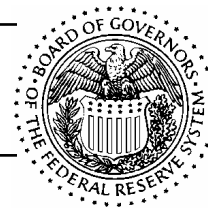


*For use at 12:00 p.m., eastern time  
Thursday  
June 9, 2005*

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**FEDERAL RESERVE statistical release**

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*Z.1*

# *Flow of Funds Accounts of the United States*

*Flows and Outstandings  
First Quarter 2005*



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## Flow of Funds Summary Statistics

### First Quarter 2005

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Domestic nonfinancial debt rose at a seasonally adjusted annual rate of 10 percent in the first quarter of 2005. Debt growth in the first quarter was above the fourth-quarter pace, reflecting faster growth of federal government and state and local government debt. On a seasonally adjusted basis, federal government debt increased at an annual rate of 13-3/4 percent in the first quarter, the fastest quarterly pace in almost two years. Meanwhile, state and local government debt expanded at an annual rate of 16-1/4 percent in the first quarter, as a significant volume of municipal bonds were issued for advance refunding of existing debt.

In the first quarter, household debt rose at a seasonally adjusted annual rate of 9-1/4 percent, about the same as in the previous quarter. Mortgage debt expanded at an annual rate of 10-1/2 percent in the first

quarter, while consumer credit increased at a 4-1/2 percent pace.

In the first quarter, nonfinancial business debt increased at an annual rate of 7-1/2 percent, similar to the fourth-quarter pace. The mix of business borrowing shifted somewhat in the first quarter, as net issuance of corporate bonds and net borrowing from banks decreased from the fourth-quarter pace, while net issuance of commercial paper, mortgage borrowing, and borrowing from other intermediaries increased.

At the end of the first quarter of 2005, the seasonally adjusted level of domestic nonfinancial debt outstanding was about \$24.8 trillion. Debt of the nonfederal sectors was a little more than \$20.2 trillion and federal debt held by the public was just over \$4.5 trillion.

#### Growth of Domestic Nonfinancial Debt<sup>1</sup>

Percentage changes; quarterly data are seasonally adjusted annual rates

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	Total	Federal	Nonfederal			
			Total	Households	Business	State and local govts.
1995	5.3	4.1	5.7	7.1	7.2	-5.5
1996	5.2	4.0	5.7	6.8	6.2	-1.5
1997	5.3	0.6	7.0	6.0	9.0	4.0
1998	6.8	-1.4	9.5	7.8	12.3	6.3
1999	6.4	-1.9	8.9	8.3	10.7	3.4
2000	4.8	-8.0	8.3	8.7	9.4	1.3
2001	6.2	-0.2	7.6	8.8	6.1	8.9
2002	6.9	7.6	6.7	9.6	2.7	11.1
2003	8.1	10.9	7.5	10.1	4.3	8.2
2004	8.6	9.0	8.5	11.2	5.5	7.4
2004: Q1	9.3	12.0	8.7	11.8	4.6	10.3
Q2	7.7	10.7	7.0	10.3	3.7	3.4
Q3	8.2	4.8	8.9	11.4	5.7	9.4
Q4	8.2	7.2	8.4	9.4	7.7	5.6
2005: Q1	10.0	13.8	9.1	9.3	7.4	16.2

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1. Changes shown are on an end-of-period basis.



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## Flow of Funds Accounts, First Quarter 2005

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This publication presents the flow of funds accounts for 2005:Q1.

**Data revisions and other changes.** The statistics in the attached tables reflect the use of new or revised source data. Most significant revisions appear in recent quarters; however, new source information resulted in changes to data for earlier periods.

1. Assets of the nonfarm nonfinancial corporate business sector (tables F.102 and L.102) were revised from 2002:Q1 onward to reflect final data from the Internal Revenue Service (IRS) *Statistics of Income* (SOI) for 2002 and advance data for 2003.

2. For the nonfarm nonfinancial corporate business sector (table F.102) a portion of foreign earnings retained abroad (line 6) has been reallocated to financial corporations. Gross saving for U.S.-chartered commercial banks (table F.110), life insurance companies (table F.117), other insurance companies (table F.118), finance companies (table F.128), and brokers and dealers (table F.131) now includes a portion of the foreign earnings retained abroad previously allocated to the nonfarm nonfinancial corporate business sector.

3. In the state and local governments sector (tables F.105 and L.105), all categories of financial assets have been revised since 2002:Q3, reflecting new benchmark data on total financial assets from the Census Bureau.

4. In the issuers of asset-backed securities sector (tables F.127 and L.127), trade receivables have been revised from 1995:Q3 forward, reflecting new data on the collateral of asset-backed commercial paper.

5. Consumer credit held by nonfinancial corporate businesses and total consumer credit (tables F.222 and L.222) have been revised from 1997:Q4 forward owing primarily to re-estimation of seasonal factors.

