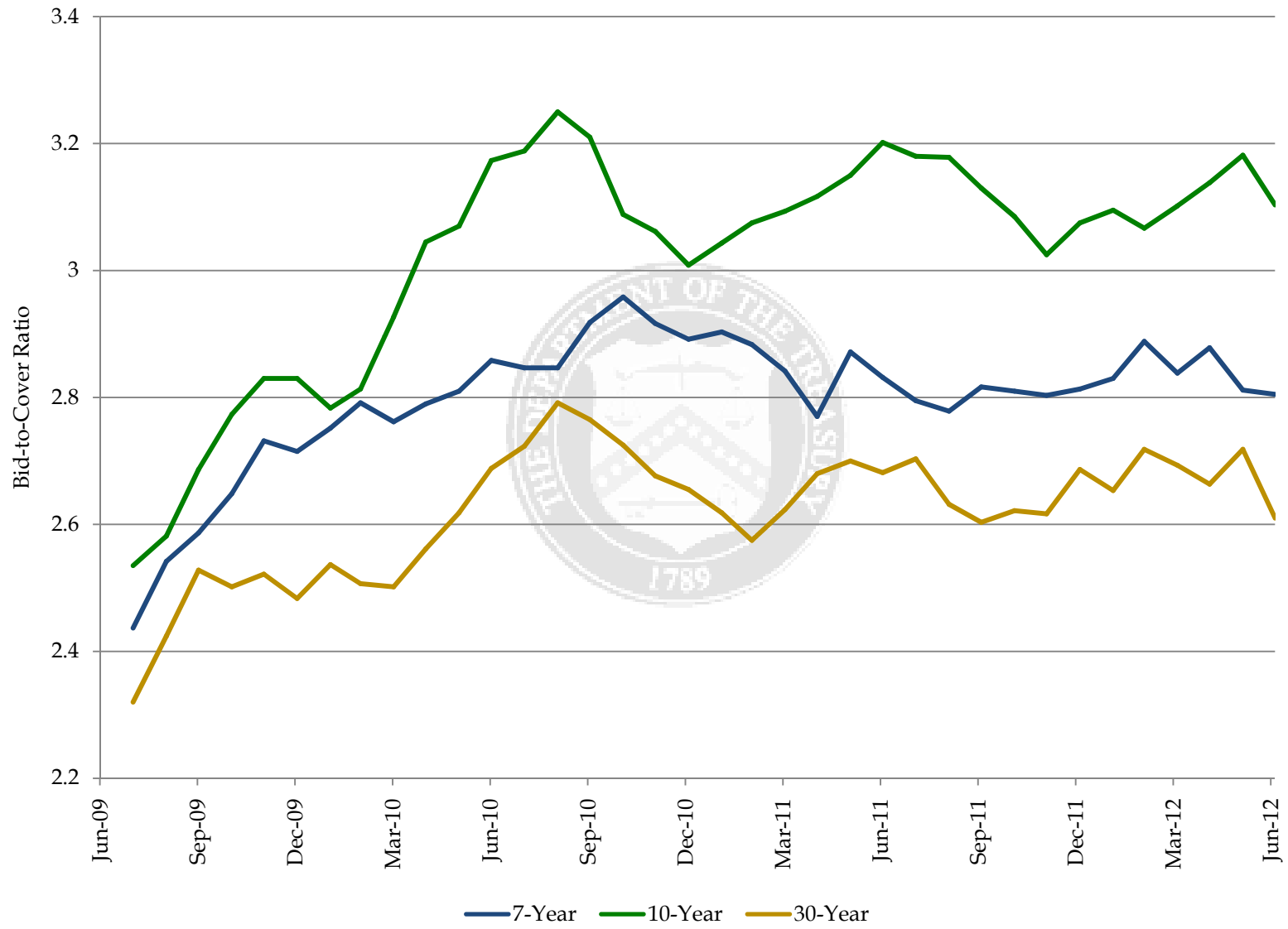
Bid-to-Cover Ratios for Treasury Bills



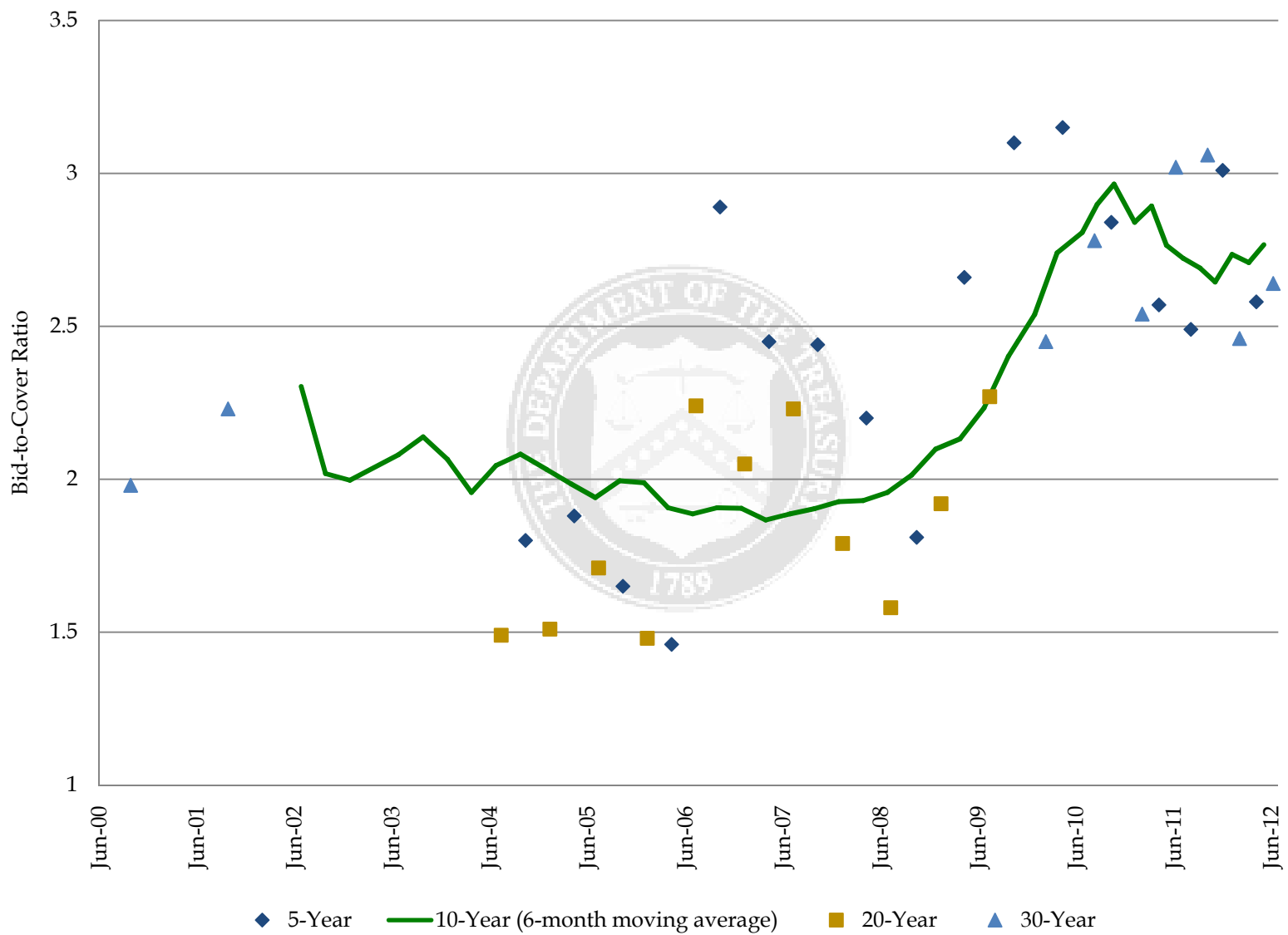
Bid-to-Cover Ratios for 2-, 3-, and 5-Year Nominal Securities (6-Month Moving Average)



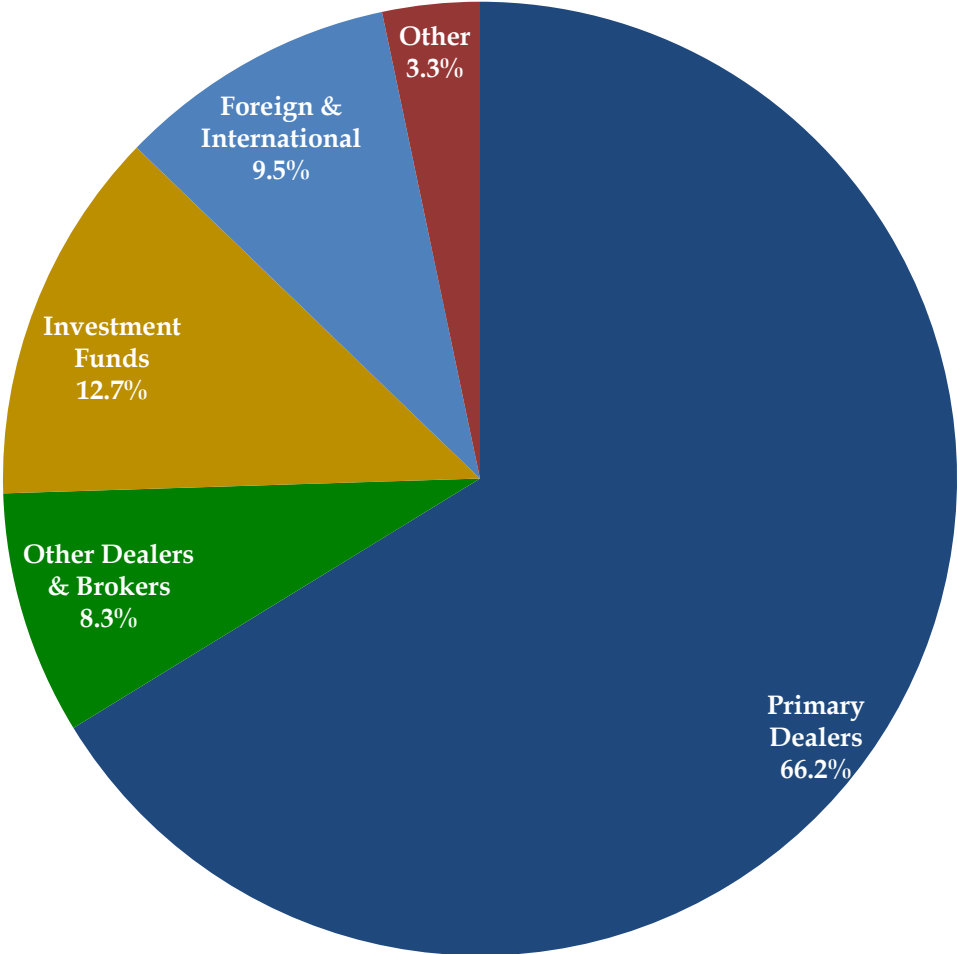
Bid-to-Cover Ratios for 7-, 10-, and 30-Year Nominal Securities (6-Month Moving Average)



Bid-to-Cover Ratios for TIPS

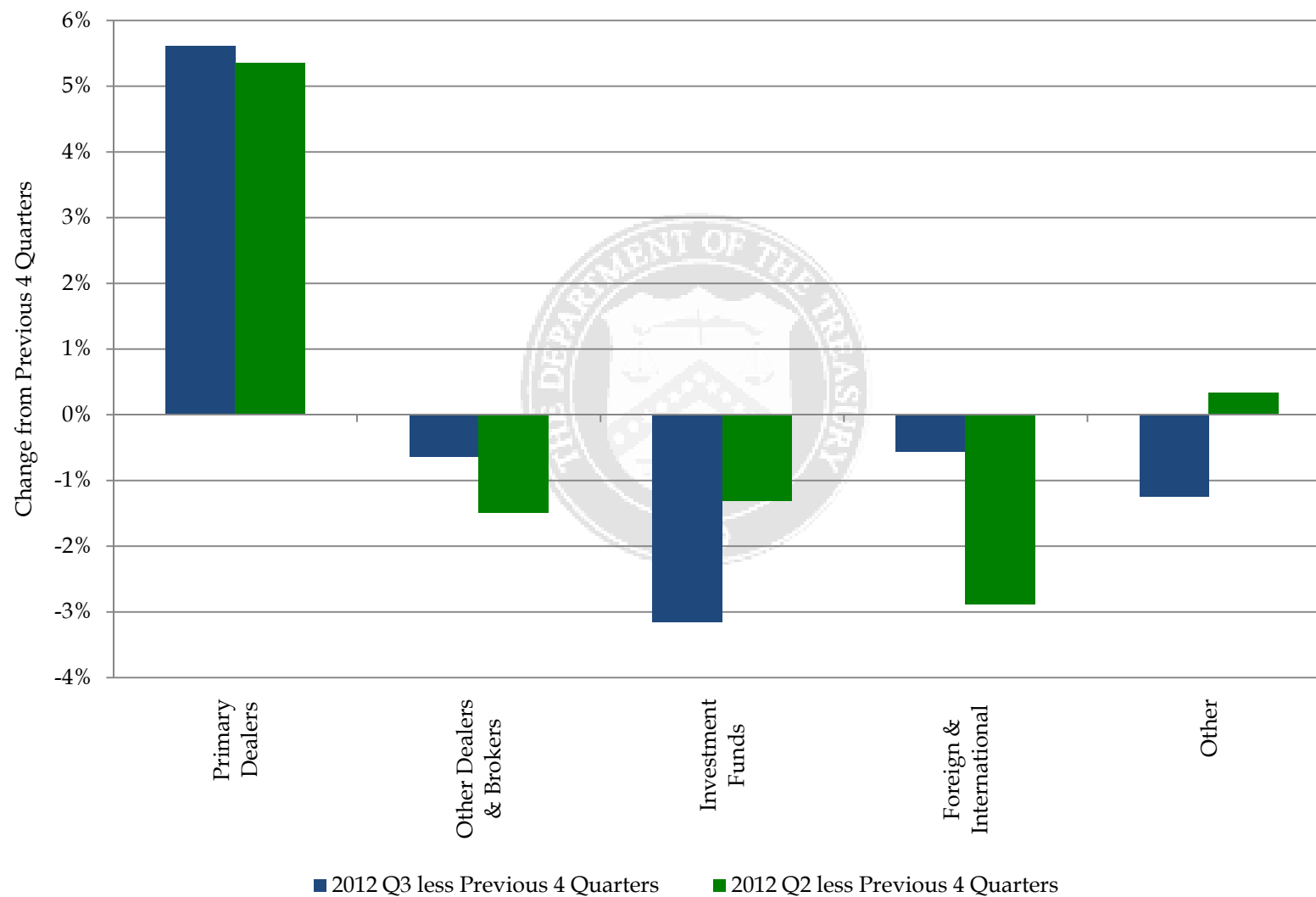


Investor Class Auction Awards: Bills Fiscal Year 2012 Q3



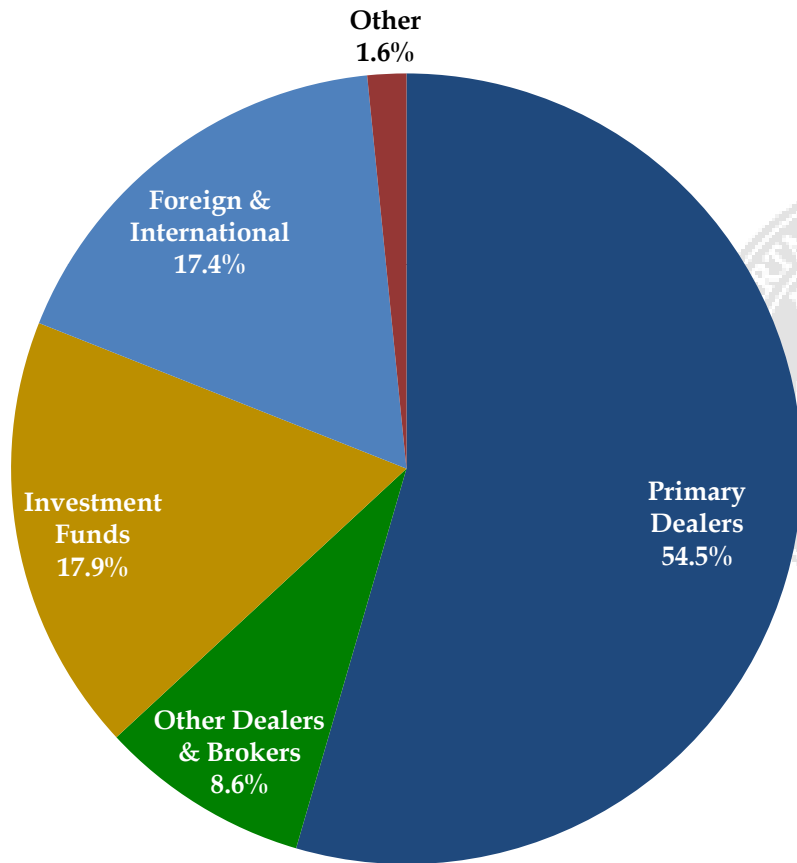
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance.

Change in Demand Over the Last Year in Bills, Auction Awards by Investor Class

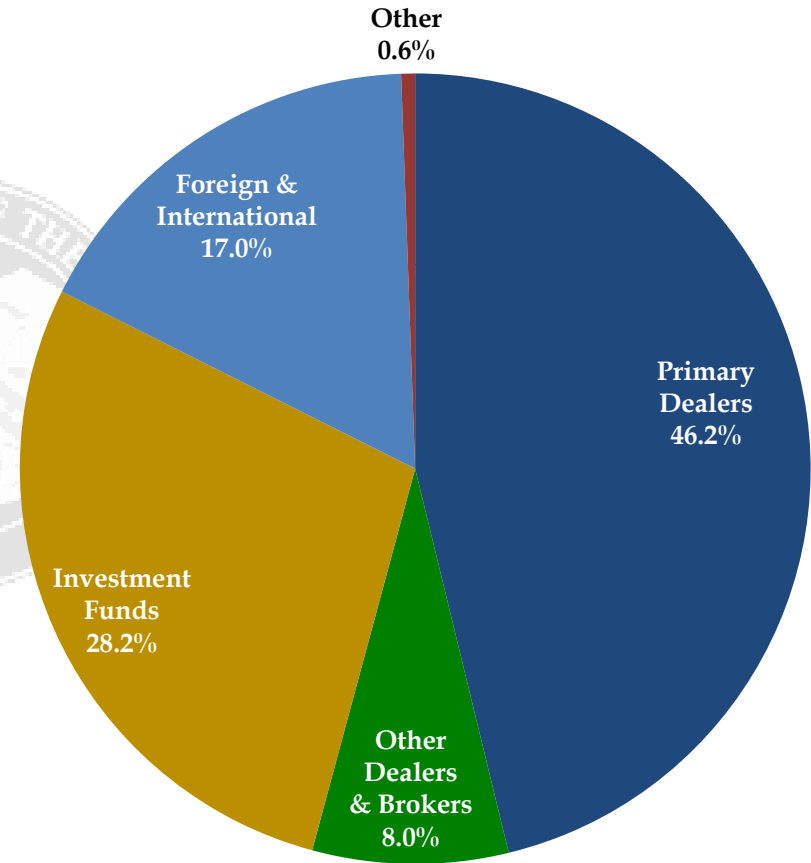


Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance. These results may include seasonal effects.

**Investor Class Auction Awards:
2-, 3-, and 5-Year Nominal Securities
Fiscal Year 2012 Q3**

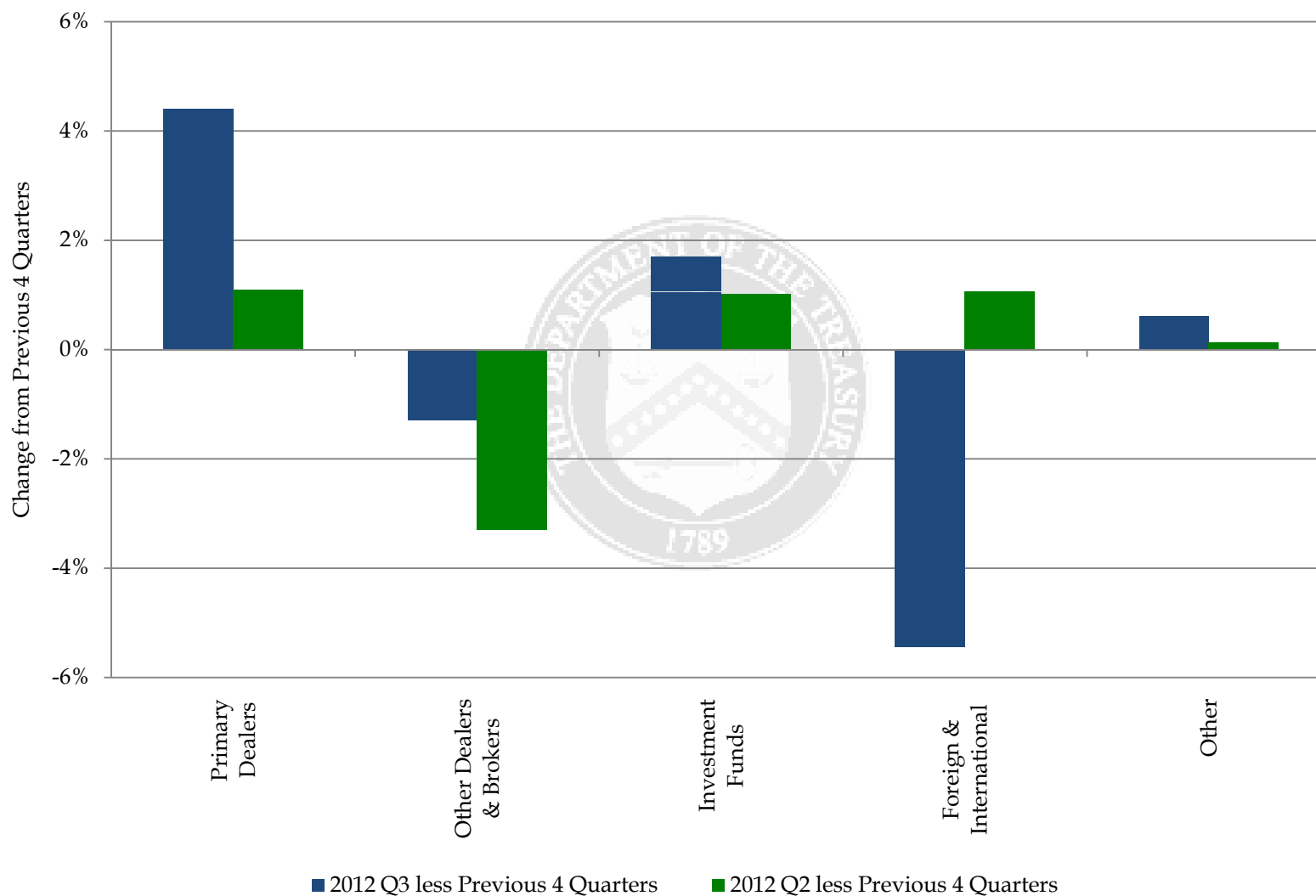


**Investor Class Auction Awards:
7-, 10-, and 30-Year Nominal Securities
Fiscal Year 2012 Q3**



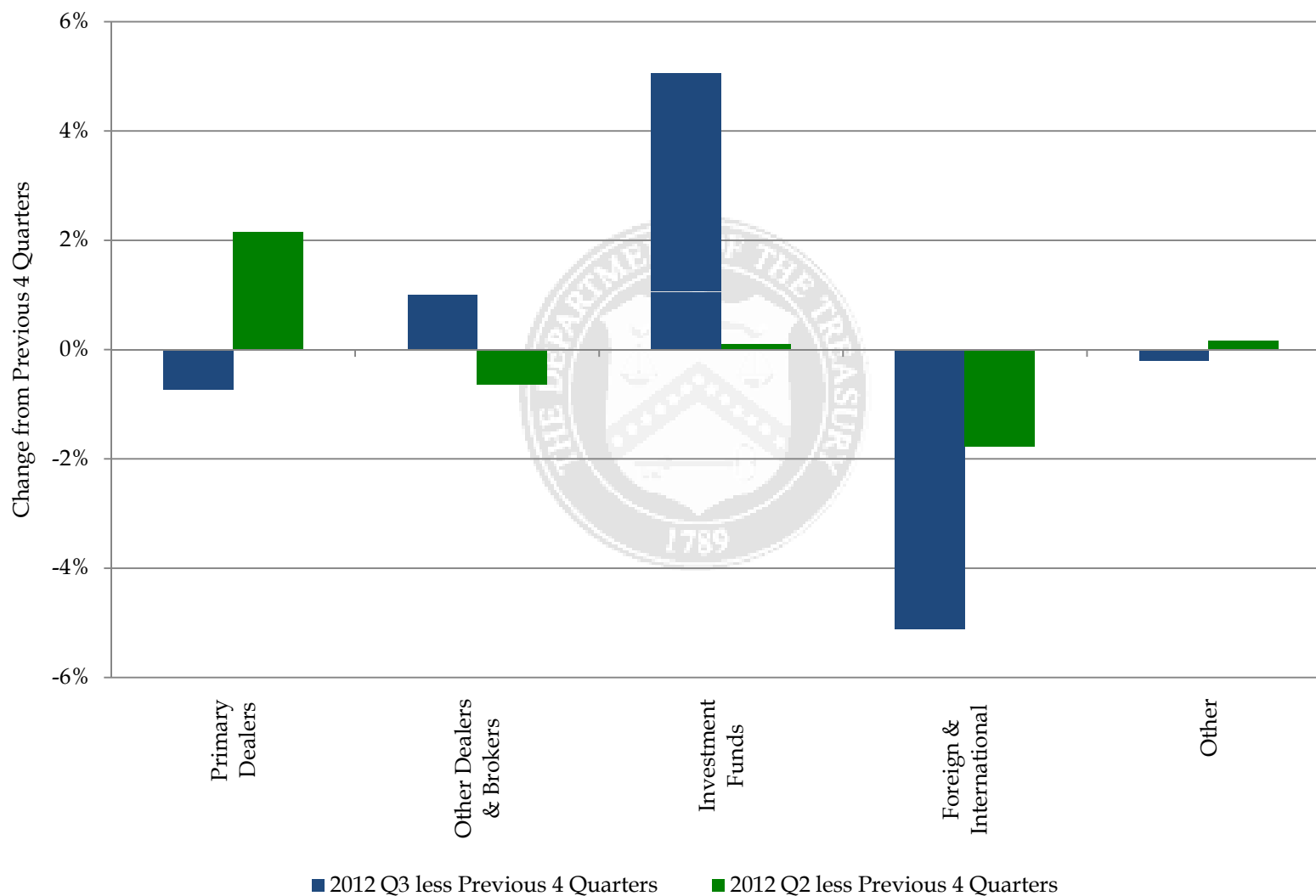
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance. 34

