## 2002

# Mutual Fund Fact Book 

42nd Edition

A guide to trends and statistics in the mutual fund industry

## SIGNIFICANT EVENTS IN MUTUAL FUND HISTORY

|  | 1924 | The first mutual funds are established in <br> Boston. |
| :--- | :--- | :--- |
| The Securities Act of 1933 regulates the <br> registration and offering of new securities, <br> including mutual fund shares, to the public. | 1933 | 1934 |
| The Securities Exchange Act of 1934 authorizes <br> the U.S. Securities and Exchange Commission <br> (SEC) to provide for fair and equitable securities <br> markets. |  |  |
| The Revenue Act of 1936 establishes the tax <br> treatment of mutual funds and their <br> shareholders. | $\mathbf{1 9 3 6}$ | $\mathbf{1 9 4 0}$ |
| The Investment Company Act of 1940 is <br> signed into law, setting the structure and <br> regulatory framework for the modern mutual <br> fund industry. The forerunner to the National <br> Association of Investment Companies (NAIC) is <br> formed. The NAIC will later become the <br> Investment Company Institute (ICI). |  |  |
| The NAIC begins collecting investment <br> company industry statistics. | $\mathbf{1 9 4 4}$ | $\mathbf{1 9 5 1}$ | | The total number of mutual funds surpasses |
| :--- |
| 100, and the number of shareholders exceeds |
| 1 million for the first time. |

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A guide to trends
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## Forty-Second Edition

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## About ICI

The Investment Company Institute (ICI) is the national association of the investment company industry. Its mission is to advance the interests of investment companies (mutual funds, closed-end funds, unit investment trusts, and exchange-traded funds) and their shareholders, to promote public understanding of investment companies, and to serve the public interest by encouraging adherence to high ethical standards by all elements of the business. As the only association of U.S. investment companies without regard to distribution method or affiliation, the Institute is dedicated to the interests of the entire investment company industry and all of its shareholders. The Institute represents members and their shareholders before legislative and regulatory bodies at both the federal and state levels, spearheads investor awareness initiatives, disseminates industry information to the public and the media, provides economic policy and other policy research, and seeks to maintain high industry standards.

The association was originally formed by industry leaders who supported the enactment of the Investment Company Act of 1940, legislation that provided the strong regulatory structure that has been responsible for much of the industry's success. Established in New York in 1940 as the National Committee of Investment Companies, the association was renamed the National Association of Investment Companies in 1941 and the Investment Company Institute in 1961. The Institute was relocated to Washington, DC in 1970.

For more information on the Institute, its members, and how mutual funds operate, visit www.ici.org.

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# Organization and Features of Mutual Funds 

A mutual fund is a type of investment company that gathers assets from investors and collectively invests those assets in stocks, bonds, or money market instruments. Through the collective investments of the mutual fund, each investor shares in the returns from the fund's portfolio while benefiting from professional investment management, diversification, liquidity, and other services.

## How a Mutual Fund Is Organized

A mutual fund is organized either as a corporation or a business trust. Individuals and institutions invest in a mutual fund by purchasing shares issued by the fund. It is through these sales of shares that a mutual fund raises the cash used to invest in its portfolio of stocks, bonds, and other securities.

A mutual fund is typically externally managed: it is not an operating company with employees in the traditional sense. Instead, a fund relies upon third parties, either affiliated organizations or independent contractors, to carry out its business activities, such as investing in securities. The diagram on page 4 shows the principal service providers to a mutual fund and its shareholders.

## Shareholders

Like shareholders of other companies, mutual fund shareholders have specific voting rights. These include the right to elect directors at meetings called for that purpose (subject to a limited exception for filling vacancies). Shareholders must also approve material changes in the terms of a fund's contract with its investment adviser, the entity which manages the fund's assets. Furthermore, funds seeking to change investment objectives or policies deemed fundamental must seek shareholder approval.

Shareholders are provided comprehensive information about the fund to help them make informed investment decisions. A mutual fund's prospectus describes the fund's goals, fees and expenses, investment strategies and risks, as well as information on how to buy and sell shares. The U.S. Securities and Exchange Commission (SEC) requires a fund to provide a full prospectus either before an investment or together with the confirmation statement of an initial investment. In addition, periodic shareholder reports, prepared at least every six months by funds, discuss the recent performance and include other important information, such as the fund's financial statements. By examining these reports, an investor can learn if a fund has been effective in meeting the goals and investment strategies described in the fund's prospectus.

## Directors

A board of directors, elected by the fund's shareholders to govern the fund, is responsible for overseeing the management of fund business affairs. Because mutual fund directors are, in essence, looking out for shareholders' money, the law holds them to a very high standard.

Directors must exercise the care that a reasonably prudent person would take with his or her own business. They are expected to exercise sound business judgment, establish procedures, and undertake oversight and review of the performance of the investment adviser and others that perform services for the fund. As part of this fiduciary duty, a director is expected to obtain adequate information about items that come before the board in order to exercise his or her "business judgment," a legal concept that involves a good-faith effort by the director.

Independent Directors. Mutual funds are the only companies in America required by law to include independent directors, individuals that cannot have any significant relationship with the fund's adviser or underwriter so that they can provide an independent check on the fund's operations. Furthermore, effective January 2002, SEC rule changes require that a majority of most funds' boards of directors be independent.

Independent directors serve as watchdogs for the shareholders' interests and oversee a fund's investment adviser and others closely affiliated with the fund. This system of overseeing the interests of mutual fund shareholders has helped the industry avoid systemic problems and contributed significantly to public confidence in mutual funds.

## Investment Advisers

An investment adviser manages the money accumulated in a mutual fund. The investment adviser invests the fund's assets on behalf of shareholders in accordance with a fund's objectives as described in a fund's prospectus.

Diversification. Fund managers invest in a variety of securities, providing fund shareholders with investment diversification. A diversified portfolio helps reduce risk by offsetting losses from some securities with gains in others. Mutual funds provide an economical way for the average investor to obtain the same kind of professional money management and diversification of investments that is available to large institutions and wealthy investors.

Investment advisers who oversee "actively managed" fund portfolios base their investment decisions on extensive knowledge and research of market conditions and the financial performance of individual companies and specific securities in the effort to meet or beat average market returns. As economic conditions change, the fund investment adviser may adjust the mix of its investments to adopt a more aggressive or a more defensive posture in meeting its investment objectives. Investment managers who oversee "passively managed" funds, typically try to track a market index - such as the S\&P 500 - by buying and holding all, or a large representative sample, of the securities in the index.

A fund investment adviser is subject to numerous standards and legal restrictions, especially regarding transactions between itself and the fund it advises. A written contract between a mutual fund and its investment adviser specifies the services the adviser performs. Most advisory contracts provide that the adviser receive an annual fee based on a percentage of the fund's average net assets (see Management Fee on page 15).

## Administrators

Administrative services may be provided to a fund by an affiliate of the fund, such as the investment adviser, or by an unaffiliated third party. Administrative services include overseeing the performance of other companies that provide services to the fund and ensuring that the fund's operations comply with legal requirements. Typically, a fund administrator pays for office costs and personnel, provides general accounting services, and may also prepare and file SEC, tax, shareholder, and other reports.

## The Structure of a Mutual Fund



## Principal Underwriters

Most mutual funds continuously offer new shares to the public at a price based on the current value of fund net assets plus any sales charges (see Liquidity on page 7). Mutual funds usually distribute their shares through principal underwriters. Principal underwriters are regulated as brokerdealers and are subject to National Association of Securities Dealers, Inc. rules governing mutual fund sales practices.

## Custodians

Mutual funds are required by law to protect their portfolio securities by placing them with a custodian. Nearly all mutual funds use qualified bank custodians. The SEC requires mutual fund custodians to segregate mutual fund portfolio securities from other bank assets.

## Transfer Agents

A transfer agent is employed by a mutual fund to maintain records of shareholder accounts, calculate and disburse dividends, and prepare and mail shareholder account statements, federal income tax information, and other shareholder notices. Some transfer agents prepare and mail statements confirming shareholder transactions and account balances, and maintain customer service departments to respond to shareholder inquiries.

## Other Features of Mutual Funds

## Variety

There are four basic types of mutual funds: equity (also called stock), bond, hybrid, and money market. Equity funds concentrate their investments in stocks. Similarly, bond funds primarily invest in bonds. Hybrid funds typically invest in a combination of stocks, bonds, and other securities. Equity, bond, and hybrid funds are called long-term funds. Money market funds are referred to as short-term funds because they invest in securities that generally mature in about one year or less. Of the total $\$ 6.975$ trillion invested in mutual funds at the end of 2001, $\$ 3.418$ trillion was invested in equity funds, $\$ 925$ billion in bond funds, $\$ 346$ billion in hybrid funds, and $\$ 2.285$ trillion in money market funds.

## Mutual Funds Versus Other Types of Investment Companies

Mutual funds are considered "open-end" investment companies under federal law for two reasons. First, they are required to redeem (or buy back) outstanding shares at any time upon a shareholder's request, and at a price based on the current value of the fund's net assets. Second, although not required, virtually all funds continuously offer new fund shares to the public.

In addition to mutual funds, there are three other types of investment companies regulated under the Investment Company Act of 1940: closedend funds, unit investment trusts, and exchange-traded funds.

A closed-end fund is an investment company that issues a fixed number of shares, which trade on a stock exchange or in the over-the-counter market. Assets of a closed-end fund are professionally managed in accordance with the fund's investment objectives and policies, and may be invested in stocks, bonds, or a combination of both. Like other publicly traded securities, the market price of closed-end fund shares fluctuates and is determined by supply and demand in the marketplace. For statistical information on closed-end funds, see page 100.

A unit investment trust (UIT) is a registered investment company that buys and holds a generally fixed portfolio of stocks, bonds, or other securities. "Units" in the trust are sold to investors, or "unit holders," who receive their proportionate share of dividends or interest paid by the UIT investments. Unlike other investment companies, a UIT has a stated date for termination that varies according to the investments held in its portfolio. At termination, investors receive their proportionate share of the UIT net assets. For statistical information on UITs, see page 101.

An exchange-traded fund (ETF) is an investment company whose shares are traded intraday on stock exchanges at market-determined prices. Those ETFs currently in operation mirror stock indexes. Investors buy or sell ETF shares through a broker just as they would the shares of any publicly traded company. For statistical information on ETFs, see pages 102-103.

At the end of 2001, 8,307 mutual funds were available to investors, offering a wide variety of investment objectives, from conservative to aggressive, and exposure to a wide range of securities. The Investment Company Institute classifies mutual funds in 33 investment objective categories (see pages 8-11).

## Liquidity

Since mutual funds are required by law to redeem shares on a daily basis, fund shares are a very liquid investment. Most mutual funds also continually offer new shares to investors, and many fund companies allow shareholders to transfer money - or make "exchanges"-from one fund to another within the same fund family. Mutual funds process sales, redemptions, and exchanges as a normal part of daily business activity.

The price per share at which shares are redeemed is known as the net asset value (NAV). NAV is the current market value of all the fund's assets, minus liabilities, divided by the total number of outstanding shares (see illustration below).

The price at which a fund's shares may be purchased is its NAV per share plus any applicable front-end sales charge (the offering price of a fund without a sales charge would be the same as its NAV per share).

## How a Mutual Fund Determines Its Share Price

Mutual Fund X owns a portfolio of stocks worth $\$ 6$ million dollars; its liabilities are $\$ 60,000$; its shareholders own 500,000 shares.


Fund share prices appear in the financial pages of most major newspapers. A fund's share price can also be found in its semiannual and annual reports.

## Mutual Fund Investment Objectives

The Investment Company Institute classifies U.S. mutual funds in 33 investment objective categories.