**Explanatory notes for tables D.1, D.2, and D.3.** Domestic debt comprises credit market funds borrowed by U.S. entities 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 government-sponsored enterprises, agency- and GSE-backed mortgage pools, and private financial

institutions. Credit market debt consists of debt securities, mortgages, bank loans, commercial paper, consumer credit, U.S. government loans, and other loans and advances; it excludes trade debt, loans for the purpose of carrying securities, and funds raised from equity sources.

Growth rates in table D.1 are calculated by dividing seasonally adjusted flows from table D.2 by seasonally adjusted levels at the end of the previous period from table D.3. Seasonally adjusted 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 in table D.1.

**Relation of Flows to Outstandings.** Estimates of financial assets and liabilities outstanding are linked to data on flows. However, figures on outstandings contain discontinuities or breaks in series that could affect analysis of particular relationships over time specifically, outstanding in the flow of funds accounts are related to the flows in the following way:

$$\text{Outstanding}_t = \text{Outstanding}_{t-1} + \text{Flow}_t + \text{Discontinuity}_t$$

where "t" is the time period.

Discontinuities result from changes in valuation, breaks in source data, and changes in definitions. For most series, the value of the discontinuity is zero for nearly all time periods. However, in a few instances, the discontinuity is nonzero for almost all time periods, or is quite large in a particular quarter, such as a period when there is a sharp increase or decrease in equity prices or a major break in source data.

The discontinuities in a series can distort estimated rates of growth in assets and liabilities between periods. In order to minimize these distortions, percentage changes in assets and liabilities in flow of funds releases should be calculated as:

$$\text{Percentage change}_t = (\text{Flow}_t / \text{Outstanding}_{t-1}) * 100$$

**Preliminary Estimates.** Figures shown for the most recent quarter in these tables are based on preliminary and incomplete information. A summary list of the principal sources of information available when the latest quarter's data were compiled is provided in a table following this introduction. The distinction between "available" data and "missing" data is not between final

and preliminary versions of data, but rather between those source estimates that are fully ready when the latest quarterly publication is compiled and those that are not yet completed. However, the items that are shown as available are, in general, also preliminary in the sense that they are subject to revision by source agencies.

**Margins of Uncertainty.** Flow of funds statistics are subject to uncertainties resulting from measurement errors in source data, incompatibilities among data from different sources, potential revisions in both financial and nonfinancial series, and incomplete data in parts of the accounts. The size of these uncertainties cannot be quantified in precise statistical terms, but allowance for them is explicitly made throughout the accounts by the inclusion of “discrepancies” for various sectors and instrument types. A discrepancy for a sector is the difference between its measured sources of funds and its measured uses of funds. For an instrument category, a discrepancy is the difference between measured funds borrowed through the financial instrument and measured funds lent through that instrument. The size of such discrepancies relative to the main asset or liability components is one indication of the quality of source data, especially on an annual basis. For quarterly data, differences in seasonal adjustment procedures for financial and nonfinancial components of the accounts sometimes result in discrepancies that cancel in annual data.

**Availability of Data.** Flow of funds statistics are updated about ten weeks following the end of a quarter. This publication — the Z.1 release — is available from the Board’s Publications Services. Flow of funds data are also available electronically through the Internet at the following location:

<http://www.federalreserve.gov/releases/Z1>

The Internet site also provides quarterly data beginning in 1952, organized in compressed files that correspond to the tables published in this release. There are files for quarterly data for seasonally adjusted flows, unadjusted flows, outstandings, balance sheets, and debt (tables D.1, D.2, and D.3).

A *Guide to the Flow of Funds Accounts* is available. The 1,200-page *Guide*, published in two volumes in January 2000, explains in detail how the U.S. financial accounts are prepared and the principles underlying the accounts. The *Guide* can be purchased for \$20.00 from the Board’s Publications Services. Publications Services accepts orders accompanied by checks as well as credit card orders.

The Internet site for this release at the location shown above contains a link to an order form for the *Guide* that can be mailed or faxed to Publications Services. In addition, the Internet site includes a link to the *Guide*’s descriptions of the tables in the flow of funds accounts.

**Subscription Information.** The Federal Reserve Board charges for subscriptions to all statistical releases. Inquiries for releases should be directed to:

Publications Services, Stop 127  
Board of Governors  
of the Federal Reserve System  
20th Street and Constitution Avenue, N.W.  
Washington, DC 20551  
(202) 452-3244

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## Availability of Data for Latest Quarter