Change in Demand Over the Last Year in 2-, 3-, 5-Year Nominal Securities, Auction Awards by Investor Class



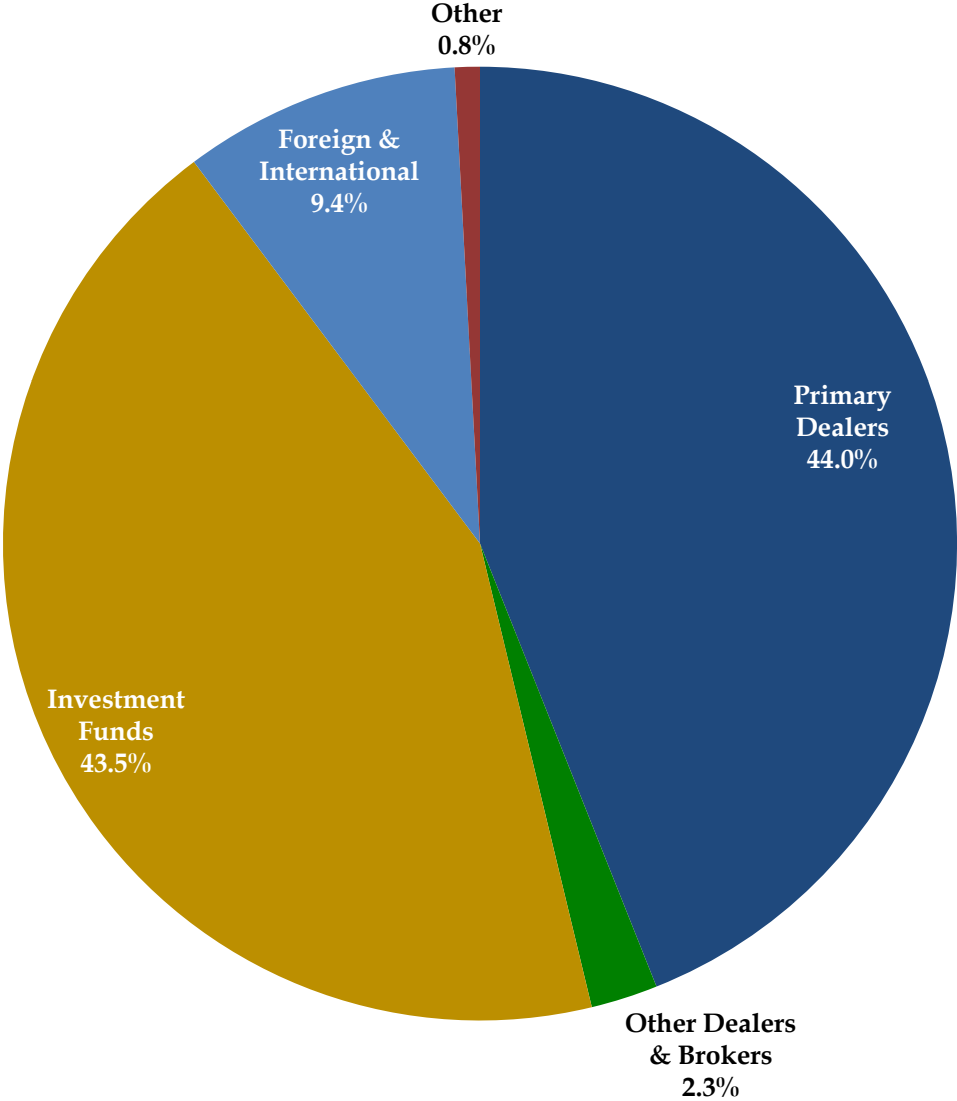
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance. These results may include seasonal effects.

Change in Demand Over the Last Year in 7-, 10-, 30-Year Nominal Securities, Auction Awards by Investor Class



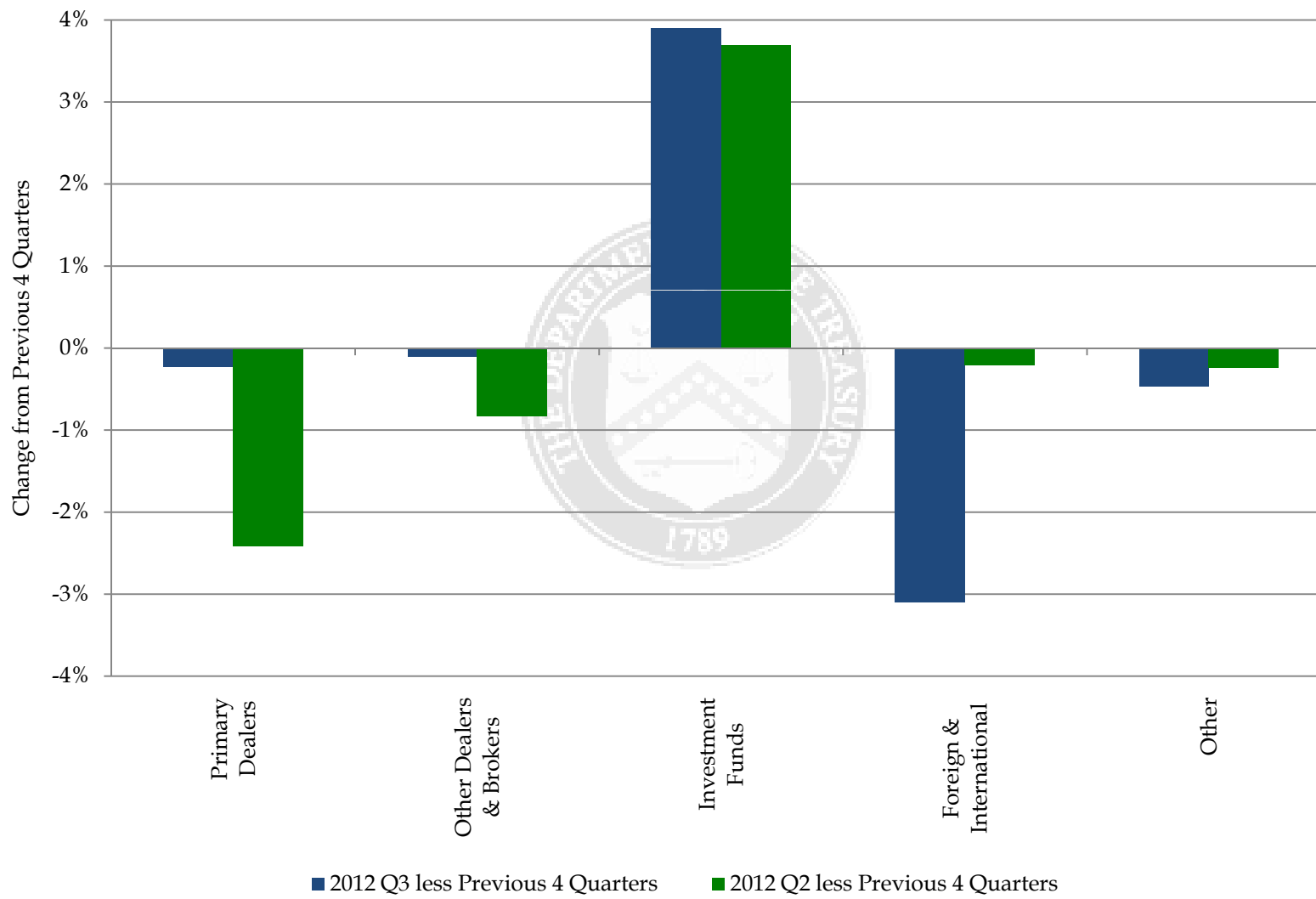
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance. These results may include seasonal effects.

Investor Class Auction Awards: TIPS Fiscal Year 2012 Q3



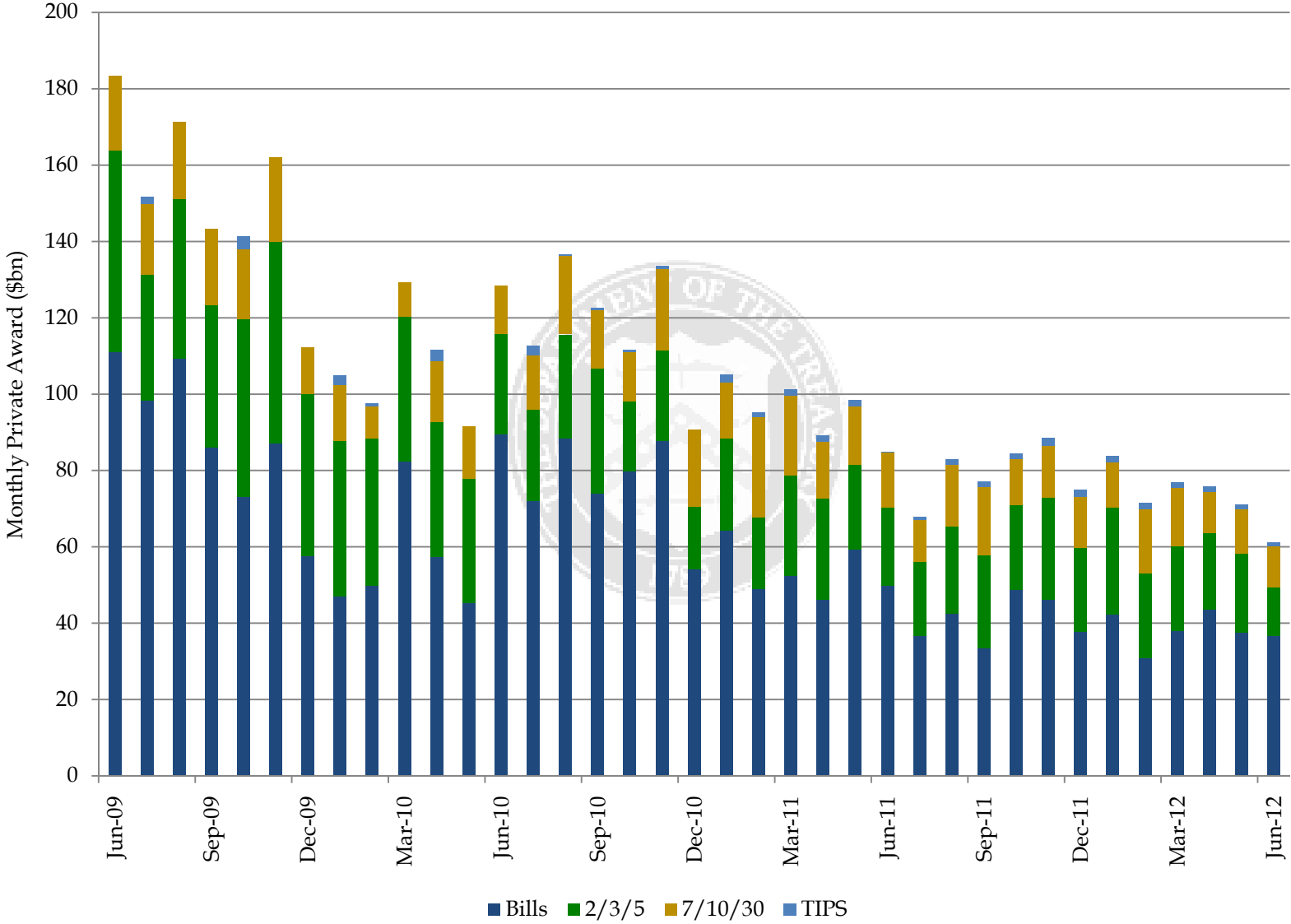
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance.

Change in Demand Over the Last Year in TIPS, Auction Awards by Investor Class



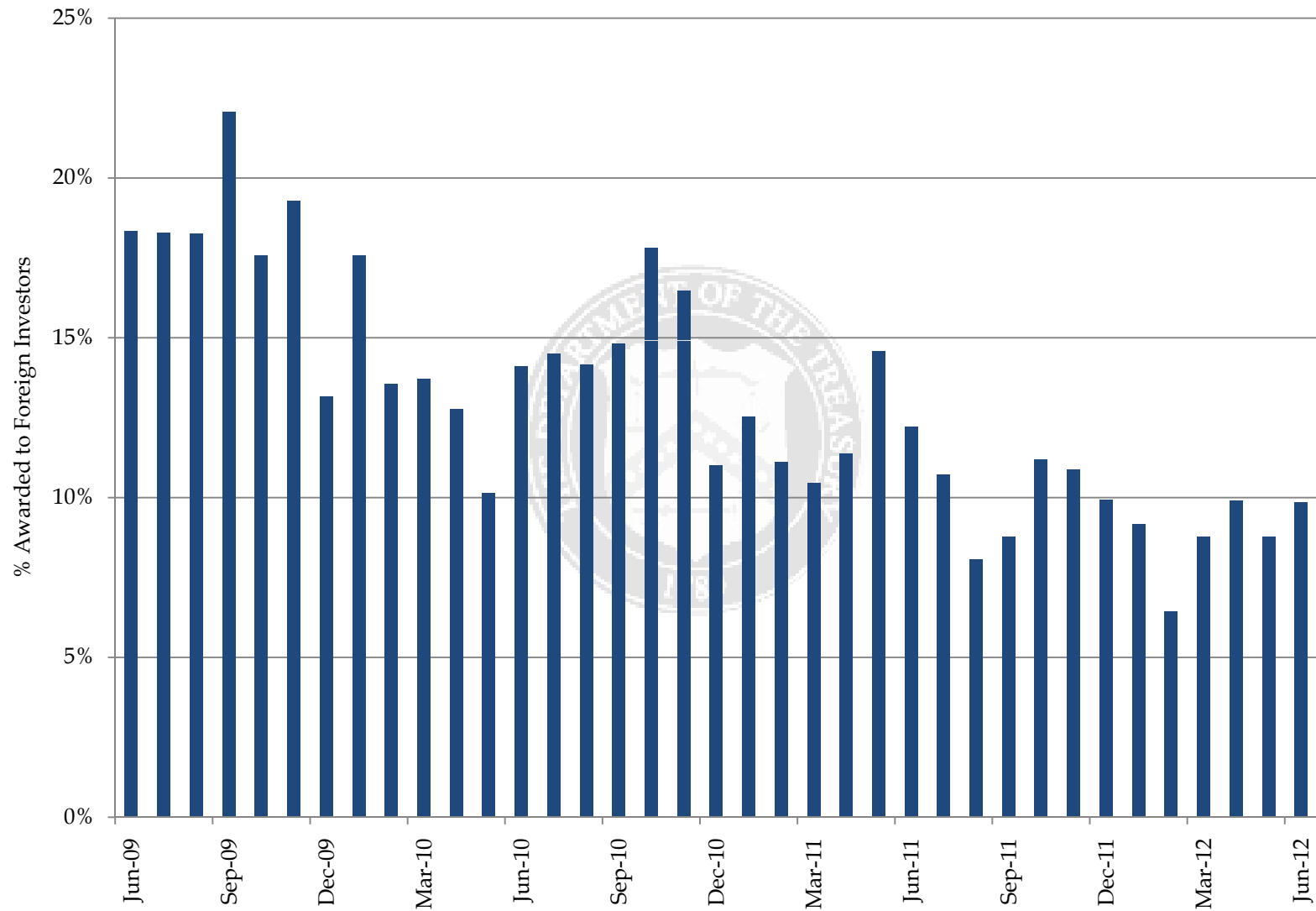
Excludes SOMA add-ons. The "Other" category includes categories that are each less than 2%, which include Depository Institutions, Individuals, Pension and Insurance. These results may include seasonal effects.

Total Foreign Awards of Treasuries at Auction, \$ Billion



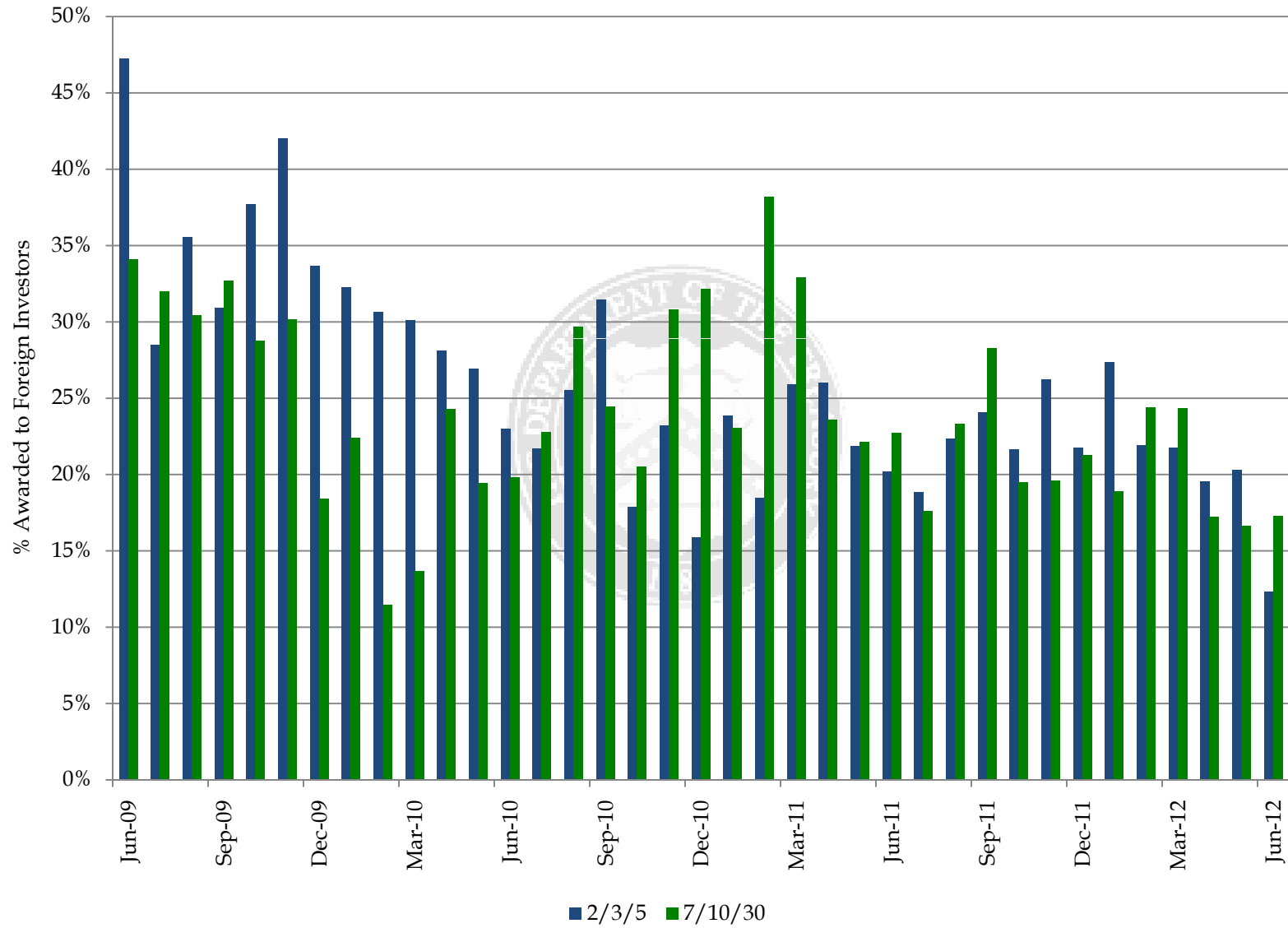
Foreign includes both private sector and official institutions.

Foreign Awards of Bills at Auction, Percent



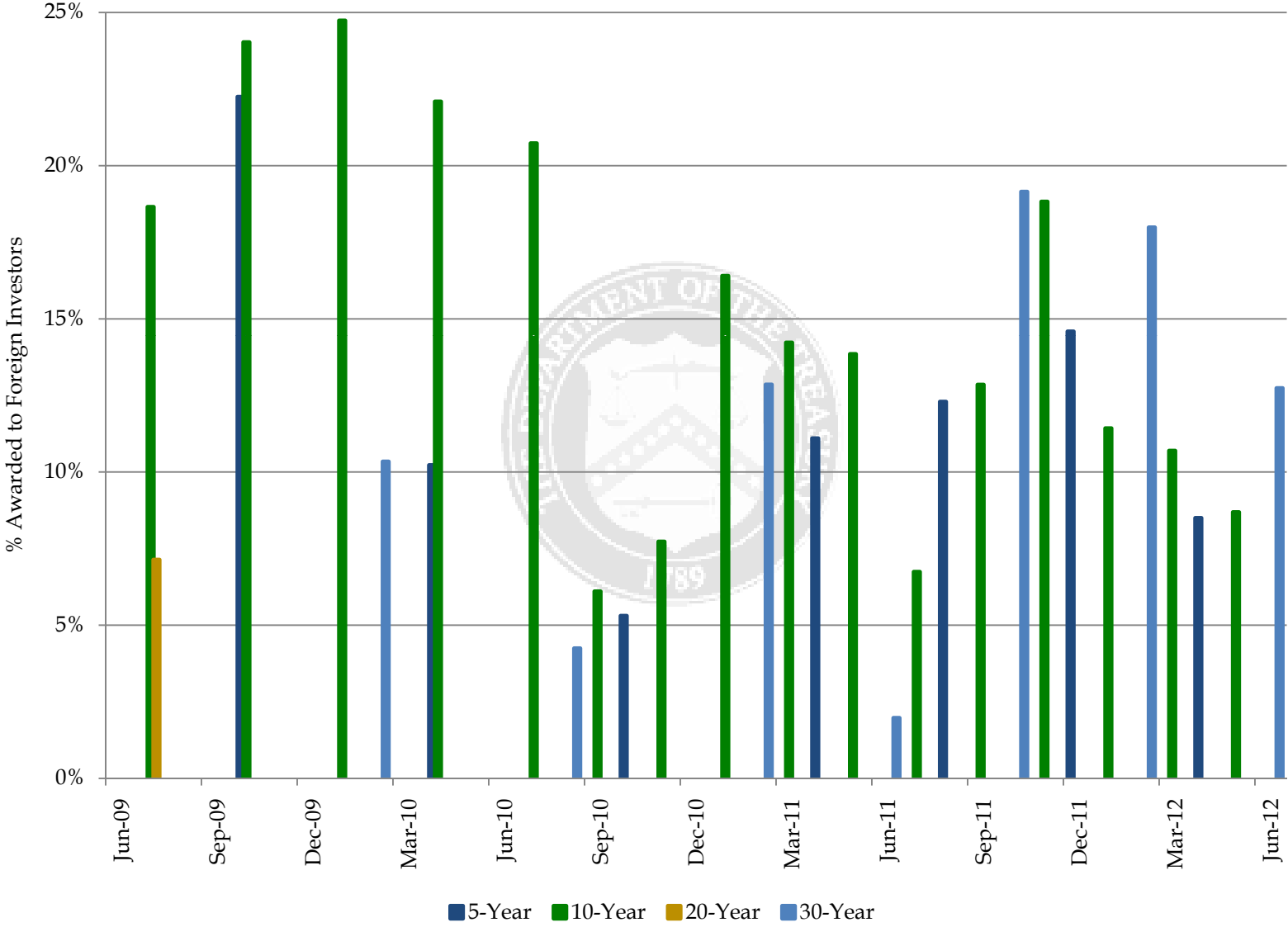
Excludes SOMA add-ons. Foreign includes both private sector and official institutions.

