



CONGRESSIONAL BUDGET OFFICE  
U.S. CONGRESS  
WASHINGTON, D.C. 20515

June E. O'Neill  
Director

August 25, 1995

**MEMORANDUM**

TO: Paul Van de Water  
Jim Horney  
Projections Unit

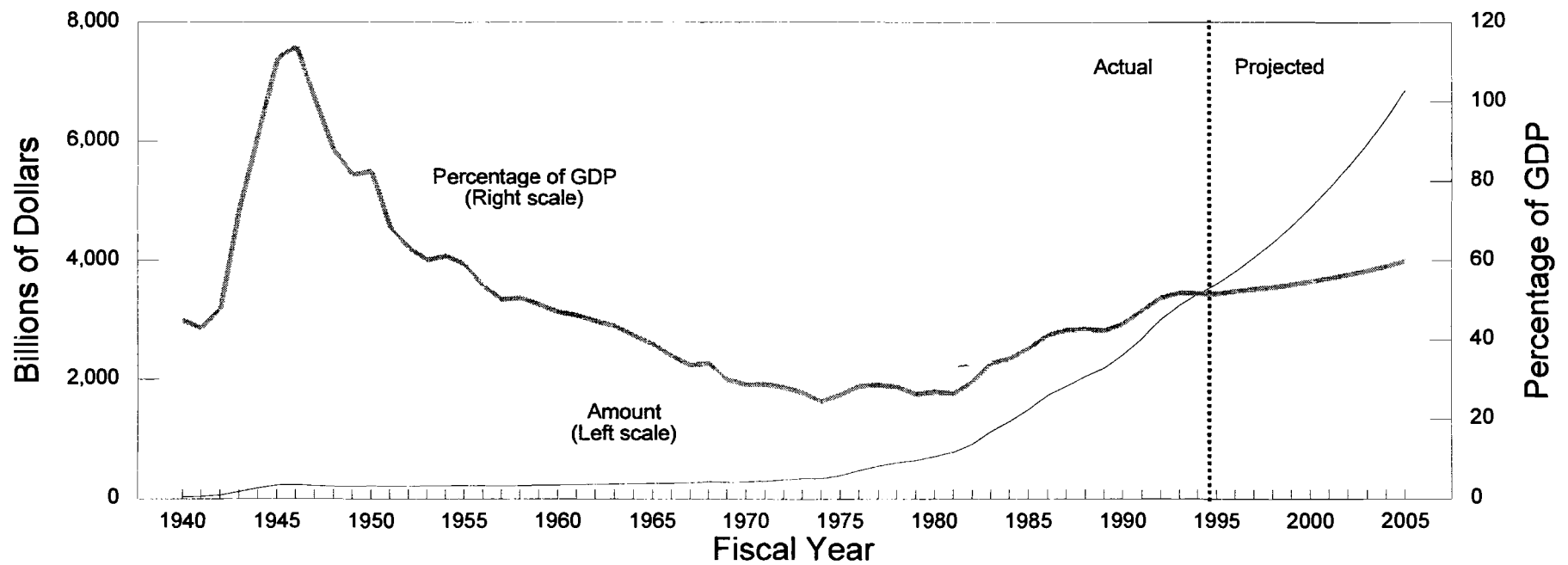
FROM: Jeff Holland *JH*

SUBJECT: *Federal Debt and Interest Costs* update

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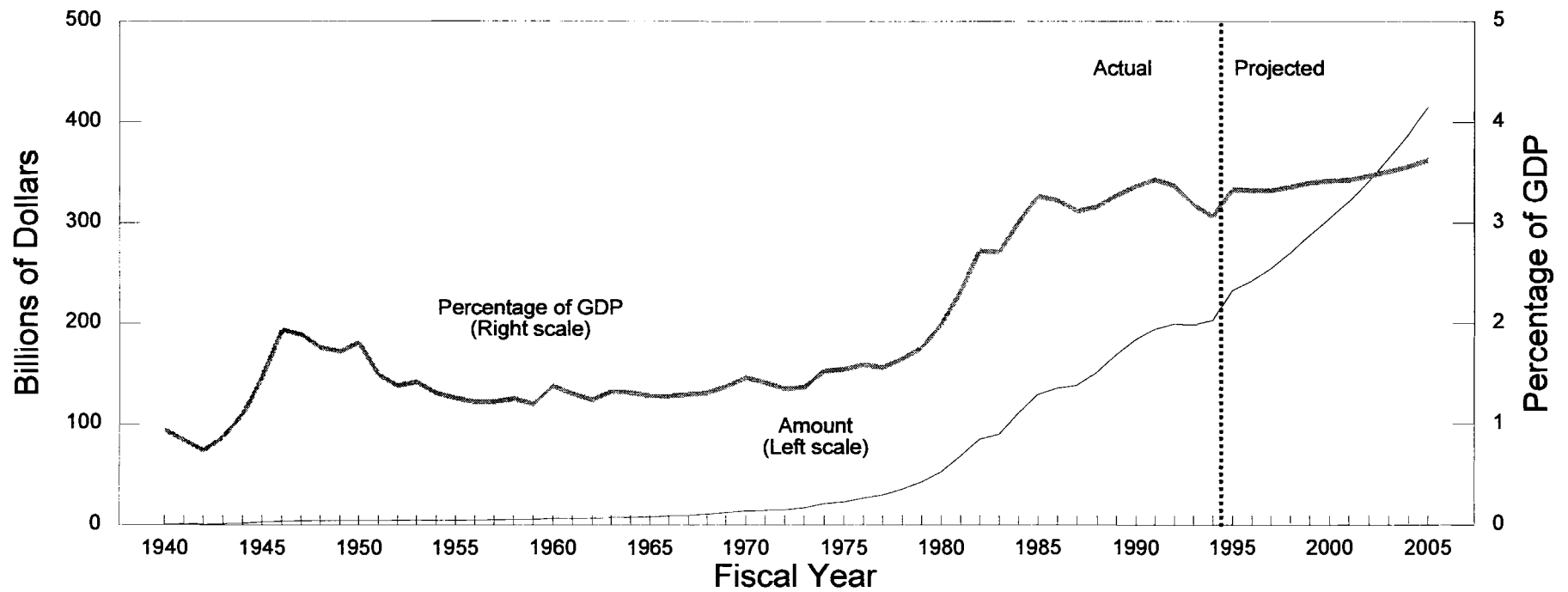
Since the *Federal Debt and Interest Costs report* is being re-released containing data that is now two years old, we may receive requests for updated information. Attached are revised tables and figures for all of Chapter 2, some of Chapter 6 and Appendix A. I did not re-run the simulations in Chapter 6, but if there seems to be a demand for them, I will update the analysis.

# Figure 1. Debt Held by the Public



SOURCES: Office of Management and Budget for 1940-1994; Congressional Budget Office baseline projections, 1995-2005.

## Figure 2. Net Interest Outlays



SOURCES: Office of Management and Budget for 1940-1994; Congressional Budget Office baseline projections, 1995-2005.