## EQUITY FUNDS

Capital Appreciation Funds seek capital appreciation; dividends are not a primary consideration.

- Aggressive growth funds invest primarily in common stocks of small, growth companies.
- Growth funds invest primarily in common stocks of well-established companies.
- Sector funds invest primarily in companies in related fields.

Total Return Funds seek a combination of current income and capital appreciation.

- Growth-and-income funds invest primarily in common stocks of established companies with the potential for growth and a consistent record of dividend payments.
- Income-equity funds invest primarily in equity securities of companies with a consistent record of dividend payments. They seek income more than capital appreciation.

World Equity Funds invest primarily in stocks of foreign companies.

- Emerging market funds invest primarily in companies based in developing regions of the world.
- Global equity funds invest primarily in equity securities traded worldwide, including those of U.S. companies.
- International equity funds invest primarily in equity securities of companies located outside the United States.
- Regional equity funds invest in companies based in a specific part of the world.


## HYBRID FUNDS

Hybrid Funds may invest in a mix of equities, fixed-income securities, and derivative instruments.

- Asset allocation funds invest in various asset classes including, but not limited to, equities, fixed-income securities, and money market instruments. They seek high total return by maintaining precise weightings in asset classes. Global asset allocation funds invest in a mix of equity and debt securities issued worldwide.
- Balanced funds invest in a mix of equity securities and bonds with the three-part objective of conserving principal, providing income, and achieving long-term growth of both principal and income. These funds maintain target percentages in asset classes.
- Flexible portfolio funds invest in common stocks, bonds, other debt securities, and money market securities to provide high total return. These funds may invest up to 100 percent in any one type of security and may easily change weightings depending upon market conditions.
- Income-mixed funds invest in a variety of income-producing securities, including equities and fixed-income instruments. These funds seek a high level of current income without regard to capital appreciation.


## TAXABLE BOND FUNDS

Corporate Bond Funds seek current income by investing in high-quality debt securities issued by U.S. corporations.

- Corporate bond funds - general invest two-thirds or more of their portfolios in U.S. corporate bonds with no explicit restrictions on average maturity.
- Corporate bond funds-intermediate-term invest two-thirds or more of their portfolios in U.S. corporate bonds with an average maturity of five to 10 years. These funds seek a high level of income with less price volatility than longer-term bond funds.
- Corporate bond funds—short-term invest two-thirds or more of their portfolios in U.S. corporate bonds with an average maturity of one to five years. These funds seek a high level of income with less price volatility than intermediate-term bond funds.

High-Yield Funds invest two-thirds or more of their portfolios in lower-rated U.S. corporate bonds (Baa or lower by Moody's and BBB or lower by Standard and Poor's rating services).

World Bond Funds invest in debt securities offered by foreign companies and governments. They seek the highest level of current income available worldwide.

- Global bond funds - general invest in worldwide debt securities with no stated average maturity or an average maturity of five years or more. These funds may invest up to 25 percent of assets in companies located in the United States.
- Global bond funds—short-term invest in debt securities worldwide with an average maturity of one to five years. These funds may invest up to 25 percent of assets in companies located in the United States.
- Other world bond funds, such as international bond and emerging market debt funds, invest in foreign government and corporate debt instruments. Twothirds of an international bond fund's portfolio must be invested outside the United States. Emerging market debt funds invest primarily in debt from underdeveloped regions of the world.

Government Bond Funds invest in U.S. government bonds of varying maturities. They seek high current income.

- Government bond funds—general invest two-thirds or more of their portfolios in U.S. government securities of no stated average maturity. Securities utilized by investment managers may change with market conditions.
- Government bond funds—intermediate-term invest two-thirds or more of their portfolios in U.S. government securities with an average maturity of five to 10 years. Securities utilized by investment managers may change with market conditions.
- Government bond funds—short-term invest two-thirds or more of their portfolios in U.S. government securities with an average maturity of one to five years. Securities utilized by investment managers may change with market conditions.
- Mortgage-backed funds invest two-thirds or more of their portfolios in pooled mortgage-backed securities.

Strategic Income Funds invest in a combination of U.S. fixed-income securities to provide a high level of current income.

## TAX-FREE BOND FUNDS

State Municipal Bond Funds invest primarily in municipal bonds issued by a particular state. These funds seek high after-tax income for residents of individual states.

- State municipal bond funds-general invest primarily in single-state municipal bonds with an average maturity of greater than five years or no specific stated maturity. The income from these funds is largely exempt from federal as well as state income tax for residents of the state.
- State municipal bond funds-short-term invest primarily in single-state municipal bonds with an average maturity of one to five years. The income of these funds is largely exempt from federal as well as state income tax for residents of the state.
National Municipal Bond Funds invest primarily in the bonds of various municipal issuers in the United States. These funds seek high current income free from federal tax.
- National municipal bond funds-general invest primarily in municipal bonds with an average maturity of more than five years or no specific stated maturity.
- National municipal bond funds-short-term invest primarily in municipal bonds with an average maturity of one to five years.


## MONEY MARKET FUNDS

Taxable Money Market Funds invest in short-term, high-grade money market securities and must have average maturities of 90 days or less. These funds seek the highest level of income consistent with preservation of capital (i.e., maintaining a stable share price).

- Taxable money market funds-government invest primarily in U.S. Treasury obligations and other financial instruments issued or guaranteed by the U.S. government, its agencies, or its instrumentalities.
- Taxable money market funds-nongovernment invest primarily in a variety of money market instruments, including certificates of deposit from large banks, commercial paper, and bankers acceptances.

Tax-Exempt Money Market Funds invest in short-term municipal securities and must have average maturities of 90 days or less. These funds seek the highest level of income-free from federal and, in some cases, state and local taxes-consistent with preservation of capital.

- National tax-exempt money market funds invest in short-term securities of various U.S. municipal issuers.
- State tax-exempt money market funds invest primarily in short-term securities of municipal issuers in a single state to achieve the highest level of tax-free income for residents of that state.


## The Mutual Fund Pricing Process

Mutual fund pricing is an intensive process that takes place in a short time frame at the end of each business day. Generally, a fund's pricing process begins at the close of the New York Stock Exchange, normally 4:00 pm Eastern time. A mutual fund typically obtains the prices for securities it holds from a pricing service, a company that collects prices on a wide variety of securities. Fund accounting agents internally validate the prices received by subjecting them to various control procedures. In some instances, a fund may use more than one pricing service to ensure accuracy.

The vast majority of mutual funds release their daily share prices through Nasdaq. For a fund's share price to be published in the next day's morning newspapers, it must be delivered by 5:55 pm Eastern time to Nasdaq. As prices are received by Nasdaq, they are instantaneously transmitted to wire services and other subscribers. Wire services transmit the prices to their client newspapers. Besides in newspapers, daily fund prices are available from other sources. Many funds offer toll-free telephone service and Internet access, which provides the fund share prices along with other current information.

The NAV must reflect the current market value of the fund's securities, as long as market quotations for those securities are readily available. Other assets are priced at fair value, determined in good faith by a fund's board of directors. The Investment Company Act of 1940 requires "forward pricing": shareholders purchasing or redeeming shares receive the next computed share price following the fund's receipt of the transaction order.

Any income and expenses (including any fees) must be accrued through the date the share price is calculated. Changes in holdings and in the number of shares must be reflected no later than the first calculation of the share price on the next business day.

Funds typically value exchange-traded securities using the closing prices from the exchange on which the securities are principally traded, even if the exchange closes before the fund's daily pricing time (which occurs with many foreign securities). If a material event that will likely affect the value of a security occurs after the exchange closed and before the fund's share price is determined, it may be necessary to determine the fair value of the security in light of that event.

## Accessibility

Mutual fund shares are available through a variety of sources. Investors outside retirement plans may purchase fund shares either with the help of an investment professional, such as a broker, financial planner, bank representative, or insurance agent, or directly from the fund itself, based on the investor's own research and knowledge. Investment professionals provide services to investors-analyzing the investors' financial needs and objectives and recommending appropriate funds. Investment professionals are compensated for their services, generally through a sales commission or through 12b-1 fees deducted from the fund's assets.

Many mutual funds can be purchased directly from fund companies without the help of an investment professional. When funds are purchased in this manner, investors are required to do their own research to determine which funds meet their needs.

Mutual funds may also be offered as investment selections in $401(\mathrm{k})$ plans and other employee benefit plans. See Chapter 5 for more information on mutual funds and the retirement market.

Mutual Fund Minimum Investment Requirements, 2001
(percent distribution of funds by minimum investment requirement)*


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## Shareholder Services

Mutual funds offer a wide variety of services to shareholders. These services include toll-free telephone service, 24 -hour telephone access to account information and transaction processing, consolidated account statements, shareholder cost basis (tax) information, exchanges between funds, automatic investments, checkwriting privileges on money market and some bond funds, automatic reinvestment of fund dividends, and automatic withdrawals. Mutual funds also provide extensive investor education and other shareholder communications, including newsletters, brochures, retirement and other planning guides, and websites.

## Affordability

Mutual funds offer their many benefits and services at an affordable price. Furthermore, competition within the fund industry helps keep funds affordable, as the results of studies by the SEC and the General Accounting Office show. For more information on the trends in mutual fund costs, see the ICI website at www.ici.org/newsroom/industry_issues_fees.html.

## Mutual Fund Fees and Expenses

Mutual fund shareholders benefit from full disclosure of mutual fund fees and expenses. A fund's fees and expenses are required by law to be clearly disclosed to investors in a standardized fee table at the front of the fund's prospectus. The fee table breaks out the fees and expenses shareholders can expect to pay when purchasing fund shares and allows investors to easily compare the cost of investing in different funds.

## SHAREHOLDER FEES

These fees are charged directly to an investor for a specific transaction, such as a purchase, redemption, or exchange.

- Sales Charge. A sales charge may be attached to the purchase or sale of mutual fund shares. This fee compensates a financial professional for his or her services.
- Redemption Fee. This fee is paid to a fund to cover the costs, other than sales costs, involved with a redemption.
- Exchange Fee. This fee may be charged when an investor transfers money from one fund to another within the same fund family.
- Annual Account Maintenance Fee. This fee may be charged by some funds, for example, to cover the costs of providing service to low-balance accounts.


## ANNUAL FUND OPERATING EXPENSES

These fees and expenses reflect the normal costs of operating a fund. Unlike shareholder fees, these expenses are not charged directly to an investor but are deducted from fund assets before earnings are distributed to shareholders.

- Management Fee. This is a fee charged by a fund's investment adviser for managing the fund's portfolio of securities and providing related services.
- Distribution (12b-1) Fee. This fee, if charged, is deducted from fund assets to pay marketing and advertising expenses or, more commonly, to compensate sales professionals.
- Other Expenses. These expenses include, for example, fees paid to a fund's transfer agent for providing fund shareholder services, such as toll-free phone communications, computerized account services, website services, recordkeeping, printing, and mailing.


## Regulation and Taxation of Mutual Funds

Mutual funds and their principal service providers are regulated by the federal government to protect investors and maintain public confidence in the fund industry.

The U.S. Securities and Exchange Commission (SEC) regulates funds according to the provisions of the Investment Company Act of 1940. Funds must also comply with the Securities Act of 1933 when registering their shares publicly, and must provide notice filings to those states in which they intend to offer their shares. In addition, when fund sponsors sell fund shares to the public they are subject to regulation as broker-dealers under the Securities Exchange Act of 1934. Furthermore, fund investment advisers are generally required to register under the Investment Advisers Act of 1940.

