

FEDERAL RESERVE statistical release



Z.7 (788)

For immediate release
September 28, 1992

FLOW OF FUNDS SUMMARY STATISTICS

Debt of the domestic nonfinancial sectors grew at a seasonally adjusted annual rate of 4-3/4 percent in the second quarter of 1992. Heavy borrowing by the federal government accounted for most of the rise; nonfederal debt rose at a 2-1/4 percent rate. The rise in household debt remained moderate, reflecting further paydown of consumer credit and relatively slow growth of home mortgage debt. Business debt contracted slightly in the second quarter; the runoff of short-term debt and commercial mortgages that began in late 1990 continued through mid-1992, more than offsetting further sizable increases in corporate bonds. Moreover, net equity issuance remained large in the second quarter at a \$36 billion annual rate. Debt growth of state and local governments picked up further in the second quarter to a 6-1/2 percent annual rate.

The level of domestic nonfinancial debt outstanding was \$11.5 trillion at the end of the period. Debt of nonfederal sectors accounted for \$8.5 trillion of this total, and federal debt was \$2.9 trillion (see table L.2).

This release incorporates annual benchmark and seasonal adjustment revisions to the Flow of Funds Accounts. Most of the data revisions were for the period since 1982, although changes to some series go back much further. New quarterly seasonal factors were computed for 1982 onward. Additional details of the revisions will be included in the Z.1 release.

A. Growth of Domestic Nonfinancial Debt¹ (Percent changes; quarterly data are seasonally adjusted annual rates)

	-----Nonfederal-----					
	Total	U.S. govt.	Total	House- holds	Business	State & local govts.
	(1)	(2)	(3)	(4)	(5)	(6)
1988	9.1	8.0	9.4	11.1	8.3	7.0
1989	8.0	7.0	8.2	9.6	6.9	8.4
1990	6.6	11.0	5.3	7.2	3.3	5.9
1991	4.2	11.1	2.1	4.2	-0.6	4.5
1990-Q1	8.8	10.9	8.2	11.1	5.0	9.1
Q2	6.0	8.8	5.2	6.5	3.8	5.7
Q3	6.2	11.3	4.8	6.3	3.2	4.4
Q4	4.7	11.1	2.8	4.3	1.1	4.1
1991-Q1	4.2	9.1	2.8	4.3	0.9	4.2
Q2	5.0	10.8	3.2	4.9	1.1	4.4
Q3	3.7	11.0	1.4	3.5	-1.6	4.3
Q4	3.7	11.9	1.0	3.8	-2.8	4.7
1992-Q1	5.8	13.3	3.3	5.3	0.8	4.6
-Q2	4.7	12.3	2.2	3.9	-0.9	6.4

1. Changes shown are on an end-of-period basis and thus may differ from month-average data in the Board's H.6 release.

B. Growth of Debt Aggregates: Supplemental Data
(Percent changes; quarterly data are seasonally adjusted annual rates)

	-----Sectors-----					Memo: Private financial assets ¹
	Domestic nonfinancial	Foreign	Financial	All sectors		
1988	9.1	2.7	11.3	9.3		8.4
1989	8.0	4.2	10.6	8.3		7.1
1990	6.6	9.4	8.0	6.9		4.5
1991	4.2	5.1	5.5	4.5		0.7
1990-Q1	8.8	4.5	9.8	8.9		8.8
Q2	6.0	13.9	7.4	6.4		4.7
Q3	6.2	9.0	1.9	5.5		2.8
Q4	4.6	8.9	12.1	6.2		1.5
1991-Q1	4.2	22.7	4.3	4.6		4.6
Q2	5.0	-21.5	4.0	4.3		1.4
Q3	3.7	5.6	5.6	4.1		-2.4
Q4	3.7	14.5	7.7	4.6		-0.9
1992-Q1	5.8	3.2	4.1	5.4		4.9
Q2	4.7	22.5	8.1	5.7		-0.3

1. Holdings of deposits and credit market claims by households, nonfinancial business, and state and local governments.

Explanatory Notes

Domestic debt includes credit market funds borrowed from both domestic and foreign sources, while foreign debt represents amounts borrowed by foreign financial and nonfinancial entities in U.S. markets only. Financial sectors consist of U.S. government-sponsored credit agencies, federally related mortgage pools, and private financial institutions. Credit market debt consists of debt securities, mortgages, bank loans, commercial paper, consumer credit, government loans, and other loans included in table L.2; it excludes trade debt, loans for the purpose of carrying securities, and funds raised from equity sources.

Growth rates in the summaries above are calculated by dividing seasonally adjusted flows from table F.2 by seasonally adjusted levels at the end of the previous period. Seasonally adjusted quarterly levels in Flow of Funds statistics are derived by carrying forward year-end levels by seasonally adjusted flows. Growth rates calculated from changes in unadjusted levels printed in table L.2 can differ from those shown above.

Subscriptions to this summary release, to the full statements for sectors and transaction types for flows and amounts outstanding (the Z.1 release), or the diskettes may be obtained through Publications Services, Stop 138, Board of Governors of the Federal Reserve System, Washington, D.C. 20551, (202) 452-3245. This release is also available on the Economic Bulletin Board of the Department of Commerce.

INTRODUCTION OF COMPUTER DISKETTES

Beginning with this release, the Flow of Funds Accounts are being made available on two 3-1/2" diskettes. The diskettes contain quarterly data beginning in 1959 organized in files that correspond to the tables published in the Z.1 release. One diskette contains the flows and the other diskette contains the outstandings. In addition, the outstandings diskette contains files with the monthly debt aggregate data published in the Board's H.6 release and its underlying detail.