Foreign Awards of Nominal Coupons at Auction, Percent



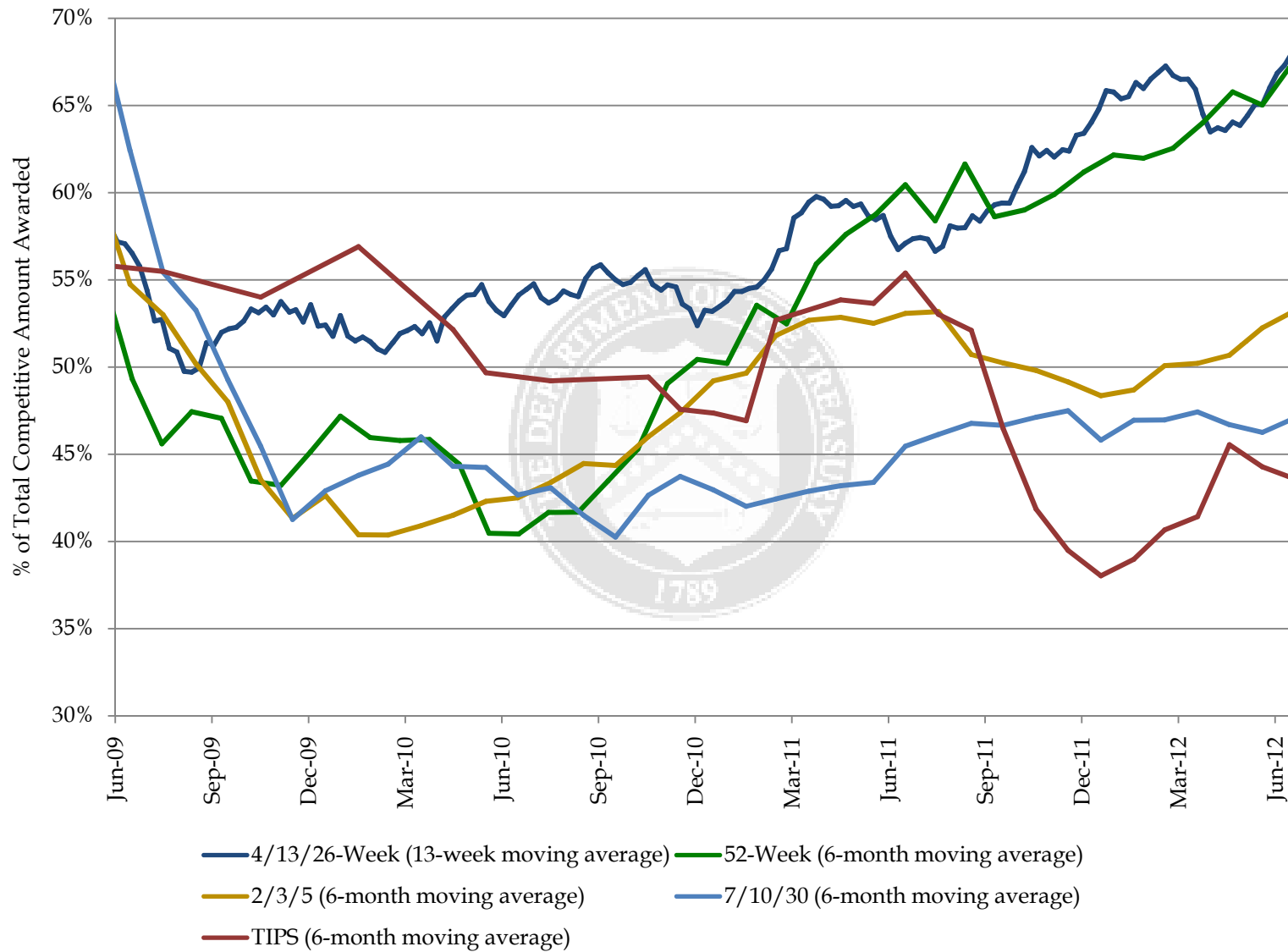
Excludes SOMA add-ons. Foreign includes both private sector and official institutions.

Foreign Awards of TIPS at Auction, Percent



Excludes SOMA add-ons. Foreign includes both private sector and official institutions.

Primary Dealer Awards at Auction, Percent



Appendix

The seal of the U.S. Department of the Treasury is centered behind the word "Appendix". The seal is circular and features a shield with a scale of justice, a sword, and a chevron with stars. The text "THE DEPARTMENT OF THE TREASURY" is written around the top inner edge of the seal, and the year "1789" is at the bottom.

Issue	Settle Date	Stop Out Rate (%)	Bid-to-Cover Ratio	Competitive Awards (\$ bn)	Bill Issues			Non-Competitive Awards (\$ bn)	SOMA Add Ons (\$ bn)	10-Yr Equivalent (\$ bn)
					% Primary Dealer	% Direct	% Indirect			
4-Week	04/03/12	0.055	4.75	29.72	55.9%	7.7%	36.3%	0.28	5.94	0.26
4-Week	04/10/12	0.080	4.71	29.78	56.9%	12.2%	30.8%	0.22	3.78	0.26
4-Week	04/17/12	0.065	4.88	29.76	60.3%	13.9%	25.8%	0.25	6.29	0.26
4-Week	04/24/12	0.075	4.44	29.51	70.1%	10.6%	19.3%	0.23	2.42	0.26
4-Week	05/01/12	0.080	4.88	29.68	68.1%	11.7%	20.2%	0.27	5.94	0.26
4-Week	05/08/12	0.075	5.05	29.75	48.7%	14.5%	36.7%	0.20	3.78	0.26
4-Week	05/15/12	0.075	4.63	29.76	77.2%	7.8%	15.1%	0.24	6.29	0.25
4-Week	05/22/12	0.065	4.95	29.72	78.7%	8.0%	13.3%	0.23	2.42	0.25
4-Week	05/30/12	0.060	4.77	29.73	69.6%	8.7%	21.7%	0.27	5.94	0.25
4-Week	06/05/12	0.040	4.79	29.72	73.6%	9.8%	16.7%	0.28	3.78	0.25
4-Week	06/12/12	0.055	4.53	29.71	82.5%	8.0%	9.5%	0.29	6.29	0.25
4-Week	06/19/12	0.050	4.54	29.74	78.7%	8.9%	12.4%	0.26	2.42	0.25
4-Week	06/26/12	0.060	4.43	29.44	78.1%	9.4%	12.6%	0.27	5.94	0.25
13-Week	04/02/12	0.075	4.57	29.98	58.5%	7.5%	34.0%	0.76	0.00	0.87
13-Week	04/09/12	0.085	4.20	30.18	60.8%	8.3%	30.9%	0.67	0.00	0.87
13-Week	04/16/12	0.080	4.50	29.15	61.2%	9.8%	29.0%	0.75	0.00	0.83
13-Week	04/23/12	0.080	4.72	28.25	63.7%	7.4%	28.9%	0.80	0.00	0.81
13-Week	04/30/12	0.095	4.60	28.98	68.0%	5.4%	26.6%	0.72	0.00	0.83
13-Week	05/07/12	0.090	4.56	28.94	74.1%	9.5%	16.4%	0.76	0.00	0.82
13-Week	05/14/12	0.095	4.66	28.94	73.3%	8.0%	18.6%	0.76	0.00	0.80
13-Week	05/21/12	0.085	4.61	29.19	77.8%	6.5%	15.7%	0.71	0.00	0.82
13-Week	05/29/12	0.085	4.52	28.61	69.5%	6.6%	23.9%	0.73	0.00	0.79
13-Week	06/04/12	0.075	4.53	28.97	70.6%	7.5%	22.0%	0.75	0.00	0.81
13-Week	06/11/12	0.085	4.79	29.21	70.6%	6.6%	22.8%	0.79	0.00	0.82
13-Week	06/18/12	0.095	4.43	29.09	72.7%	5.8%	21.4%	0.76	0.00	0.81
13-Week	06/25/12	0.095	4.50	28.50	70.4%	6.9%	22.7%	0.81	0.00	0.79
26-Week	04/02/12	0.140	4.58	28.16	50.0%	8.1%	41.9%	0.64	0.00	1.64
26-Week	04/09/12	0.150	4.37	27.83	50.6%	7.3%	42.1%	0.65	0.00	1.60
26-Week	04/16/12	0.135	4.44	26.66	70.3%	8.3%	21.4%	0.71	0.00	1.53
26-Week	04/23/12	0.130	4.48	26.44	66.3%	7.6%	26.1%	0.60	0.00	1.51
26-Week	04/30/12	0.145	4.75	27.04	70.6%	9.3%	20.1%	0.56	0.00	1.54
26-Week	05/07/12	0.145	4.63	26.83	71.2%	7.8%	21.0%	0.62	0.00	1.52
26-Week	05/14/12	0.145	5.17	25.96	68.5%	7.5%	23.9%	0.64	0.00	1.44
26-Week	05/21/12	0.140	4.97	26.00	73.5%	6.1%	20.4%	0.60	0.00	1.47
26-Week	05/29/12	0.140	4.58	25.43	69.2%	5.7%	25.0%	0.62	0.00	1.40
26-Week	06/04/12	0.130	4.73	25.92	75.7%	6.0%	18.4%	0.65	0.00	1.44
26-Week	06/11/12	0.140	5.18	26.07	60.3%	7.2%	32.5%	0.63	0.00	1.45
26-Week	06/18/12	0.150	4.50	26.28	69.2%	4.6%	26.2%	0.62	0.00	1.46
26-Week	06/25/12	0.150	4.75	25.50	64.9%	6.4%	28.6%	0.60	0.00	1.41
52-Week	04/03/12	0.185	4.31	25.76	71.6%	9.5%	18.9%	0.14	0.00	2.94
52-Week	05/01/12	0.185	4.56	25.89	70.6%	7.5%	21.9%	0.11	0.00	2.90
52-Week	05/30/12	0.185	5.07	24.67	63.5%	18.8%	17.7%	0.16	0.00	2.66
52-Week	06/26/12	0.205	4.15	24.76	73.4%	12.5%	14.2%	0.14	0.00	2.69

Stop Out Rate, Bid-to-Cover Ratio, % Primary Dealer, % Direct and % Indirect are weighted averages of Competitive Awards. 10-Yr equivalent is approximated using prices at settlement and includes both Competitive and Non-Competitive Awards.

Nominal Coupon Securities										
Issue	Settle Date	Stop Out Rate (%)	Bid-to-Cover Ratio	Competitive Awards (\$ bn)	% Primary Dealer	% Direct	% Indirect	Non-Competitive Awards (\$ bn)	SOMA Add Ons (\$ bn)	10-Yr Equivalent (\$ bn)
2-Year	04/24/12	0.270	3.76	34.84	60.0%	7.8%	32.1%	0.16	0.94	7.81
2-Year	05/22/12	0.300	3.95	34.81	57.5%	9.0%	33.5%	0.19	0.00	7.52
2-Year	06/26/12	0.313	3.62	34.72	60.4%	7.9%	31.7%	0.18	0.36	7.56
3-Year	04/10/12	0.427	3.36	31.96	52.2%	7.8%	40.0%	0.04	5.82	10.69
3-Year	05/08/12	0.362	3.65	31.96	53.1%	11.2%	35.7%	0.04	2.00	10.44
3-Year	06/12/12	0.387	3.53	31.97	60.9%	12.0%	27.0%	0.03	2.26	10.34
5-Year	04/25/12	0.887	3.09	34.98	43.1%	9.4%	47.5%	0.02	0.94	19.20
5-Year	05/23/12	0.748	2.99	34.93	50.9%	6.5%	42.6%	0.05	0.00	18.50
5-Year	06/27/12	0.752	2.61	34.95	54.1%	10.7%	35.1%	0.03	0.36	18.73
7-Year	04/26/12	1.347	2.83	28.96	44.1%	17.6%	38.2%	0.01	0.78	21.57
7-Year	05/24/12	1.203	2.80	28.97	41.6%	15.7%	42.7%	0.01	0.00	21.14
7-Year	06/28/12	1.075	2.64	28.97	51.5%	6.5%	42.0%	0.01	0.30	21.21
10-Year	04/11/12	2.043	3.08	20.99	50.5%	11.0%	38.5%	0.01	3.82	21.00
10-Year	05/09/12	1.855	2.90	23.98	45.5%	15.8%	38.7%	0.02	1.50	24.00
10-Year	06/13/12	1.622	3.06	20.99	37.2%	20.8%	42.0%	0.01	1.48	21.00
30-Year	04/12/12	3.230	2.76	12.99	55.9%	13.4%	30.7%	0.01	2.37	28.16
30-Year	05/10/12	3.090	2.73	15.98	50.8%	15.4%	33.8%	0.02	1.00	35.29
30-Year	06/14/12	2.720	2.40	12.99	43.5%	24.0%	32.5%	0.01	0.92	30.04

TIPS										
Issue	Settle Date	Stop Out Rate (%)	Bid-to-Cover Ratio	Competitive Awards (\$ bn)	% Primary Dealer	% Direct	% Indirect	Non-Competitive Awards (\$ bn)	SOMA Add Ons (\$ bn)	10-Yr Equivalent (\$ bn)
5-Year	04/19/12	(1.080)	2.58	15.88	54.9%	9.1%	36.0%	0.12	0.43	9.44
10-Year	05/17/12	(0.391)	3.01	12.98	34.5%	14.8%	50.7%	0.02	0.00	14.36
30-Year	06/21/12	0.520	2.64	6.99	37.6%	28.1%	34.3%	0.01	0.00	21.65

Stop Out Rate, Bid-to-Cover Ratio, % Primary Dealer, % Direct and % Indirect are weighted averages of Competitive Awards. 10-Yr equivalent is approximated using prices at settlement and includes both Competitive and Non-Competitive Awards. For TIPS 10-Yr equivalent, a constant auction BEI is used as the inflation assumption.



U.S. Treasury Borrowing Advisory Committee Charge #1

August 2012

TBAC Charge #2 Presentation to the U.S. Treasury: The Federal Reserve's Maturity Extension Program (MEP) has a medium-term impact on Treasury's borrowing needs. Please discuss how Treasury should address the financing shortfall created by MEP.

September 21, 2011: Fed announces its first Maturity Extension Program (MEP1)

“The Committee intends to purchase, by the end of June 2012, **\$400 billion** of Treasury securities with remaining maturities of 6 years to 30 years and to sell an equal amount of Treasury securities with remaining maturities of 3 years or less.”

September 21, 2011 FOMC Statement

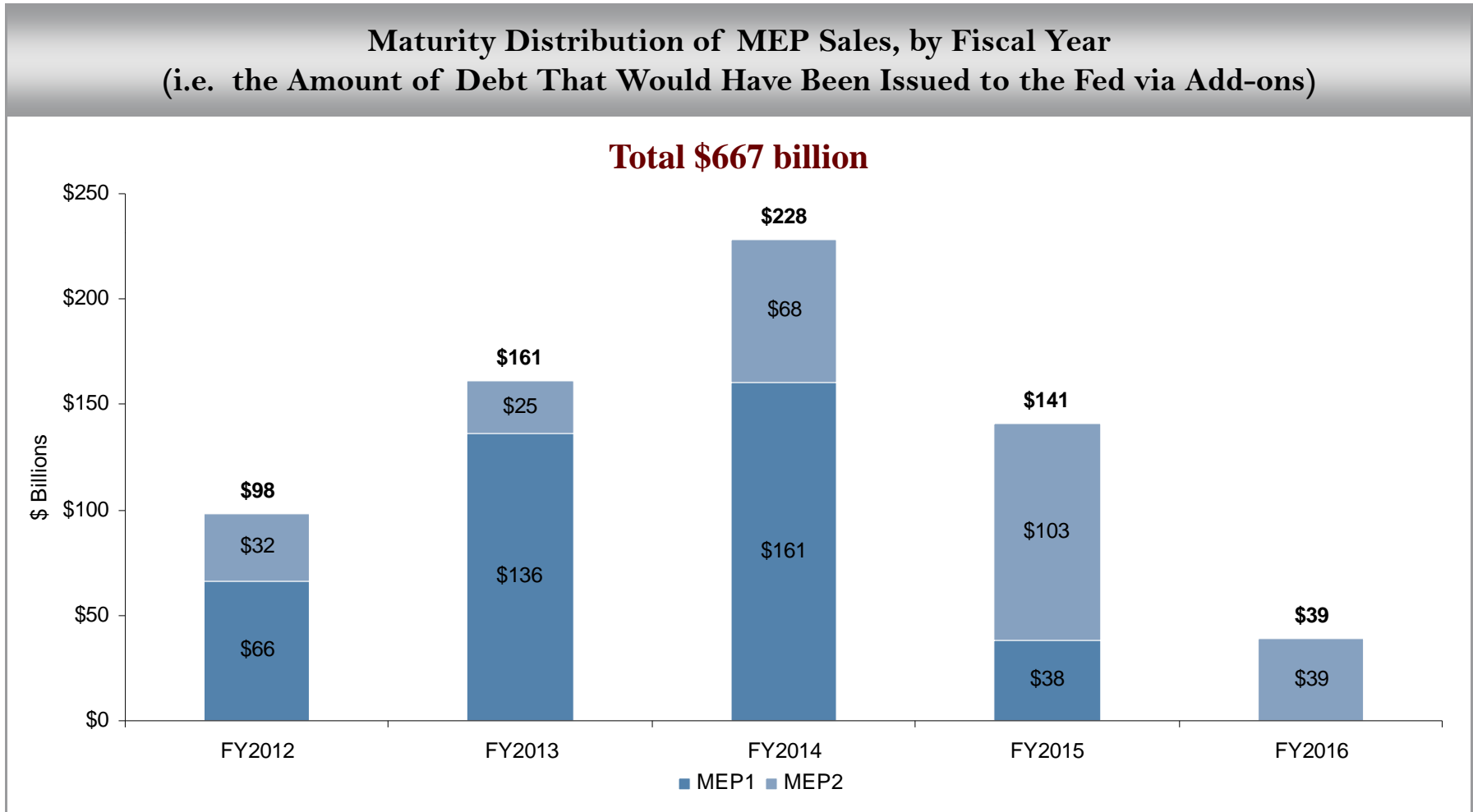
June 20, 2012: Fed announces an extension of its Maturity Extension Program (MEP2)

“The Federal Open Market Committee (FOMC) directed the Open Market Trading Desk (the Desk) at the Federal Reserve Bank of New York to continue through the end of the year its program to extend the average maturity of the Federal Reserve’s holdings of Treasury securities...The continuation of the maturity extension program will proceed at the current pace and result in the purchase, as well as the sale and redemption, of about **\$267 billion** in Treasury securities by the end of 2012...

Once the maturity extension program is completed, the Federal Reserve will hold almost no securities maturing through January 2016.”

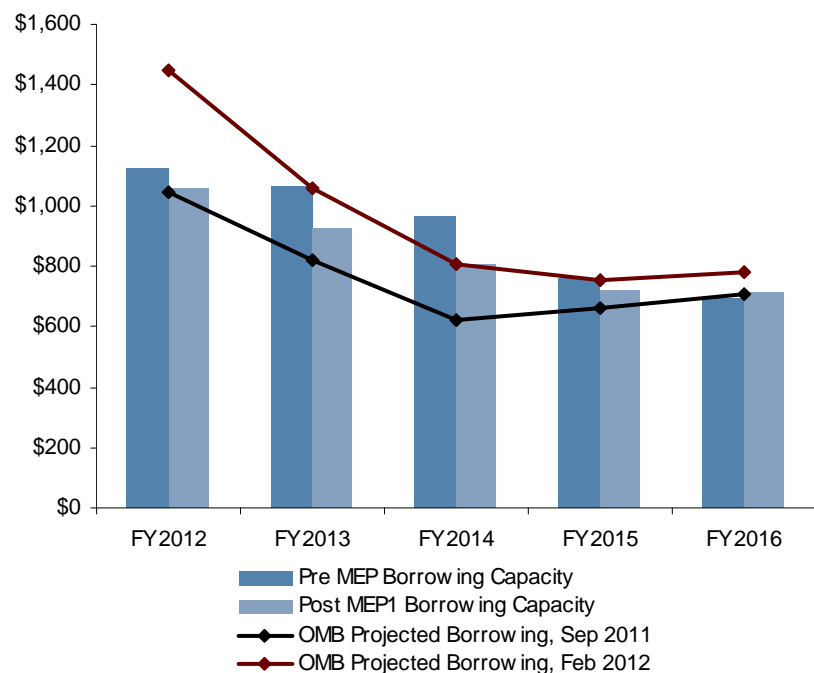
June 20, 2012 New York Fed Operating Statement

Fed MEP Sales Raise the Maturing Stock of Debt Held By Private Investors. In the Absence of Fed Add-ons, Treasury Must Issue More Debt to the Public to Raise the Same Amount of Cash



MEP1 Lowered Borrowing Capacity As Projected Borrowing Needs Increased. As a Result, Treasury Went From Being Overfunded To Facing Financing Shortfalls

Pre-MEP and Post-MEP1 Borrowing Capacity vs. OMB Projected Borrowing Need



Pre-MEP borrowing capacity based on portfolio and SOMA holdings as of 9/30/2011. Issuance sizes for bills, nominal coupons, and TIPS are unchanged from 9/30/2011 levels. OMB's projected borrowing from the public from Table S-12 of Mid-Session Review, September 1, 2011. Post-MEP1 borrowing capacity based on portfolio and SOMA holdings as of 6/30/2011. Issuance sizes for bills, nominal coupons, and TIPS are unchanged from 6/30/2011 levels. OMB's figures for projected borrowing from the public from Table S-15 of February 13, 2012, "Fiscal Year 2012 Budget of the US Government"

Overfunded (+) vs. Underfunded (-)

	Pre-MEP	Post-MEP1
FY2012	\$72	-\$372
FY2013	\$260	-\$133
FY2014	\$345	-\$1
FY2015	\$103	-\$28
FY2016	-\$30	-\$84

- Prior to MEP, Treasury faced a modest overfunding in FY 2012 and significant overfunding in FY 2013 and FY 2014, which would likely have led to cutbacks in coupon auction sizes
- As a result of MEP1 and an upward revision to OMB's projected borrowing need (reflecting in part stimulus proposed in the President's American Jobs Act), debt managers faced a significant financing shortfall in FY 2012 and continued underfunding in FY 2013-2016.

Given a Projected Financing Shortfall in FY 2012, No Coupon Auction Sizes Were Cut This Year. To Close the Funding Gap, T-bill Issuance Increased.