Table 1.  
Calendar of Treasury Issues of Marketable Debt

Type of Issue	Issues per Year	Timing	Auction Size <sup>a</sup> (Billions of dollars)
<b>Bills</b>			
Three-month	52	Weekly on Thursdays	13.60
Six-month	52	Weekly on Thursdays	13.60
One-year	13	Every Fourth Thursday	18.25
Cash Management	Variable	As Needed to Bridge Low Cash Balances	b
<b>Notes</b>			
Two-year	12	End of Each Month	17.75
Three-year	4	Midquarter Refunding	18.00
Five-year	12	End of Each Month	11.50
Ten-year	4	Midquarter Refunding	13.00
Bonds (30-year)	2	Every Other Midquarter Refunding	11.50

SOURCE: Congressional Budget Office based on information from the Department of the Treasury.

NOTE: This calendar reflects the Treasury's debt management practices of the past few years. Actual calendars may differ because of such factors as the timing of weekends and holidays, interruptions in the debt ceiling, and variations in Treasury cash balances. Auctions are generally conducted 3 to 10 days before issue dates.

a. Reflects auction sizes prevailing in July and August 1995.

b. Varies depending on cash needs.

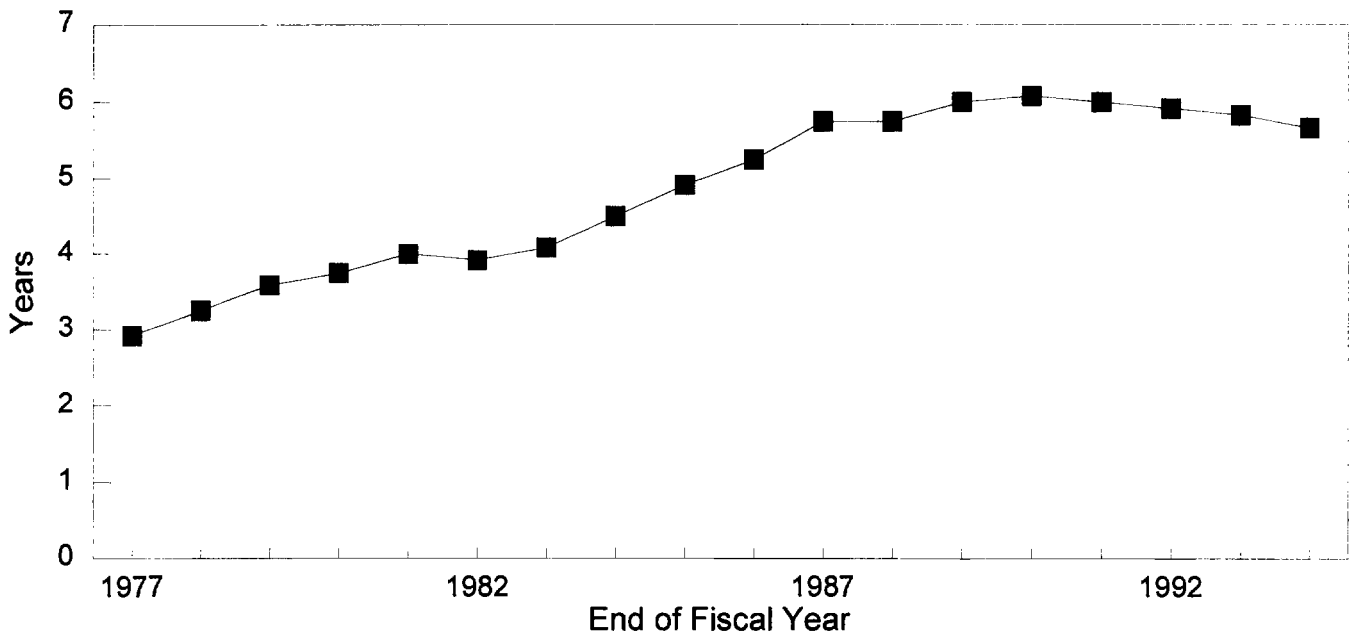
**Table 2.**  
**Interest-Bearing Marketable Public Debt**

End of Fiscal Year	Bills (Face Value)		Notes		Bonds		Total (Billions of dollars) /a
	Billions of Dollars	Percentage of Total	Billions of Dollars	Percentage of Total	Billions of Dollars	Percentage of Total	
1977	156	35%	242	54%	46	10%	444
1978	161	33%	268	55%	56	12%	485
1979	161	32%	274	54%	71	14%	507
1980	200	34%	311	52%	84	14%	595
1981	223	33%	364	53%	96	14%	683
1982	278	34%	443	54%	104	13%	824
1983	341	33%	558	54%	126	12%	1,024
1984	357	30%	662	56%	158	13%	1,177
1985	384	28%	776	57%	200	15%	1,360
1986	411	27%	897	58%	242	16%	1,549
1987	378	23%	1,005	61%	278	17%	1,661
1988	398	22%	1,090	61%	300	17%	1,788
1989	407	22%	1,133	60%	338	18%	1,878
1990	482	23%	1,218	59%	377	18%	2,078
1991	565	24%	1,388	58%	423	18%	2,376
1992	634	24%	1,566	59%	462	17%	2,662
1993	658	23%	1,734	60%	497	17%	2,890
1994	697	23%	1,868	61%	512	17%	3,077
1995 p	730	22%	2,009	62%	521	16%	3,261
1996 p	798	23%	2,110	61%	543	16%	3,450
1997 p	876	24%	2,227	61%	567	15%	3,670
1998 p	958	25%	2,350	60%	591	15%	3,899
1999 p	1,052	25%	2,491	60%	616	15%	4,158
2000 p	1,156	26%	2,648	60%	641	14%	4,444

SOURCES: Department of the Treasury for historical data, 1977-1994;  
Congressional Budget Office (Summer 1995) for projections 1995-2000.