## The Foundation of Fund Regulation: The Investment Company Act of 1940

The Investment Company Act, enacted on August 23, 1940, set the structure and regulatory framework for the modern mutual fund industry. The 1940 Act has stood the test of time because of its wide-ranging provisions, which impose restrictions not only on mutual funds but also fund investment advisers, principal underwriters, directors, officers, and employees. Perhaps equally important, the 1940 Act grants the SEC broad discretionary powers to keep the Act current with the constantly changing financial service industry environment in which mutual funds and other investment companies operate.

## Taxation, Tax Exemption, and Tax Deferral

Unlike most corporations, a mutual fund generally distributes all of its earnings each year and is taxed only on amounts it retains. This specialized "pass-through" tax treatment of mutual fund income and capital gains was established under the Revenue Act of 1936 and endures today under Subchapter M of the Internal Revenue Code of 1986. To qualify for this favorable tax treatment under the Code, mutual funds must meet, among other conditions, various investment diversification standards and pass a test regarding the source of their income.

## Four Principal Securities Laws Govern Mutual Funds

The Investment Company Act of 1940 regulates the structure and operations of mutual funds and other investment companies. Among other things, the 1940 Act requires mutual funds to maintain detailed books and records, safeguard their portfolio securities, and file semiannual reports with the U.S. Securities and Exchange Commission (SEC).

The Securities Act of 1933 requires federal registration of all public offerings of securities, including mutual fund shares. The 1933 Act also requires that all prospective investors receive a current prospectus describing the fund.

The Securities Exchange Act of 1934 regulates broker-dealers, including mutual fund principal underwriters and others who sell mutual fund shares, and requires them to register with the SEC. Among other things, the 1934 Act requires registered broker-dealers to maintain extensive books and records, segregate customer securities in adequate custodial accounts, and file detailed, annual financial reports with the SEC.

The Investment Advisers Act of 1940 requires federal registration of all investment advisers to mutual funds. The Advisers Act contains various antifraud provisions and requires fund advisers to meet recordkeeping, reporting, and other requirements.

Fund investors are ultimately responsible for paying tax on a fund's earnings, whether or not they receive the distributions in cash or reinvest them in additional fund shares. As a result, the fund industry supports legislative efforts that would permit mutual fund shareholders to defer the tax on reinvested long-term capital gains distributions until shares are sold in order to reduce the tax burden on middle-income taxpayers while at the same time encouraging long-term investment in our economy.

## Types of Distributions

Mutual funds make two types of taxable distributions to shareholders every year: ordinary dividends and capital gains. Dividend distributions come primarily from the interest and dividends earned by the securities in a fund's portfolio, after expenses are paid by the fund. These distributions must be reported as dividends on an investor's tax return. Capital gain distributions represent a fund's net gains, if any, from the sale of securities held in its portfolio for more than one year. When gains from these sales exceed losses, they are distributed to shareholders. Beginning in 2001, distributions of capital gains on assets held by the fund for more than five years were eligible for treatment as "qualified five-year gains" - taxable at an 8 percent rate-to those investors otherwise taxed on these gains at a 10 percent rate.

To help mutual fund shareholders understand the impact that taxes can have on the returns generated by their investments, the SEC adopted a rule that beginning in 2002 requires mutual funds to disclose standardized aftertax returns for one-, five-, and 10-year periods. After-tax returns, which accompany before-tax returns in fund prospectuses, are presented in two ways:

- after taxes on fund distributions only (pre-liquidation); and
- after taxes on fund distributions and an assumed redemption of fund shares (post-liquidation).

While understanding the tax consequences of investing in mutual funds is important, the assumptions in the after-tax return calculations do not necessarily reflect the current tax situation of every investor. For example, the new SEC rules require after-tax returns to be calculated using the highest individual federal income tax rate-a rate that applies only to a
very small portion of fund shareholders. In addition, short-term capital gain rates are used in the one-year after-tax return post-liquidation calculation; however, holding shares for one more day would make them eligible for lower long-term capital gain rates.

## Share Sales and Exchanges

An investor who sells mutual fund shares usually incurs a capital gain or loss in the year the shares are sold; an exchange of shares between funds in the same fund family also results in either a capital gain or loss (see TaxDeferred Retirement Accounts on page 21 for exceptions to these rules).

Investors are liable for tax on any capital gain arising from the sale of fund shares, just as they would be if they sold a stock, bond, or any other security. Capital losses from mutual fund share sales and exchanges, like capital losses from other investments, may be used to offset other gains in the current year and thereafter.

The amount of a shareholder's gain or loss on fund shares is determined by the difference between the "cost basis" of the shares (generally, the purchase price for shares, including those acquired with reinvested dividends) and the sale price. Many funds provide cost basis information to shareholders or compute gains and losses for shares sold.

## Tax-Exempt Funds

Tax-exempt bond funds pay dividends earned from municipal bond interest. This income is exempt from federal income tax and, in some cases, state and local taxes as well. Tax-exempt money market funds invest in shortterm municipal securities and also pay exempt-interest dividends.

Even though income from these two types of funds is generally taxexempt, investors must report it on their income tax returns. Tax-exempt mutual funds provide investors with this information in a year-end statement, and they typically explain how to handle tax-exempt dividends on a state-by-state basis. For some taxpayers, portions of income earned by tax-exempt funds may also be subject to the federal alternative minimum tax.

Even though municipal bond dividends and interest may be tax-free, an investor who redeems tax-exempt fund shares may realize a taxable capital gain. An investor may also realize a taxable gain from a tax-exempt fund if the fund manager sells securities during the year for a net gain.

## Tax-Deferred Retirement Accounts

Mutual fund investments in certain retirement accounts are tax-deductible and, generally, dividend and capital gain distributions remaining in the accounts accrue tax-deferred until distributed from the account.

In employer-sponsored $401(\mathrm{k})$ plans, for example, individuals typically contribute pre-tax dollars from their salary to an account in the plan. Similarly, IRA contributions may be tax-deductible, depending upon a person's eligibility to participate in an employer-sponsored retirement plan and their adjusted gross income.

Taxes on mutual fund earnings are deferred when they remain in $401(\mathrm{k})$ plans, IRAs, and other similar tax-deferred accounts, such as 403 (b) accounts. Thus, no tax is incurred as a result of dividend and capital gain distributions, or from the sale of fund shares, until the investor takes distributions from the tax-deferred account.

Distributions are treated as income, which is subject to the investor's federal income tax rate at the time of distribution. (Nondeductible or aftertax contributions to these retirement accounts are not subject to taxation at distribution, and distributions from Roth IRAs also may not be subject to taxation at distribution.)

For most investors, distributions from tax-deferred accounts typically begin at or near retirement age, at which time the individual may be in a lower income tax bracket. Investors who receive proceeds from tax-deferred accounts prior to age $591 / 2$ may incur a tax penalty in addition to federal, state, and local income taxes.

## CHAPTER 3

## U.S. Mutual Fund Developments in 2001

U.S. households and businesses increased their reliance on mutual funds in 2001, and a record $\$ 505$ billion net inflow of cash to funds offset the effects of falling stock prices to keep fund assets near $\$ 7$ trillion for the second straight year.

All four major categories of mutual funds-equity, hybrid, bond, and money market-experienced net inflows in 2001, the first time in three years. Money market funds drew record inflows; bond and hybrid funds flows turned positive for the first year since 1998; and equity fund net new cash-while off previous years' high inflows - remained positive despite prolonged weakness in the stock markets.

Assets of Mutual Funds, 1990-2001
(trillions of dollars)


Note: See page 105 for data points on this chart.

## Components of Mutual Fund Asset Growth,* 1990-2001

(trillions of dollars)

*All total asset figures plotted in this chart represent the cumulative contribution of newly reporting funds, net new cash flow, and fund investment performance from year-end 1989 through the end of each year plotted. Asset levels plotted also include year-end 1989 assets of $\$ 981$ billion.

Note: See page 106 for data points on this chart.

## Household Demand for Mutual Funds

As in prior years, U.S. households remain net buyers of stocks and bonds through mutual funds and net sellers of these securities through other means. In 2001, mutual funds purchased an estimated $\$ 120$ billion of stocks on behalf of U.S. households, while households sold an estimated $\$ 295$ billion of stocks held outside mutual funds. Funds also acquired an estimated $\$ 130$ billion of bonds for households, while households sold an estimated $\$ 132$ billion of bonds held directly or through other means.

Meanwhile, the number of U.S. households owning mutual funds reached 54.8 million as of May 2001, up from 51.7 million in May 2000. As a result, more than half of the estimated 105.5 million U.S. households now own mutual funds, and an estimated 93.3 million individual shareholders in those households invest in funds-up from 89.7 million in May 2000.

Net New Cash Flow to Mutual Funds, 1990-2001
(billions of dollars)

|  |  |  |  |  | Total Mutual |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Equity | Hybrid | Bond | Money Market | Total* | Fund Assets |
| 1990 | $\$ 12.9$ | $\$ 1.5$ | $\$ 6.8$ | $\$ 23.2$ | $\$ 44.4$ | $\$ 1,065.2$ |
| 1991 | 39.9 | 7.1 | 59.2 | 5.5 | 111.7 | $1,393.2$ |
| 1992 | 79.0 | 21.8 | 70.9 | $(16.3)$ | 155.4 | $1,642.5$ |
| 1993 | 127.3 | 44.2 | 70.6 | $(14.1)$ | 227.9 | $2,070.0$ |
| 1994 | 114.5 | 23.1 | $(62.5)$ | 8.8 | 83.9 | $2,155.3$ |
| 1995 | 124.4 | 3.9 | $(6.1)$ | 89.4 | 211.6 | $2,811.3$ |
| 1996 | 216.9 | 12.2 | 2.8 | 89.4 | 321.3 | $3,525.8$ |
| 1997 | 227.1 | 16.5 | 28.4 | 102.1 | 374.1 | $4,468.2$ |
| 1998 | 157.0 | 10.2 | 74.6 | 235.3 | 477.1 | $5,525.2$ |
| 1999 | 187.7 | $(13.8)$ | $(4.1)$ | 193.6 | 363.4 | $6,846.3$ |
| 2000 | 309.4 | $(30.7)$ | $(49.8)$ | 159.6 | 388.5 | $6,964.7$ |
| 2001 | 31.9 | 9.5 | 87.7 | 375.6 | 504.8 | $6,975.0$ |

*Components may not sum to the total due to rounding.

Net Purchases of Stocks and Bonds by Households, 1990-2001
(billions of dollars)


Note: See page 107 for data points on this chart.
Sources: Federal Reserve Board and Investment Company Institute

## Equity Funds

Since most U.S. mutual fund shareholders invest in funds as a means to achieve long-term objectives like planning for retirement and education saving (see The Retirement and Education Savings Markets, on page 45), equity funds continue to compose a large portion of overall fund industry assets-49 percent by year-end 2001. Yet even with households' continued affinity for equity funds, mutual funds still held only about 21 percent of all publicly traded U.S. equity by year-end 2001. Pension funds, insurance companies, and households' direct holdings accounted for the great majority, 79 percent.

Amid the dim economic and market conditions in 2001, equity mutual fund assets fell to $\$ 3.418$ trillion, down from $\$ 3.962$ trillion 12 months earlier. The lower asset figures were entirely the result of the declining value of the stocks held in equity funds. Net new cash flow, while still positive in 2001, declined to $\$ 32$ billion from $\$ 309$ billion in 2000.

Despite the declining value of investors' equity fund portfolios, however, the 2001 share of household equity assets held in mutual funds remains high, at 32 percent, up from 9 percent in 1990.