Post-MEP1 & MEP2 Borrowing Capacity vs. Revised Borrowing Needs¹, Assuming FY 2012 Funding Gap Is Closed With Increased Bill Issuance²							
	Bills	2/3/5	7/10/30	TIPs	Post MEP Borrowing Capacity³	OMB Projected Borrowing Need	Over/Under Funding
FY 2012	171	147	738	89	1,145	1,147	-2
FY 2013	52	90	720	103	964	1,059	-95
FY 2014	0	-8	669	77	739	809	-70
FY 2015	0	-94	639	76	621	752	-131
FY 2016	0	95	496	63	655	783	-128
						FY 2013-2016:	-425

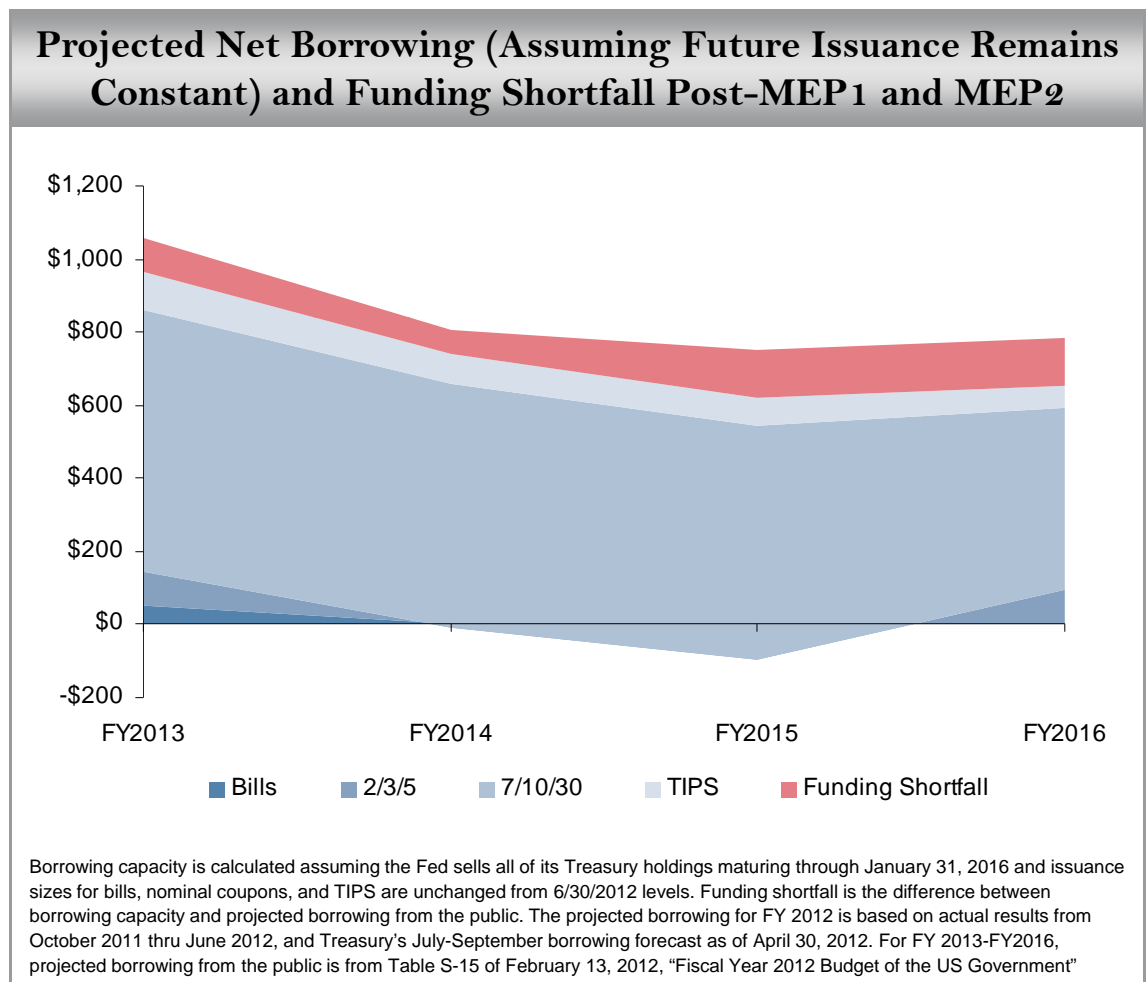
¹The American Jobs Act did not win Congressional approval. Thus, actual borrowing needs in FY 2012 proved lower than the \$1.405 trillion projected by OMB in February. In this table, OMB's projected borrowing need for FY 2012 is based on actual results from October 2011 thru June 2012, and Treasury's July-September borrowing forecast as of April 30, 2012. For FY 2013-FY2016, projected borrowing from the public is from Table S-15 of February 13, 2012, "Fiscal Year 2012 Budget of the US Government"

²On July 26, 2012, Treasury announced increases in the weekly 3-month and 6-month T-bill auction sizes. In this table, 4-week T-bill auction sizes are forecast to rise to \$40 billion in September, while 3-month and 6-month T-bill auction sizes are projected to increase in early August to \$34 billion and \$30 billion, respectively, and then remain steady through September 30, 2012. Under this scenario, net borrowing in the T-bill sector is increased sufficiently to close a projected FY 2012 financing gap of roughly \$100 billion, based on revised OMB borrowing needs.

³Borrowing capacity is calculated assuming the Fed sells all of its Treasury holdings maturing through January 31, 2016 and issuance sizes for nominal coupons and TIPS are unchanged from 6/30/2012 levels. Bill issuance is increased as noted in FY 2012 to close the financing gap and then held steady at 9/30/2012 levels.

However, Treasury Still Faces Funding “Shortfalls” in FY 2013 Thru FY 2016 as a Result of MEP1 and MEP2. How Should This Gap be Addressed?

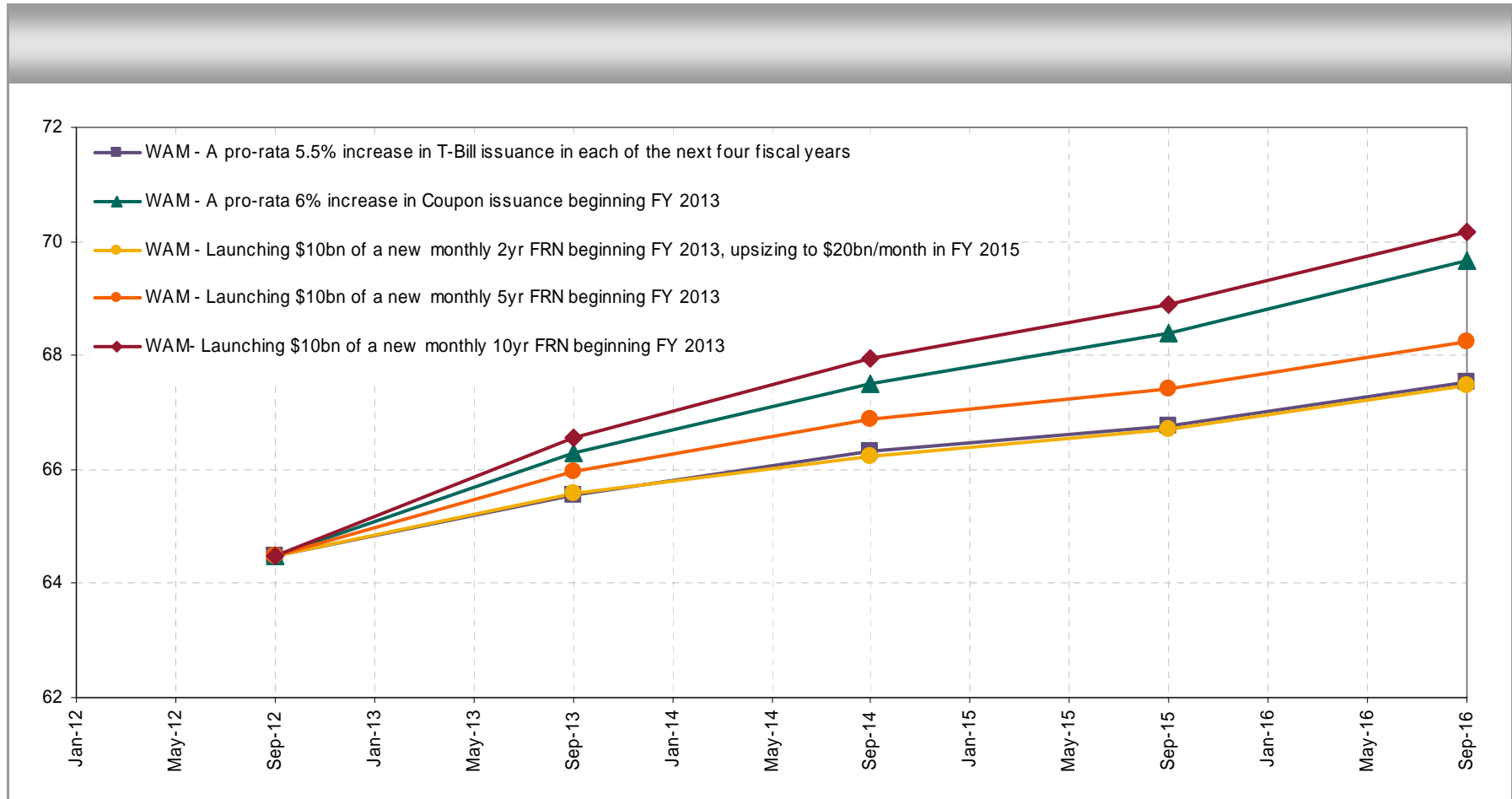
Funding "Shortfall" Post-MEP1 & MEP2	
FY2013	\$95
FY2014	\$70
FY2015	\$131
FY2016	\$128



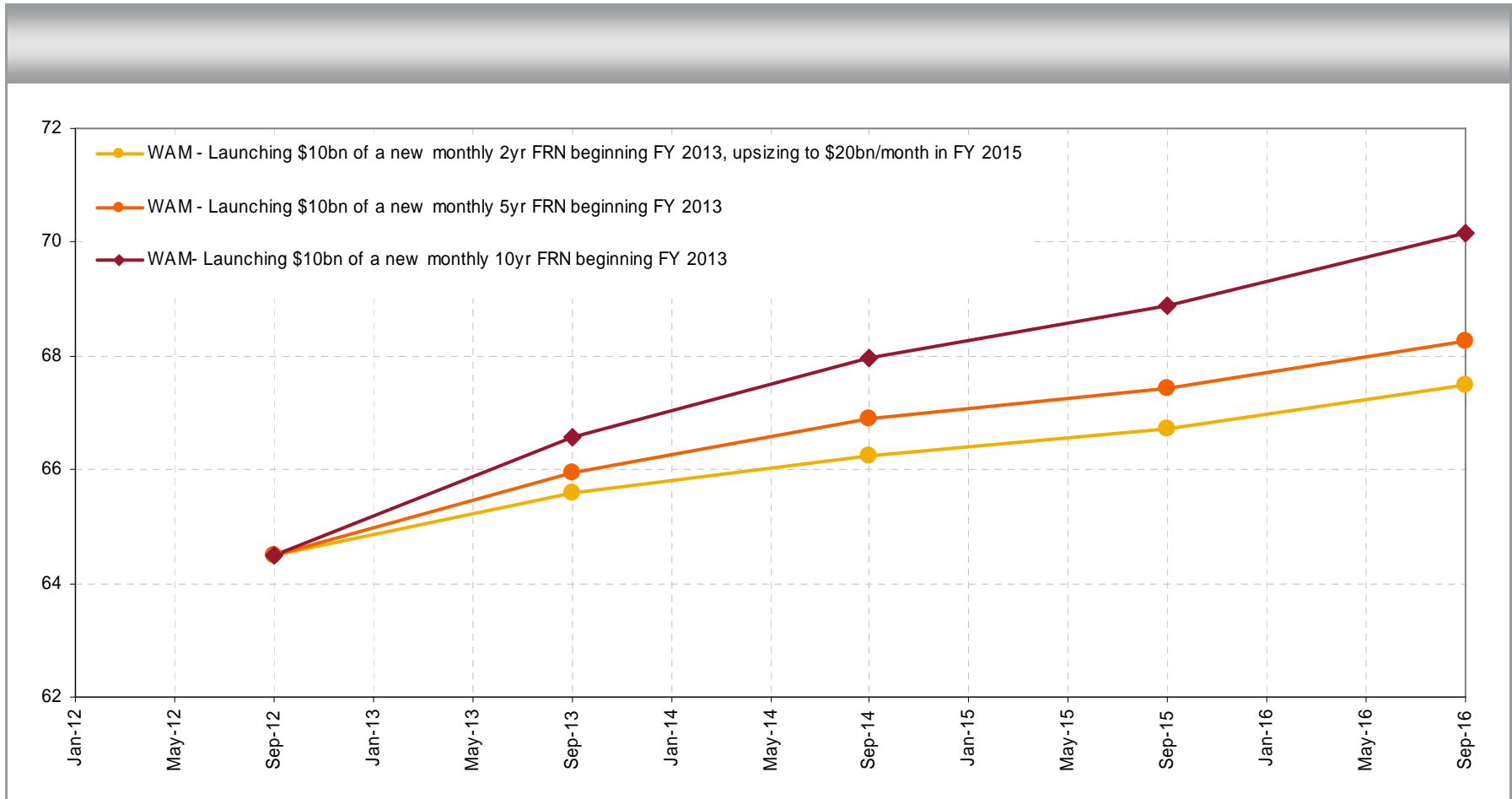
Treasury has a Number of Options for Increasing Issuance to Meet Funding Needs in the Coming Four Years. Here are the Most Attractive and Least Disruptive that are Previewed in this Presentation:

- A 5.5%, pro-rata increase in T-bill auction sizes in each of the next four fiscal years (rounded to the nearest \$1bn)
- A 6% pro-rata increase in coupon auction beginning FY 2013 (rounded to the nearest \$1bn)
- New issuance of a 2yr FRN at \$10bn/month in FY 2013 and FY 2014, bumping up to \$20bn/month in fiscal years 2015 and 2016
- New issuance of a 5yr FRN at \$10bn/month over the next four fiscal years
- New issuance of a 10yr FRN at \$10bn/month over the next four fiscal years

Each Funding Option will Alter the Path of the Weighted Average Maturity (WAM) of Outstanding Treasury debt



Path of the Weighted Average Maturity (WAM) of Outstanding Treasury Debt if 2y, 5y, or 10y FRNs are Issued



Summary of Funding Scenarios and WAM impact

Fiscal Year	WAM - A pro-rata 5.5% increase in T-bill issuance in each of the next four fiscal years	WAM - A pro-rata 6% increase in Coupon issuance beginning FY 2013	WAM - Launching \$10bn of a new monthly 2yr FRN beginning FY 2013, upsizing to \$20bn/month in FY 2015	WAM - Launching \$10bn of a new monthly 5yr FRN beginning FY 2013	WAM FY 2012 plus 10y WAM - Launching \$10bn of a new monthly 10yr FRN beginning FY 2013
Sep-12	64.5	64.5	64.5	64.5	64.5
Sep-13	65.6	66.3	65.6	66.0	66.6
Sep-14	66.3	67.5	66.2	66.9	68.0
Sep-15	66.7	68.4	66.7	67.5	68.9
Sep-16	67.5	69.7	67.5	68.3	70.2

The Pros and Cons Associated with Each Change in Treasury's Issuance Profile

A pro-rata 5.5% increase in T-bill issuance in each of the next four fiscal years

- Currently, T-Bills represent 15.2% of marketable borrowing, well below the 23.1% 15-year average. There is room to add more T-Bills.
- Advantageous funding cost in the current steep yield curve environment.
- Flexible vehicle for short term swings in funding needs, as evidenced by the way T-Bills filled a sudden funding gap in FY 2008 and FY 2012.
- Heightens Treasury's rollover risk.
- Increasing T-Bills would slow the rise in the average maturity of Treasury debt outstanding (WAM).
- Bumping up T-Bills by 5.5% per fiscal year will lead to some large T-Bill auctions in the out-years, such as \$50bn 4-week Bill auctions in FY 2016.

A pro-rata 6% increase in Coupon issuance beginning FY 2013

- Would reduce Treasury's rollover risk and further extend the WAM in outstanding Treasury debt, but at a higher funding cost to Treasury.
- Relatively less flexible to the lumpiness of FY funding needs in the years ahead. Balance can be made up in T-Bills.
- Long end coupon issuance could temper the impact of MEP1 and MEP2, countering the Fed's efforts to remove the stock of Treasury supply and long end duration from the market. By the end of MEP2, the Fed would have removed roughly \$750bn in 10yr duration equivalents from the market. Increasing coupon auction sizes by 6% would add an additional ~\$160bn in 10-year equivalent duration to coupon supply in each fiscal year. Without the Fed's ongoing support, bigger auction sizes could eventually be problematic for the Treasury auction process.

Launching a new FRN program at \$10bn/month

- FRN issuance should expand Treasury's investor base, reducing the risk of "crowding out" other Treasury buyers.
- Regulatory and accounting changes (Basel III, FASB, etc) create potentially significant demand for FRN's from financial institutions. There is also increasing institutional and retail investor interest in FRN's. Additionally, FRN's would likely benefit from increasing demand if rates trend higher or if inflationary expectations rise.
- Attractive funding source for Treasury, depending on the slope of the curve and the reset frequency.
- A 2yr final maturity FRN would slow the rise in outstanding Treasury WAM, a 10yr final would accelerate the rise in WAM and a 5yr final would split the difference.

Treasury Borrowing Advisory Committee

TBAC Charge #3 Presentation to the U.S. Treasury: *US Government issuance of direct loans has grown in recent years, particularly following the discontinuation of the guaranteed student loan program in 2010. What approaches should Treasury consider to minimize cost and optimize composition of the net new issuance that finances these assets going forward?*

July 31, 2012

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- Executive Summary
- Federal Student Loan Program Description
- Student Loan Financing Activity
- Loan Performance
- Budget Implications of Direct Federal Student Lending
- Hypothetical Cash Flow Modeling and Funding Profiles
- Liability Management Considerations

Executive Summary

- The Student Aid and Fiscal Responsibility Act (SAFRA) of 2010 ceased the origination of federal student loans by private lenders, and as of July 1, 2010, all federal student loans are made directly by the Department of Education and funded by the U.S. Treasury Department. Newly originated federal student loans since July 1, 2006 are fixed rate loans.
- While data sources are inconsistent, the volume of student loans has increased substantially to at least \$900 billion, making student loans the second largest form of consumer debt, ahead of credit cards and auto loans, trailing only mortgages. The federal government owns or guarantees approximately 85% of student loans outstanding.
- As a result of this shift, the liability management task of Treasury has a new expanding dimension, moving from a focus on financing the deficit, toward an increasing share of overall issuance supporting the funding needs of financial assets owned by Treasury, some purchased during the financial crisis, but future growth primarily driven by direct student lending.
- There are a number of different student loan programs with varied repayment options available to borrowers, and the characteristics of each creates a wide array of potential scenarios to be considered in determining an optimal funding strategy.

Executive Summary (continued)

- An important consideration is that the credit quality of the loans is significantly enhanced by the fact that they cannot be charged off in bankruptcy in almost all cases and that the consequences of default include garnishment of wages, tax refunds, and other benefits.
- Additionally, the issuance of student loans is likely to be pro-cyclical to existing issuance, meaning that Treasury funding needs will increase as the economy weakens because of an increase in delayed cash flows from deferment, forbearance, and defaults and potentially higher college enrollment, just as falling tax receipts and potentially higher federal spending impacts funding needs from an expanding deficit. Because of the credit terms of these loans, however, this may actually provide attractive liability management options to Treasury.
- While this presentation will attempt to identify important characteristics of the basic features of some of the more common loans offered directly by the federal government, clearly a more exhaustive analysis, including the collection and availability of important data about the performance and borrower trends is needed to complete a full assessment of the funding strategy for these loan programs.

Federal Student Loan Program Description

Federal Student Loan Program History

Federal Perkins Loan Program

• *Still active*

Initiated under National Defense Education Act of 1958. Renamed in 1986 to Perkins Loan Program.

School-based loan program for undergraduates and graduate students with exceptional financial need, where the school is the lender.

FFELP (Federal Family Education Loan Program)

• *Discontinued July 2010*

Started in 1965 and discontinued in July 2010. Provided loans through private lenders with ultimate guarantees provided by the U.S. government.

Direct Loan Program (FDLP – William D Ford Federal Direct Loan Program)

• *Still active*

Started in 1993 and effective July 2010, FDLP provides bulk of the student loan funding. U.S. Department of Education extends loans based on funding from U.S. Treasury.

Four Types of Direct Student Loans:

- 1) Subsidized Stafford Loans: loans made to eligible undergraduate students who demonstrate financial need
- 2) Unsubsidized Stafford Loans: loans made to eligible undergraduate and graduate students, regardless of financial need
- 3) Federal PLUS Loans: loans made to graduate or professional students and parents of dependent undergraduate students
- 4) Federal Consolidation Loans: combines an individual's eligible federal student loans into a single loan with a single loan servicer

Federal Student Loan Program: Borrower Interest Rates

Type of Loan	Loans made on or after Jul. 1, 1995	Loans made on or after Oct. 1, 1998	Loans made on or after Jul. 1, 2006
Stafford and Unsubsidized Stafford	91-day Treasury bill rate +2.5%, during in-school, grace, or deferment periods, but Treasury bill +3.1% during repayment; capped at 8.25%	91-day Treasury bill rate +1.7%, during in-school, grace, or deferment periods, but Treasury-bill +2.3% during repayment; not to exceed 8.25%	Fixed rate of 6.8%. Stafford loans reduced: 6.0%--2008-2009 5.6%--2009-2010 4.5%--2010-2011 3.4%--2012-2013 (Subsidized) 6.8%--2012-2013 (Unsubsidized) ¹
PLUS	Was 52-week Treasury bill rate +3.1%, not to exceed 9%. As of July 1, 2001 converted to 1-year constant maturity +3.1%, not to exceed 9%	91-day Treasury bill rate +3.1%, not to exceed 9%	Fixed rate of 7.9% for Direct PLUS; increased to 8.5% under HERA for FFEL PLUS
FFEL Consolidation Loans²	Weighted average of the interest rates on the loans consolidated, rounded up to the nearest whole percent	Weighted average of the interest rates on the loans consolidated, rounded up to the nearest one-eighth of one percent, not to exceed 8.25%	Weighted average of the interest rates on the loans consolidated, rounded up to the nearest one-eighth of one percent, not to exceed 8.25%
Direct Consolidation Loans-- Stafford and Unsubsidized Stafford	91-day Treasury bill rate +2.5%, during in-school, grace, or deferment periods, but Treasury bill +3.1% during repayment; capped at 8.25%	91-day Treasury bill rate +2.3%, not to exceed 8.25% for applications received Oct. 1, 1998 through Jan. 31, 1999; Weighted avg. basis, as above, thereafter	Weighted avg. basis, as above
Direct PLUS Consolidation	Was 52-week Treasury bill rate +3.1%, not to exceed 9%. As of Jul. 1, 2001 converted to 1-year constant maturity +3.1%, not to exceed 9%	Same as Direct Consolidation, above, for Stafford and Unsubsidized Stafford loans	Same as Direct Consolidation, above, for Stafford and Unsubsidized Stafford loans

1) Applies to undergraduate and graduate students; Interest rates for loans first disbursed between Jul. 1, 2012 and Jun. 30, 2013; 2) The Emergency Student Loan Consolidation Act of 1997, which was included in the Department's FY 1998 appropriations act, temporarily changed a number of laws affecting Consolidation Loans. Under this Act, which expired Sep. 30, 1998, the interest rate for FFEL Consolidation Loans made on or after Nov. 13, 1997, was calculated based on the Treasury bill calculation--91 Day T-bill + 3.1%, not the weighted average of the interest rates on the loans consolidated. Student Aid and Fiscal Responsibility Act (SAFRA) of 2010—part of the Health Care and Education Reconciliation Act of 2010 (HCERA) eliminated new FFEL Loans as of Jul.1, 2010.