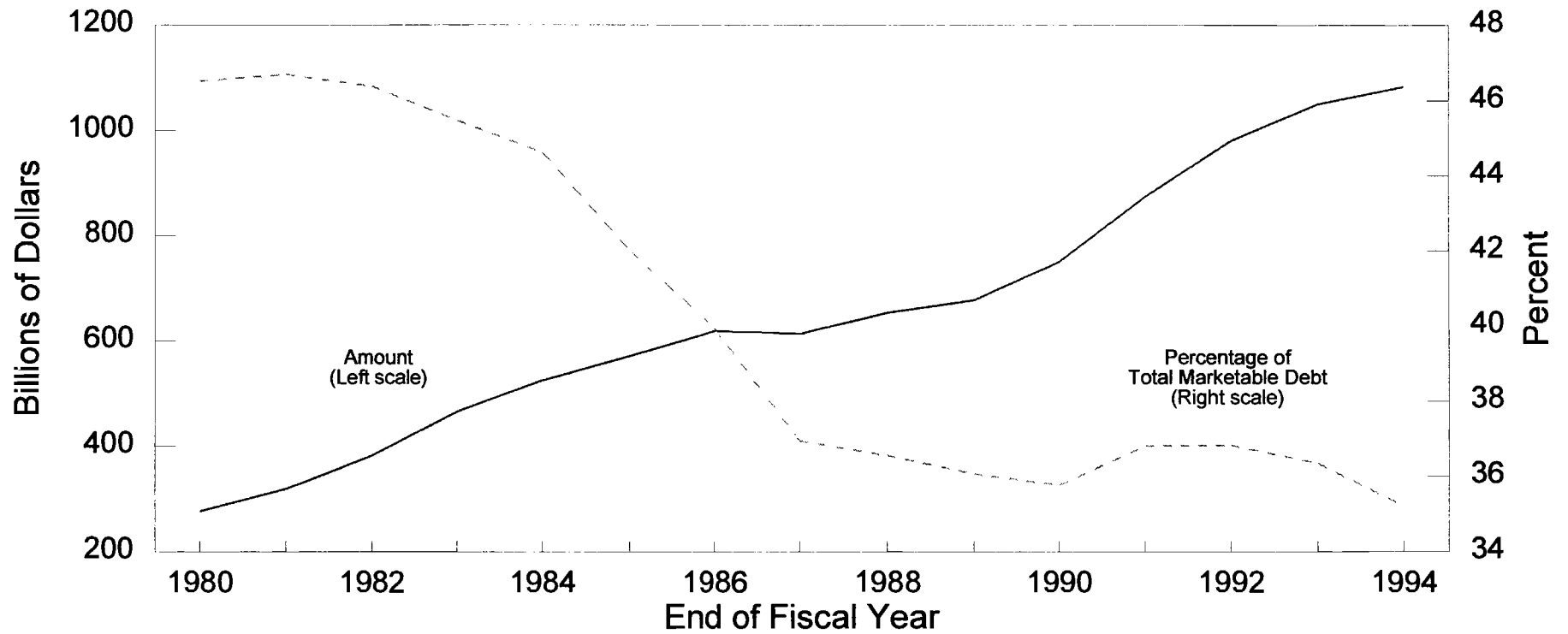
a/ Excludes securities the Federal Financing Bank issued to Civil Service Retirement (not currently traded in the market).

**Figure 3.**  
**Average Length of Marketable Public Debt at End of Fiscal Year**



*SOURCE: Congressional Budget Office based on data from the Department of the Treasury.*

**Figure 4.**  
**Marketable Debt Due for Refinancing in Following Year**



SOURCE: Congressional Budget Office based on data from the Department of the Treasury.

**Table 3.**  
**Deficits and Means of Financing, by Quarter (In billions of dollars)**

Fiscal Year	Quarter	Deficit	Means of Financing		
			Net Borrowing	Reduction in Cash	Other
1988	I	82	61	14	7
	II	37	41	-1	-3
	III	a	19	-17	-2
	IV	36	41	-5	-1
		155	162	-8	1
1989	I	69	54	11	4
	II	61	35	19	6
	III	-23	11	-29	-5
	IV	47	39	3	4
		152	139	3	10
1990	I/b	71	60	14	-4
	II/b	80	60	8	12
	III	12	37	-16	-9
	IV	58	63	-6	a
		221	221	1	a
1991	I	86	87	8	-9
	II	66	52	a	14
	III	26	43	-12	-6
	IV	91	95	2	-6
		269	278	-1	-7
1992	I	84	90	-7	1
	II	116	83	29	4
	III	28	62	-27	-7
	IV	62	76	-12	-1
		290	311	-17	-3
1993	I	120	81	29	10
	II	62	60	8	-6
	III	18	61	-39	-4
	IV	54	46	8	a
		255	249	6	a
1994	I	92	89	3	-1
	II	59	51	5	2
	III	a	8	-6	-2
	IV	53	37	15	2
		203	185	17	2

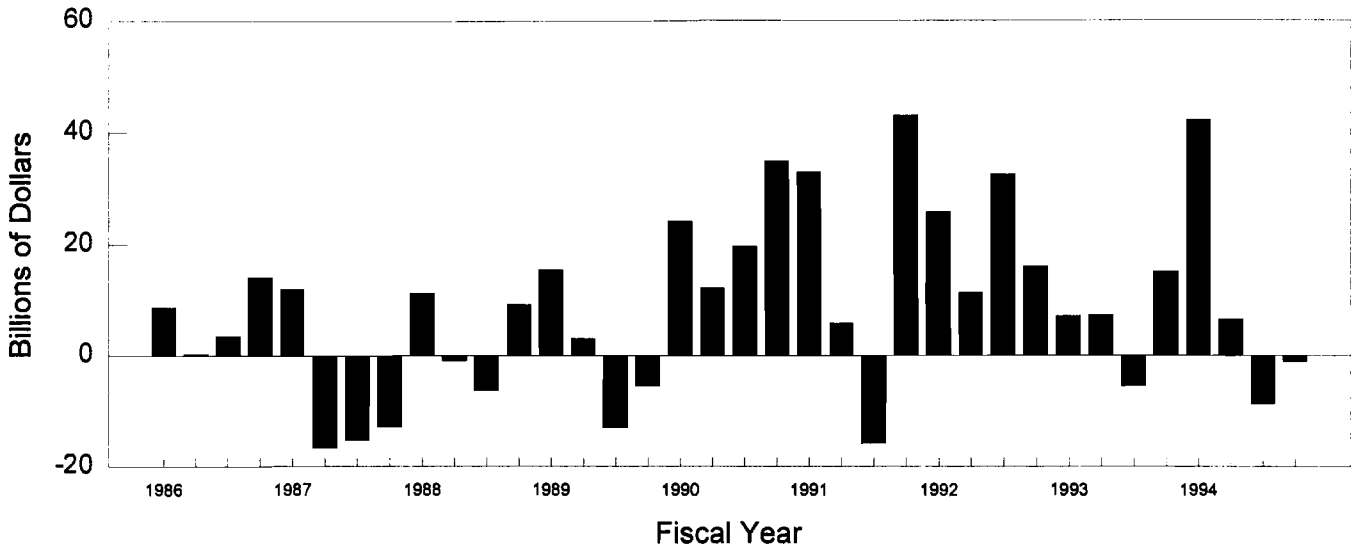
Source: Treasury Bulletin (FFO-1) and MTS w/adjustments by CBO to meet revised deficit actuals.

a. Less than \$500 million.

b. Adjusted for issuance of Tennessee Valley Authority debt and simultaneous purchase of Treasury securities.