## Mutual Fund Ownership of U.S. Corporate Equity <br> (percent)



Value of Publicly Held U.S. Equity Outstanding: $\$ 13.9$ trillion December 31, 2001

[^1]Net New Cash Flow to U.S. Equity Funds, Domestic vs. Foreign, 1990-2001
(billions of dollars)


Note: The sum of the net flows to foreign and domestic funds may not equal the totals shown on page 25 because of rounding. Data for funds that invest in other mutual funds were excluded from the series.

## U.S. Domestic Equity Funds

U.S. domestic equity fund shareholder transaction activity the past two years resembled that observed during past bear markets. Monthly sales and redemptions moved lower over the course of 2000 and 2001. Sales declined more than redemptions, leading to weaker net new cash flow. The reaction of domestic equity fund shareholders to September 11 was muted. The pace of outflows had picked up in late summer, and quickened somewhat after September 11.

The persistence of the 2000-01 bear market and the downturn in September 2001 eroded domestic equity fund asset values. At the low point in September, domestic equity fund assets fell to $\$ 2.6$ trillion, down 23 percent from the end of 2000 and off 31 percent from the stock market peak in March 2000. Domestic equity fund assets rose with stock prices through the remainder of 2001 and by the end of December reached $\$ 3.0$ trillion. Net new cash flow slowed to $\$ 54$ billion in 2001, down from $\$ 260$ billion in 2000. The slowdown of net inflow in 2001 was concentrated in funds with growth-oriented objectives.

## U.S. Foreign Equity Funds

Assets in U.S. mutual funds that primarily invest in companies outside the U.S. declined by 21 percent in 2001 to $\$ 429$ billion. These funds experienced outflows totaling $\$ 22$ billion in 2001.

The weaker demand for U.S. foreign equity funds continued a pattern begun in 2000, when foreign equity markets moved lower with U.S. markets and when many foreign currencies declined relative to the U.S. dollar. Falling equity prices abroad and a further depreciation of foreign currencies in 2001 held down the performance of foreign equity funds. The reaction of investors in foreign equity funds to September 11 was muted.

## Bond and Hybrid Funds

Bond funds added $\$ 88$ billion in net new cash in 2001, the highest inflow since 1986. Bond fund assets rose to $\$ 925$ billion at year-end 2001. Hybrid funds posted a net inflow of $\$ 10$ billion, and assets in these funds were relatively unchanged at $\$ 346$ billion.

The stronger demand for bond funds reflected typical shareholder response to declining interest rates. Yields on medium-term U.S. Treasury and other highly rated debt instruments fell during most of the year, and returns on bond funds holding these securities rose, boosting demand for these funds. September 11 events had little effect on investor flows to bond funds. Inflows were strong in the late summer and were concentrated in funds investing in U.S. Treasury and agency debt securities. Flows remained robust in the wake of the attacks and were largely directed toward the same types of bond funds.

Inflows to hybrid funds occurred despite negative returns. Hybrid fund flows, like bond fund flows, are heavily influenced by interest rates. As interest rates declined in 2000 and 2001, outflows from hybrid funds turned to inflows. Hybrid funds experienced outflows in early 2000 following a period of rising interest rates. As rates began to fall in 2000, outflows slowed. Rates continued to decline in 2001 and hybrid funds experienced sustained inflows for the first time since 1998.

Net New Cash Flow to Bond and Hybrid Funds, 1990-2001
(billions of dollars)


## Money Market Funds

Money market fund assets accounted for one-third of all mutual fund assets by year-end 2001, the highest share of industry assets in these funds since 1992. Investors - particularly institutional investors - put a record $\$ 376$ billion in money funds during the year, and money fund assets reached an all-time high of $\$ 2.285$ trillion.

Inflows to retail money funds slowed to $\$ 37$ billion in 2001 from $\$ 43$ billion in 2000, as yields on these funds fell relative to savings deposit rates. However, institutional money funds attracted $\$ 339$ billion for the yearnearly three times more than in 2000 - as open market short-term interest

## Share of U.S. Nonfinancial Business Short-Term Assets* Held Through Money Market Funds, 1990-2001 <br> (percent of total)


*Business short-term assets consist of foreign deposits, checkable deposits, time and savings deposits, money market funds, repurchase agreements, and commercial paper.

Note: See page 108 for data points on this chart.
Sources: Federal Reserve Board and Investment Company Institute
rates were below money market yields intermittently throughout the year. Businesses and other institutional investors responded to the yield advantage on institutional money funds by shifting short-term assets into money market mutual funds.

The movement of short-term assets into mutual funds continues the increasing trend of businesses to turn to money market funds for cash management during the 1990 s. Money fund assets held by businessesexcluding financial services companies - grew at an annual rate of 27 percent between 1990 and 2001, increasing from $\$ 26$ billion to $\$ 350$ billion. As a result of this growth, money funds' share of short-term business assets rose from 6 percent in 1990 to 28 percent in 2001.

The growth in business holdings of money funds is partly due to corporations' preference to outsource cash management to mutual funds rather than holding liquid securities directly. By using money funds, these corporations benefit from economies of scale provided by mutual funds that they would be unable to achieve through internal management of their liquid assets.

Net New Cash Flow to Money Market Funds, Retail vs. Institutional, 1990-2001
(billions of dollars)



Capital Gain Distributions Paid by Mutual Funds, 1996-2001
(billions of dollars)

*Households are defined to exclude mutual fund assets attributed to business corporations, financial institutions, nonprofit organizations, other institutional investors, and fiduciaries.

Note: Components may not sum to total because of rounding.

## Other 2001 Industry Developments

## Capital Gain Distributions Decline

Mutual funds distributed an estimated $\$ 69$ billion in capital gains to shareholders in 2001, the lowest level since 1995 and significantly less than the $\$ 326$ billion distributed in 2000.

The smaller capital gain distributions in 2001 occurred because falling equity prices reduced the unrealized appreciation that many funds built up in the late 1990s. Most gains are paid from equity funds, and unrealized gains in these funds had grown to an estimated $\$ 1.5$ trillion at the end of 1999, or nearly 40 percent of equity fund assets. By September 2001, these gains had been paid out or eliminated by falling stock prices, and unrealized losses in equity funds totaled an estimated $\$ 300$ billion or 10 percent of equity fund assets.

Equity and hybrid funds accounted for 96 percent of the $\$ 69$ billion of the capital gain distributed to shareholders in 2001, and more than threequarters of all capital gain distributions paid to households were estimated to have been paid to tax-deferred accounts, such as IRAs, defined contribution plans, and variable annuities.

## Distribution Channel Sources Shift

With the rising demand for mutual funds in the 1990s, fund companies and distribution companies developed new outlets for selling mutual funds and expanded traditional sales channels. Overall, the estimated share of new long-term fund sales made directly to retail investors decreased from 23 percent in 1990 to 15 percent in 2001. Meanwhile, the new sales of longterm funds made to retail investors through third parties or to institutional investors rose from 77 percent to 85 percent.

Many fund complexes that primarily market directly to investors have turned increasingly to third parties and intermediaries for distribution. (Third-party distribution channels include employer-sponsored pension plans, mutual fund supermarkets, fee-based advisors, mutual fund wrap account programs, and bank trust departments.) For example, in 1990, an estimated 64 percent of new sales of direct-marketed funds were direct sales to retail investors, such as via mail, by telephone or the Internet, or at office locations; by year-end 2001, this share had fallen to 37 percent. Meanwhile, the share of new sales of direct-marketed funds conducted through third-parties or to institutional investors increased from 36 percent to 63 percent.

Share of New Sales of Long-Term Funds by Distribution Channel,
Selected Years


[^2]Number of Mutual Funds, 1990-2001


Likewise, funds that were traditionally sold through a sales force of brokers shifted increasingly to nontraditional sources of sales such as employer-sponsored pension plans, banks, and life insurance companies in the 1990 s. By year-end 2001, the share of new sales of sales-force funds through nontraditional sources rose to 46 percent from 25 percent in 1990.

## New Funds Grow at Reduced Pace and Industry Concentration Reverses

The number of mutual funds grew by just 152 in 2001, the smallest increase since 1981. The slowdown in net fund formation reflects several forces. First, the bear market in stocks during 2000 and 2001 dampened the formation of new equity funds. In addition, fund complexes have been merging and liquidating municipal bond funds since the mid-1990s when inflows to these funds began to slacken from the pace set earlier in the decade.

Fund sponsors that were involved in mergers in the past few years have also streamlined their product offerings and combined funds with overlapping investment objectives. In 2001, there were 373 mergers of mutual funds. Roughly half of these mergers were between two funds of formerly separate sponsors that had been involved in a merger or acquisition in the past decade.

The mergers and acquisitions of recent years have not increased the concentration of industry assets among the largest mutual fund complexes. Indeed, the concentration of assets among the five and 10 largest complexes has declined slightly in the past few years. The five largest sponsors managed one-third of the industry's assets in 2001, down from 35 percent in 1999. Assets managed by the 10 largest firms fell to 46 percent of the industry's assets from 50 percent in 1999 . Some of the drop is explained by the relative performance of different asset classes. The largest firms hold a greater portion of the assets that they manage in equity funds, which have underperformed bond and money market funds for the past two years. Assets of these fund sponsors have shrunk in size relative to those firms having a larger share of their business in fixed-income funds.


## CHAPTER 4

## Mutual Fund Ownership and Shareholder Characteristics

An estimated 93.3 million individuals in 54.8 million U.S. households owned the majority of the mutual fund industry's $\$ 6.975$ trillion in assets at year-end 2001. Individuals held 76 percent of mutual fund assets, while fiduciaries-banks and individuals serving as trustees, guardians, or administrators-and other institutional investors held the remaining 24 percent.

## Mutual Fund Assets by Type of Owner, 1991 and 2001

(percent of total mutual fund assets)
$\square$ Financial, business, and other organizations

- Fiduciaries
- U.S. households¹

${ }^{1}$ Household holdings include mutual funds held in retail accounts as well as through employersponsored pension plans, individual retirement accounts, and variable annuities.
${ }^{2}$ Preliminary data
Note: Total assets of mutual funds were $\$ 1.393$ trillion at year-end 1991 and $\$ 6.975$ trillion at year-end 2001.


## U.S. Household Financial Assets

U.S. households own many financial assets, including mutual funds, stocks, bonds, and bank deposits. In 2001, households made $\$ 478$ billion of net purchases of financial assets, up from $\$ 312$ billion in 2000 . On balance, households were net sellers of directly held stocks and bonds but net buyers of mutual funds.
U.S. households invested $\$ 275$ billion of their total net purchases of financial assets in mutual funds (including reinvested dividends) in 2001. Long-term mutual funds-equity, hybrid, and bond funds-accounted for $\$ 190$ billion and money market funds, $\$ 85$ billion.
U.S. Household Ownership of Mutual Funds, 1980-2001*
(percent of all U.S. households)

*Households owning mutual funds in 1980 and 1984 were estimated from data on the number of accounts held by individual shareholders and the number of funds owned by fund-owning households; data for 1980 through 1992 exclude households owning mutual funds only through employer-sponsored retirement plans; data for 1994 through 2001 include households owning mutual funds only through employer-sponsored retirement plans. The data for 1998 through 2001 include fund ownership through variable annuities.
$R=$ Revised

## U.S. Shareholder Characteristics

In 2001, the typical mutual fund investor was middle-aged, married, and saving for retirement. More specifically, the typical fund investor was 46 years old, with median household income of $\$ 62,100$, median household financial assets of $\$ 100,000$, and household mutual fund assets of $\$ 40,000$.

More than two-thirds of households with mutual fund holdings were headed by individuals in the primary income-earning years from age 35 to 64. Only 19 percent of shareholders were retired from their primary occupations.

## Fund Shareholders Demonstrate a Long-Term Perspective

Most shareholders invest in funds for retirement, are willing to take at least moderate risk for moderate gain, and are not focused on short-term market fluctuations.