L.2-L.4 Credit Market Debt

PERIOD-END LEVELS

PERIOD-END LEVELS

				1990		1991			1992				
1986	1987	1988	1989	IV	I	II	III	IV	I	II			
L.2 Credit Market Debt Owed by Nonfinancial Sectors													
1	7816.8	8549.2	9316.3	10087.1	10760.8	10832.3	10960.5	11082.5	11210.7	11331.7	11459.8	Total domestic	1
2	1805.9	1949.8	2104.9	2251.2	2498.1	2548.8	2591.9	2687.2	2776.4	2859.7	2923.3	U.S. government	2
3	1802.2	1944.6	2082.3	2227.0	2465.8	2522.4	2567.1	2669.6	2757.8	2844.0	2907.4	Treasury issues	3
4	3.6	5.2	22.6	24.2	32.4	26.4	24.8	17.6	18.6	15.8	15.9	Agency issues & mortgages	4
5	6010.9	6599.4	7211.4	7835.9	8262.6	8283.5	8368.6	8395.3	8434.3	8472.0	8536.5	Private, by transaction	5
6	789.6	873.1	939.4	1004.4	1055.6	1061.5	1072.5	1089.3	1101.4	1110.3	1126.1	Tax-exempt securities	6
7	670.4	749.1	852.2	926.1	973.2	992.3	1016.5	1036.9	1051.8	1070.8	1090.4	Corporate bonds	7
8	2686.4	3023.4	3327.3	3647.5	3907.3	3943.8	3998.9	4012.2	4037.3	4070.8	4099.4	Mortgages	8
9	1793.0	2015.8	2257.5	2515.1	2760.0	2788.9	2836.9	2869.5	2902.1	2943.9	2987.3	Home mortgages	9
10	246.2	270.0	286.7	304.4	305.8	307.3	310.5	303.1	303.8	303.4	295.0	Multifamily resid.	10
11	551.4	648.7	696.4	742.6	757.6	763.7	767.6	756.5	748.2	740.7	733.5	Commercial	11
12	95.8	88.9	86.8	85.3	84.0	83.9	83.8	83.1	83.2	82.9	83.6	Farm	12
13	659.1	692.0	742.1	791.8	809.3	785.3	786.7	785.9	796.7	775.7	775.5	Consumer credit	13
14	662.3	669.5	710.6	760.7	758.0	748.3	742.0	734.1	724.6	712.5	708.1	Bank loans n.e.c.	14
15	62.9	73.8	85.7	107.1	116.9	120.8	119.4	107.0	98.5	110.3	111.7	Commercial paper	15
16	480.2	518.5	554.1	598.4	642.6	631.5	632.6	629.8	624.1	621.6	625.3	Other	16
17	6010.9	6599.4	7211.4	7835.9	8262.6	8283.5	8368.6	8395.3	8434.3	8472.0	8536.5	Private, by sector	17
18	2584.0	2861.3	3177.3	3508.2	3780.6	3788.3	3848.3	3888.7	3938.6	3958.8	4010.8	Households	18
19	2806.3	3034.6	3281.6	3512.0	3618.0	3625.2	3641.8	3615.3	3593.2	3603.2	3602.3	Nonfinancial business	19
20	156.6	145.5	137.6	139.2	140.5	136.8	139.6	140.4	138.8	136.3	140.2	Farm	20
21	999.7	1061.2	1127.1	1177.5	1204.2	1207.1	1210.8	1191.0	1180.6	1174.4	1159.0	Nonfarm noncorporate	21
22	1650.0	1827.8	2016.9	2195.3	2273.4	2281.2	2291.4	2283.9	2273.8	2292.5	2303.1	Corporate	22
23	620.6	703.6	752.5	815.7	864.0	870.1	878.5	891.4	902.5	910.0	923.4	State & local governments	23
24	232.1	238.3	244.6	254.8	278.6	291.3	277.6	282.2	292.7	282.3	300.6	Foreign credit market debt	24
25	68.8	76.2	83.1	88.0	109.4	112.1	114.8	118.6	124.2	125.4	128.5	held in U.S.	25
26	26.9	23.3	21.5	21.4	18.5	20.5	19.7	20.0	21.6	22.0	27.3	Bonds	26
27	37.4	41.2	49.9	63.0	75.3	87.0	74.0	78.0	81.8	70.5	77.5	Bank loans n.e.c.	27
28	99.0	97.6	90.1	82.4	75.4	71.6	69.1	65.6	65.2	64.4	67.3	Commercial paper	28
29	8048.9	8787.5	9560.9	10341.9	11039.4	11123.6	11238.2	11364.7	11503.4	11614.0	11760.4	U.S. govt. & other loans	29
29	8048.9	8787.5	9560.9	10341.9	11039.4	11123.6	11238.2	11364.7	11503.4	11614.0	11760.4	Total domestic and foreign	29
L.3 Credit Market Debt Owed by Financial Sectors													
1	1603.8	1871.0	2082.9	2333.0	2524.2	2546.3	2571.1	2608.2	2667.8	2686.9	2739.7	Total, by transaction	1
2	810.3	978.6	1098.4	1249.3	1418.4	1452.1	1482.8	1524.4	1566.2	1592.9	1641.6	U.S. government-related	2
3	273.0	303.2	348.1	373.3	393.7	397.0	389.6	394.7	402.9	405.7	417.8	Sponsored credit ag. sec.	3
4	531.6	670.4	745.3	871.0	1019.9	1050.3	1088.4	1124.8	1158.5	1182.4	1219.0	Mortgage pool securities	4
5	5.7	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.8	4.8	4.8	Loans from U.S. government	5
6	793.4	892.4	984.6	1083.7	1105.8	1094.1	1088.4	1083.9	1101.6	1093.9	1098.1	Private financial sectors	6
7	358.8	398.3	415.1	491.9	528.2	545.4	562.3	569.5	590.2	578.4	583.3	Corporate bonds	7
8	2.7	3.1	3.4	3.4	4.2	4.3	4.2	4.4	4.8	5.0	5.1	Mortgages	8
9	38.6	35.0	35.6	37.5	38.6	36.5	37.0	39.0	41.8	41.3	43.7	Bank loans n.e.c.	9
10	284.6	322.9	377.7	409.1	417.7	400.9	390.1	387.0	385.7	392.9	389.2	Open-market paper	10
11	108.6	133.1	152.8	141.8	117.1	107.0	94.7	83.9	79.1	76.3	76.9	Fed. Home Loan Bank loans	11
12	1603.8	1871.0	2082.9	2333.0	2524.2	2546.3	2571.1	2608.2	2667.8	2686.9	2739.7	Total, by sector	12
13	278.7	308.2	353.1	378.3	398.5	401.8	394.4	399.5	407.7	410.5	422.6	Sponsored credit agencies	13
14	531.6	670.4	745.3	871.0	1019.9	1050.3	1088.4	1124.8	1158.5	1182.4	1219.0	Mortgage pools	14
15	793.4	892.4	984.6	1083.7	1105.8	1094.1	1088.4	1083.9	1101.6	1093.9	1098.1	Private financial sectors	15
16	75.6	81.8	78.8	77.4	76.3	68.1	65.9	64.6	63.0	60.8	61.3	Commercial banks	16
17	116.8	131.1	136.2	142.5	114.8	114.4	113.3	110.6	112.3	115.0	112.4	Domestic affiliates (BHCs)	17
18	119.8	139.4	159.3	145.2	115.3	104.2	91.0	79.0	75.9	71.2	70.7	Savings and loan assns.	18
19	8.6	16.7	18.6	17.2	16.7	16.4	16.6	15.2	13.2	13.5	13.9	Mutual savings banks	19
20	402.1	413.0	444.6	504.2	539.8	539.6	540.4	543.7	557.9	547.1	541.8	Finance companies	20
21	6.5	7.3	11.4	10.1	10.6	10.8	10.8	11.0	11.4	12.7	13.5	REITs	21
22	64.0	103.1	135.7	187.1	232.3	240.6	250.3	259.9	268.0	273.6	284.4	SCO issuers	22
L.4 Credit Market Debt, All Sectors, by Transaction													
1	9652.7	10658.5	11643.9	12674.9	13563.6	13669.9	13809.3	13973.0	14171.2	14300.9	14500.1	Total	1
2	2610.4	2923.4	3198.3	3495.6	3911.7	3996.1	4069.8	4206.7	4337.7	4447.8	4560.1	U.S. government securities	2
3	789.6	873.1	939.4	1004.4	1055.6	1061.5	1072.5	1089.3	1101.4	1110.3	1126.1	Tax-exempt securities	3
4	1098.0	1223.6	1350.4	1506.0	1610.7	1649.9	1693.5	1725.0	1766.2	1774.6	1802.2	Corporate and foreign bonds	4
5	2689.2	3026.5	3330.7	3650.9	3911.5	3948.1	4003.1	4016.7	4042.1	4075.8	4104.4	Mortgages	5
6	659.1	692.0	742.1	791.8	809.3	785.3	786.7	785.9	796.7	775.7	775.5	Consumer credit	6
7	727.8	727.8	767.7	819.6	815.1	805.3	798.7	793.2	788.0	775.8	779.1	Bank loans n.e.c.	7
8	384.9	437.9	513.4	579.2	609.9	608.8	583.6	572.0	565.9	573.7	578.4	Open-market paper	8
9	693.6	754.1	801.9	827.5	839.9	814.9	801.4	784.2	773.2	767.1	774.3	Other loans	9