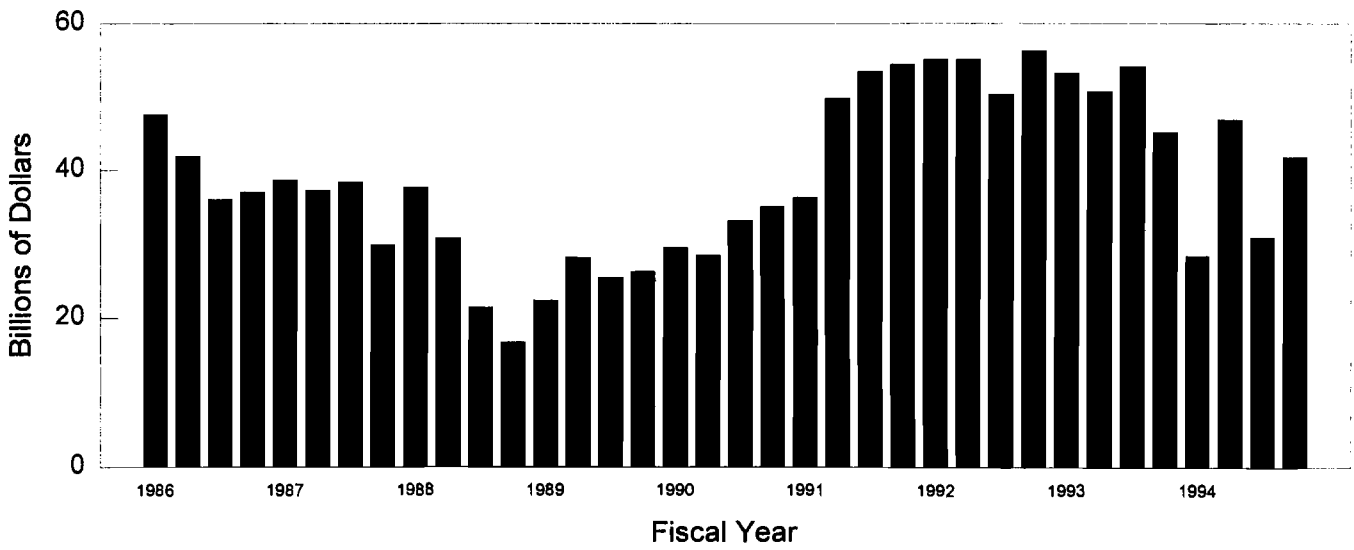


**Figure 5a.**  
**Quarterly Change in Bills**



NOTE: Regular (three-month, six-month, and one-year bills) only; excludes cash management bills.

**Figure 5b.**  
**Quarterly Change in Notes and Bonds**



SOURCE: Congressional Budget Office based on data from the Department of the Treasury.

**Table 4.**  
**Outstanding Marketable and Nonmarketable Public Debt**

End of Fiscal Year	Marketable (Face Value) /a		Nonmarketable /b		Total Public Issues (Billions of dollars)
	Billions of Dollars	Percentage of Total	Billions of Dollars	Percentage of Total	
1977	444	80%	114	20%	558
1978	485	79%	129	21%	614
1979	507	79%	136	21%	643
1980	595	83%	122	17%	717
1981	683	86%	112	14%	795
1982	824	89%	106	11%	930
1983	1,024	90%	117	10%	1,141
1984	1,177	91%	123	10%	1,299
1985	1,360	90%	147	10%	1,507
1986	1,549	89%	192	11%	1,742
1987	1,661	88%	231	12%	1,893
1988	1,788	87%	258	13%	2,046
1989	1,878	87%	278	13%	2,156
1990	2,078	88%	292	12%	2,370
1991	2,376	89%	301	11%	2,677
1992	2,662	89%	316	11%	2,978
1993	2,890	90%	328	10%	3,217
1994	3,077	90%	325	10%	3,401
1995 p	3,261	91%	309	9%	3,569
1996 p	3,450	92%	318	8%	3,769
1997 p	3,670	92%	329	8%	3,999
1998 p	3,899	92%	341	8%	4,240
1999 p	4,158	92%	355	8%	4,513
2000 p	4,444	92%	369	8%	4,813

SOURCES: Department of the Treasury for historical data, 1977-1994;  
Congressional Budget Office (Summer 1995) for projections 1995-2000.

a/ Excludes securities the Federal Financing Bank issued to Civil Service Retirement.

b/ Composed mostly of savings bonds and state and local government series. Zero-coupon bonds are reported at current value (computed by CBO).

**Table 5.****Outstanding Nonmarketable Interest-Bearing Debt Issued to the Public (In billions of dollars)**

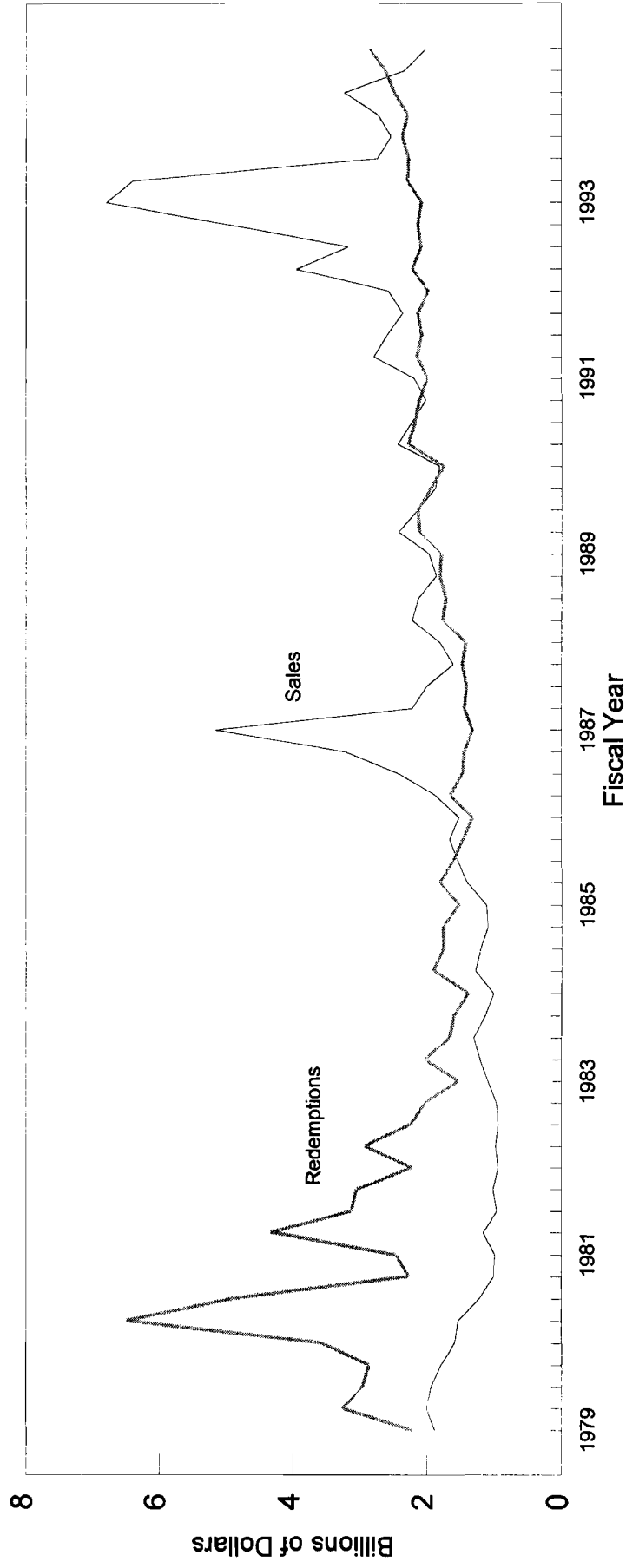
End of Fiscal Year	Savings Bonds	SLGs	Foreign Series	Zero-Coupon Bonds (Current value)		Other /a	Total
				Foreign	Domestic		
1977	75.4	11.5	21.8			5.3	114.0
1978	79.8	24.2	21.7			2.8	128.5
1979	80.4	24.6	28.1			2.8	136.0
1980	72.7	23.6	25.2			0.5	122.0
1981	68.0	23.2	20.5			0.5	112.2
1982	67.3	23.6	14.6			0.5	106.0
1983	70.0	35.1	11.5			0.5	117.1
1984	72.8	41.4	8.8			0.5	123.5
1985	77.0	62.8	6.6			0.5	146.9
1986	85.6	102.4	4.1			0.4	192.5
1987	97.0	129.0	4.4			0.4	230.8
1988	106.2	147.6	3.8	0.5		0.4	258.5
1989	114.0	158.6	4.3	0.6		0.4	277.9
1990	122.2	161.2	3.3	3.6	1.5	0.4	292.1
1991	133.5	158.1	1.6	4.7	2.6	0.4	301.0
1992	148.3	157.6	2.1	4.5	2.8	0.4	315.7
1993	167.0	149.4	1.7	5.8	3.1	0.4	327.5
1994	176.4	137.4	1.3	5.9	3.3	0.4	324.7
1995 p	183.2	113.6	1.3	6.9	3.6	n/a	308.6
1996 p	193.0	113.0	1.3	7.4	3.9	n/a	318.4
1997 p	202.8	113.0	1.3	7.9	4.2	n/a	329.3
1998 p	213.3	113.8	1.3	8.6	4.5	n/a	341.4
1999 p	224.3	115.0	1.3	9.4	4.9	n/a	354.8
2000 p	235.6	116.7	1.3	10.2	5.3	n/a	369.0