More than 80 percent of all mutual fund-owning households participate in employer-sponsored defined contribution retirement plans. Sixty-two percent of fund-owning households own mutual funds in their defined contribution plans, and nearly half view the workplace as their primary purchase channel for mutual funds. Sixty percent have Individual Retirement Accounts.

Nearly nine out of 10 fund households include equity funds among their holdings. On average, equity fund investments represent 65 percent of shareholders' mutual fund portfolios. Seventy-eight percent of mutual fund shareholders are employed full- or part-time. In married households, the spouse also tends to work. Nearly half of all household fund owners made their first mutual fund purchase before 1990, and 39 percent bought their first fund between 1990 and 1997.

Investment decisionmaking is shared in 53 percent of fund-owning households. Males are the sole decisionmakers in 24 percent of fund-

## U.S. Mutual Fund Shareholder Characteristics ${ }^{1}$

| Median |  |
| :---: | :---: |
| Age ${ }^{2}$ | 46 years |
| Household income | \$62,100 |
| Household financial assets ${ }^{3}$ | \$100,000 |
| Household mutual fund assets | \$40,000 |
| Number of mutual funds owned | 4 |
| Percent |  |
| Household investment decisionmaker: |  |
| Male is sole decisionmaker | 24 |
| Female is sole decisionmaker | 23 |
| Co-decisionmakers | 53 |
| Married or living with a partner ${ }^{2}$ | 67 |
| Four-year college degree or more ${ }^{2}$ | 52 |
| Employed ${ }^{2}$ | 78 |
| Spouse or partner employed ${ }^{4}$ | 77 |
| Own: ${ }^{5}$ |  |
| Equity funds | 88 |
| Bond funds | 37 |
| Hybrid funds | 34 |
| Money market funds | 48 |
| Own mutual funds bought: ${ }^{5}$ |  |
| Outside defined contribution retirement plan(s) (total) | 69 |
| Sales force ${ }^{6}$ | 55 |
| Direct market ${ }^{7}$ | 33 |
| Inside defined contribution retirement plan(s) (total) | 62 |
| Primary mutual fund purchase channel: |  |
| Outside defined contribution retirement plan(s) (total) | 52 |
| Sales force ${ }^{6}$ | 37 |
| Direct market ${ }^{7}$ | 15 |
| Inside defined contribution retirement plan(s) | 48 |

${ }^{1}$ As of 2001.
${ }^{2}$ Refers to the household's responding financial decisionmaker for mutual fund investments.
${ }^{3}$ Excludes primary residence but includes assets in employer-sponsored retirement plans.
${ }^{4}$ Percent of shareholders married or living with a partner.
${ }^{5}$ Multiple responses included.
${ }^{6}$ Includes funds purchased from full-service brokers, insurance agents, financial planners, and bank representatives.
${ }^{7}$ Includes funds purchased directly from fund companies and through discount brokers.
Note: Number of respondents varies.
owning households, females in 23 percent. Members of the Baby Boom Generation (individuals born between 1946 and 1964) make up the greatest percentage of mutual fund shareholders, at 52 percent. Twenty-five percent of fund shareholders are members of the so-called Silent Generation (born before 1946), and 23 percent are members of Generation X (born in 1965 or later). Thirty percent of mutual fund shareholders reside in the South; 26 percent in the Midwest; 25 percent in the West; and 19 percent in the Northeast.

## Shareholders' Use of the Internet

Approximately eight in 10 U.S. households owning mutual funds used the Internet between June 2000 and May 2001, up from 68 percent between April 1999 and March 2000.

Although shareholders' use of the Internet has increased, most continue to use non-Internet methods to invest in fund shares and redeem them. Twenty-four percent of all shareholders who conducted equity mutual fund transactions between June 2000 and May 2001 bought or sold equity fund

Mutual Fund Shareholders' Use of the Internet, 2001*
(percent of households owning mutual funds)


[^3]shares online. Slightly more than half of this group purchased equity fund shares only, about a third both bought and sold equity fund shares, and 15 percent sold equity fund shares only.

These shareholders conducted a median of two equity fund transactions over the Internet and an average of eight between June 2000 and May 2001, indicating that a small number of shareholders conducted a high volume of online equity fund transactions.

Shareholders who used the Internet to conduct equity fund transactions were generally younger and had greater household income and financial assets than shareholders who did not use the Internet when making equity fund transactions. The median age of online shareholders who used the Internet to conduct equity fund transactions was 43 . This group had median household income of $\$ 87,500$ and median household financial assets of $\$ 200,000$. Online shareholders conducting equity fund transactions typically had $\$ 87,500$ invested in seven mutual funds. Shareholders who did not use the Internet to make equity fund transactions were typically 45 years old, had median household income of $\$ 65,700$ and financial assets of $\$ 125,000$. These shareholders had a median of $\$ 55,000$ invested in five mutual funds.

## Use of the Internet to Conduct Equity Mutual Fund Transactions, 2001

Equity Mutual Fund Transaction Activity*<br>(percent of U.S. households owning mutual funds)<br>Method Used to Conduct Equity Mutual Fund Transactions*<br>(percent of U.S. households owning mutual funds that conducted an equity mutual fund transaction)


*In the 12 months preceding the survey (June 2000 through May 2001).

## CHAPTER 5

## Retirement and Education Savings Markets

Saving for retirement and education are important investment objectives, and many Americans use mutual funds to reach these goals.

At year-end 2001, mutual funds accounted for $\$ 2.4$ trillion, or 22 percent, of the $\$ 10.9$ trillion U.S. retirement market. The remaining $\$ 8.6$ trillion of 2001 retirement market assets were managed by pension funds, insurance companies, banks, and brokerage firms. In the emerging education savings market, mutual funds accounted for an estimated 98 percent of the $\$ 8.5$ billion Section 529 savings plan market at year-end 2001. Funds also managed $\$ 2$ billion in Coverdell Education Savings Accountformerly Education IRA - assets by year-end.
U.S. Retirement Market Assets, 2001 ${ }^{1,2}$


Total: \$10.9 trillion
${ }^{1}$ Preliminary data
${ }^{2}$ Components do not sum to total U.S. retirement market assets due to rounding.
Sources: Investment Company Institute and Federal Reserve Board

## Mutual Fund Retirement Assets, 1991-2001¹

(billions of dollars)

|  | Total Retirement | Employer-Sponsored Accounts ${ }^{2}$ | IRAs |
| :--- | :---: | :---: | :---: |
| 1991 | $\$ 335$ | $\$ 147$ | $\$ 188$ |
| 1992 | 437 | 199 | 237 |
| 1993 | 608 | 285 | 322 |
| 1994 | 687 | 337 | 350 |
| 1995 | 940 | 464 | 476 |
| 1996 | 1,195 | 598 | 597 |
| 1997 | 1,559 | 783 | 776 |
| 1998 | 1,963 | 990 | 974 |
| 1999 | 2,547 | 1,284 | 1,263 |
| 2000 | 2,476 | 1,240 | 1,236 |
| 2001 | 2,356 | 1,189 | 1,168 |

${ }^{1}$ Preliminary data
${ }^{2}$ Includes private defined contribution plans (401(k), 403(b), 457, and others), state and local government employee retirement funds, and private defined benefit plans.

Note: Components may not add to totals due to rounding.
Sources: Investment Company Institute, Federal Reserve Board, Internal Revenue Service, and Department of Labor

## Retirement Accounts Hold About One-Third of Fund Assets

The $\$ 2.4$ trillion in mutual fund retirement assets represented about onethird of all mutual fund assets at year-end 2001. Mutual fund retirement assets primarily come from two sources: Individual Retirement Accounts (IRAs) and employer-sponsored defined contribution plans, such as $401(\mathrm{k})$ plans. Funds hold roughly the same amount of assets in IRAs and employer-sponsored defined contribution plans: $\$ 1.17$ trillion and $\$ 1.19$ trillion at year-end 2001, respectively.

## Mutual Funds and the IRA Market

IRAs were one of the fastest growing components of the U.S. retirement market between 1990 and 2001, and the mutual fund industry's share of the IRA market has increased from 14 percent in the mid-1980s to 49 percent by year-end 2001.

Assets in IRAs grew during the 1990s primarily due to the investment performance of the securities held in IRA portfolios and rollovers into IRAs from employer-sponsored plans. In addition, legislative changes in the late 1990s introduced new types of IRAs. Furthermore, passage of the Economic Growth and Tax Relief Reconciliation Act (EGTRRA) in 2001 is expected to stimulate savings through IRAs (and other retirement and education savings vehicles). For example, EGTRRA increased the amount investors - especially those aged 50 and older-can contribute to IRAs.

Assets in the IRA Market, 1990-2001¹
(billions of dollars)


[^4]
## IRA Investors: Traditional, Roth, and Employer-Sponsored Owners

Approximately four out of 10 U.S. households, or 44.3 million, owned IRAs as of May 2001. IRA households generally are headed by middle-aged individuals with moderate household income who are more likely to hold mutual funds, especially long-term mutual funds, in their IRA portfolios than any other type of investment.

As of May 2001, approximately 34.1 million U.S. households owned "traditional" IRAs - the first type of IRA created (under the Employee Retirement Income Security Act of 1974) -while about 11.9 million U.S. households owned Roth IRAs, first available in 1998. An estimated 8.1 million U.S. households owned employer-sponsored IRAs (SIMPLE IRAs, SEP IRAs, or SAR-SEP IRAs).

Nearly 70 percent of IRA households include mutual funds in their IRAs, with two-thirds investing in long-term mutual funds and 27 percent holding money market mutual funds. Forty percent of IRA households hold individual stocks or bonds in their IRAs, while 29 percent hold annuities and 28 percent, bank deposit accounts.

Traditional IRA households held a median of $\$ 30,000$ in their traditional IRAs in 2001, typically in two accounts. Forty-four percent of these households had, when surveyed, traditional IRA accounts that included

Types of IRAs and Their Owners

|  | Year Created | Number of U.S. Households with Type of IRA, 2001 | Percent of U.S. Households with Type of IRA, 200 |
| :---: | :---: | :---: | :---: |
| Traditional IRA | $1974$ <br> (The Employee Retirement Income Security Act) | 34.1 million | 32\% |
| Roth IRA | $1997$ <br> (The Taxpayer Relief Act) | 11.9 million | 11\% |
| SEP or SAR-SEP IRA | $1978$ <br> (The Revenue Act) | 5.2 million | 5\% |
| SIMPLE IRA | 1996 (The Small Business Job Protection Act) | 4.1 million | 4\% |

```
Types of Assets Held In IRAs, 2001,1,2
(percent of U.S. households owning any type of IRA)
Mutual funds 69
    Long-term mutual funds }\mp@subsup{}{}{3
    Money market mutual funds 27
Individual stocks or bonds 40
Annuities4 }\mp@subsup{}{}{4
Bank deposit accounts}\mp@subsup{}{}{5}2
Other 5
1/Includes traditional IRAs, Roth IRAs, SIMPLE IRAs, SEP-IRAs, and SAR-SEP IRAs.
2Multiple responses included.
3/ncludes equity mutual funds, bond mutual funds, and hybrid mutual funds.
4Includes variable and fixed annuities.
5/ncludes bank savings accounts, money market deposit accounts, and certificates of deposit.
```

assets "rolled over" from employer-sponsored retirement plans, and nearly one-third also owned Roth IRAs. Traditional IRA households tended to have greater financial assets but lower income than other types of IRA households. Individuals heading traditional IRA households generally were older and more likely to be retired than individuals heading Roth or employer-sponsored IRA households.