Memo:

												Selected claims not included above:			
10	141.1	115.3	118.3	133.9		137.4	132.5	137.5	158.1	188.9	195.1	183.3	Security credit		10
11	699.3	754.7	838.4	903.9		938.0	914.1	920.2	946.3	951.6	950.3	960.3	Trade credit		11
12	413.5	460.1	478.3	566.2		602.1	661.6	683.7	744.2	812.4	859.3	936.7	Mutual fund shares		12
13	2947.1	2864.9	3141.6	3819.7		3506.6	4047.2	4104.7	4338.5	4630.0	4502.5	4565.8	Corporate equities		13

BILLIONS OF DOLLARS.

F.2-F.5 Funds Raised in Credit and Equity Markets

ANNUAL FLOWS

ANNUAL FLOWS

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	
F.2 Credit Market Borrowing by Nonfinancial Sectors													
1 Total domestic	337.1	384.9	406.2	553.3	765.4	903.1	893.8	721.2	775.8	740.8	665.0	452.5	1
2 U.S. government	77.4	85.5	161.3	185.2	197.2	225.7	216.0	143.9	155.1	146.4	246.9	278.2	2
3 Treasury issues	77.9	85.9	162.2	185.3	197.4	225.8	215.6	142.4	137.7	144.7	238.7	292.0	3
4 Agency issues & mortgages	-6	-5	-9	-1	-2	-1	0.4	1.5	17.4	1.6	8.2	-13.8	4
5 Private, by transaction	259.7	299.4	244.9	368.1	568.2	677.4	677.9	577.3	620.7	594.4	418.2	174.3	5
6 Tax-exempt securities	23.9	32.9	53.1	54.4	58.7	178.6	45.7	83.5	53.7	65.0	51.2	45.8	6
7 Corporate bonds	27.7	22.8	18.7	16.0	46.1	74.2	127.1	78.8	103.1	73.8	47.1	78.6	7
8 Mortgages	134.7	113.2	93.2	193.4	229.9	250.3	350.3	325.0	317.3	303.0	244.0	130.0	8
9 Home mortgages	97.2	76.4	58.5	125.9	143.8	164.8	252.6	235.3	241.8	245.3	219.4	142.2	9
10 Multifamily resid.	7.6	4.8	5.4	14.1	25.2	29.8	33.5	24.4	16.7	16.4	3.7	-2.0	10
11 Commercial	19.2	22.2	25.2	51.0	62.2	62.2	73.6	71.6	60.8	42.7	21.0	-9.4	11
12 Farm	10.7	9.7	4.1	2.4	-1.2	-6.6	-9.5	-6.4	-2.1	-1.5	-1	-8	12
13 Consumer credit	2.6	16.9	16.4	48.9	81.7	82.3	57.5	32.9	50.1	41.7	17.5	-12.5	13
14 Bank loans n.e.c.	36.8	50.5	53.9	25.0	67.9	40.6	63.6	9.9	41.0	40.2	4.4	-33.4	14
15 Commercial paper	4.0	14.7	-6.1	-8	21.7	14.6	-9.3	1.6	11.9	21.4	9.7	-18.4	15
16 Other loans	30.0	48.5	15.8	31.3	62.2	36.9	43.0	45.7	43.6	49.3	44.2	-15.8	16
17 Private, by sector	259.7	299.4	244.9	368.1	568.2	677.4	677.9	577.3	620.7	594.4	418.2	174.3	17
18 Households	111.2	111.1	85.9	185.7	232.7	284.9	319.4	296.4	318.6	305.6	254.2	158.0	18
19 Nonfinancial business	137.7	172.0	128.6	147.8	299.8	258.5	299.3	197.8	253.1	225.6	115.6	-22.3	19
20 Farm	15.8	16.3	6.7	3.9	-4	-14.5	-16.3	-10.6	-7.5	1.6	2.5	0.9	20
21 Nonfarm noncorporate	55.8	44.4	69.8	83.9	123.2	130.0	100.7	65.3	61.8	50.4	26.7	-23.6	21
22 Corporate	66.2	111.3	52.1	60.1	177.0	143.0	214.8	143.1	198.8	173.6	86.4	0.4	22
23 State&local governments	10.9	16.3	30.4	34.6	35.7	134.0	59.2	83.0	48.9	63.2	48.3	38.5	23
24 Fgn. borrowing in U.S.	24.2	23.5	16.0	17.3	8.4	1.2	9.7	6.2	6.4	10.2	23.9	14.1	24
25 Bonds	1.2	5.5	6.6	3.1	3.8	3.8	3.1	7.4	6.9	4.9	21.4	14.9	25
26 Bank loans n.e.c.	11.8	3.0	-5.5	3.6	-6.6	-2.8	-1.0	-3.6	-1.8	-1	-2.9	3.1	26
27 Commercial paper	2.4	3.9	1.9	6.5	6.2	6.2	11.5	3.8	8.7	13.1	12.3	6.4	27
28 U.S. govt. & other loans	8.8	11.1	13.0	4.1	5.0	-6.0	-3.9	-1.4	-7.5	-7.6	-6.9	-10.2	28
29 Total domestic plus foreign	361.3	408.4	422.2	570.7	773.7	904.3	903.5	727.4	782.2	750.9	688.9	466.6	29
F.3 Credit Market Borrowing by Financial Sectors													