SOURCES: Department of the Treasury for historical data, 1977-1994;  
Congressional Budget Office (Summer 1995) for projections 1995-2000, and current value of zero-coupon bonds.

NOTE: n/a = not applicable.

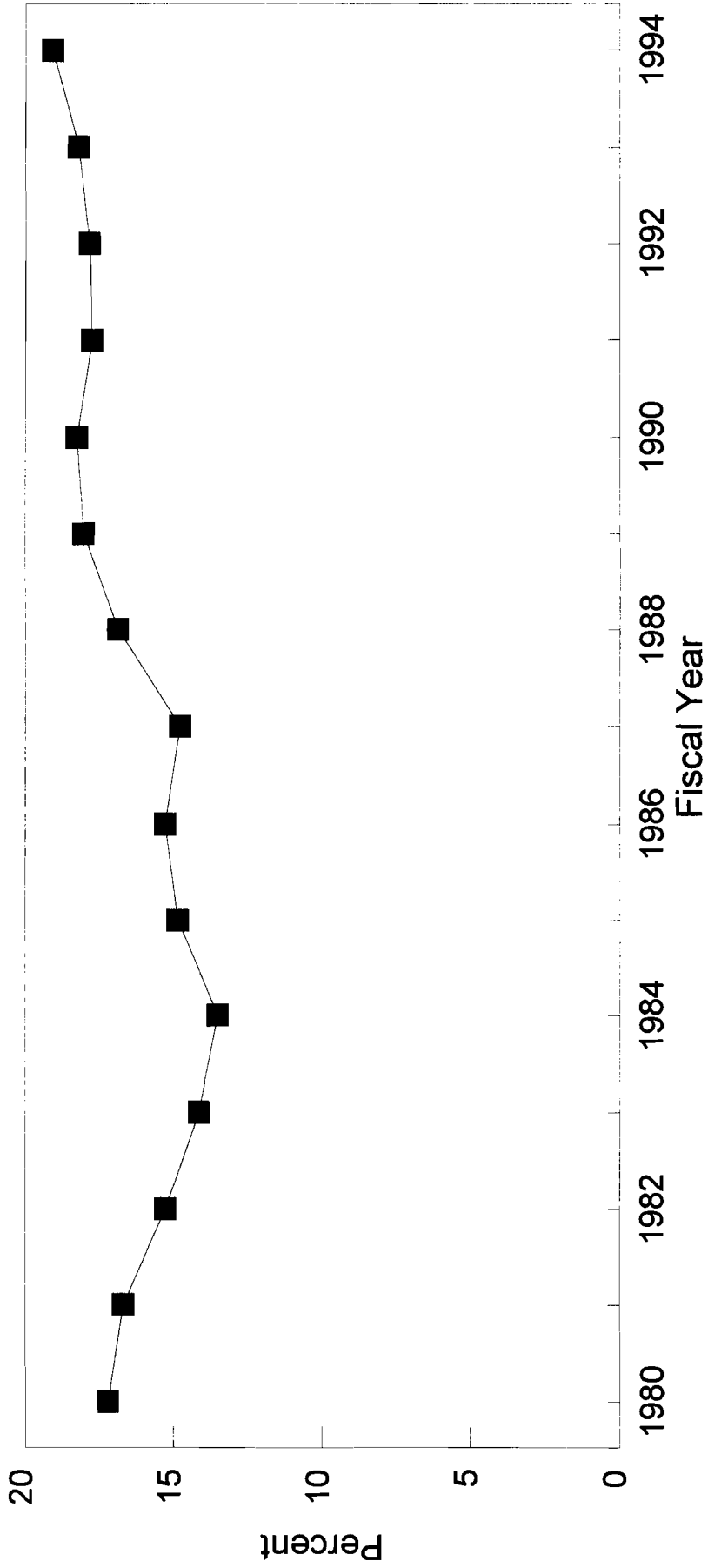
a/ Includes depository bonds, Rural Electrification Administration bonds, retirement plan bonds, investment series, savings notes, and Federal Reserve special certificates for fiscal year 1977.

**Figure 6.**  
**Quarterly Sales and Redemptions of Savings Bonds**



SOURCE: Congressional Budget Office based on data from the Department of the Treasury.

**Foreign Holdings of Federal Debt as a Percentage of Debt Held by the Public**



SOURCE: Congressional Budget Office based on data from the Department of the Treasury.

Foreign Holdings of U.S. Treasury Securities  
as of December 31, 1994

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Country	Holdings (Billions of dollars)	Percentage of Total
Japan	175.4	25.5
United Kingdom	91.0	13.2
Germany	54.5	7.9
Switzerland	32.4	4.7
Spain	27.9	4.1
Taiwan	25.8	3.7
OPEC	24.7	3.6
Canada	24.6	3.6
Other	<u>232.3</u>	<u>33.7</u>
Total	688.6	100.0

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SOURCE: Congressional Budget Office  
based on data from the  
Department of the Treasury.