Source: U.S. Department of Education Fiscal Year 2013 Budget; Studentaid.ed.gov

William D. Ford Direct Loan Program: Repayment Plans

<u>Repayment Plan</u>	<u>Eligible Loans</u>	<u>Monthly Payment and Time Frame</u>
Standard Repayment Plan	<ol style="list-style-type: none"> 1. Direct subsidized and unsubsidized loans 2. All PLUS loans 	<ul style="list-style-type: none"> -Payments are a fixed amount of at least \$50 per month -Up to 10 years
Graduated Repayment Plan	<ol style="list-style-type: none"> 1. Direct subsidized and unsubsidized loans 2. All PLUS loans 	<ul style="list-style-type: none"> -Payments are lower at first and then increase, usually every two years -Up to 10 years
Extended Repayment Plan	<ol style="list-style-type: none"> 1. Direct subsidized and unsubsidized loans 2. All PLUS loans 	<ul style="list-style-type: none"> -Payments may be fixed or graduated -12 to 25 years
Income-Based Repayment Plan (IBR)	<ol style="list-style-type: none"> 1. Direct subsidized and unsubsidized loans 2. All PLUS loans made to students 3. Consolidation loans that do not include consolidated PLUS loans made to parents 	<ul style="list-style-type: none"> -Maximum monthly payments are 10% of discretionary income (the difference between student's adjusted gross income and 150% of the poverty guideline for student's family size and state of residence) -If the student has not repaid his/her loan in full after making the equivalent of 20 years of qualifying monthly payments and 20 years have passed, any outstanding balance on the loan may be cancelled. Loan amount forgiven as part of taxable income -Public service: Unpaid loan balance forgiven after 10 years
Income-Contingent Repayment Plan	<ol style="list-style-type: none"> 1. Direct subsidized and unsubsidized loans 2. Direct PLUS loans made to students 3. Direct consolidation loans 	<ul style="list-style-type: none"> -Payments are calculated each year and are based on student's annual income*, family size, and the total amount of student's Direct Loans for up to 25 years -*If student is married, student's spouse's income is included -If the student does not repay his/her loan after 25 years under this plan, the unpaid portion will be forgiven. The student may have to pay income tax on the amount that is forgiven

Source: Studentaid.ed.gov

FFEL and Direct Loans: Student Loan Program Maximums

	Annual Limits	Annual Limits
Dependent Undergraduates	Stafford (Subsidized)	Total (Subsidized & Unsubsidized Stafford)
First-Year Student	\$3,500	\$5,500 ¹
Second-Year Student	\$4,500	\$6,500 ¹
Third Year+ Student	\$5,500	\$7,500 ¹
Independent Undergraduates^{2,3}	Stafford (Subsidized)	Total (Subsidized & Unsubsidized Stafford)
First-Year Student	\$3,500	\$9,500 ¹
Second-Year Student	\$4,500	\$10,500 ¹
Third-Year+ Student	\$5,500	\$12,500 ¹
Graduate Students ³	\$8,500	\$20,500
	Aggregate Limits	Aggregate Limits
Dependent Undergraduates	\$23,000	\$31,000 ¹
Independent Undergraduates ^{2,3}	\$23,000	\$57,500 ¹
Graduate Students ³	\$65,500	\$138,500

Note: As of July 1, 2010, all new loans are required to be disbursed through the Direct Loan program.

1) ECASLA of 2008 increased Unsubsidized Stafford amounts by \$2,000 annually for loans first disbursed on or after July 1, 2008. Aggregate amounts for dependent undergraduates increased by \$8,000 and for independent undergraduates by \$11,500. Graduate student levels did not change. **2)** And dependent undergraduates whose parents are unable to borrow under the PLUS program. **3)** Students who qualify for only a portion of the maximum Stafford Loan limit may borrow up to the remaining loan amount under the Unsubsidized Stafford Loan program, with the total amount borrowed limited to cost of attendance minus other aid. For example, a dependent first-year student who qualifies for a \$2,000 Stafford Loan would be eligible for an additional \$3,500 in Unsubsidized Stafford up to the total of \$5,500. For students borrowing under both programs, the loan limits displayed above in the Total (Stafford and Unsubsidized Stafford) column apply.

For independent undergraduate students (or dependent undergraduate students whose parents cannot borrow under the PLUS program) and for graduate and professional students, the maximum a student can borrow during any academic year is: the combined Stafford and Unsubsidized Stafford loan limit shown under the column entitled, "Total (Stafford and Unsubsidized Stafford)." For example, a second-year independent student could borrow up to \$4,500 under Stafford Loans and up to an additional \$6,000 in Unsubsidized Stafford Loans for a total of \$10,500. Under HERA, qualified graduate students are now eligible to borrow PLUS loans, where no limit applies other than cost of attendance. The aggregate loan limit for graduate students is determined by the Secretary of Education.

Source: U.S. Department of Education; Studentaid.ed.gov

Federal Student Loan Status

- In school
- Grace period (6 months after graduation)
- Repayment (current)
- Deferment
- Forbearance
- Delinquent
- Default
 - After the borrower has made 9 out of 10 consecutive, voluntary, on-time, reasonable and affordable monthly payments on a defaulted student loan according to a loan rehabilitation agreement, the loan may be rehabilitated and the default removed from the borrower's credit history
- Rehabilitated

Deferment and Forbearance Policy on Federal Loans

Deferment

- Deferment is a postponement of payment on a loan, during which interest does not accrue if the loan is subsidized
- Borrowers can qualify for Deferment while:
 - Enrolled at least half time in an eligible postsecondary school; or
 - Studying full time in a graduate fellowship program or approved disability rehabilitation program; or
 - Qualifying active duty service in the U.S. Armed Forces or National Guard
 - During a period of unemployment or economic hardship (maximum period of 3 years)
- Loans are automatically put into deferment once the borrower enrolls in school at least half time
- If the borrower is in default, he/she is no longer eligible for deferment

Forbearance

- If a borrower does not qualify for deferment, the loan may still be eligible for forbearance
- Forbearance allows the borrower to either temporarily stop making payments on the loan, make smaller payments, or extend the time for making payments
- Interest will continue to accrue on the student loans during the forbearance period
- The borrower can request forbearance for either financial hardship or illness
 - In this case, forbearance is provided at the discretion of the lender
- The lender is required to grant forbearance if the borrower is performing teaching service, serving in a national service program, part of a medical or dental residency program, etc.

Default Consequences

- **Tax Refund Offsets:** IRS can offset the borrower's income tax refund until the defaulted loan is paid in full. A number of states also have laws that authorize state guaranty agencies to take state income tax refunds.
- **Federal Benefits Offsets:** The government can offset certain Social Security benefits, some Railroad Retirement benefits to collect government student loans. Just as with other types of student loan collection, there is no time limit on Social Security offsets, according to a 2005 Supreme Court Case.
- **Wage Garnishments:** The government can also garnish wages as a way to recover money owed on a defaulted student loan. The United States Department of Education or a Student Loan Guarantor can garnish 15% of disposable pay¹ per pay period without a court order.
- **Effect on Credit History:** Adversely affects credit for many years. If borrower defaults, loan will be listed as a current debt that is in default. The default will also be listed in the historical section of borrower's credit report, specifying the length of the default.
- **License Revocations:** A number of states allow professional and vocational boards to refuse to certify, certify with restrictions, suspend or revoke a member's professional or vocational license and, in some cases, impose a fine, when a member defaults on student loans.

1) Disposable pay is the pay remaining after deduction of any amounts required by law to be withheld. The maximum for student loan and all other garnishments is 25% of disposable income. Wage garnishment amounts may be lower, as the borrower must be left with weekly earnings after garnishment that are at least 30 times the Federal minimum wage (\$7.25 an hour since July 24, 2009).

Source: National Consumer Law Center; Finaid.org

Terms for Forgiveness, Cancellation, and Discharge for Direct Loans

Type of Forgiveness, Cancellation, or Discharge	Direct Loans	FFEL Loans	Perkins Loans
Total and Permanent Disability Discharge	X	X	X
Death Discharge	X	X	X
Discharge in Bankruptcy ¹	X	X	X
Closed School Discharge	X	X	
False Certification of Student Eligibility or Unauthorized Payment Discharge	X	X	
Unpaid Refund Discharge	X	X	
Teacher Loan Forgiveness	X	X	
Public Service Loan Forgiveness	X		
Perkins Loan Cancellation and Discharge (includes Teacher Cancellation)			X

1) Not an automatic process since you must prove to the bankruptcy court that repaying your student loan would cause undue hardship. The court uses a three-part test to determine hardship: 1) If you are forced to repay the loan, you would not be able to maintain a minimal standard of living, 2) There is evidence that this hardship will continue for a significant portion of the loan repayment period; 3) You made good-faith efforts to repay the loan before filing bankruptcy (usually this means you have been in repayment for a minimum of five years). Your loan will not be discharged if you are unable to satisfy any one of the three requirements. If your loan is discharged, you will not have to repay any portion of your loan, and all collection activity will stop. You also will regain eligibility for federal student aid if you had previously lost it.

Source: Studentaid.ed.gov

Income Based Repayment Capped Monthly Payment (U.S. \$/month)

Total Graduating Debt: U.S.\$ 100,000

Years in Repayment: 20-years

Maximum Monthly Payments Under Old IBR

Annual Income	Family Size			
	1	2	3	4
\$15,000	\$0	\$0	\$0	\$0
\$20,000	\$41	\$0	\$0	\$0
\$25,000	\$103	\$29	\$0	\$0
\$30,000	\$166	\$91	\$17	\$0
\$35,000	\$228	\$154	\$80	\$5
\$40,000	\$291	\$216	\$142	\$68
\$45,000	\$353	\$279	\$205	\$130
\$50,000	\$416	\$341	\$267	\$193
\$55,000	\$478	\$404	\$330	\$255
\$60,000	\$541	\$466	\$392	\$318

Maximum Payments with New 10% Income Cap

Annual Income	Family Size			
	1	2	3	4
\$15,000	\$0	\$0	\$0	\$0
\$20,000	\$27	\$0	\$0	\$0
\$25,000	\$69	\$19	\$0	\$0
\$30,000	\$110	\$61	\$11	\$0
\$35,000	\$152	\$103	\$53	\$4
\$40,000	\$194	\$144	\$95	\$45
\$45,000	\$235	\$186	\$136	\$87
\$50,000	\$277	\$228	\$178	\$129
\$55,000	\$319	\$269	\$220	\$170
\$60,000	\$360	\$311	\$261	\$212

Income Based Repayment and Public Service Loan Forgiveness

Public Service includes emergency management, military service, public safety, law enforcement, public interest law services, early childhood education, etc.

Total Graduating Debt:	\$100,000
Initial Adjusted Gross Income:	\$60,000
Income Growth Rate:	4.00%
Interest Rate:	3.40%
Family Size:	1
Percentage of Discretionary Income:	10.0%

	<u>Income- Based Repayment</u>	<u>Fixed Monthly Repayment</u>
Years in Repayment:	10-years	10-years
First Monthly Payment:	\$360	\$984
Total Amount Paid:	\$52,829	\$118,102
Total Interest Paid:	<u>\$31,187</u>	<u>\$18,102</u>
<u>Payments to Principal:</u>	<u>\$21,642</u>	<u>\$100,000</u>

Government Payments

Loan Forgiveness:	100%
Forgiveness Year:	10-years
<u>Balance Write-off:</u>	<u>\$78,358</u>

Student Loan Financing Activity

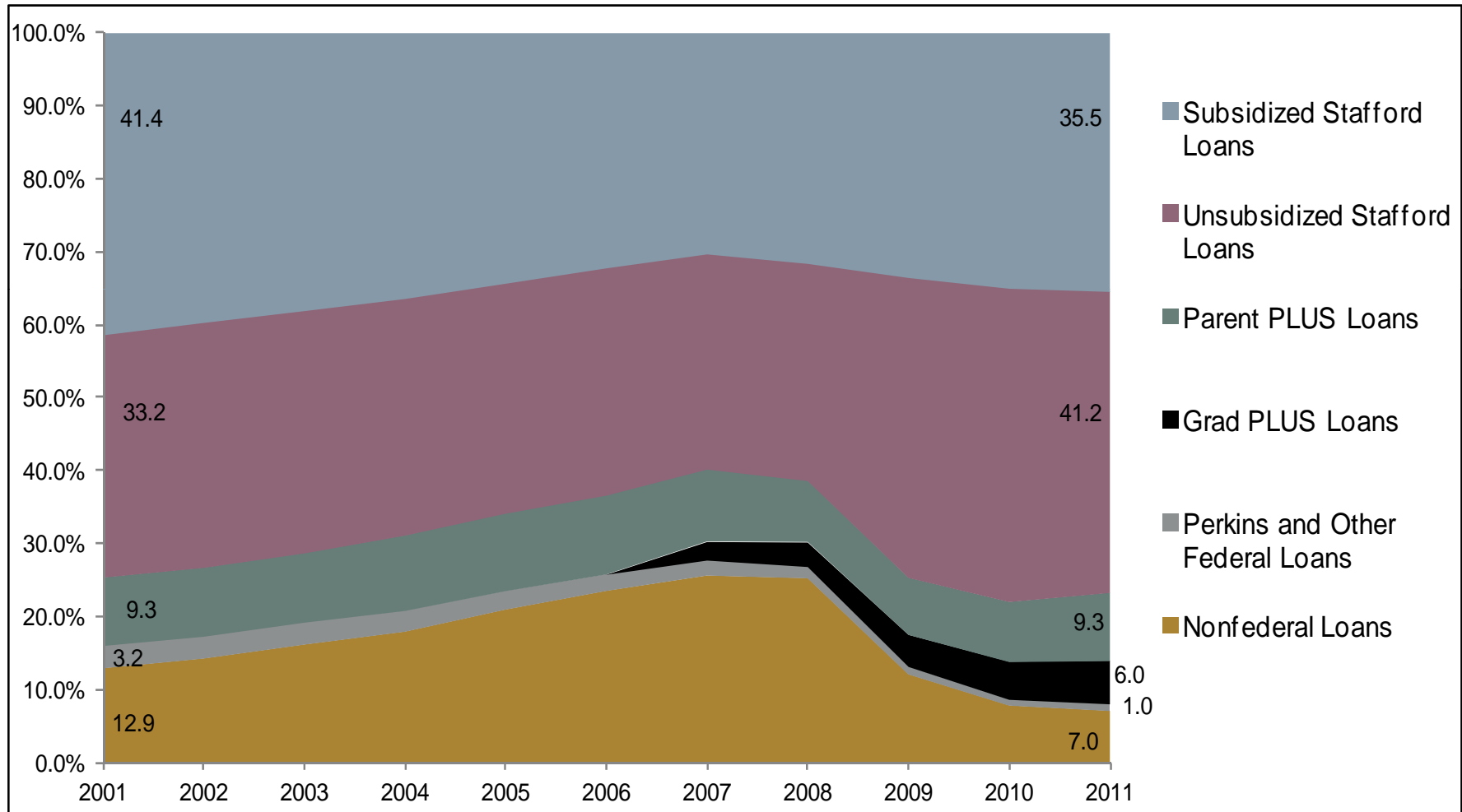
Total Student Aid and Nonfederal Loans Used to Finance Postsecondary Education Expenses (Current U.S. \$, Mil.): 1990-91 to 2010-11

Federal Programs	Academic Year																				Preliminary
	1990-91	91-92	92-93	93-94	94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	
Grants																					
Pell Grants	\$4,935	\$5,793	\$6,176	\$5,654	\$5,519	\$5,472	\$5,780	\$6,331	\$7,233	\$7,208	\$7,956	\$9,975	\$11,642	\$12,708	\$13,150	\$12,693	\$12,817	\$14,676	\$18,291	\$29,992	\$34,762
FSEOG	\$458	\$520	\$580	\$583	\$583	\$583	\$583	\$583	\$614	\$619	\$631	\$691	\$725	\$760	\$771	\$779	\$771	\$771	\$758	\$758	\$758
LEAP	\$59	\$62	\$71	\$72	\$72	\$64	\$32	\$50	\$25	\$25	\$40	\$55	\$66	\$66	\$66	\$65	\$64	\$65	\$64	\$63	\$64
Academic Competitiveness Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$242	\$309	\$340	\$479	\$548
SMART Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$205	\$205	\$200	\$359	\$384
Veterans	\$679	\$876	\$1,037	\$1,192	\$1,256	\$1,303	\$1,279	\$1,347	\$1,484	\$1,491	\$1,644	\$1,883	\$2,313	\$2,657	\$3,012	\$3,176	\$3,295	\$3,477	\$4,184	\$8,516	\$10,872
Military	\$369	\$394	\$393	\$405	\$419	\$447	\$445	\$462	\$482	\$525	\$544	\$646	\$707	\$904	\$1,069	\$1,075	\$1,165	\$1,260	\$1,322	\$1,246	\$1,280
Other Grants	\$118	\$160	\$182	\$192	\$269	\$262	\$246	\$267	\$271	\$297	\$332	\$348	\$343	\$376	\$395	\$426	\$448	\$450	\$469	\$517	\$398
Social Security	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Federal Grants	\$6,618	\$7,804	\$8,439	\$8,099	\$8,119	\$8,130	\$8,366	\$9,040	\$10,108	\$10,165	\$11,147	\$13,598	\$15,796	\$17,470	\$18,462	\$18,214	\$19,008	\$21,213	\$25,626	\$41,930	\$49,065
Loans																					
Perkins Loans	\$870	\$868	\$892	\$919	\$971	\$1,029	\$1,022	\$1,062	\$1,070	\$1,101	\$1,144	\$1,239	\$1,460	\$1,639	\$1,652	\$1,594	\$1,618	\$1,383	\$961	\$818	\$971
Income Contingent Loans	\$6	\$5	\$5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subsidized Stafford	\$8,758	\$9,461	\$9,576	\$12,396	\$13,630	\$15,035	\$15,984	\$16,119	\$16,309	\$16,190	\$16,383	\$17,391	\$19,530	\$22,039	\$23,826	\$24,440	\$25,014	\$29,098	\$33,029	\$38,060	\$39,692
(FDLP)	-	-	-	(\$1,022)	(\$4,595)	(\$5,361)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)	(\$5,569)
(FFELP)	(\$8,758)	(\$9,461)	(\$9,576)	(\$12,396)	(\$12,608)	(\$10,441)	(\$10,623)	(\$10,550)	(\$10,760)	(\$10,823)	(\$11,286)	(\$12,267)	(\$14,045)	(\$16,366)	(\$18,132)	(\$18,968)	(\$19,815)	(\$23,236)	(\$24,746)	(\$23,087)	(\$0,000)
Unsubsidized Stafford	-	-	\$275	\$1,727	\$6,229	\$7,748	\$9,137	\$10,174	\$10,900	\$12,166	\$13,108	\$14,681	\$16,996	\$19,599	\$21,845	\$23,609	\$24,349	\$27,390	\$40,424	\$46,561	\$46,088
(FDLP)	-	-	-	(\$440)	(\$2,208)	(\$2,885)	(\$3,301)	(\$3,415)	(\$3,691)	(\$3,701)	(\$3,937)	(\$4,308)	(\$4,435)	(\$4,564)	(\$4,644)	(\$4,450)	(\$4,926)	(\$4,926)	(\$9,323)	(\$17,832)	(\$46,088)
(FFELP)	-	-	(\$275)	(\$1,727)	(\$5,790)	(\$5,540)	(\$6,251)	(\$6,873)	(\$7,485)	(\$8,475)	(\$9,406)	(\$10,744)	(\$12,688)	(\$15,164)	(\$17,281)	(\$18,965)	(\$19,899)	(\$22,464)	(\$31,101)	(\$28,729)	(\$0,000)
PLUS	\$824	\$1,004	\$1,102	\$1,316	\$1,585	\$2,065	\$2,362	\$2,678	\$2,957	\$3,285	\$3,691	\$4,122	\$4,864	\$6,233	\$7,363	\$8,183	\$10,221	\$10,774	\$12,015	\$14,586	\$17,113
(FDLP)	-	-	-	(\$154)	(\$663)	(\$791)	(\$904)	(\$1,041)	(\$1,123)	(\$1,182)	(\$1,265)	(\$1,526)	(\$1,812)	(\$2,000)	(\$2,121)	(\$2,240)	(\$2,307)	(\$3,476)	(\$6,271)	(\$17,113)	(\$0)
(FFELP)	(\$824)	(\$1,004)	(\$1,102)	(\$1,316)	(\$1,431)	(\$1,402)	(\$1,571)	(\$1,774)	(\$1,915)	(\$2,162)	(\$2,509)	(\$2,857)	(\$3,338)	(\$4,421)	(\$5,363)	(\$6,062)	(\$7,981)	(\$8,467)	(\$8,539)	(\$8,315)	(\$0)
SLS	\$1,493	\$1,765	\$2,072	\$2,531	\$524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(FDLP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(FFELP)	(\$1,493)	(\$1,765)	(\$2,072)	(\$2,531)	(\$524)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Loans	\$345	\$367	\$411	\$456	\$404	\$325	\$281	\$217	\$117	\$113	\$116	\$118	\$125	\$125	\$141	\$157	\$160	\$125	\$119	\$116	\$131
Total Federal Loans	\$12,295	\$13,469	\$14,333	\$19,344	\$23,344	\$26,202	\$28,786	\$30,249	\$31,353	\$32,855	\$34,442	\$37,551	\$42,976	\$49,635	\$54,826	\$57,983	\$61,363	\$68,769	\$86,548	\$100,142	\$103,995
Federal Work-Study	\$728	\$760	\$780	\$771	\$757	\$764	\$776	\$906	\$913	\$917	\$939	\$1,032	\$1,097	\$1,107	\$1,082	\$1,050	\$1,042	\$1,063	\$1,113	\$1,246	\$1,171
Education Tax Benefits	-	-	-	-	-	-	-	\$1,487	\$3,552	\$4,147	\$4,211	\$4,631	\$5,259	\$5,784	\$6,130	\$6,398	\$6,584	\$6,677	\$10,713	\$14,651	\$14,830
Total Federal Aid	\$19,641	\$22,033	\$23,552	\$28,215	\$32,220	\$35,096	\$37,928	\$41,682	\$45,927	\$48,085	\$50,739	\$56,813	\$65,128	\$73,996	\$80,501	\$83,645	\$87,997	\$97,722	\$124,000	\$157,969	\$169,061
State Grant Programs	\$1,860	\$1,968	\$2,125	\$2,374	\$2,773	\$3,000	\$3,163	\$3,404	\$3,669	\$4,064	\$4,766	\$5,223	\$5,792	\$5,991	\$6,614	\$6,836	\$7,581	\$7,998	\$8,400	\$8,926	\$9,207
Institutional Grants	\$6,130	\$7,090	\$7,930	\$8,850	\$9,670	\$10,440	\$11,450	\$12,580	\$13,870	\$15,310	\$16,240	\$16,940	\$17,660	\$19,810	\$21,650	\$23,840	\$26,210	\$28,120	\$31,020	\$34,160	\$38,110
Private & Employer Grants	\$2,020	\$2,420	\$2,810	\$2,820	\$2,830	\$2,840	\$3,320	\$3,890	\$4,550	\$5,330	\$5,850	\$6,410	\$7,030	\$7,700	\$8,520	\$9,430	\$10,440	\$11,550	\$11,960	\$10,550	\$10,840
Total Federal, State, Institutional, Private Aid	\$29,651	\$33,511	\$36,418	\$42,259	\$47,493	\$51,376	\$55,861	\$61,556	\$68,016	\$72,789	\$77,596	\$85,385	\$95,610	\$107,497	\$117,285	\$123,751	\$132,228	\$145,390	\$175,380	\$211,605	\$227,219
Nonfederal Loans	-	-	-	-	-	\$1,330	\$1,860	\$2,310	\$2,900	\$4,560	\$5,090	\$6,220	\$8,260	\$10,820	\$14,510	\$17,790	\$21,100	\$23,190	\$11,860	\$8,450	\$7,870
(State- and Institution-Sponsored)	-	-	-	-	-	(\$220)	(\$290)	(\$350)	(\$400)	(\$1060)	(\$1090)	(\$1220)	(\$1260)	(\$1420)	(\$1510)	(\$1790)	(\$2,100)	(\$2,090)	(\$1,560)	(\$1,650)	(\$1,870)
(Private Sector)	-	-	-	-	-	(\$1,110)	(\$1,570)	(\$1,960)	(\$2,500)	(\$3,500)	(\$4,000)	(\$5,000)	(\$7,000)	(\$9,400)	(\$13,000)	(\$16,000)	(\$19,000)	(\$21,100)	(\$10,300)	(\$6,800)	(\$6,000)
Total Funds Used to Finance Postsecondary Expenses	\$29,651	\$33,511	\$36,418	\$42,259	\$47,493	\$52,706	\$57,721	\$63,866	\$70,916	\$77,349	\$82,686	\$91,606	\$103,870	\$118,317	\$131,795	\$141,541	\$153,328	\$168,580	\$187,240	\$220,055	\$235,089

Notes: Components may not sum to totals because of rounding. Federal loan dollars reflect disbursements beginning in 1995-96. Prior to 1995-96 the data reflect gross loan commitments. These amounts are approximately 11% higher than disbursements. The Ford Federal Direct Student Loan (FDSL) Program began in 1992-93. From that year, FFEL and FDSL volumes are reported separately. "Private and Employer Grants" are estimated based on NPSAS data and surveys conducted by the National Scholarship Providers Association. Data for these programs were not estimated prior to 1993-94, even though funds were available from these sources. Where precise data are not available, the division of aid between undergraduate and graduate students is based on the NPSAS.