1 Total, by transaction	74.7	107.9	96.9	107.3	162.3	189.3	324.1	259.0	211.4	220.1	187.1	139.2	1
2 U.S. government-related	44.8	47.4	64.9	67.8	74.9	101.5	178.1	171.8	119.8	151.0	167.4	147.7	2
3 Sponsored credit ag. sec.	24.4	30.5	14.9	1.4	30.4	20.6	15.2	30.2	44.9	25.2	17.1	9.2	3
4 Mortgage pool securities	19.2	15.0	49.5	66.4	44.4	79.9	163.3	142.3	74.9	125.8	150.3	138.6	4
5 Loans from U.S. government	1.2	1.9	0.4	-	-	1.1	-4	-8	-	-	-1	-	5
6 Private financial sectors	29.9	60.5	32.0	39.5	87.4	87.8	146.0	87.2	91.7	69.1	19.7	-8.6	6
7 Corporate bonds	10.8	10.3	19.7	25.4	45.6	38.5	97.6	39.1	16.2	46.8	34.4	57.7	7
8 Mortgages	*	*	0.1	*	0.4	0.1	0.1	0.4	0.3	*	0.3	0.6	8
9 Bank loans n.e.c.	-9	1.3	1.4	-2	1.8	2.9	4.3	-3.6	0.6	1.9	1.2	3.2	9
10 Open-market paper	12.9	32.7	9.9	21.3	24.0	32.0	24.2	26.9	54.8	31.3	8.6	-32.0	10
11 Fed. Home Loan Bank loans	7.1	16.2	0.8	-7.0	15.7	14.2	19.8	24.4	19.7	-11.0	-24.7	-38.0	11
12 Total, by sector	74.7	107.9	96.9	107.3	162.3	189.3	324.1	259.0	211.4	220.1	187.1	139.2	12
13 Sponsored credit agencies	25.6	32.4	15.3	1.4	30.4	21.7	14.9	29.5	44.9	25.2	17.0	9.1	13
14 Mortgage pools	19.2	15.0	49.5	66.4	44.4	79.9	163.3	142.3	74.9	125.8	150.3	138.6	14
15 Private financial sectors	29.9	60.5	32.0	39.5	87.4	87.8	146.0	87.2	91.7	69.1	19.7	-8.6	15
16 Commercial banks	8.3	11.6	11.7	5.0	7.3	-4.9	-3.6	6.2	-3.0	-1.4	-1.1	-13.3	16
17 Domestic affiliates (BHCs)	6.7	10.8	7.1	13.3	16.1	16.6	10.7	14.3	5.2	6.2	-27.7	-2.5	17
18 Savings and loan assns.	6.8	15.6	1.7	-6.2	17.2	17.3	20.9	19.6	19.9	-14.1	-29.9	-39.5	18
19 Mutual savings banks	0.7	0.4	-6	-4	1.2	1.5	4.2	8.1	1.9	-1.4	-5	-3.5	19
20 Finance companies	8.0	22.4	11.6	24.4	35.8	45.8	74.1	-5	31.5	59.7	35.6	14.5	20
21 REITs	-6	-3	-1	-3	0.6	-1	0.9	0.4	3.6	-1.9	-1.9	*	21
22 SCO issuers	-	-	0.6	3.6	9.3	11.5	39.0	39.1	32.5	22.0	45.2	35.6	22
F.4 Credit Market Borrowing, All Sectors, by Transactions													
1 Total	435.9	516.3	519.0	677.9	936.0	1093.6	1227.6	986.4	993.6	971.0	876.0	605.8	1
2 U.S. government securities	121.0	131.1	225.9	253.1	272.2	326.2	394.5	316.4	274.9	297.3	414.4	426.0	2
3 Tax-exempt securities	23.9	32.9	53.1	54.4	58.7	178.6	45.7	83.5	53.7	65.0	51.2	45.8	3
4 Corporate & foreign bonds	39.6	38.6	45.0	44.4	95.4	116.5	227.8	125.2	126.3	125.5	102.9	151.2	4
5 Mortgages	134.6	113.1	93.2	193.4	230.2	250.3	350.3	325.4	317.5	303.0	244.3	130.6	5
6 Consumer credit	2.6	16.9	16.4	48.9	81.7	82.3	57.5	32.9	50.1	41.7	17.5	-12.5	6
7 Bank loans n.e.c.	47.7	54.7	49.8	28.4	63.0	40.7	66.8	2.7	39.9	41.9	2.8	-27.1	7
8 Open-market paper	19.3	51.3	5.7	26.9	51.9	52.8	26.4	32.3	75.4	65.9	30.7	-44.0	8
9 Other loans	47.1	77.7	30.0	28.4	82.9	46.2	58.6	68.0	55.8	30.6	12.4	-64.2	9
F.5 Funds Raised Through Mutual Funds and Corporate Equities													
1 Total net issues	18.4	-6.2	17.3	56.6	-42.6	21.5	88.5	7.1	-118.4	-65.7	22.1	198.8	1
2 Mutual funds	3.5	4.4	9.4	29.3	27.3	88.7	160.9	70.2	6.1	38.5	67.9	150.5	2
3 Corporate equities	14.9	-10.6	7.9	27.3	-69.8	-67.2	-72.4	-63.2	-124.5	-104.2	-45.8	48.3	3
4 Nonfinancial corporations	10.4	-13.5	1.9	20.0	-79.0	-84.5	-85.0	-75.5	-129.5	-124.2	-63.0	18.3	4
5 Financial corporations	2.1	2.7	4.7	3.6	8.2	13.6	11.5	14.5	4.1	2.7	9.8	-1	5
6 Foreign shares purchased in U.S.	2.4	0.2	1.4	3.7	0.9	3.7	1.2	-2.1	0.9	17.2	7.4	30.2	6