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Table 6.  
Ownership of Public Debt Securities, End of Fiscal Year 1994

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Owner	Share
Foreign (Government and private)	19.1
State and Local Governments	14.7
Federal Reserve System	10.3
Individuals	9.5
Commercial Banks	9.1
Private Pensions	8.0
Insurance Companies	7.4
Corporations	6.7
Mutual Funds	4.8
Money Market Funds	1.8
Other	<u>8.7</u>
Total	100.0

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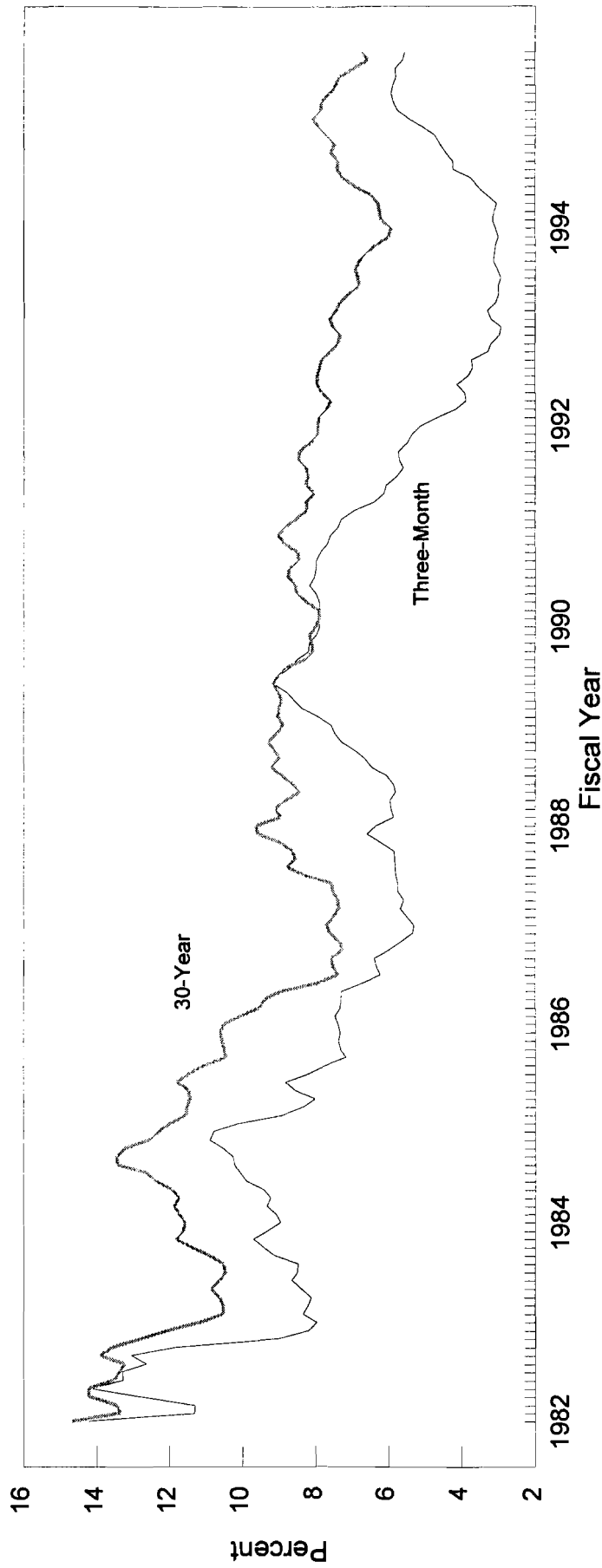
SOURCE: Congressional Budget Office based on data from the Department of the Treasury and the Federal Reserve Board.

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**Figure 7.  
Long- and Short-Term Interest Rates, by Month**

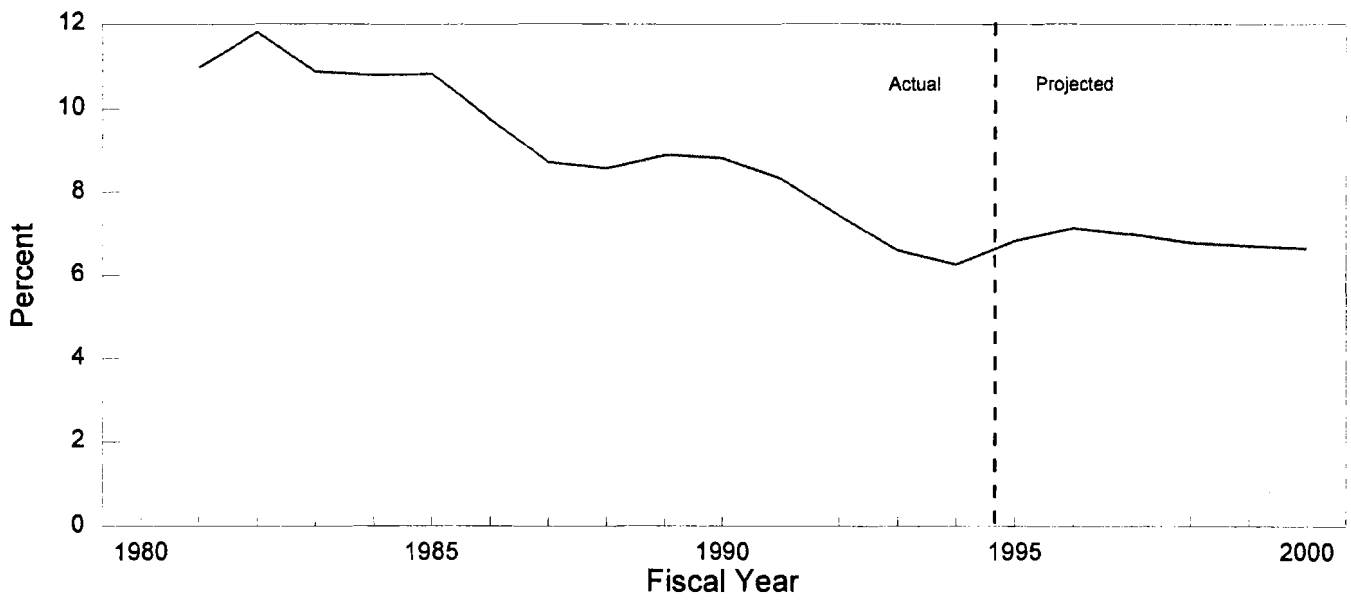


SOURCE: Congressional Budget Office based on data from the Federal Reserve Board.

NOTE: Three-month Treasury bill rates are calculated on a bond-equivalent basis.



**Figure 8.**  
**Average Interest Rate on Outstanding Marketable Debt**



SOURCE: Congressional Budget Office based on data from the Department of the Treasury.