The majority of Roth IRA households owned one Roth IRA account with a median balance of $\$ 6,000$ in 2001 . More than one in three Roth IRA households opened a Roth IRA as their first IRA account. Individuals heading Roth IRA households had a median age of 43 years, and nearly 90 percent were employed.

Households with employer-sponsored IRAs had a median of \$48,200 invested in all types of IRAs when surveyed. Sixty-two percent of these households also owned traditional IRAs and 27 percent also owned Roth IRAs. Nearly one-third of individuals heading households with employersponsored IRAs were self-employed.

## Mutual Fund Assets by Type of Retirement Plan, 1991 and 2001*

1991


Total: $\$ 335$ billion

2001*
Other Retirement Plans
\$193 billion


Total: \$2,356 billion
*Preliminary data
Note: Components may not add to totals due to rounding.
Sources: Investment Company Institute, Federal Reserve Board, Internal Revenue Service, and Department of Labor

Assets in 401(k) Plans, 1990-2001*
(billions of dollars)

|  | Mutual Fund <br> $401(k)$ Plan Assets | Other 401(k) <br> Plan Assets | Total |
| :--- | :---: | :---: | :---: |
| 1990 | $\$ 35$ | $\$ 350$ | $\$ 385$ |
| 1991 | 46 | 394 | 440 |
| 1992 | 82 | 471 | 553 |
| 1993 | 140 | 476 | 616 |
| 1994 | 184 | 491 | 675 |
| 1995 | 266 | 598 | 864 |
| 1996 | 349 | 712 | 1,061 |
| 1997 | 473 | 791 | 1,264 |
| 1998 | 605 | 936 | 1,541 |
| 1999 | 793 | $1,018^{\mathrm{e}}$ | $1,811^{\mathrm{e}}$ |
| 2000 | 783 | $1,025^{\mathrm{e}}$ | $1,809 \mathrm{e}$ |
| 2001 | 765 | $990^{\mathrm{e}}$ | $1,754^{\mathrm{e}}$ |

*Preliminary data
${ }^{e}$ Estimated
Note: Components may not add to totals due to rounding.
Sources: Investment Company Institute, Federal Reserve Board, and Department of Labor

## Mutual Funds and the Employer-Sponsored Pension Market

The mutual fund industry's share of the employer-sponsored pension plan market increased from 2 percent in 1990 to 14 percent at year-end 2001. At the end of 2001, mutual funds accounted for $\$ 1.2$ trillion of the estimated $\$ 8.5$ trillion employer-sponsored pension market.

As with the IRA market, Congress's passage of the Economic Growth and Tax Relief Reconciliation Act (EGTRRA) in 2001 increases the amount investors - particularly those age 50 and older-can contribute to employer-sponsored plans, and is expected to help individuals save more for retirement.

Mutual fund assets held in employer-sponsored retirement accounts totaled $\$ 1.2$ trillion in 2001, a decrease of $\$ 51$ billion, or 4 percent, from 2000. Mutual funds accounted for approximately 14 percent of the overall employer-sponsored pension market at year-end 2001. The employer-sponsored pension market is comprised of $\$ 1.9$ trillion in assets in private defined benefit pension funds, $\$ 2.5$ trillion in private defined contribution

Average Asset Allocation for All 401(k) Plan Balances, 2000 (percent)


Note: Funds include mutual funds and other pooled investments.
Source: Tabulations from EBRI/ICI Participant-Directed Retirement Plan Data Collection Project
pension funds (and 457 plans), $\$ 2.2$ trillion in state and local government employee retirement funds, $\$ 1.2$ trillion in annuity reserves, and $\$ 0.8$ trillion in federal government defined benefit plans.

## Mutual Funds and the Defined Contribution Market

The most important source of mutual fund assets in the employer-sponsored pension plan market is defined contribution plans, especially $401(\mathrm{k})$ plans. At year-end 2001, 67 percent, or $\$ 765$ billion, of mutual fund defined contribution plan assets were held in $401(\mathrm{k})$ plans. Mutual funds' share of the $401(\mathrm{k})$ market increased from 9 percent in 1990 to an estimated 44 percent at year-end 2001. Mutual fund assets in $403(\mathrm{~b})$ plans were about 20 percent of mutual fund assets in defined contribution plans at year-end 2001, or $\$ 231$ billion. The remaining mutual fund assets in defined contribution plans were in 457 plans, Keoghs, and other defined contribution plans without $401(\mathrm{k})$ features.

## 401 (k) Participants: Asset Allocations, Balances, and Loans

For many American workers, 401(k) plan accounts have become an important part of their retirement planning. The income these accounts are expected to provide in retirement depends, in part, on the asset allocation decisions of plan participants.

According to research conducted by ICI and the Employee Benefit Research Institute (EBRI), asset allocation behavior among 401(k) plan participants can vary widely, depending on a variety of factors. For example, younger participants tend to allocate a larger portion of their account balances to equity funds (which include equity mutual funds and other pooled equity investments), while older participants are more likely to invest in guaranteed investment contracts (GICs) and bond funds. On average, individuals in their twenties invested 61.4 percent of their assets in equity funds, 8.6 percent in balanced funds, 4.0 percent in GICs, 4.3 percent in bond funds, 4.3 percent in money funds, and 15.4 percent in company stock. By comparison, individuals in their sixties invested 39.8 percent of their assets in equity funds, 8.0 percent in balanced funds, 19.3 percent in GICs, 7.7 percent in bond funds, 5.4 percent in money funds, and 16.3 percent in company stock.

Average 401(k) Account Balance by Age and Tenure, 2000


[^5]The average $401(\mathrm{k})$ account balance, excluding plan loans, was $\$ 49,024$ at year-end 2000. Workers in their sixties with at least 30 years of job tenure at their current employer had an average $401(\mathrm{k})$ account balance of \$177,289.

Most 401(k) participants do not borrow from their plans. At year-end 2000, only 18 percent of those eligible for loans had loans outstanding. The average unpaid loan balance for these participants represented about 14 percent of their account balances (net of the unpaid loan balances).

## Types of Funds Used by Retirement Plan Investors

Of the $\$ 2.4$ trillion in mutual fund retirement assets at year-end 2001, $\$ 1.7$ trillion, or 71 percent, were invested in U.S. domestic or foreign equity funds. U.S. domestic equity funds alone constitute $\$ 1.5$ trillion, or 63 percent, of mutual fund retirement assets. By comparison, only about 49 percent of overall fund industry assets - including retirement and nonretirement accounts - are invested in domestic and foreign equity funds.

Approximately $\$ 482$ billion, or 20 percent, of mutual fund retirement assets are invested in fixed-income funds: bond or money market funds. Bond funds hold $\$ 220$ billion, or 9 percent, of mutual fund retirement assets, and money market funds account for $\$ 262$ billion, or 11 percent.

Mutual Fund Retirement Assets by Type of Fund, 2001¹
(billions of dollars)

|  | Equity |  | Bond | Hybrid | Money Market | Total |
| :--- | :---: | :---: | ---: | ---: | ---: | ---: |
|  | Domestic | Foreign |  |  |  |  |
|  | $\$ 696$ | $\$ 98$ | $\$ 116$ | $\$ 95$ | $\$ 163$ | $\$ 1,168$ |
| IRAs | 508 | 60 | 53 | 80 | 63 | 765 |
| 401(k) Plans | 181 | 14 | 10 | 12 | 15 | 231 |
| 403(b) Plans |  |  |  |  |  |  |
| Other Employer- <br> $\quad$ Sponsored Plans | 105 | 14 | 41 | 13 | 21 | 193 |
| Total | $\$ 1,489$ | $\$ 185$ | $\$ 220$ | $\$ 200$ | $\$ 262$ | $\$ 2,356$ |

[^6]Note: Components may not add to totals due to rounding.

The remaining $\$ 200$ billion, or approximately 8 percent, of mutual fund retirement assets are held in hybrid funds, which invest in a mix of equity and fixed-income securities and derivative instruments.

## Education Saving: Section 529 Plans and Coverdell Education Savings Accounts

The enactment of EGTRRA in 2001 is expected to stimulate new investments in education savings vehicles. Historically, the demand for these products has been modest since their introduction in the 1990s, partly attributable to investors' lack of familiarity with them and because of their

## Section 529 Savings Plan Assets, 1998-2001

(billions of dollars)


[^7]limited availability. In addition, some provisions of these plans served to limit their appeal as education savings vehicles.

The new law greatly enhances the attractiveness of both Section 529 plans and Coverdell Education Savings Accounts by allowing greater contributions and flexibility in the plans. The maximum annual investment levels for Coverdell accounts increase in 2002 to $\$ 2,000$ from $\$ 500$ in 2001, and tax-free withdrawals from these accounts are allowed for qualified higher-education, elementary, and secondary schooling expenses. The new law also allows tax-free distributions from Section 529 savings plans for qualified higher-education expenses. Previously, withdrawals from these accounts were generally taxed at the rate of the beneficiary-usually a child or grandchild. In another change, contributors now will be able to move their 529 plan investments from one state's plan to another once a year without having to change beneficiaries.

Assets in Section 529 savings plans more than tripled in 2001, increasing from $\$ 2.6$ billion at year-end 2000 to $\$ 8.5$ billion by year-end 2001. The number of accounts rose to more than one million, and the average account size was approximately $\$ 6,300$.

## About ICI Data

ICl is a source for information on investment company statistical trends. Institute staff collect, compile, verify for accuracy, and release to government agencies, the media, the public, and ICI members a wide range of statistics on approximately 8,300 mutual funds, 450 closed-end funds, 10 unit investment trust sponsors, and 100 exchange-traded funds in the U.S. investment company industry. The Institute also collects data on foreign investment companies from industry associations around the world.

The impetus for ICl's data collection efforts began in the summer of 1940 - following the enactment of the Investment Company Act-when investment company leaders first formed a committee to monitor industry progress and trends. In 1944, that committee began collecting fund statistics. Mutual fund assets have grown from $\$ 1$ billion in 1945 to nearly \$7 trillion as of December 31, 2001.

On the following pages, you will find historical data on investment companies. The first five sections of data represent aggregate statistics reported to ICI from individual U.S. mutual funds representing 95 percent of the U.S. industry's assets. The sixth section provides data on open-end investment companies from around the world, and the seventh section features data on other types of U.S. investment companies: closed-end funds, unit investment trusts, and exchange-traded funds.

## U.S. Mutual Fund Data

The U.S. mutual fund data section begins with a breakdown of U.S. industry totals in Section One, including information on fund assets, accounts, and the number of funds. U.S. industry totals are broken down from short- and long-term categories into five separate ones: equity funds, hybrid funds, bond funds, taxable money market funds, and tax-exempt money market funds.

In Sections Two and Three, U.S. mutual fund data are classified according to two broad categories: long-term funds and short-term, or money market, funds. Longterm fund data are classified according to three broad fund categories-equity, bond, and hybrid—and further categorized into 29 more specific investment objective groupings. Money market funds are categorized into four taxable and tax-exempt investment objective groupings.
U.S. industry data do not provide total sales figures that combine long-term and short-term fund sales. Because of the special nature of short-term funds and the huge, continuous inflows and outflows of money they experience, it would be misleading to add their sales figures to those of long-term funds.

Section Four examines exchanges for all funds in the U.S. industry; Section Five looks at institutional investors in the U.S. industry.