BILLIONS OF DOLLARS

F.2-F.5 Funds Raised in Credit and Equity Markets

SEASONALLY ADJUSTED ANNUAL RATES

SEASONALLY ADJUSTED ANNUAL RATES

	1989				1990				1991				1992					
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II		
F.2 Credit Market Borrowing by Nonfinancial Sectors																		
1	746.6	749.7	883.5	619.0	653.9	503.9	455.4	544.4	404.5	405.7	648.2	534.9	Total domestic				1	
2	136.2	167.8	244.8	203.8	268.2	270.8	227.4	276.7	288.4	320.4	368.9	351.9	U.S. government				2	
3	129.1	172.4	215.2	198.4	269.5	271.8	251.4	282.9	317.2	316.6	380.1	351.5	Treasury issues				3	
4	7.1	-4.6	29.6	5.4	-1.3	-1.0	-24.0	-6.2	-28.8	3.8	-11.2	0.4	Agency issues & mortgages				4	
5	610.3	581.9	638.7	415.2	385.7	233.0	228.0	267.7	116.1	85.3	279.3	183.0	Private, by transaction				5	
6	75.4	80.6	70.3	54.7	39.2	40.6	35.6	48.5	53.5	45.5	47.0	68.0	Tax-exempt securities				6	
7	63.3	88.2	27.5	65.8	29.8	65.2	76.7	96.5	81.7	59.7	76.1	78.1	Corporate bonds				7	
8	335.4	288.8	389.1	200.4	214.5	172.1	183.7	186.0	45.6	104.8	170.5	77.7	Mortgages				8	
9	289.5	249.2	333.1	188.5	193.8	162.3	153.0	158.1	122.4	135.1	203.4	137.0	Home mortgages				9	
10	11.6	13.0	1.2	-7.1	16.6	3.9	6.2	12.9	-29.7	2.7	-1.6	-33.5	Multifamily resid.				10	
11	36.1	30.5	55.4	18.6	2.8	7.2	24.5	15.6	-44.5	-33.1	-30.2	-28.5	Commercial				11	
12	-1.9	-3.9	-7	0.4	1.3	-1.3	-1	-7	-2.5	*	-1.1	2.7	Farm				12	
13	46.2	50.3	40.8	21.4	14.4	-6.6	-10.4	-7.8	-24.0	-8.0	3.1	-13.5	Consumer credit				13	
14	50.4	25.6	-7.6	22.8	10.9	-8.4	-15.0	-34.5	-18.2	-66.1	-26.9	-27.0	Bank loans n.e.c.				14	
15	22.6	0.1	48.2	-4	25.3	-34.1	-14.3	-15.9	-36.3	-7.0	12.6	-3.4	Commercial paper				15	
16	16.9	48.3	70.4	50.4	51.6	4.3	-28.3	-5.2	13.7	-43.6	-3.2	3.1	Other loans				16	
17	610.3	581.9	638.7	415.2	385.7	233.0	228.0	267.7	116.1	85.3	279.3	183.0	Private, by sector				17	
18	354.6	338.5	390.0	234.6	232.5	159.8	160.8	188.8	136.1	146.3	208.8	155.4	Households				18	
19	184.2	174.4	174.8	133.2	116.0	38.6	31.1	40.3	-57.6	-103.0	29.4	-30.8	Nonfinancial business				19	
20	-4.7	4.9	5.8	-3.6	8.2	-3	3.9	2.1	-3	-2.2	-1.6	7.0	Farm				20	
21	37.7	36.1	45.1	25.4	28.3	7.9	13.2	9.8	-65.9	-51.5	-22.7	-67.6	Nonfarm noncorporate				21	
22	151.2	133.5	123.9	111.4	79.4	31.0	14.0	28.4	8.6	-49.3	53.7	29.8	Corporate				22	
23	71.6	68.9	73.9	47.4	37.3	34.7	36.0	38.6	37.6	41.9	41.1	58.4	State&local governments				23	
24	23.3	17.4	11.5	35.8	23.9	24.2	63.1	-63.2	15.6	41.0	9.5	64.5	Fgn. borrowing in U.S.				24	
25	6.3	1.1	34.2	19.6	2.0	29.6	11.1	10.6	15.5	22.3	4.7	12.6	Bonds				25	
26	4.2	-4.8	-9.7	1.3	2.0	-5.2	8.1	-3.5	1.4	6.5	1.4	21.2	Bank loans n.e.c.				26	
27	19.1	22.1	-14.9	23.1	25.6	15.6	46.7	-51.9	16.0	14.9	-7.8	27.7	Commercial paper				27	
28	-6.2	-9	1.9	-8.2	-5.6	-15.8	-2.8	-18.3	-17.2	-2.7	11.2	2.9	U.S. govt. & other loans				28	
29	769.9	767.1	895.0	654.8	677.8	528.1	518.5	481.3	420.1	446.7	657.7	599.3	Total domestic plus foreign				29	
F.3 Credit Market Borrowing by Financial Sectors																		
1	214.8	203.1	228.6	176.9	46.1	296.8	108.9	103.1	144.3	200.5	108.7	217.5	Total, by transaction				1	
2	124.7	169.7	168.5	172.5	140.1	188.3	154.6	127.4	156.3	152.7	126.8	199.5	U.S. government-related				2	
3	5.8	11.6	6.1	11.6	13.7	37.1	13.1	-29.7	20.6	32.6	11.5	48.3	Sponsored credit ag. sec.				3	
4	119.0	158.1	162.4	160.9	126.4	151.6	141.5	157.1	135.8	120.1	115.3	151.2	Mortgage pool securities				4	
5	-	-	-	-	-	-5	-	-	-	-1	-	-	Loans from U.S. government				5	
6	90.1	33.4	60.0	4.4	-94.0	108.6	-45.7	-24.3	-12.0	47.8	-18.0	18.1	Private financial sectors				6	
7	128.3	47.9	76.6	66.7	-104.2	98.6	41.4	72.6	29.3	87.5	-24.2	25.0	Corporate bonds				7	
8	0.3	-4	0.1	0.2	0.1	0.6	0.2	-2	0.9	1.5	0.9	0.2	Mortgages				8	
9	2.6	2.8	-1.1	2.1	2.3	1.4	1.0	-2.9	10.2	4.5	7.2	4.9	Bank loans n.e.c.				9	
10	-4.3	34.4	13.5	-38.3	34.5	24.7	-52.5	-46.0	-16.7	-12.7	7.6	-17.6	Open-market paper				10	
11	-36.8	-51.3	-29.0	-26.3	-26.8	-16.7	-35.8	-47.7	-35.7	-33.0	-9.5	5.7	Fed. Home Loan Bank loans				11	
12	214.8	203.1	228.6	176.9	46.1	296.8	108.9	103.1	144.3	200.5	108.7	217.5	Total, by sector				12	
13	5.8	11.6	6.1	11.6	13.7	37.1	13.1	-29.7	20.6	32.6	11.5	48.3	Sponsored credit agencies				13	
14	119.0	158.1	162.4	160.9	126.4	151.6	141.5	157.1	135.8	120.1	115.3	151.2	Mortgage pools				14	
15	90.1	33.4	60.0	4.4	-94.0	108.6	-45.7	-24.3	-12.0	47.8	-18.0	18.1	Private financial sectors				15	
16	3.5	-5.1	-3.1	-9.6	-6.3	14.7	-18.4	-11.7	-9.2	-14.1	7.2	-6	Commercial banks				16	
17	16.1	-4.5	-9.6	-29.7	-41.2	-30.2	-9.3	-3.5	-6.8	9.6	2.7	-9.2	Domestic affiliates (BHCs)				17	
18	-42.2	-55.9	-28.3	-42.2	-28.3	-20.7	-42.9	-48.7	-41.1	-25.1	-20.3	4.2	Savings and loan assns.				18	
19	-1.0	-1.5	-4.6	3.3	-2.2	1.4	2.0	-1.7	-5.5	-8.7	4.3	-1.2	Mutual savings banks				19	
20	110.7	59.0	78.8	28.9	-47.2	81.9	-10.3	3.4	12.2	52.9	-39.0	-20.9	Finance companies				20	
21	-3.1	-1	-4.0	-2.7	-1.4	0.3	0.1	-8	*	0.8	4.6	2.4	REITs				21	
22	6.1	41.5	30.9	56.2	32.6	61.3	33.2	38.7	38.5	32.3	22.4	43.3	SCO issuers				22	
F.4 Credit Market Borrowing, All Sectors, by Transactions																		
1	984.7	970.2	1123.6	831.7	723.9	824.9	627.4	584.4	564.4	647.1	766.4	816.9	Total				1	
2	261.0	337.5	413.3	376.3	408.3	459.6	382.0	404.1	444.8	473.2	495.7	551.4	U.S. government securities				2	
3	75.4	80.6	70.3	54.7	39.2	40.6	35.6	48.5	53.5	45.5	47.0	68.0	Tax-exempt securities				3	
4	197.9	137.2	138.4	152.1	-72.5	193.4	129.2	179.7	126.4	169.5	56.6	115.7	Corporate & foreign bonds				4	
5	335.7	288.4	389.2	200.6	214.6	172.8	183.9	185.8	46.5	106.2	171.4	77.9	Mortgages				5	
6	46.2	50.3	40.8	21.4	14.4	-6.6	-10.4	-7.8	-24.0	-8.0	3.1	-13.5	Consumer credit				6	
7	57.2	23.6	-18.4	26.3	15.3	-12.2	-5.9	-40.9	-6.7	-55.1	-18.2	-9	Bank loans n.e.c.				7	
8	37.4	56.6	46.7	-15.6	85.4	6.1	-20.2	-113.8	-37.0	-4.9	12.4	6.7	Open-market paper				8	
9	-26.1	-3.9	43.2	15.9	19.2	-28.8	-66.9	-71.2	-39.1	-79.3	-1.5	11.6	Other loans				9	
F.5 Funds Raised Through Mutual Funds and Corporate Equities																		
1	-60.3	12.8	4.4	57.1	-1.1	28.2	112.4	178.9	235.2	268.9	271.8	283.6	Total net issues				1	
2	55.4	69.6	56.9	77.2	52.5	85.2	98.1	125.6	182.5	195.9	189.8	223.3	Mutual funds				2	
3	-115.6	-56.8	-52.5	-20.1	-53.6	-57.0	14.3	53.3	52.7	72.9	82.0	60.3	Corporate equities				3	
4	-146.3	-79.3	-69.0	-48.0	-74.0	-61.0	-6.0	12.0	19.0	48.0	46.0	36.0	Nonfinancial corporations				4	
5	0.4	5.6	16.4	3.3	18.2	1.2	-6.7	4.7	-4	2.0	6.0	2.9	Financial corporations				5	
6	30.3	16.9	0.1	24.5	2.2	2.8	27.0	36.6	34.1	22.9	30.0	21.4	Foreign shares purchased in U.S.				6	

BILLIONS OF DOLLARS.