**Table 7.**  
**Deficits and Means of Financing (In billions of dollars)**

	Actual					Projected								
	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Deficit	149.8	155.2	152.5	221.4	269.2	290.4	255.1	203.2	161.4	189.3	218.4	229.3	260.9	288.5
<b>Borrowing</b>														
Agency	0.3	8.4	13.0	7.3	-15.0	0.3	5.5	3.7	1.3	0.8	0.4	0.4	0.4	0.2
Treasury	151.6	153.7	126.1	213.6	292.4	310.4	241.9	181.1	171.6	203.2	234.4	245.0	277.9	305.3
Total	152.0	162.1	139.1	220.8	277.4	310.7	247.4	184.7	172.9	204.0	234.8	245.3	278.3	305.5
<b>Other Means of Financing</b>														
Change in cash balances	5.1	8.0	-3.4	-0.8	1.3	17.3	-6.3	-16.6	4.1	0	0	0	0	0
Change in interest accrued but not p	-2.2	-2.4	-6.7	-3.1	2.5	-2.2	0.4	0.5	-2.1	-2.2	-2.3	-2.2	-2.5	-2.9
Seigniorage	-0.5	-0.5	-0.6	-0.5	-0.4	-0.3	-0.4	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
Deposit funds	1.8	0.6	-0.8	0.9	0.3	1.7	0.2	-1.1	0	1.4	0	0	0	0
Credit reform financing accounts	n/a	n/a	n/a	n/a	n/a	1.3	-0.8	2.4	8.1	14.2	17.2	16.9	18.5	18.5
Other	-2.0	1.2	-1.9	2.9	4.6	2.4	-0.9	-3.0	2.0	2.0	2.0	2.0	2.0	2.0
Total	2.2	6.9	-13.4	-0.5	8.2	20.3	-7.8	-18.4	11.5	14.7	16.4	16.1	17.4	17.1
<b>Memorandum:</b>														
Debt held by public, end of year	1888.7	2050.8	2189.9	2410.7	2688.1	2998.8	3247.5	3432.2	3605.1	3809.1	4044.0	4289.3	4567.6	4873.2

SOURCE: Congressional Budget Office based on data from the Department of the Treasury for 1987-1994; CBO projections (Summer 1995 baseline) for 1995-2000.

NOTES: Details on means of financing are shown indicating the direction of their effect on borrowing. Thus, an increase in cash (an asset) raises borrowing requirements. An increase in checks outstanding (a liability) diminishes borrowing requirements, and is shown with a negative sign.

n/a = not applicable.

a. Less than \$500 million.

b. Effective in fiscal year 1992.

**Table 14.**  
**Baseline Projections of Net Interest (By fiscal year, in billions of dollars)**

	Actual						
	1994	1995	1996	1997	1998	1999	2000
<b>Interest on the Public Debt (Gross interest)</b>							
<b>Public issues</b>							
Marketable securities	187	214	225	236	251	267	283
Other /a	20	20	19	19	20	21	22
Subtotal	207	235	244	256	271	288	305
<b>Special Issues</b>							
(Government account series)	89	101	104	109	116	122	128
Total	296	336	348	365	387	410	433
Interest Received by Trust Funds	-86	-95	-97	-103	-109	-115	-121
Other Interest /b	-8	-8	-8	-7	-7	-8	-8
Net Interest	203	233	242	255	271	288	305

SOURCE: Congressional Budget Office, Summer 1995 baseline.

NOTE: Minus sign denotes offsetting receipt.

a/ Primarily interest on savings bonds, state and local government issues, Thrift Savings Plan, and foreign and domestic zero-cou

b/ Primarily interest income from the Federal Financing Bank and from other sources.

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**Table 15.****Baseline Projections of Federal Debt (By fiscal year, in billions of dollars)**

	Actual 1994	1995	1996	1997	1998	1999	2000
Debt Held by the Public, Start of Year	3,247	3,432	3,605	3,809	4,044	4,289	4,568
Deficit	203	161	189	218	229	261	288
Financed by borrowing							
Treasury debt	181	172	203	234	245	278	305
Agency debt	4	1	1	0	0	0	0
Subtotal	185	173	204	235	245	278	306
Financed by other means	-18	12	15	16	16	17	17
Total	166	184	219	251	261	296	323
Debt Held by the Public, End of Year	3,432	3,605	3,809	4,044	4,289	4,568	4,873
Debt Held by Government Accounts	1,211	1,322	1,429	1,532	1,634	1,733	1,832
Gross Federal Debt End of Year	4,644	4,927	5,238	5,576	5,924	6,301	6,706
<b>MEMORANDUM:</b>							
Debt Held by the Public as a Percentage of GDP	51.7%	51.6%	52.2%	52.7%	53.2%	53.9%	54.6%

Source: Congressional Budget Office, Summer 1994 baseline.

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**Table 16.**  
**Baseline Interest Rate Assumptions for Selected Maturities (By fiscal year, in percent)**

Type of Issue	1995	1996	1997	1998	1999	2000
New Borrowing						
Three-Month Treasury Bills /a	5.5	5.1	5.1	5.1	5.1	5.1
Five-Year Treasury Notes	6.9	6.2	6.6	6.6	6.6	6.6
Thirty-Year Treasury Bonds	7.2	6.6	7.0	7.0	7.0	7.0
All Outstanding Marketable Debt						
Average Interest Rate on All Marketable Debt	6.8	7.2	7.0	6.8	6.7	6.7

SOURCE: Congressional Budget Office, Summer 1995 baseline.

a/ Bank-discount basis.

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TABLE A-1. FEDERAL INTEREST COSTS (By fiscal year)