Source: The College Board

Percentage Share of Federal and Nonfederal Student Loans (Constant 2010 U.S. \$): 2001 to 2011¹

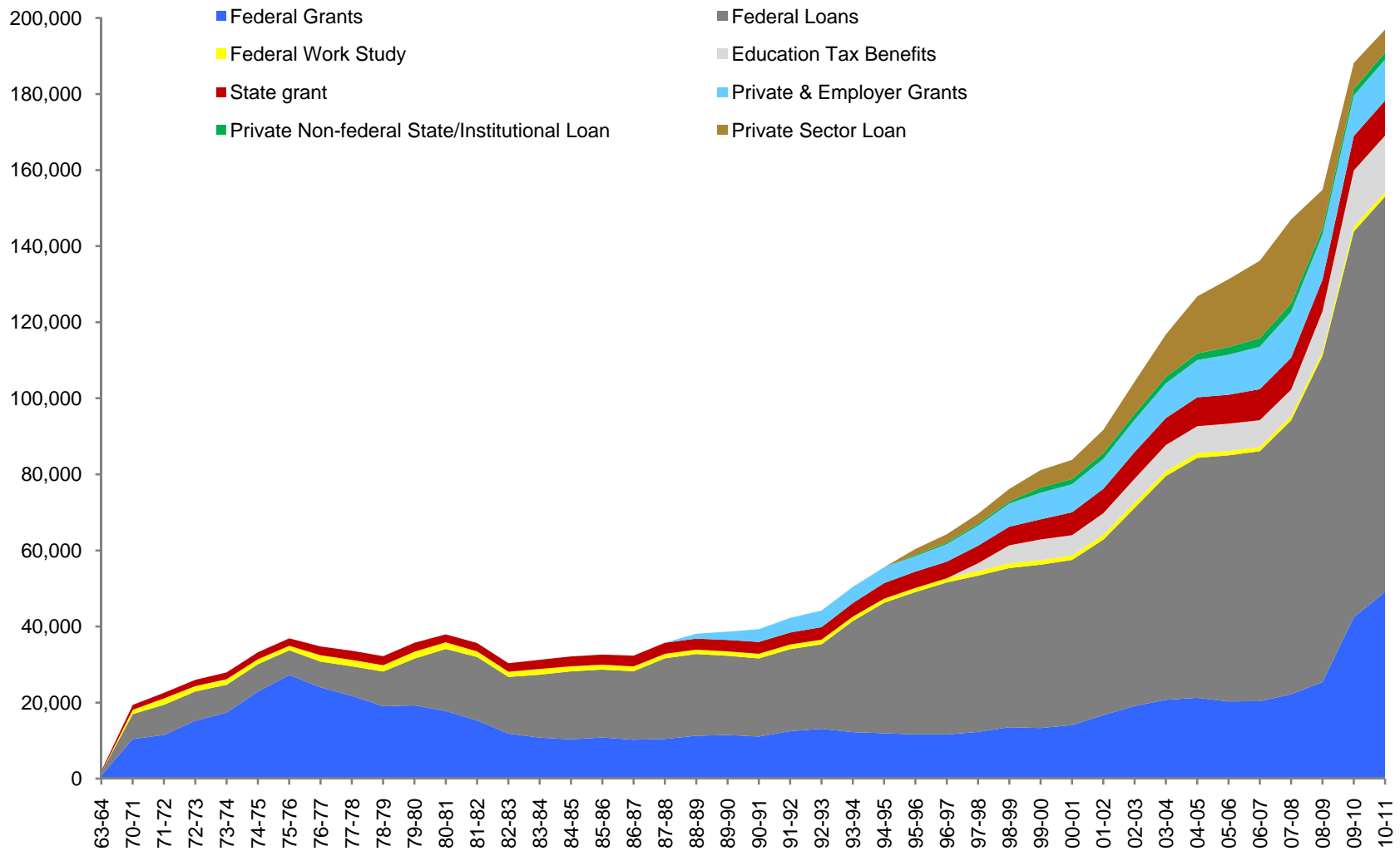


1) Data for academic year ending in years shown above

Nonfederal loans include loans to students from states and from institutions, in addition to private loans by banks, credit unions, and Sallie Mae

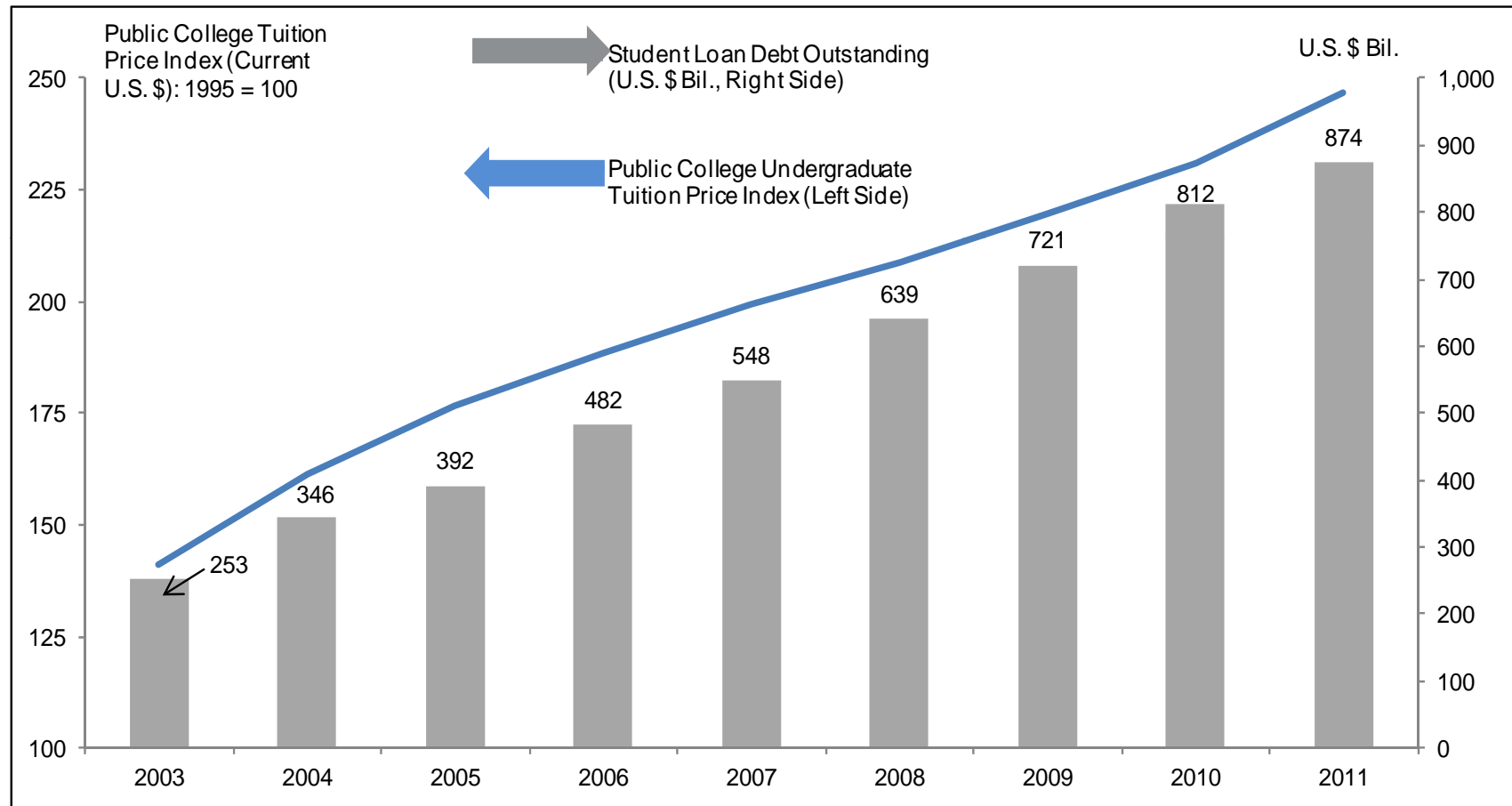
Source: College Board

Total Student Aid and Nonfederal Loans Used to Finance Postsecondary Education Expenses in Constant 2010 Dollars (in Millions), 1963-64 to 2010-11



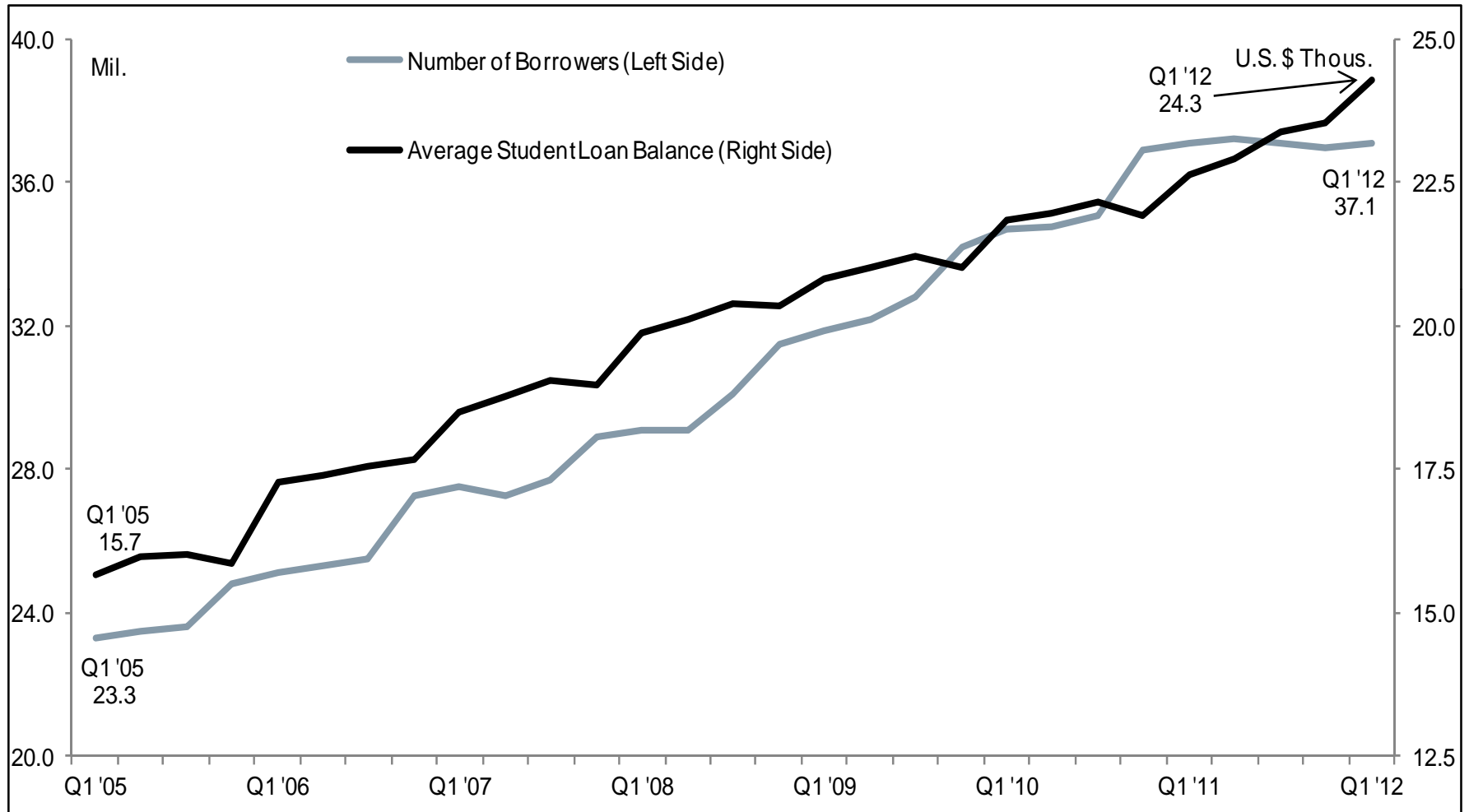
Source: College Board

U.S. Student Loans Outstanding and Cost of Tuition: 2003 to 2011



Note: in-state tuition and required fees for public institutions
 Source: FRBNY; U.S. Department of Education

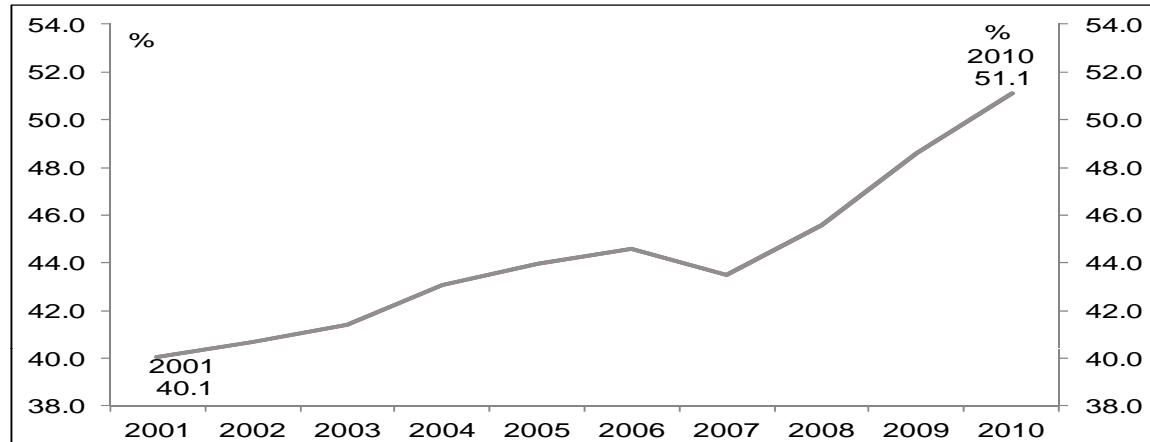
Average U.S. Student Loan Balance and Number of Borrowers: Q1 2005 to Q1 2012



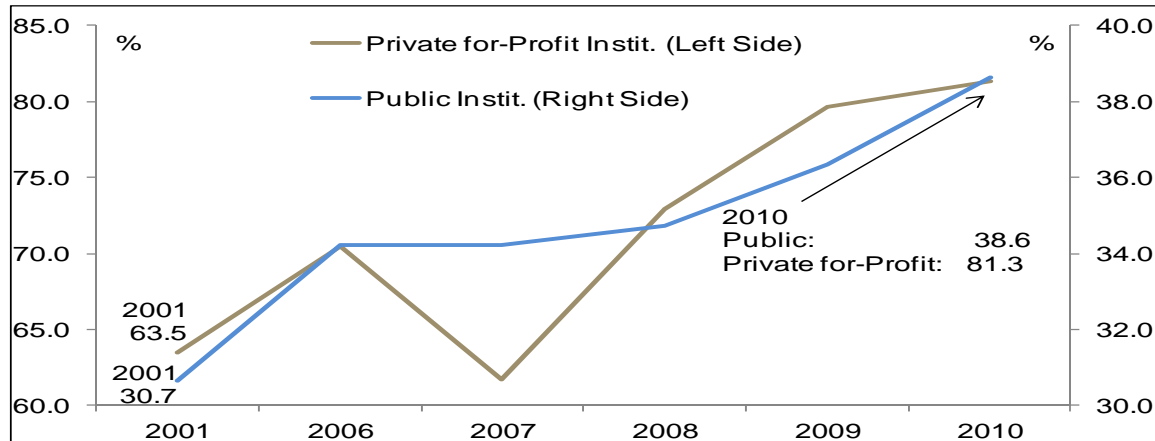
Includes all age groups
Source: FRBNY

Percentage of Undergraduate Students Receiving Student Loans: 2001 to 2010¹

All Undergraduate Students²



Public and Private for-Profit Undergraduate Students



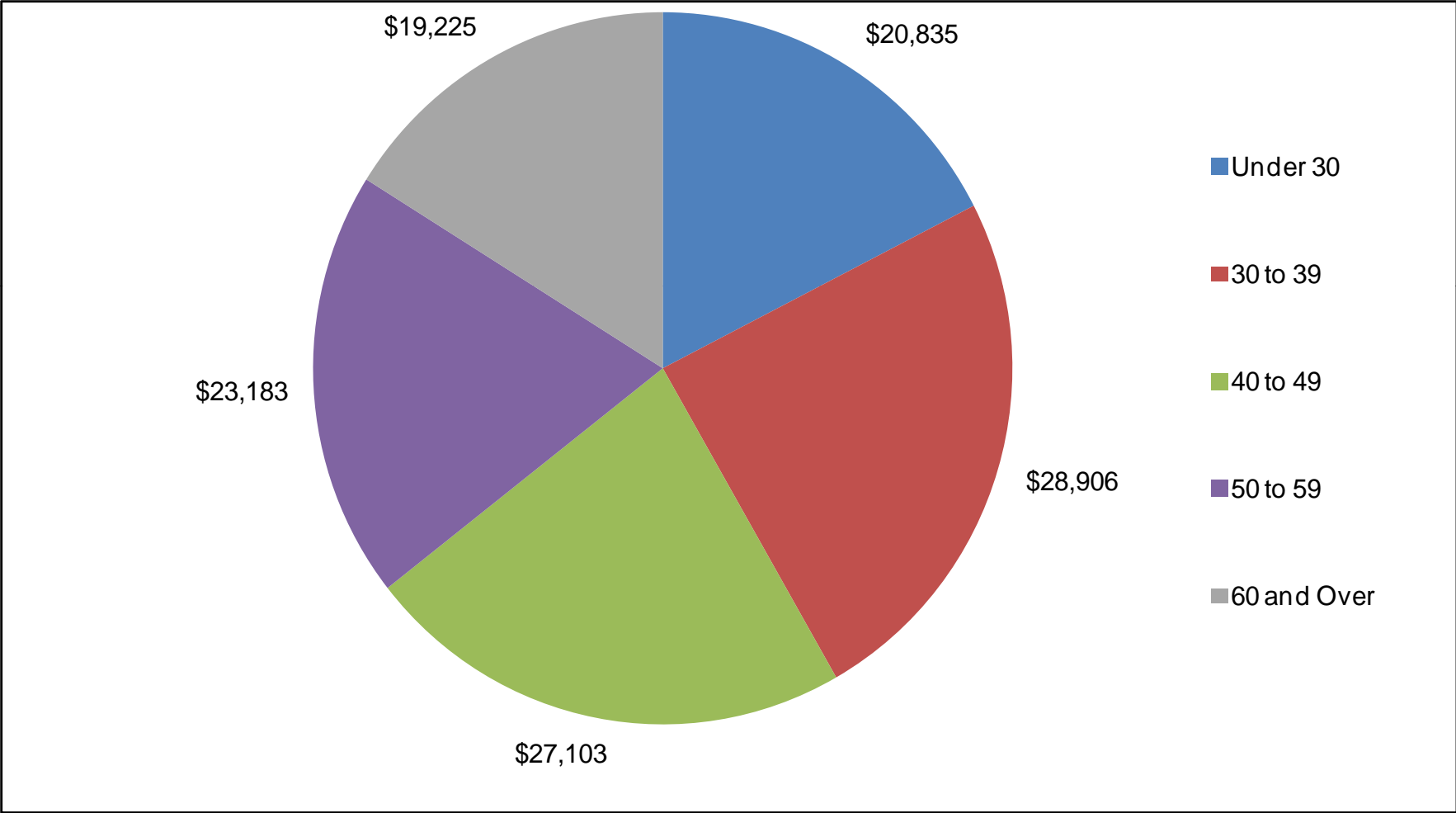
1) Data for academic year ending in years shown above

2) Full-time, first-time degree/certificate seeking undergraduate students enrolled in all private or public degree-granting institutions

Student loans include only those made directly to students and do not include Parent Loans for Undergraduate Students (PLUS) and other loans made directly to parents

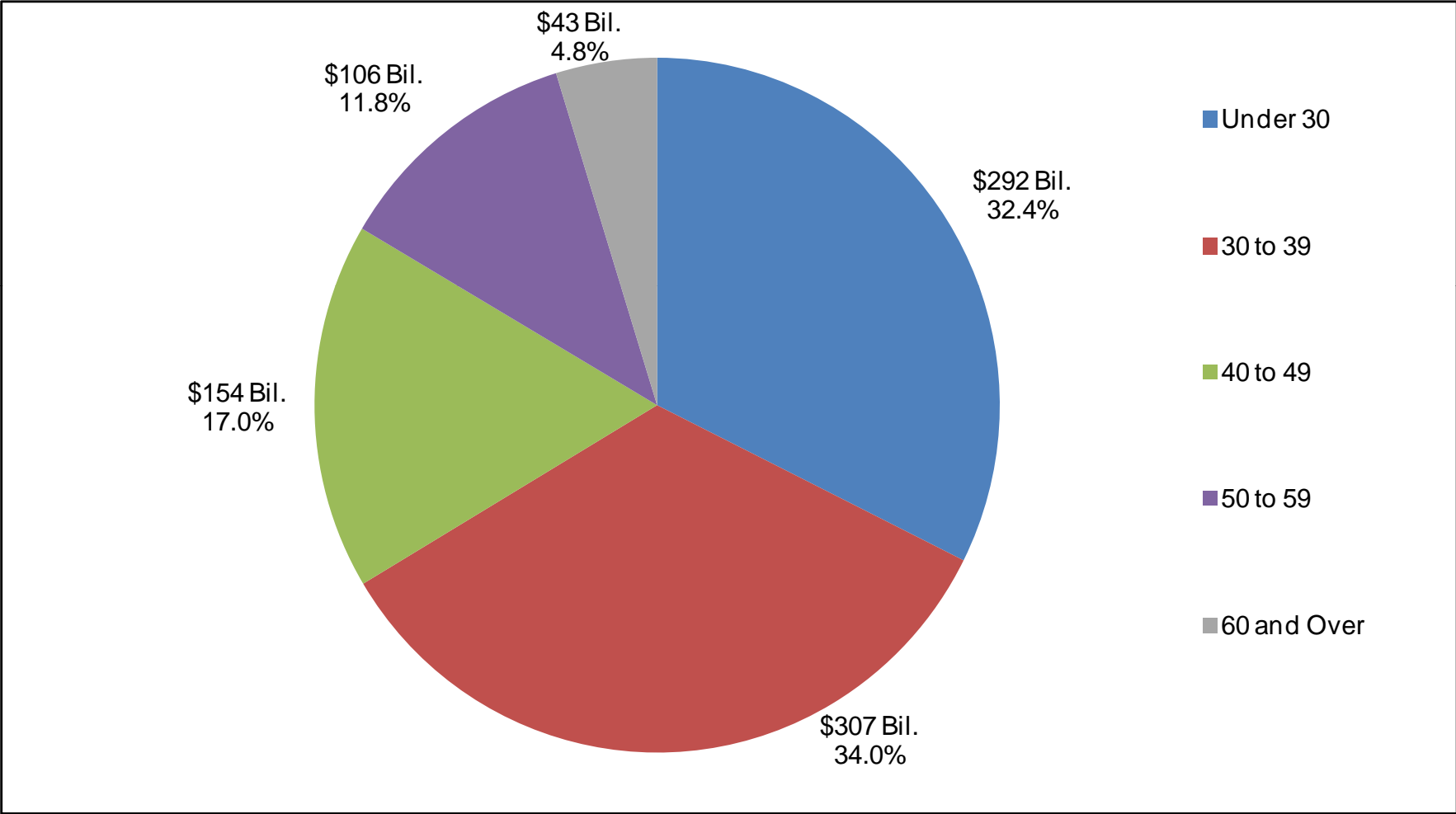
Source: U.S. Department of Education

Average Student Loan Balance by Age Group: Q1 2012



Source: FRBNY

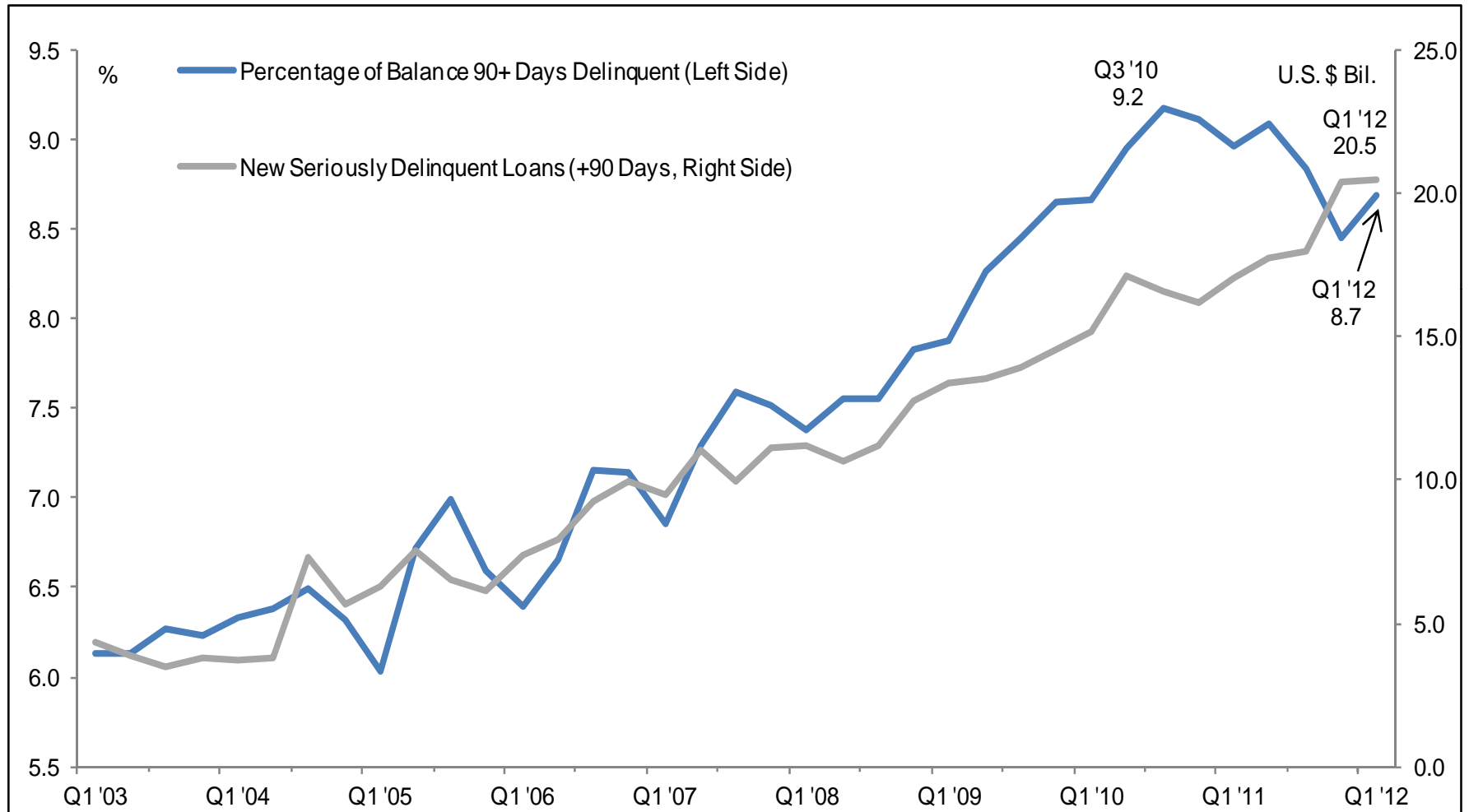
Total Student Loan Debt by Age Group (U.S. \$ Bil.): Q1 2012