Households

SEASONALLY ADJUSTED ANNUAL RATES

SEASONALLY ADJUSTED ANNUAL RATES

Memoranda:

Net physical investment:

49	205.6	190.7	172.2	185.4	174.8	163.9	168.1	176.1	180.5	181.6	189.0	(A) Residential construction expenditures	49
50	92.1	93.2	97.5	93.7	94.5	96.4	97.1	97.3	99.2	98.9	99.9	= Capital consumption	50
51	113.5	97.5	74.6	91.8	80.2	67.5	71.0	78.8	81.3	82.7	89.1	= Net investment	51
52	238.5	212.9	137.1	187.4	156.4	147.8	153.0	117.3	130.1	196.0	129.5	= Home mortgages	52
53	-125.0	-115.4	-62.4	-95.6	-76.2	-80.3	-82.1	-38.5	-48.8	-113.2	-40.4	= Excess net investment	53
54	459.4	464.3	446.1	463.0	452.7	439.5	441.4	453.0	450.4	469.4	470.6	(B) Consumer durables expenditures	54
55	350.1	379.2	404.5	381.5	386.0	399.5	402.5	404.9	410.8	413.6	417.8	= Capital consumption	55
56	109.3	85.1	41.6	81.5	66.7	40.0	38.9	48.1	39.6	55.8	52.8	= Net investment	56
57	41.7	17.5	-12.5	14.4	-6.6	-10.4	-7.8	-24.0	-8.0	3.1	-13.5	= Consumer credit	57
58	67.6	67.6	54.2	67.1	73.3	50.3	46.6	72.1	47.6	52.7	66.4	= Excess net investment	58

BILLIONS OF DOLLARS.