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Section One: U.S. Industry Totals
Total Industry Net Assets, Number of Funds, and Shareholder Accounts

| Year | Total Net Assets (millions) | Number of Funds | Number of Shareholder Accounts |
| :---: | :---: | :---: | :---: |
| 1940 | \$448.0 | 68 | 296,056 |
| 1945 | 1,284.2 | 73 | 497,875 |
| 1950 | 2,530.6 | 98 | 938,651 |
| 1955 | 7,837.5 | 125 | 2,085,325 |
| 1960 | 17,025.7 | 161 | 4,897,600 |
| 1965 | 35,220.2 | 170 | 6,709,343 |
| 1970 | 47,618.1 | 361 | 10,690,312 |
| 1971 | 55,045.3 | 392 | 10,900,952 |
| 1972 | 59,830.6 | 410 | 10,635,287 |
| 1973 | 46,518.5 | 421 | 10,330,862 |
| 1974 | 35,776.8 | 431 | 10,074,191 |
| 1975 | 45,874.4 | 426 | 9,876,082 |
| 1976 | 51,276.6 | 452 | 9,060,089 |
| 1977 | 48,936.9 | 477 | 8,692,601 |
| 1978 | 55,837.7 | 505 | 8,658,324 |
| 1979 | 94,511.3 | 524 | 9,790,018 |
| 1980 | 134,760.9 | 564 | 12,087,646 |
| 1981 | 241,365.4 | 665 | 17,498,938 |
| 1982 | 296,678.1 | 857 | 21,448,409 |
| 1983 | 292,985.1 | 1,026 | 24,604,659 |
| 1984 | 370,680.0 | 1,243 | 27,635,660 |
| 1985 | 495,385.1 | 1,528 | 34,098,401 |
| 1986 | 715,667.8 | 1,835 | 45,373,627 |
| 1987 | 769,171.9 | 2,312 | 53,717,241 |
| 1988 | 809,370.5 | 2,737 | 54,056,016 |
| 1989 | 980,671.1 | 2,935 | 57,559,770 |
| 1990 | 1,065,190.2 | 3,079 | 61,947,955 |
| 1991 | 1,393,185.3 | 3,403 | 68,334,053 |
| 1992 | 1,642,536.7 | 3,824 | 79,932,211 |
| 1993 | 2,069,963.2 | 4,534 | 93,213,735 |
| 1994 | 2,155,324.9 | 5,325 | 114,383,364 |
| 1995 | 2,811,292.2 | 5,725 | 131,219,225 |
| 1996 | 3,525,800.8 | 6,248 | 150,045,888 |
| 1997 | 4,468,200.6 | 6,684 | 170,367,063 |
| 1998 | 5,525,209.3 | 7,314 | 194,147,377 |
| 1999 | 6,846,339.2 | 7,791 | 227,260,442 |
| 2000 | 6,964,667.0 | 8,155 | 244,409,464 |
| 2001 | 6,974,975.9 | 8,307 | 247,841,168 |

[^8]
## Total Industry Net Assets

(billions of dollars)

| Year | Equity Funds | Bond \& Income Funds | Taxable <br> Money <br> Market Funds | Tax-Exempt Money Market Funds | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1960 | \$16.0 | \$1.0 | - | - | \$17.0 |
| 1965 | 32.8 | 2.5 | - | - | 35.2 |
| 1970 | 45.1 | 2.5 | - | - | 47.6 |
| 1971 | 51.6 | 3.4 | - | - | 55.0 |
| 1972 | 55.9 | 3.9 | - | - | 59.8 |
| 1973 | 43.0 | 3.5 | - | - | 46.5 |
| 1974 | 30.9 | 3.2 | \$1.7 | - | 35.8 |
| 1975 | 37.5 | 4.7 | 3.7 | - | 45.9 |
| 1976 | 39.2 | 8.4 | 3.7 | - | 51.3 |
| 1977 | 34.0 | 11.0 | 3.9 | - | 48.9 |
| 1978 | 32.7 | 12.3 | 10.9 | - | 55.9 |
| 1979 | 35.9 | 13.1 | 45.2 | \$0.3 | 94.5 |
| 1980 | 44.4 | 14.0 | 74.5 | 1.9 | 134.8 |
| 1981 | 41.2 | 14.0 | 181.9 | 4.3 | 241.4 |
| 1982 | 53.7 | 23.2 | 206.6 | 13.2 | 296.7 |
| 1983 | 77.0 | 36.6 | 162.5 | 16.8 | 292.9 |


|  | Equity | Hybrid <br> Funds | Bond <br> Funds | Taxable <br> Money <br> Market Funds | Tax-Exempt <br> Money Market |  |
| :--- | ---: | :---: | :---: | :---: | :---: | ---: |
|  | Funds |  |  |  |  |  |$\quad$ Total

Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.
Components may not sum to the total due to rounding.

## Total Industry Shareholder Accounts

(millions)

|  | Equity |  <br> Income Funds | Taxable <br> Money <br> Market Funds | Tax-Exempt <br> Money Market | Funds |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Year | Funds | 1.4 | 0.5 | - | Total |
| 1978 | 6.8 | 1.4 | 2.3 | - | 8.7 |
| 1979 | 6.1 | 1.5 | 4.8 | - | 9.8 |
| 1980 | 5.8 | 1.5 | 10.3 | - | 12.1 |
| 1981 | 5.7 | 2.0 | 13.1 | 0.1 | 17.5 |
| 1982 | 6.2 | 2.8 | 12.3 | 0.3 | 21.4 |
| 1983 | 9.2 |  |  | 24.6 |  |


|  | Equity Funds | Hybrid Funds | Bond Funds | Taxable <br> Money <br> Market Funds | Tax-Exempt Money Market Funds | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1984 | 9.6 | 1.0 | 3.2 | 13.6 | 0.3 | 27.6 |
| 1985 | 11.1 | 1.3 | 6.8 | 14.4 | 0.5 | 34.1 |
| 1986 | 15.5 | 2.1 | 11.5 | 15.7 | 0.7 | 45.4 |
| 1987 | 20.4 | 2.7 | 12.9 | 16.8 | 0.8 | 53.7 |
| 1988 | 19.7 | 2.6 | 13.3 | 17.6 | 0.9 | 54.1 |
| 1989 | 20.3 | 2.7 | 13.2 | 20.2 | 1.1 | 57.6 |
| 1990 | 22.2 | 3.2 | 13.6 | 21.6 | 1.4 | 61.9 |
| 1991 | 25.6 | 3.6 | 15.5 | 21.9 | 1.7 | 68.3 |
| 1992 | 32.7 | 4.5 | 19.0 | 21.8 | 1.9 | 79.9 |
| 1993 | 42.3 | 6.9 | 20.5 | 21.6 | 2.0 | 93.2 |
| 1994 | 57.9 | 10.3 | 20.8 | 23.3 | 2.0 | 114.4 |
| 1995 | 69.3 | 10.9 | 20.8 | 27.9 | 2.3 | 131.2 |
| 1996 | 85.4 | 12.0 | 20.4 | 29.9 | 2.3 | 150.0 |
| 1997 | 101.8 | 12.9 | 20.1 | 33.0 | 2.7 | 170.4 |
| 1998 | 119.9 | 13.8 | 21.6 | 36.4 | 2.4 | 194.1 |
| 1999 | 148.3 | 14.2 | 21.1 | 41.2 | 2.4 | 227.3 |
| 2000 | 163.7 | 13.1 | 19.5 | 45.5 | 2.7 | 244.4 |
| 2001 | 164.8 | 14.2 | 21.6 | 44.4 | 2.8 | 247.8 |

Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.
Components may not sum to the total due to rounding.

## Total Number of Funds

| Year | Equity Funds | Bond \& Income Funds | Taxable <br> Money <br> Market Funds | Tax-Exempt Money Market Funds | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1970 | 323 | 38 | - | - | 361 |
| 1971 | 350 | 42 | - | - | 392 |
| 1972 | 364 | 46 | - | - | 410 |
| 1973 | 366 | 55 | - | - | 421 |
| 1974 | 343 | 73 | 15 | - | 431 |
| 1975 | 314 | 76 | 36 | - | 426 |
| 1976 | 302 | 102 | 48 | - | 452 |
| 1977 | 296 | 131 | 50 | - | 477 |
| 1978 | 294 | 150 | 61 | - | 505 |
| 1979 | 289 | 159 | 76 | - | 524 |
| 1980 | 288 | 170 | 96 | 10 | 564 |
| 1981 | 306 | 180 | 159 | 20 | 665 |
| 1982 | 340 | 199 | 281 | 37 | 857 |
| 1983 | 396 | 257 | 307 | 66 | 1,026 |

\(\left.$$
\begin{array}{lcccccc} & \text { Equity } \\
& \text { Funds } & \begin{array}{c}\text { Hybrid } \\
\text { Funds }\end{array} & \begin{array}{c}\text { Bond } \\
\text { Funds }\end{array} & \begin{array}{c}\text { Taxable } \\
\text { Money } \\
\text { Market Funds }\end{array} & \begin{array}{c}\text { Tax-Exempt } \\
\text { Money Market }\end{array}
$$ \& <br>

1984 \& 459 \& 89 \& 270 \& 329 \& 96 \& Funds\end{array}\right]\)| Total |
| :--- |
| 1985 |

[^9]
## An Overview:

Shareholder Accounts, Total Net Assets, and Liquid Assets of Equity, Hybrid, and Bond Funds

| Year | Number of <br> Reporting <br> Funds | Number of <br> Accounts <br> (thousands) | Net Assets <br> (billions of <br> dollars) | Liquid Assets <br> (billions of <br> dollars) |
| :--- | :---: | :---: | :---: | :---: |
| 1970 | 361 | $10,690.3$ | $\$ 47.6$ |  |
| 1971 | 392 | $10,901.0$ | 55.0 | $\$ 3.1$ |
| 1972 | 410 | $10,635.3$ | 59.8 | 2.6 |
| 1973 | 421 | $10,330.9$ | 46.5 | 2.6 |
| 1974 | 416 | $9,970.4$ | 34.1 | 3.4 |
| 1975 | 390 | $9,667.3$ | 42.2 | 3.4 |
| 1976 | 404 | $8,879.4$ | 47.6 | 3.2 |
| 1977 | 427 | $8,515.1$ | 45.0 | 2.4 |
| 1978 | 444 | $8,190.6$ | 45.0 | 3.3 |
| 1979 | 446 | $7,482.2$ | 49.0 | 4.5 |
| 1980 | 458 | $7,325.5$ | 58.4 | 4.7 |
| 1981 | 486 | $7,175.5$ | 55.2 | 5.3 |
| 1982 | 539 | $8,190.3$ | 76.9 | 5.3 |
| 1983 | 653 | $12,065.0$ | 113.6 | 6.0 |
|  |  |  |  | 8.3 |
| 1984 | 818 | $13,791.0$ | 137.1 |  |
| 1985 | 1,068 | $19,163.8$ | 251.6 | 12.2 |
| 1986 | 1,348 | $29,060.5$ | 423.5 | 20.6 |
| 1987 | 1,769 | $36,042.5$ | 453.1 | 30.6 |
| 1988 | 2,127 | $35,486.2$ | 471.4 | 37.9 |
| 1989 | 2,262 | $36,245.5$ | 552.6 | 45.0 |
| 1990 | 2,338 | $38,979.1$ | 566.8 | 44.6 |
| 1991 | 2,583 | $44,778.1$ | 850.7 | 48.4 |
| 1992 | 2,960 | $56,285.0$ | $1,096.3$ | 60.4 |
| 1993 | 3,614 | $69,628.4$ | $1,504.6$ | 74.0 |
| 1994 | 4,362 | $89,004.7$ | $1,544.3$ | 99.4 |
| 1995 | 4,728 | $101,082.4$ | $2,058.3$ | 120.4 |
| 1996 | 5,260 | $117,846.0$ | $2,624.0$ | 141.8 |
| 1997 | 5,671 | $134,743.0$ | $3,409.3$ | 152.0 |
| 1998 | 6,288 | $155,300.0$ | $4,173.5$ | 198.8 |
| 1999 | 6,746 | $183,644.9$ | $5,233.2$ | 191.4 |
| 2000 | 7,116 | $196,271.0$ | $5,119.4$ | 219.1 |
| 2001 | 7,292 | $200,604.7$ | $4,689.6$ | 277.2 |
|  |  |  | 219.5 |  |