Source: FRBNY

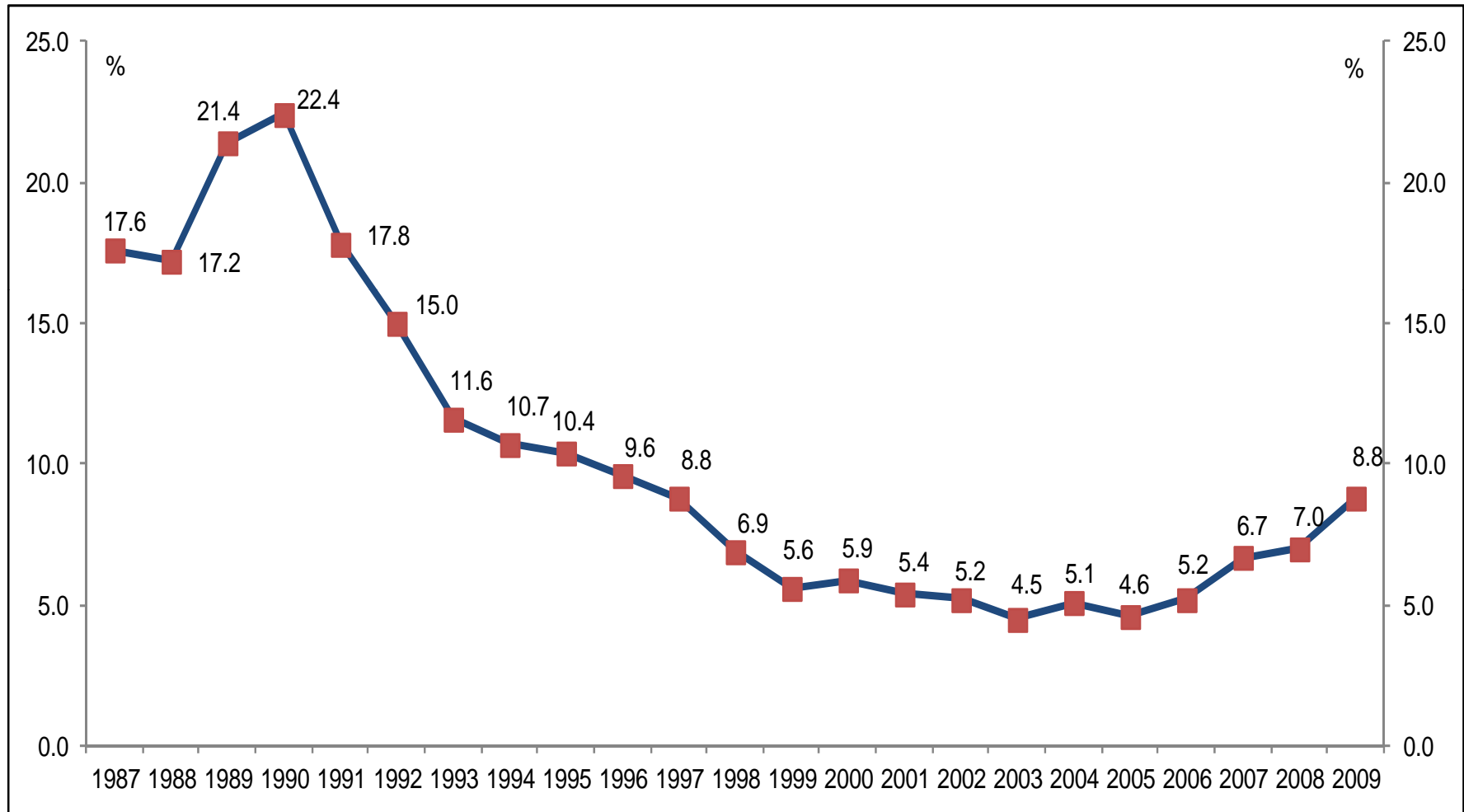
Loan Performance

U.S. Student Loans: Amount and Percentage of Total Balance Delinquent for 90 or More Days: Q1 2003 to Q1 2012



Source: FRBNY

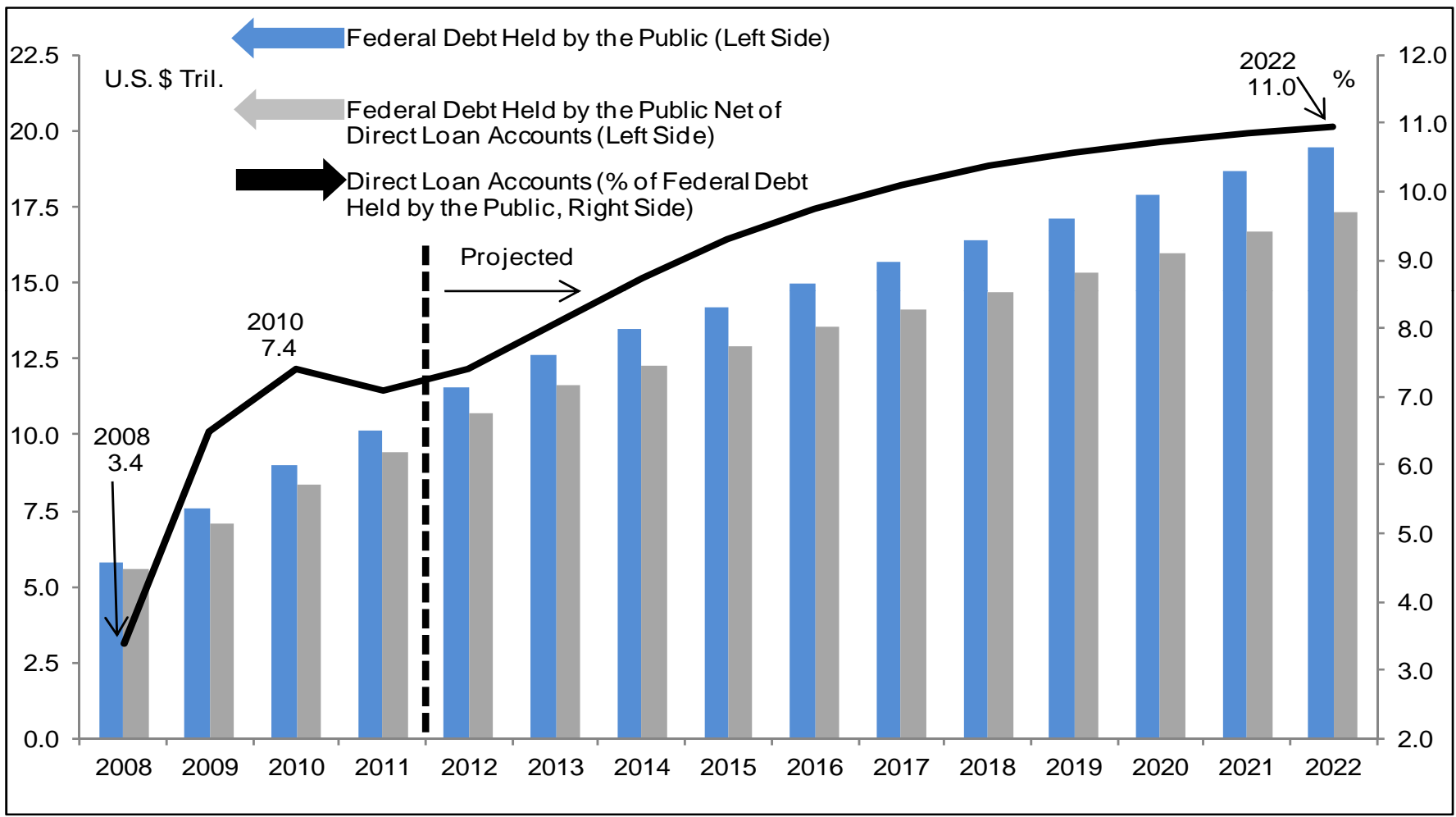
National Student Loan Cohort Default Rates for Federal Student loans: 1987 to 2009



Note: The cohort default rate is the percentage of borrowers who enter repayment in a fiscal year and default by the end of the next fiscal year
Source: J.P. Morgan; U.S. Department of Education

Budget Implications of Direct Federal Student Lending

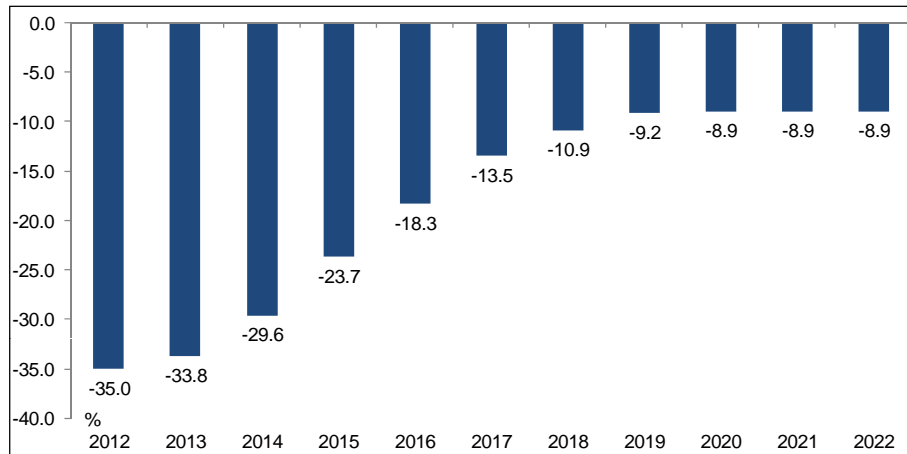
U.S. Total Debt Held by the Public¹ and Total Debt Held by Public Net of Direct Loan Accounts: Fiscal Year 2008 to 2022



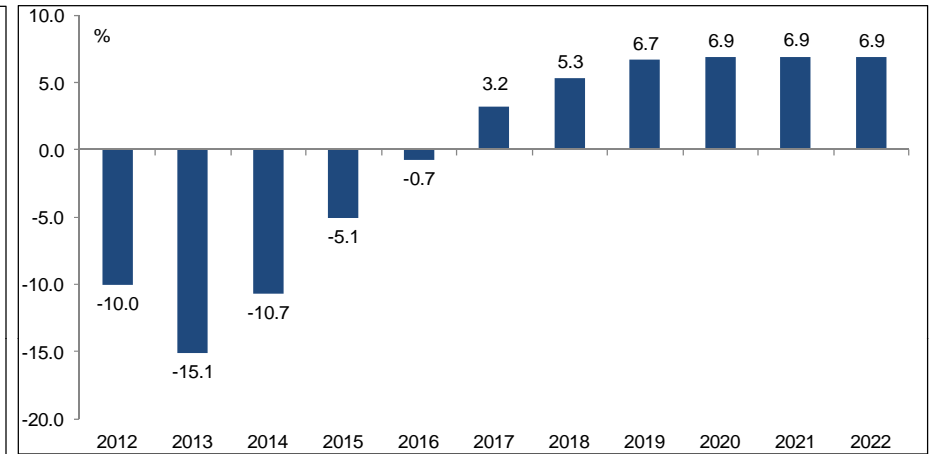
1) Includes checks outstanding, accrued interest payable on Treasury debt, uninvested deposit fund balances, allocations of special drawing rights, and other liability accounts; and, as an offset, cash and monetary assets (other than the Treasury operating cash balance), other asset accounts, and profit on sale of gold
 Source: OMB

CBO Baseline Projected Direct Student Loan Subsidy Rates (%): 2012 to 2022

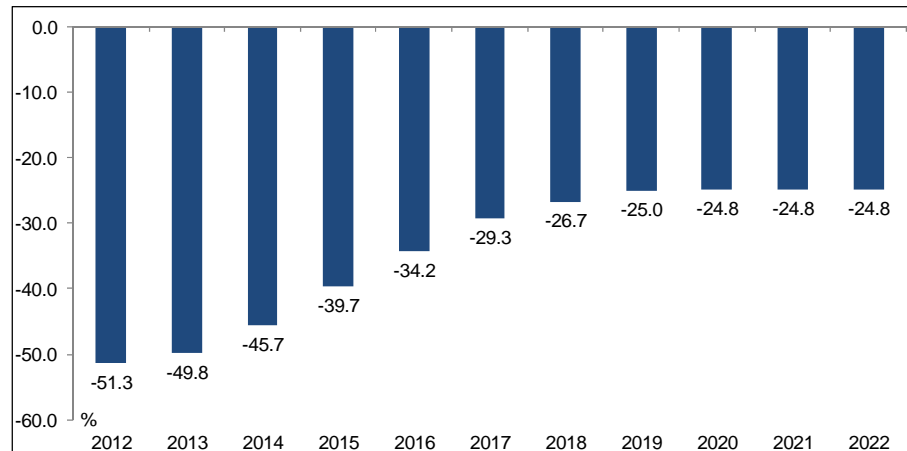
Unsubsidized Student



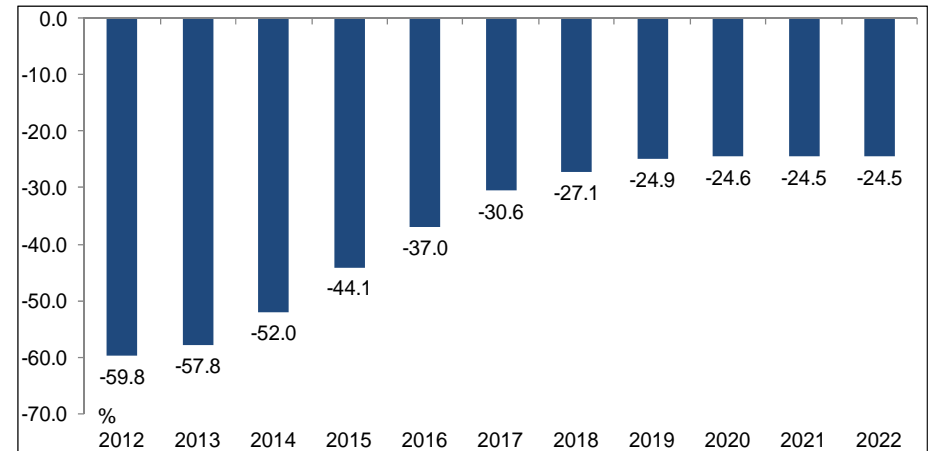
Subsidized Student



Parent

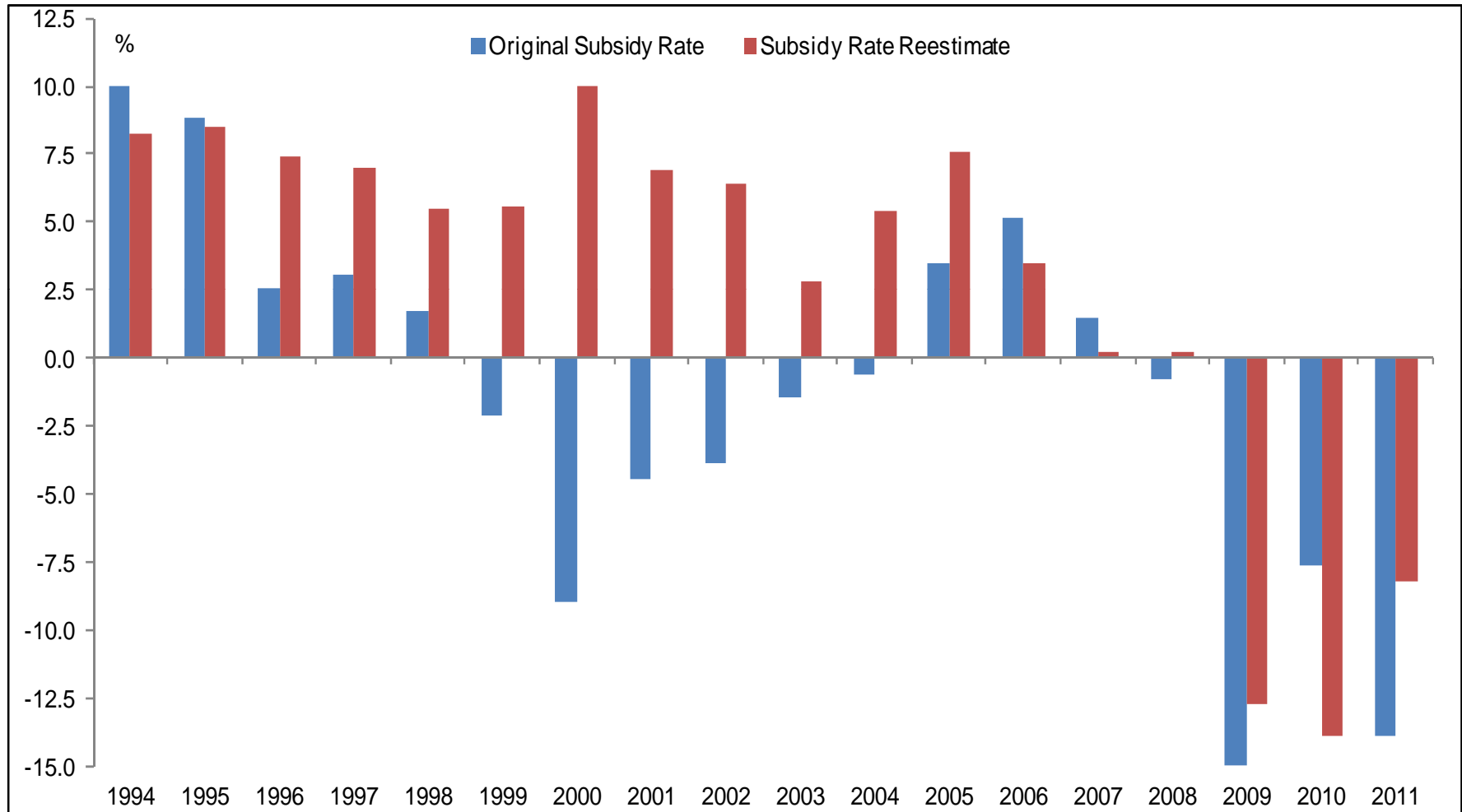


GradPlus Student



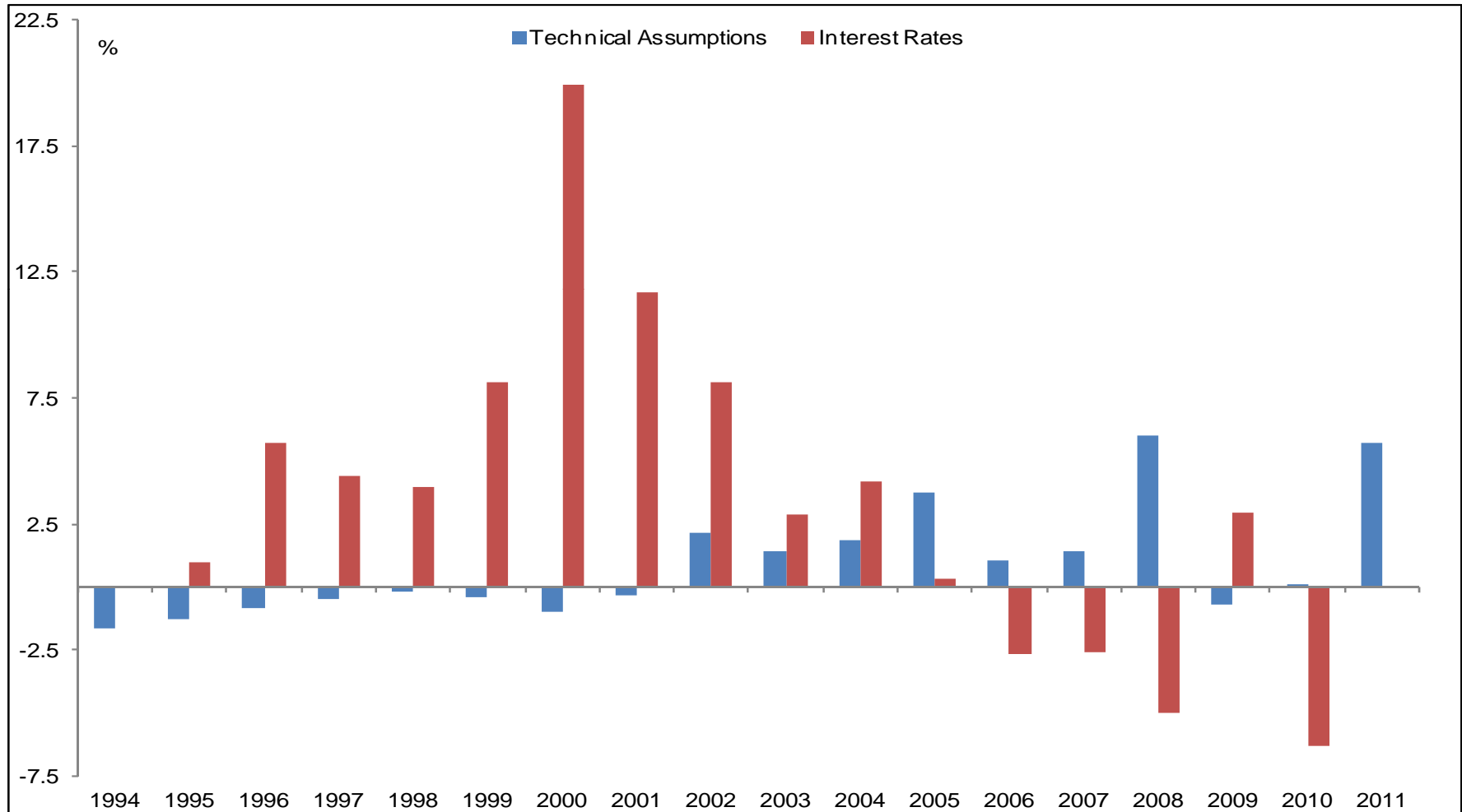
CBO March 2012 baseline; by fiscal year
Source: CBO

Direct Loans Subsidy Rate (%): Original vs. Reestimate¹: Fiscal Year 1994 to 2011



1) Reestimates from Federal Credit Supplement – Budget of the U.S. Government Fiscal Year 2013
Source: OMB

Contribution to Change between Original and Reestimated¹ Direct Loans Subsidy Rate: Fiscal Year 1994 to 2011



1) Reestimates from Federal Credit Supplement – Budget of the U.S. Government Fiscal Year 2013
Source: OMB

Hypothetical Cash Flow Modeling and Funding Profiles

Note on Data Used in this Presentation

Sources for information in this report include

- Federal Reserve
- Department of Education
- Consumer Financial Protection Bureau
- Office of Management and Budget
- Congressional Budget Office
- College Board
- Private lenders

In some instances data is inconsistent or limited with regard to information needed to evaluate student loan performance and trends.