F.104 Nonfarm Nonfinancial Corporate Business

SEASONALLY ADJUSTED ANNUAL RATES				SEASONALLY ADJUSTED ANNUAL RATES											
1989	1990	1991		1990	1991	1992									
				III	IV	I	II	III	IV	I	II				
1	232.4	232.1	206.2	244.8	224.9	201.7	204.0	210.2	208.8	226.6	253.9	Profits before tax (book)	1		
2	99.1	92.3	80.7	97.5	89.7	78.4	79.9	82.9	81.7	89.8	100.4	- Profit tax accruals	2		
3	101.2	117.8	116.5	117.2	123.7	118.2	114.7	113.1	120.1	106.3	112.6	- Dividends	3		
4	32.2	22.0	8.9	30.0	11.5	5.0	9.4	14.2	7.0	30.5	40.9	= U.S. undistributed profits	4		
5	37.4	27.0	17.8	23.9	19.9	14.6	14.6	18.5	23.3	32.4	35.8	+ Capital consumption adj.	5		
6	315.1	327.0	338.5	328.4	332.3	336.0	338.2	338.7	341.0	339.8	344.4	+ Depreciation charges, NIPA	6		
7	384.6	376.0	365.1	382.4	363.7	355.6	362.2	371.4	371.3	402.7	421.1	= U.S. internal funds, book	7		
8	32.8	45.7	48.3	42.1	60.2	55.2	46.8	40.4	50.8	41.8	36.6	+ Fgn. earnings ret. abroad	8		
9	-17.5	-14.2	3.1	-32.6	-21.2	6.7	9.9	-4.8	0.7	-5.4	-15.5	+ Inv. valuation adjustment	9		
10	399.9	407.5	416.5	391.9	402.7	417.5	418.9	407.0	422.8	439.1	442.2	= Total internal funds + IVA	10		
11	379.9	378.5	400.4	405.2	353.3	397.0	378.5	408.7	417.4	412.5	413.0	Gross investment	11		
12	406.0	395.1	363.9	401.8	362.2	353.5	351.3	371.5	379.2	354.1	390.9	Capital expenditures (1)	12		
13	373.4	388.5	370.9	394.1	385.9	377.3	373.9	369.6	362.8	364.6	382.7	Fixed investment	13		
14	1.6	1.4	1.1	1.4	1.3	1.2	1.1	1.1	1.1	1.4	1.4	Residential construction	14		
15	371.7	387.1	369.8	392.7	384.6	376.1	372.8	368.5	361.7	363.2	381.2	Plant and equipment	15		
16	30.3	3.1	-9.8	5.2	-27.9	-26.1	-25.7	-1.1	13.8	-12.6	6.1	Inventory change + IVA	16		
17	2.4	3.5	2.8	2.5	4.2	2.3	3.0	3.1	2.7	2.1	2.1	Mineral rts. from U.S. govt.	17		
18	-26.1	-16.6	36.6	3.4	-8.9	43.6	27.2	37.2	38.2	58.3	22.2	Net financial investment	18		
19	106.2	87.3	64.0	123.0	-1.5	-7.8	85.8	119.5	58.5	152.7	149.7	Net acq. of financial assets	19		
20	5.7	17.6	44.3	25.2	50.9	17.4	49.9	61.4	48.6	68.3	42.9	Liquid assets	20		
21	-3.8	-1.9	10.4	-23.5	-2.9	9.7	-25.2	18.9	38.3	19.6	5.0	Checkable dep. and curr.	21		
22	-2.2	-4.1	3.7	6.5	-10.5	5.7	17.6	4.6	-13.0	-19.9	-1.9	Time deposits	22		
23	0.5	10.2	5.2	12.3	9.2	6.8	5.0	4.3	4.7	4.7	4.5	Money mkt. fund shares	23		
24	-4.1	-1.9	-3.8	-6	-1.3	-6.4	1.5	-2.1	-8.1	7.4	3.4	Security RPs	24		
25	4.4	12.0	6.9	15.4	37.2	1.4	18.9	15.1	-7.9	42.1	30.5	Foreign deposits	25		
26	6.0	3.9	20.5	4.1	2.4	-2.0	23.4	29.0	31.7	11.3	2.7	U.S. govt. securities	26		
27	-6	-2.0	1.8	4.6	-9	-5.1	-2.3	8.7	6.0	0.4	6.0	Tax-exempt securities	27		
28	5.4	1.5	-4	6.4	17.7	7.2	11.0	-17.0	-3.0	2.7	-7.3	Commercial paper	28		
29	2.1	3.2	-8	10.5	-5.9	-7.0	-3.1	11.5	-4.6	-3.2	-2.9	Consumer credit	29		
30	-1.6	-1.3	2.7	2.7	-2.9	-2.2	6.5	4.6	2.1	1.2	1.8	Mutual fund shares	30		
31	44.5	11.3	-11.6	44.6	-63.0	-53.1	-5	8.7	-1.4	32.0	50.8	Trade credit	31		
32	55.5	56.5	29.3	39.9	19.3	37.2	32.9	33.3	13.8	54.5	57.1	Miscellaneous assets	32		
33	21.0	27.7	26.7	60.3	-2.0	37.3	10.9	26.8	31.7	52.2	47.1	Foreign dir. invest. (2)	33		
34	14.6	14.3	14.1	13.2	15.5	13.8	13.3	15.2	14.0	14.0	13.8	Insurance receivables	34		
35	*	*	0.5	*	*	2.0	*	-	-	0.1	0.1	Equity in sponsored ags.	35		