	In Billions of Dollars				As a Percentage of--		
	Gross interest	Received by trust funds: Other than Social Security	Social Security	Other interest	Net Interest	Total Outlays	GDP
1940	1.041	-0.096	-0.042	-0.004	0.899	9.5	0.9
1941	1.111	-0.111	-0.056	-0.001	0.943	6.9	0.8
1942	1.260	-0.136	-0.071	-0.001	1.052	3.0	0.7
1943	1.813	-0.163	-0.087	-0.033	1.530	1.9	0.9
1944	2.610	-0.222	-0.103	-0.066	2.219	2.4	1.1
1945	3.622	-0.305	-0.124	-0.081	3.112	3.4	1.5
1946	4.747	-0.419	-0.148	-0.069	4.111	7.4	1.9
1947	4.958	-0.518	-0.163	-0.073	4.204	12.2	1.9
1948	5.188	-0.556	-0.190	-0.101	4.341	14.6	1.8
1949	5.352	-0.611	-0.230	0.012	4.523	11.6	1.7
1950	5.720	-0.623	-0.257	-0.028	4.812	11.3	1.8
1951	5.615	-0.605	-0.287	-0.058	4.665	10.2	1.5
1952	5.853	-0.653	-0.334	-0.165	4.701	6.9	1.4
1953	6.504	-0.707	-0.387	-0.254	5.156	6.8	1.4
1954	6.382	-0.764	-0.439	-0.368	4.811	6.8	1.3
1955	6.370	-0.745	-0.438	-0.337	4.850	7.1	1.3
1956	6.787	-0.730	-0.487	-0.490	5.080	7.2	1.2
1957	7.244	-0.773	-0.557	-0.561	5.353	7.0	1.2
1958	7.607	-0.778	-0.571	-0.654	5.604	6.8	1.3
1959	7.593	-0.746	-0.576	-0.509	5.762	6.3	1.2
1960	9.180	-0.798	-0.563	-0.870	6.949	7.5	1.4
1961	8.957	-0.821	-0.591	-0.828	6.717	6.9	1.3
1962	9.120	-0.824	-0.609	-0.797	6.890	6.5	1.2
1963	9.895	-0.895	-0.582	-0.678	7.740	7.0	1.3
1964	10.666	-1.006	-0.607	-0.855	8.198	6.9	1.3
1965	11.346	-1.121	-0.648	-0.986	8.591	7.3	1.3
1966	12.014	-1.259	-0.642	-0.727	9.386	7.0	1.3
1967	13.391	-1.492	-0.792	-0.839	10.268	6.5	1.3
1968	14.573	-1.689	-0.979	-0.816	11.089	6.2	1.3
1969	16.588	-1.953	-1.149	-0.788	12.698	6.9	1.4
1970	19.304	-2.367	-1.568	-0.989	14.380	7.3	1.5
1971	20.959	-2.820	-1.942	-1.356	14.841	7.1	1.4
1972	21.849	-2.983	-2.106	-1.282	15.478	6.7	1.3
1973	24.167	-3.156	-2.280	-1.382	17.349	7.1	1.4
1974	29.319	-4.064	-2.520	-1.286	21.449	8.0	1.5
1975	32.665	-4.861	-2.803	-1.756	23.245	7.0	1.5
1976	37.076	-4.988	-2.812	-2.549	26.727	7.2	1.6
TQ	8.104	-0.177	-0.093	-0.885	6.949	7.2	1.6
1977	41.915	-5.488	-2.650	-3.875	29.902	7.3	1.6
1978	48.712	-6.128	-2.403	-4.724	35.457	7.7	1.6
1979	59.858	-7.727	-2.224	-7.271	42.636	8.5	1.8
1980	74.808	-9.707	-2.339	-10.224	52.538	8.9	2.0
1981	95.543	-11.523	-2.288	-12.958	68.774	10.1	2.3
1982	117.239	-13.995	-2.071	-16.129	85.044	11.4	2.7
1983	128.673	-15.257	-1.845	-21.743	89.828	11.1	2.7
1984	153.887	-17.044	-3.310	-22.410	111.123	13.0	3.0
1985	178.898	-21.838	-4.118	-23.438	129.504	13.7	3.3
1986	190.303	-26.628	-4.329	-23.298	136.048	13.7	3.2
1987	195.283	-29.614	-5.290	-21.727	138.652	13.8	3.1
1988	214.081	-34.406	-7.416	-20.422	151.837	14.3	3.2
1989	240.882	-40.467	-11.395	-19.755	169.265	14.8	3.3
1990	264.724	-46.321	-15.991	-18.191	184.221	14.7	3.4
1991	285.455	-50.426	-20.222	-20.266	194.541	14.7	3.4
1992	292.323	-54.193	-23.637	-15.071	199.422	14.4	3.4
1993	292.502	-55.537	-26.788	-11.367	198.810	14.1	3.2
1994	296.278	-56.494	-29.203	-7.623	202.958	13.9	3.1

TABLE A-2. FEDERAL DEBT (End of fiscal year)

	In Billions of Dollars				As a Percentage of GDP	
	Held by Public	Held by Government Accounts	Total, Gross Debt	Debt Subject to Limit	Debt Held by Public	Memo: GDP
1940	42.772	7.924	50.696	43.219	44.8	95.4
1941	48.223	9.308	57.531	49.494	42.9	112.5
1942	67.753	11.447	79.2	74.154	47.8	141.8
1943	127.766	14.882	142.648	140.469	72.8	175.4
1944	184.796	19.283	204.079	208.077	91.6	201.7
1945	235.182	24.941	260.123	268.671	110.9	212
1946	241.861	29.13	270.991	268.932	113.8	212.5
1947	224.339	32.81	257.149	255.767	100.6	222.9
1948	216.27	35.761	252.031	250.381	87.7	246.7
1949	214.322	38.288	252.61	250.965	81.6	262.7
1950	219.023	37.83	256.853	255.382	82.4	265.8
1951	214.326	40.962	255.288	253.284	68.4	313.5
1952	214.758	44.339	259.097	257.233	63.1	340.5
1953	218.383	47.58	265.963	264.22	60.0	363.8
1954	224.499	46.313	270.812	269.379	61.0	368
1955	226.616	47.751	274.367	272.348	58.9	384.7
1956	222.156	50.537	272.693	270.619	53.4	416.3
1957	219.32	52.931	272.251	269.12	50.0	438.3
1958	226.336	53.329	279.665	275.395	50.5	448.1
1959	234.701	52.764	287.465	282.419	48.9	480.2
1960	236.84	53.686	290.526	283.827	46.9	504.6
1961	238.357	54.291	292.648	286.308	46.1	517
1962	248.01	54.918	302.928	295.374	44.7	555.2
1963	253.978	56.345	310.323	302.923	43.5	584.5
1964	256.849	59.21	316.059	308.583	41.1	625.3
1965	260.778	61.54	322.318	314.126	38.9	671
1966	263.714	64.784	328.498	316.293	35.9	735.4
1967	266.626	73.819	340.445	323.143	33.6	793.3
1968	289.545	79.14	368.685	348.534	34.2	847.2
1969	278.108	87.661	365.769	356.107	30.0	925.7
1970	283.198	97.723	380.921	372.6	28.7	985.4
1971	303.037	105.14	408.177	398.65	28.8	1050.9
1972	322.377	113.559	435.936	427.751	28.1	1147.8
1973	340.91	125.381	466.291	458.264	26.8	1274
1974	343.699	140.194	483.893	475.181	24.5	1403.6
1975	394.7	147.225	541.925	534.207	26.1	1509.8
1976	477.404	151.566	628.97	621.556	28.3	1684.2
TQ	495.509	148.052	643.561	635.822	27.8	445
1977	549.103	157.295	706.398	699.963	28.6	1917.2
1978	607.125	169.477	776.602	772.691	28.2	2155
1979	640.308	189.162	829.47	827.615	26.4	2429.5
1980	709.838	199.212	909.05	908.723	26.8	2644.1
1981	785.338	209.507	994.845	998.818	26.5	2964.4
1982	919.785	217.56	1137.345	1142.913	29.5	3122.2
1983	1131.596	240.114	1371.710	1377.953	34.1	3316.5
1984	1300.498	264.159	1564.657	1572.975	35.2	3695
1985	1499.908	317.612	1817.520	1823.775	37.8	3967.7
1986	1736.709	383.919	2120.628	2110.975	41.2	4219
1987	1888.68	457.444	2346.124	2336.014	42.4	4452.4
1988	2050.799	550.507	2601.306	2586.869	42.7	4808.4
1989	2189.882	678.157	2868.039	2829.77	42.3	5173.3
1990	2410.722	795.841	3206.563	3161.223	44.0	5481.5
1991	2688.137	910.362	3598.499	3569.3	47.4	5676.4
1992	2998.834	1003.302	4002.136	3972.578	50.6	5921.5
1993	3247.471	1103.945	4351.416	4315.571	51.9	6258.6
1994	3432.213	1211.498	4643.711	4605.338	51.7	6633.6