It may be worthwhile to provide more complete historical data in a centralized manner

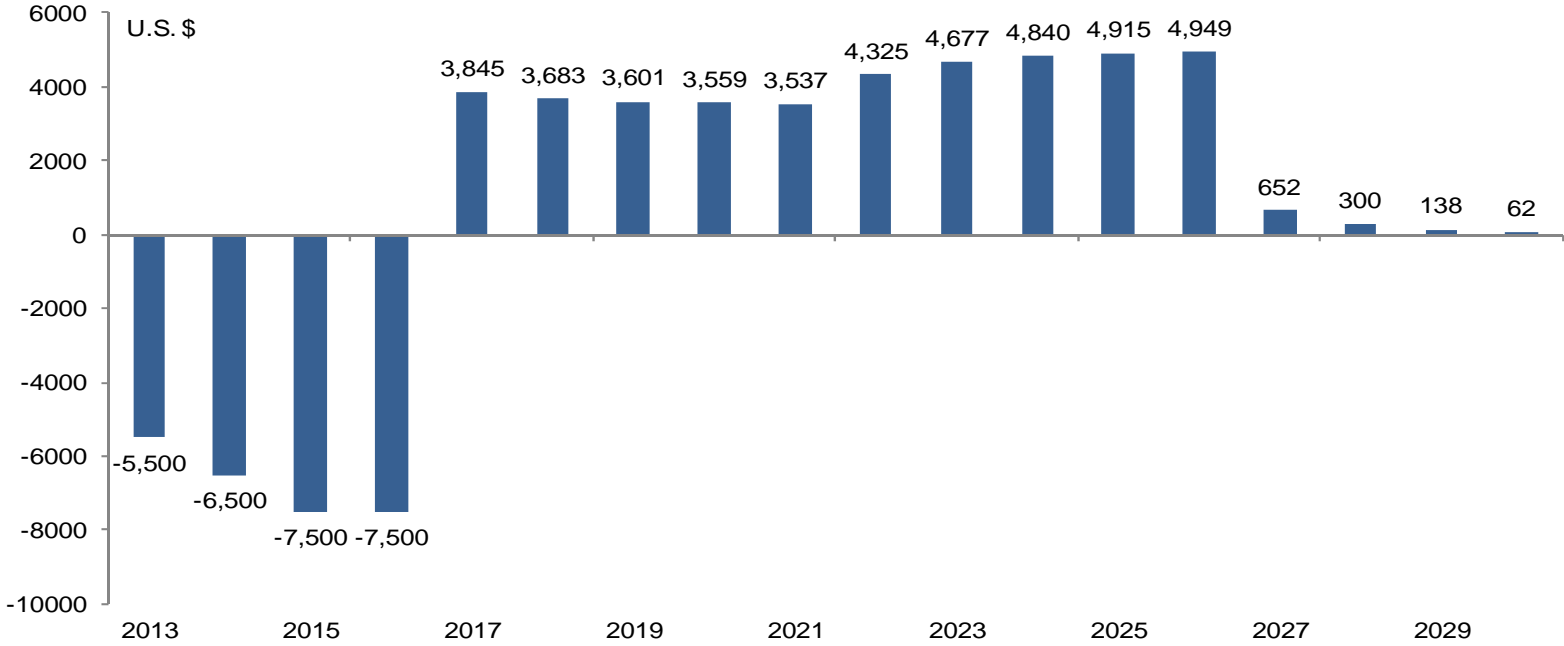
Data Assumptions

- The loan is an unsubsidized Stafford loan
- Borrower is in deferment while in school as a result of being enrolled at least half time
- There is no grace period - the borrower starts repaying immediately after graduation
- Interest rate: 6.8%
- Repayment schedule assumes interest accrues for 4 years and level pays for 10-years
- Default base case assumption: 16.6% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Default alternative assumption: 33.2% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Recovery period: No payments for 5-years post-default and then full payment in a level fashion over 5-years (5Y5Y); No payments for 5-years post-default and then full payment in level fashion in 10-years (5Y10Y)
- 1.66% weighted average funding cost: Calculated based on the weighted average yield of current Treasury zeros to match-fund the cash flow of a hypothetical unsubsidized Stafford loan carrying 6.8% interest, 10-years post-graduation term to maturity, 16.6% CDR, and a recovery assumption of no payments for 5-years post-default and then full payment in a level fashion in 5-years (5Y5Y)

Unsubsidized Stafford Loan: Hypothetical Cash Flow Profile

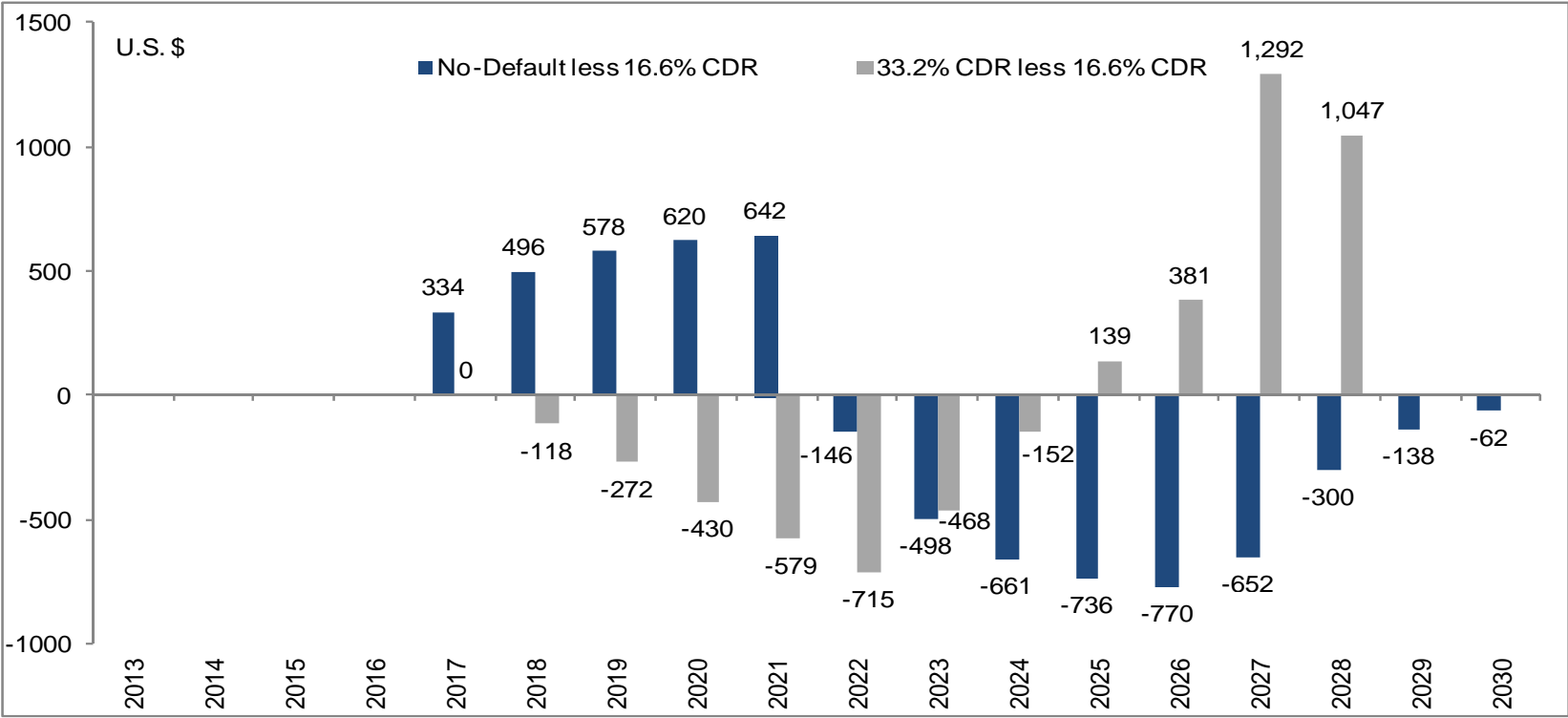
- First-year borrower completes school in four years
- Interest rate: 6.8%; term: 10-years post-graduation
- Default base case assumption: 16.6% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Recovery period: No payments for 5-years post-default and then full payment in 5-years (5Y5Y)
- Weighted average life (WAL) in years:

No default	9.50
16.6% CDR with 5Y5Y recovery	10.01
33.2% CDR with 5Y5Y recovery	10.62



Cash Flow Variance in Different Default Scenarios

- First-year borrower completes school in four years
- Interest rate: 6.8%; term: 10-years post-graduation
- Default base case assumption: 16.6% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Default alternative assumption: 33.2% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Recovery period: No payments for 5-years post-default and then full payment in 5-years

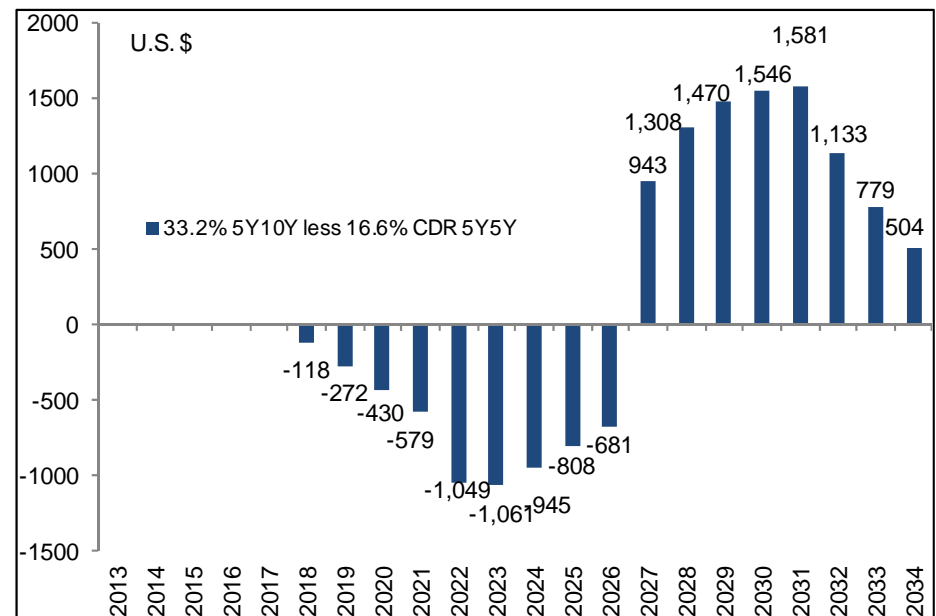
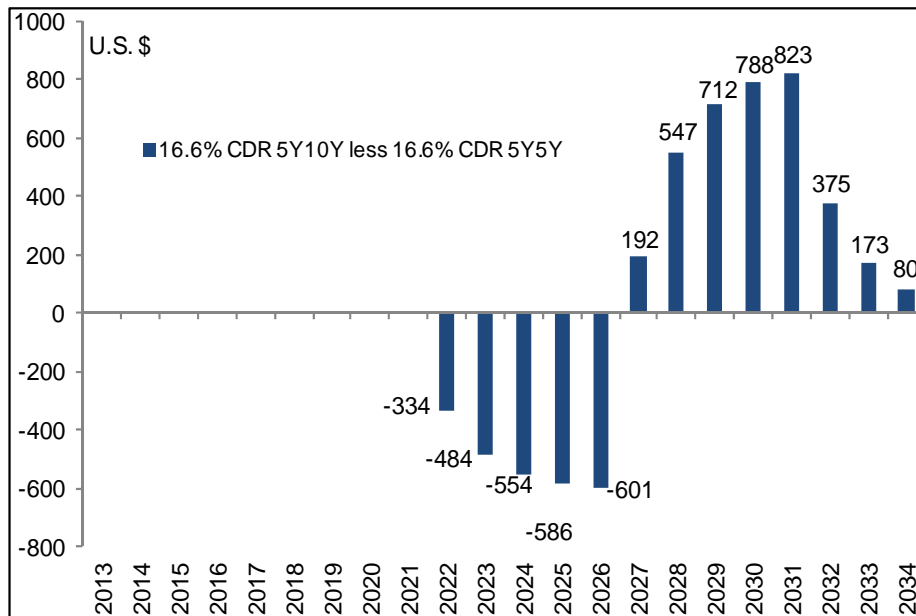


Cash Flow Variance in Different Default and Recovery Scenarios

- First-year borrower completes school in four years
- Interest rate: 6.8%; term: 10-years post-graduation
- Default base case assumption: 16.6% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-years
- Default alternative assumption: 33.2% cumulative default rate (CDR); 8% default rate in year one with decay to achieve CDR in 10-year
- Recovery period: No payments for 5-years post-default and then full payment in 5-years (5Y5Y); No payments for 5-years post-default and then full payment in 10-years (5Y10Y)

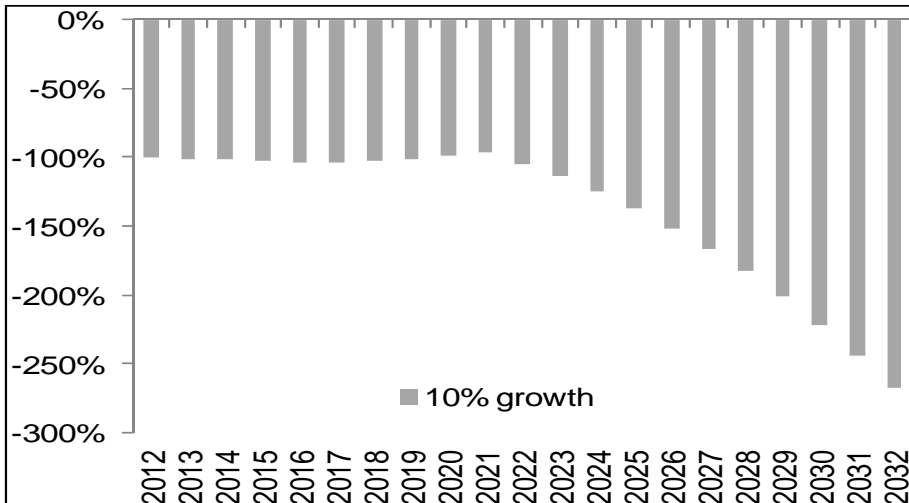
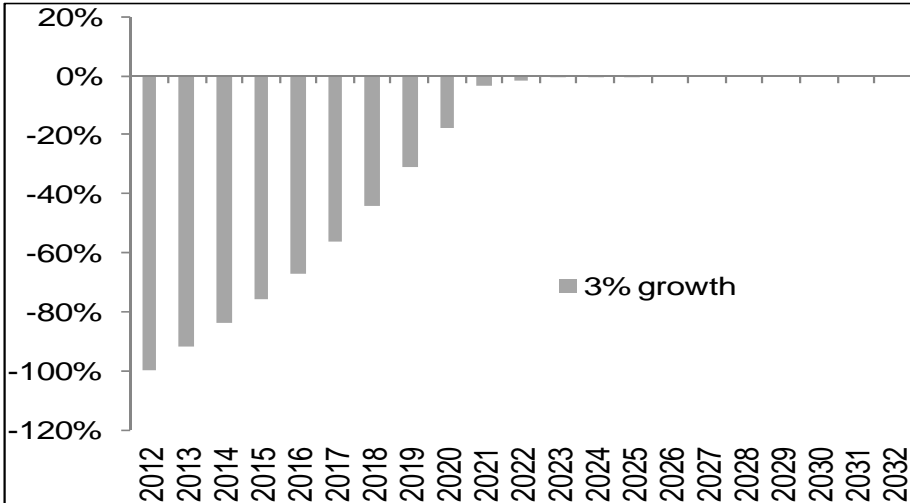
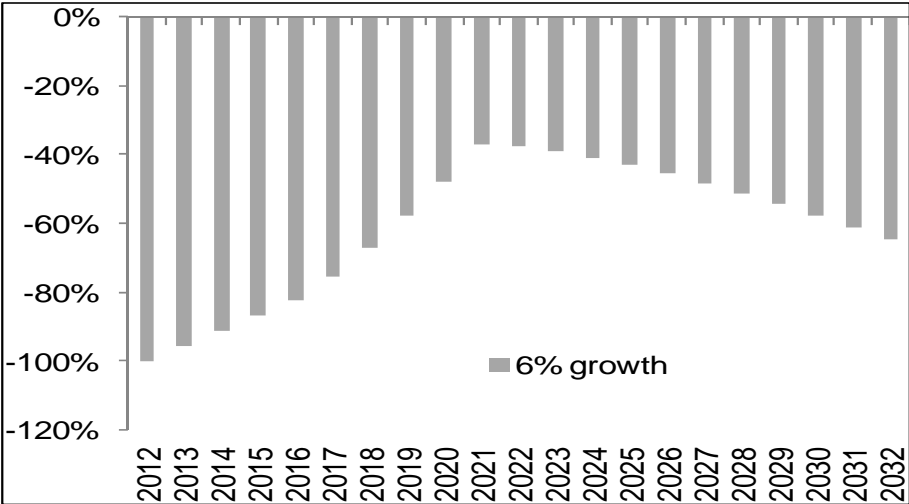
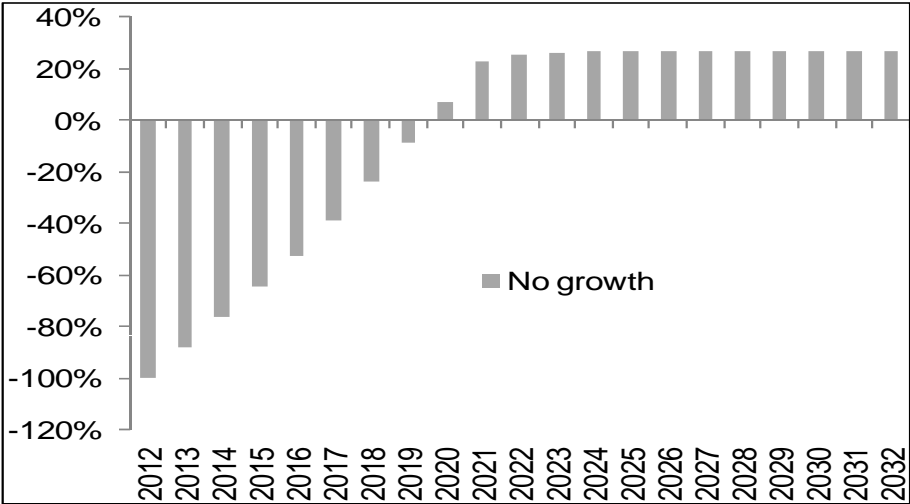
Extended Recovery vs Base Case
(16.6% CDR with 5Y10Y vs 16.6% CDR with 5Y5Y)

Higher Default, Extended Recovery vs Base Case
(33.2% CDR with 5Y10Y vs 16.6% CDR with 5Y5Y)



Hypothetical Modeled Funding Scenarios Relative to 2012 (2012=100) in Different Loan Growth Scenarios

- Assumes program fully ramped and loan interest rates 300 bp above the funding cost



Liability Management Considerations

Potential Liability Management Options

<u>Description</u>	<u>Pros</u>	<u>Cons</u>
Cash flow-matched funding with existing coupon maturities	Ease of implementation given no new forms of issuance	Dependency on assumptions that drive cash flows, exposure to cash flow variability; debt costs may be higher than necessary
Extendibles	Classic agency origination technique; partially automates origination and asset-liability matching	Higher cost given maturity uncertainty
Putables	Reduce up front origination cost. Grants optionality to investor to put bonds back to issuer. Works when negative correlation between defaults (unemployment) and Treasury yields holds	Could add to Treasury funding requirements at an inopportune time if the correlation breaks down due to credit issues
Amortizing, Sinking Funds	Spreads out liabilities stream; provides Treasury a chance to buyback bonds at a discount if rates rise; lower coupon	Hard to evaluate option; increases rollover risk; less structural appeal to investors
Passthroughs	Familiar MBS structure appeals to some investors; automates duration and cash flow matching	Complexity and policy risk curb attraction to some investors
Create a new segregated funding program for student loans	Additional flexibility to more accurately use sophisticated liability management tools to fund highly-complex student loan program	Integration with rest of the U.S. Treasury funding programs

U.S. Treasury Student Loan Primary Funding Menu

Structure	Coupon (%)	Duration	Convexity	OAS
10-yr bullet	1.54	9.24	0.94	-5.10
7-yr bullet	1.04	6.73	0.50	0.10
10-yr bullet, Issuer option to extend to 20 yr in 10 yr, same coupon	2.45	11.41	0.36	0.90
10-yr bullet, Issuer option to extend to 20 yr after yr 5, same coupon	2.45	11.41	0.36	0.90
7-yr bullet, Issuer option to extend to 14 yr in 7 yr, same coupon	2.05	9.01	-0.27	0.50
7-yr bullet, Issuer option to extend to 14 yr after yr 4, same coupon	2.05	9.01	-0.27	0.50
10-yr bullet, European put from Investor at 5 yr	0.55	5.01	0.38	-8.90
10-yr bullet, American put from Investor at 5 yr	0.54	5.08	0.52	-7.60
10-yr bullet, Bermudan put from Investor at 5 and 7 yrs	0.55	5.06	0.44	-7.80
7-yr bullet, European put from Investor at 5 yrs	0.59	5.01	0.34	-5.30
7-yr bullet, American put from Investor at 5 yrs	0.58	5.03	0.40	-5.00
10-yr bullet, 10% annual sinking fund beginning in yr 5	1.36	7.90	0.72	-1.40
10-yr bullet, 10% annual sinking fund (SF), with option to double to total of 20% in every yr (issuer's option, every year), beginning in yr 5	1.50	N/A	N/A	N/A
10-yr bullet, 10% annual SF, starting in yr 2	1.07	5.02	0.38	3.40
7-yr bullet, 10% annual SF, beginning in yr 2	0.83	4.74	0.30	-0.40
7-yr bullet, 10% annual SF, with option to double (issuer's option, every year), beginning in yr 2	0.90	N/A	N/A	N/A
10-yr, noncall 5, American option to call at par thereafter	1.77	8.51	0.22	1.10
10-yr, noncall 5, American option to call at par plus initial coupon, descending to par on final	1.72	8.71	0.16	2.80
7-yr, noncall 3, American option to call at par thereafter	1.25	5.67	-1.36	5.10
7 yr, noncall 3, American option to call at par plus initial coupon, descending to par on final	1.19	5.93	-0.55	5.20
7-yr, noncall 5, American option to call at par thereafter	1.13	6.53	0.21	3.80

Calculation Source: J.P. Morgan

Data and Analysis Considerations

For purposes of assessing loan cash flows, variability, and credit performance

- Volume and growth rates by type of loan (unsubsidized, subsidized, PLUS, consolidation)
- Choice of repayment option
- Percent in deferment and forbearance by type
- Type of school (2yr, 4yr, public, private, for-profit, etc)
- Academic major and wage correlation
- For payment plans specific to public service
 - percent that remain in payment plan
 - credit performance
- Rates and causes of forgiveness, cancellations, and discharges
- Delinquency transition rates from 30 to 60, 60 to 90, etc
- Rehabilitation rates and redefault rates
- Co-signer credit information, recovery

Prepayments

- Wage levels leading to prepay
- Other loan options, rates
- Sensitivity to interest rates

Data and Analysis Considerations (continued)

Collections and Recovery

- Expense
- Source of collection
 - Voluntary
 - Involuntary
 - wage garnishment
 - tax refunds (impact of tax rates)
 - other benefits

Loan volume drivers

- College attendance rates
- Correlation to economic activity
- Correlation to relative wages, breakeven timelines

Analysis

- **Model volumes, cash flow changes, delinquency, default, prepayments based on variables above**
- **Default seasoning curve based on school, major, repayment option**
- **Funding analysis based on modeled outcomes, adjusted as variables change**
- **Consider "FICO" score for schools and academic majors**