36	19.9	14.5	-11.9	-33.6	5.9	-15.9	8.8	-8.7	-31.9	-11.9	-3.9	Other	36		
37	132.3	103.9	27.5	119.6	7.4	-51.3	58.6	82.3	20.3	94.4	127.5	Net increase in liabilities	37		
38	49.4	23.4	18.7	5.4	-30.0	8.0	40.4	27.6	-1.3	99.7	65.8	Net funds raised in mkt.	38		
39	-124.2	-63.0	18.3	-74.0	-61.0	-6.0	12.0	19.0	48.0	46.0	36.0	Net new equity issues	39		
40	173.6	86.4	0.4	79.4	31.0	14.0	28.4	8.6	-49.3	53.7	29.8	Debt instruments	40		
41	-9	-3	-1.2	-1.0	0.5	-1.2	2.7	-1.0	-5.2	-3.2	-1.4	Tax-exempt debt (3)	41		
42	73.8	47.1	78.6	29.8	65.2	76.7	96.5	81.7	59.7	76.1	78.1	Corporate bonds (2)	42		
43	17.0	4.8	-8.4	-3.7	1.6	2.3	1.8	-22.1	-15.4	-15.3	-12.5	Mortgages	43		
44	34.2	1.8	-24.9	-9.9	-6	-6.0	-43.3	-8.7	-41.4	-8.2	-30.0	Bank loans n.e.c.	44		
45	21.4	9.7	-18.4	25.3	-34.1	-14.3	-15.9	-36.3	-7.0	12.6	-3.4	Commercial paper	45		
46	28.0	23.3	-25.5	38.9	-1.6	-43.5	-13.5	-4.9	-39.9	-8.4	-1.1	Other loans	46		
47	-1.1	-4.0	-3.5	-3.9	-5.2	-3.7	-3.7	-4.7	-2.0	-3.5	-2.8	Savings loan assns.	47		
48	13.1	11.6	-4	15.7	-5	-2.3	2.4	8.9	-10.8	0.1	-1.8	Finance companies	48		
49	-4	-8	-8	0.4	-4.0	-6	-1.2	-8	-6	-2	-2	U.S. government	49		
50	3.2	-6.6	-5.9	-4.5	-2.2	-19.3	3.4	-8	-6.7	-12.7	-3.1	Accept.liab.to banks	50		
51	12.8	21.4	-16.5	29.9	5.2	-17.7	-16.1	-10.2	-22.1	9.1	4.0	Foreign	51		
52	0.3	1.7	1.7	1.4	5.1	0.1	1.7	2.6	2.3	-1.2	2.9	SCO issuers	52		
53	-3.1	-1.0	-10.0	6.9	-3.5	-35.8	-9.8	10.4	-4.8	-4.2	2.1	Taxes payable	53		
54	30.5	40.3	10.7	71.8	-11.5	-40.1	26.1	29.6	27.4	24.0	37.6	Trade debt	54		
55	55.4	41.1	8.0	35.5	52.5	16.6	1.9	14.8	-1.1	-25.1	22.0	Miscellaneous liabilities	55		
56	51.9	40.7	3.6	37.8	47.3	-2.4	4.1	9.3	3.7	-24.2	20.3	Fgn. dir. invest. in US	56		
57	3.5	0.4	4.4	-2.3	5.3	19.0	-2.2	5.5	-4.8	-9	1.7	Pen. fund contr. payable	57		
58	20.0	29.0	16.1	-13.4	49.4	20.5	40.3	-1.7	5.4	26.6	29.2	Discrepancy	58		
59	13.9	-29.0	-22.3	-27.1	-51.5	-13.0	-26.6	-20.9	-28.9	8.0	13.2	Trade credit net of trade debt	59		
60	26.7	20.0	18.2	22.5	13.1	19.6	19.5	21.5	12.0	27.0	24.3	Earnings rec. from abroad	60		
61	101.5%	96.9%	87.3%	102.5%	89.9%	84.6%	83.8%	91.2%	89.6%	80.6%	88.3%	Capital outlays/internal funds	61		
62	42.7%	21.8%	0.1%	19.7%	8.5%	3.9%	8.0%	2.3%	-12.9%	15.1%	7.6%	Cr. mkt. borrowing/cap. exp.	62		
63	30.3	3.1	-9.8	5.2	-27.9	-26.1	-25.7	-1.1	13.8	-12.6	6.1	(1) Capital outlays on book basis:	63		
64	-17.5	-14.2	3.1	-32.6	-21.2	6.7	9.9	-4.8	0.7	-5.4	-15.5	Less: Inv. val. adjustment	64		
65	47.8	17.3	-12.9	37.8	-6.7	-32.8	-35.6	3.7	13.1	-7.2	21.6	= Inventory change before IVA	65		
66	423.5	409.3	360.8	434.4	383.4	346.8	341.4	376.3	378.5	359.5	406.4	Total cap. expend. before IVA	66		
67	384.6	376.0	365.1	382.4	363.7	355.6	362.2	371.4	371.3	402.7	421.1	Less: US internal funds, book	67		
68	38.9	33.3	-4.4	52.1	19.7	-8.8	-20.8	4.9	7.2	-43.1	-14.7	= Financing gap: Excess of capital expenditures over U.S. internal funds	68		

(2) Corporate bonds include net issues by Netherlands Antillean financial subsidiaries; U.S. direct investment abroad excludes net inflows from those bond issues.

(3) Industrial revenue bonds. Issued by state and local governments to finance private investment and secured in interest and principal by the industrial user of the funds.

BILLIONS OF DOLLARS.