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	<u>Available at time of publication</u>	<u>Major items missing</u>
1. National income and product accounts (NIPA)	Preliminary estimates, seasonally adjusted, for 2005:Q1.	Unadjusted flows since 2003 and some profit-related items.
2. Households and nonprofit organizations sector (tables F.100 and L.100)	Estimates for this sector are largely residuals and are derived from data for other sectors. Availability of data depends on schedules for other sectors. Data for consumer credit, which are estimated directly, are available through 2005:Q1. The source for nonprofit organizations data (tables F.100.a and L.100.a) is the Internal Revenue Service <i>Statistics of Income</i> . Data for nonprofit organizations are available for 1987 through 2000.	
3. Nonfarm nonfinancial corporate business (tables F.102 and L.102)	<i>Quarterly Financial Report</i> (QFR) of the Census Bureau through 2004:Q4; Internal Revenue Service <i>Statistics of Income</i> (IRS/SOI) preliminary data through 2003; securities offerings, mortgages, bank loans, commercial paper, and other loans through 2005:Q1.	<i>Statistics of Income</i> data since 2003.
4. Nonfarm noncorporate business (tables F.103 and L.103)	IRS/SOI data through 2002; bank and finance company loans and mortgage borrowing through 2005:Q1.	<i>Statistics of Income</i> data since 2002.
5. Farm business (tables F.104 and L.104)	Mortgages, bank loans, loans from government-sponsored enterprises, U.S. government loans to farms, and equity in government-sponsored enterprises through 2005:Q1; preliminary data for checkable deposits and currency and trade payables through 2003.	Consumption of fixed capital and undistributed profits since 2001.
6. State and local governments (tables F.105 and L.105)	Gross offerings and retirements of municipal securities, deposits at banks, and nonmarketable U.S. government security issues through 2005:Q1; selected financial assets through 2003:Q2 from Census data and the comprehensive annual financial reports of state and local governments.	Selected financial asset items since 2003:Q2.
7. Federal government (tables F.106 and L.106)	Data from the <i>Monthly Treasury Statement of Receipts and Outlays</i> through 2005:Q1; Treasury data for loan programs through 2005:Q1.	None.

8. Rest of the world (U.S. international transactions) (tables F.107 and L.107)	Balance of payments data through 2004:Q4; NIPA estimates; data from bank Reports of Condition and Treasury International Capital System through 2005:Q1.	Balance of payments data for 2005:Q1.
9. Monetary authority (tables F.108 and L.108)	All data through 2005:Q1.	None.
10. Commercial banking (tables F.109 through F.113 and tables L.109 through L.113)	All data through 2005:Q1 for U.S.-chartered commercial banks, foreign banking offices in the U.S., bank holding companies, and commercial banks in U.S.-affiliated areas.	Data since 2003 for branches of domestic commercial banks located in U.S.-affiliated areas.
11. Savings institutions (tables F.114 and L.114)	All data through 2005:Q1.	None.
12. Credit unions (tables F.115 and L.115)	All data through 2005:Q1.	None.
13. Bank personal trusts and estates (tables F.116 and L.116)	All data through 2004:Q4; total assets for 2005:Q1.	Asset detail for 2005:Q1.
14. Life insurance companies (tables F.117 and L.117)	All data through 2004:Q3; preliminary data for 2004:Q4.	Final data since 2004:Q3.
15. Other insurance companies (tables F.118 and L.118)	All data through 2004:Q3; preliminary data for 2004:Q4.	Final data since 2004:Q3.
16. Private pension funds (tables F.119 and L.119)	Quarterly data through 2005:Q1; Internal Revenue Service/Department of Labor/Pension Benefit Guaranty Corporation Form 5500 data through 2000.	Form 5500 data since 2000.
17. State and local government employee retirement funds (tables F.120 and L.120)	All data through 2004:Q3.	Data since 2004:Q3.
18. Federal government retirement funds (tables F.121 and L.121)	Data from the Monthly Treasury Statement, the Thrift Savings Plan, and the National Railroad Retirement Investment Trust through 2005:Q1.	None.
19. Money market mutual funds (tables F.122 and L.122)	All data through 2005:Q1.	None.
20. Mutual funds (tables F.123 and L.123)	All data through 2005:Q1.	None.

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21. Closed-end funds (tables F.124 and L.124)	All data through 2005:Q1.	None.
22. Exchange-traded funds (tables F.124 and L.124)	All data through 2005:Q1.	None.
23. Government-sponsored enterprises (tables F.125 and L.125)	Data for FHLBs, Farmer Mac, FCS, FICO and REFCORP through 2005:Q1.	Data after 2004:Q4 for Freddie Mac; data after 2004:Q2 for Fannie Mae.
24. Agency- and GSE-backed mortgage pools (tables F.126 and L.126)	All data through 2005:Q1.	None.
25. Issuers of asset-backed securities (ABSs) (tables F.127 and L.127)	All data for private mortgage pools, consumer credit, business loans, student loans, consumer leases, and trade credit securitization through 2005:Q1.	None.
26. Finance companies (tables F.128 and L.128)	All data through 2005:Q1.	None.
27. Mortgage companies (tables F.129 and L.129)	Mortgage data through 1997:Q4.	Data after 1997:Q4.
28. Real estate investment trusts (REITs) (tables F.130 and L.130)	Data from SNL REIT DataSource through 2005:Q1.	None.
29. Security brokers and dealers (tables F.131 and L.131)	Data for firms filing FOCUS and FOGS reports through 2005:Q1.	None.
30. Funding corporations (tables F.132 and L.132)	Estimates for this sector are largely residuals and are derived from data for other sectors.	