[^10]Section Two: U.S. Industry Long-Term Funds

## Total Net Assets of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :--- | ---: | ---: | ---: |
| Total Net Assets | $\$ 5,233,193.6$ | $\$ 5,119,386.2$ | $\$ 4,689,628.0$ |
| Aggressive Growth | $\$ 623,855.6$ | $\$ 667,718.9$ | $\$ 576,241.9$ |
| Growth | $1,286,616.7$ | $1,250,869.1$ | $1,047,517.4$ |
| Sector | $204,588.1$ | $235,127.7$ | $173,602.2$ |
| World Equity-Emerging Markets | $22,101.0$ | $15,406.8$ | $13,677.3$ |
| World Equity-Global | $236,389.6$ | $228,025.0$ | $182,983.8$ |
| World Equity-International | $276,226.8$ | $262,065.9$ | $206,295.0$ |
| World Equity-Regional | $50,537.2$ | $37,171.2$ | $25,840.2$ |
| Growth and Income | $1,202,141.2$ | $1,137,217.4$ | $1,066,633.4$ |
| Income Equity | $139,433.8$ | $128,320.0$ | $125,382.1$ |
| Total Equity Funds | $\$ 4,041,890.0$ | $\$ 3,961,922.0$ | $\$ 3,418,173.3$ |

Asset Allocation
Balanced
Flexible Portfolio
Income-Mixed
Total Hybrid Funds
\$39,338.1
184,294.0
94,517.1
60,660.3
\$378,809.5
\$31,280.6
73,552.2
52,848.6
116,904.5
14,919.1
4,044.3
3,980.5
34,653.5
24,561.8
19,385.3
59,981.2
104,902.6
117,829.2
10,059.7
112,294.7
31,296.3
\$812,494.1
\$36,808.1
\$34,338.3
179,659.3
80,946.2
51,386.8
\$346,330.6

| $\$ 29,189.2$ | $\$ 33,023.5$ |
| ---: | ---: |
| $61,098.3$ | $70,401.3$ |
| $50,348.2$ | $57,543.5$ |
| $90,282.7$ | $94,275.7$ |
| $12,692.5$ | $12,400.4$ |
| $3,257.9$ | $2,672.6$ |
| $3,990.0$ | $3,993.3$ |
| $35,004.0$ | $40,706.0$ |
| $24,587.5$ | $29,299.3$ |
| $16,923.5$ | $20,870.1$ |
| $56,820.4$ | $73,367.6$ |
| $149,149.3$ | $191,552.9$ |
| $123,337.4$ | $130,913.4$ |
| $9,382.9$ | $10,077.1$ |
| $120,435.4$ | $124,864.1$ |
| $24,689.2$ | $29,163.3$ |
| $\$ 811,188.4$ | $\$ 925,124.1$ |

Note: Data for funds that invest in other mutual funds were excluded from the series.

Section Two: U.S. Industry Long-Term Funds

## Liquid Assets of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total Liquid Assets | \$219,097.9 | \$277,158.5 | \$219,514.2 |
| Aggressive Growth | \$23,491.9 | \$44,156.4 | \$28,070.3 |
| Growth | 60,079.1 | 69,600.4 | 54,896.0 |
| Sector | 11,581.8 | 15,917.7 | 10,035.7 |
| World Equity-Emerging Markets | 651.1 | 947.2 | 578.2 |
| World Equity-Global | 14,790.8 | 21,731.1 | 13,049.7 |
| World Equity-International | 13,846.5 | 17,514.8 | 12,687.9 |
| World Equity-Regional | 1,754.4 | 1,372.1 | 743.2 |
| Growth and Income | 41,778.4 | 49,884.5 | 46,347.7 |
| Income Equity | 6,717.9 | 6,836.3 | 4,283.6 |
| Total Equity Funds | \$174,691.9 | \$227,960.5 | \$170,692.3 |
| Asset Allocation | \$3,029.2 | \$2,315.0 | \$2,409.6 |
| Balanced | 7,667.3 | 8,192.6 | 10,039.6 |
| Flexible Portfolio | 7,525.4 | 9,258.6 | 7,237.7 |
| Income-Mixed | 2,434.2 | 4,002.5 | 4,642.8 |
| Total Hybrid Funds | \$20,656.1 | \$23,768.7 | \$24,329.7 |
| Corporate Bond-General | \$677.8 | \$539.6 | \$641.4 |
| Corporate Bond-Intermediate-Term | 2,051.6 | 1,299.7 | 2,552.9 |
| Corporate Bond-Short-Term | 5,877.9 | 4,754.0 | 5,947.0 |
| High-Yield Bond | 5,035.2 | 7,606.9 | 6,477.2 |
| World Bond-Global General | 1,022.2 | 497.3 | 392.4 |
| World Bond-Global Short-Term | 312.6 | 276.6 | 130.5 |
| World Bond-Other | 258.5 | 83.0 | 112.7 |
| Government Bond-General | (633.4) | 383.1 | 693.2 |
| Government Bond-Intermediate-Term | 472.6 | 1,076.3 | 1,114.0 |
| Government Bond-Short-Term | (763.0) | 101.5 | 1,357.5 |
| Government Bond-Mortgage-Backed | $(5,432.5)$ | $(5,087.9)$ | $(3,711.5)$ |
| Strategic Income | 8,589.7 | 4,671.5 | 758.2 |
| State Municipal Bond-General | 2,402.4 | 3,703.5 | 2,661.7 |
| State Municipal Bond-Short-Term | 316.0 | 432.8 | 535.3 |
| National Municipal Bond-General | 2,326.6 | 3,309.4 | 2,893.6 |
| National Municipal Bond-Short-Term | 1,235.7 | 1,782.0 | 1,936.1 |
| Total Bond Funds | \$23,749.9 | \$25,429.3 | \$24,492.2 |

Note: Data for funds that invest in other mutual funds were excluded from the series.
Section Two: U.S. Industry Long-Term Funds

| Liquid Asset Ratio-Equity Funds |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | January | February | March | April | May | June | July | August | September | October | November | December |
| 1975 | 8.8 | 9.7 | 8.2 | 7.8 | 7.5 | 6.8 | 7.1 | 7.5 | 7.8 | 7.4 | 7.6 | 7.6 |
| 1976 | 6.0 | 5.5 | 5.1 | 4.8 | 5.2 | 4.8 | 4.6 | 4.7 | 4.5 | 4.5 | 5.0 | 4.9 |
| 1977 | 5.3 | 6.0 | 6.5 | 6.1 | 6.6 | 6.2 | 6.8 | 7.5 | 7.9 | 8.2 | 8.0 | 7.5 |
| 1978 | 8.5 | 10.2 | 10.3 | 10.1 | 9.5 | 9.2 | 8.0 | 6.9 | 6.5 | 6.7 | 7.9 | 8.2 |
| 1979 | 8.1 | 8.9 | 8.3 | 8.5 | 8.8 | 8.7 | 8.7 | 8.5 | 8.2 | 7.9 | 8.2 | 7.9 |
| 1980 | 8.5 | 9.0 | 9.2 | 9.5 | 10.4 | 10.1 | 10.4 | 10.3 | 9.8 | 9.7 | 9.3 | 9.1 |
| 1981 | 8.1 | 8.4 | 8.3 | 8.5 | 9.0 | 9.0 | 8.7 | 9.4 | 10.4 | 10.8 | 11.4 | 10.5 |
| 1982 | 10.5 | 10.4 | 10.8 | 10.5 | 11.4 | 12.2 | 11.0 | 10.1 | 9.2 | 8.9 | 8.4 | 8.6 |
| 1983 | 9.7 | 9.5 | 9.9 | 9.9 | 9.5 | 9.4 | 9.0 | 7.7 | 8.6 | 7.9 | 8.7 | 7.8 |
| 1984 | 7.9 | 8.5 | 9.2 | 9.5 | 9.4 | 9.8 | 10.2 | 9.7 | 9.3 | 8.8 | 9.2 | 9.1 |
| 1985 | 8.7 | 9.1 | 8.4 | 9.2 | 8.9 | 8.9 | 9.4 | 10.0 | 10.1 | 10.9 | 10.0 | 9.4 |
| 1986 | 9.8 | 8.9 | 9.3 | 10.1 | 9.7 | 9.3 | 9.9 | 9.7 | 10.3 | 9.9 | 9.6 | 9.5 |
| 1987 | 9.7 | 9.5 | 9.0 | 10.2 | 9.4 | 9.3 | 9.3 | 8.8 | 9.2 | 10.5 | 11.3 | 9.3 |
| 1988 | 10.3 | 10.0 | 10.4 | 10.9 | 10.6 | 10.3 | 10.6 | 10.6 | 10.7 | 9.9 | 9.6 | 9.4 |
| 1989 | 9.3 | 8.9 | 8.6 | 8.8 | 9.3 | 9.9 | 10.0 | 10.3 | 10.2 | 10.7 | 11.1 | 10.4 |
| 1990 | 11.5 | 11.6 | 11.9 | 12.5 | 11.3 | 10.7 | 10.7 | 11.9 | 12.8 | 12.9 | 12.4 | 11.4 |
| 1991 | 9.7 | 9.5 | 8.7 | 8.4 | 8.5 | 8.0 | 7.7 | 7.2 | 7.4 | 7.8 | 8.4 | 7.6 |
| 1992 | 7.1 | 7.2 | 7.8 | 8.3 | 8.1 | 8.7 | 8.8 | 9.1 | 8.5 | 8.6 | 8.8 | 8.3 |
| 1993 | 8.2 | 8.8 | 9.1 | 9.5 | 8.5 | 8.4 | 8.5 | 8.0 | 7.8 | 8.1 | 8.0 | 7.8 |
| 1994 | 8.2 | 8.6 | 7.8 | 8.0 | 8.4 | 8.3 | 8.6 | 8.3 | 8.2 | 8.3 | 8.9 | 8.3 |
| 1995 | 8.4 | 8.2 | 7.5 | 7.4 | 7.4 | 7.1 | 7.1 | 7.2 | 7.0 | 7.5 | 7.9 | 7.8 |
| 1996 | 8.1 | 7.4 | 7.0 | 7.0 | 6.6 | 6.5 | 7.0 | 7.1 | 6.7 | 6.4 | 6.3 | 6.2 |
| 1997 | 6.6 | 6.5 | 6.9 | 7.1 | 6.9 | 6.4 | 5.9 | 6.1 | 6.0 | 6.2 | 6.5 | 6.1 |
| 1998 | 6.4 | 5.7 | 5.2 | 4.8 | 4.9 | 5.2 | 5.2 | 6.0 | 6.3 | 5.9 | 5.5 | 4.8 |
| 1999 | 4.9 | 4.9 | 4.6 | 4.8 | 4.9 | 4.8 | 4.8 | 4.8 | 4.9 | 5.0 | 4.6 | 4.3 |
| 2000 | 4.4 | 4.4 | 4.0 | 4.9 | 5.2 | 4.8 | 5.0 | 4.7 | 5.3 | 5.9 | 6.5 | 5.8 |
| 2001 | 5.6 | 5.9 | 5.8 | 5.5 | 5.4 | 5.6 | 5.6 | 5.5 | 5.6 | 5.6 | 5.6 | 5.0 |

[^11]Section Two: U.S. Industry Long-Term Funds


## Net New Cash Flow* by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total Net New Cash Flow | \$169,779.9 | \$228,874.0 | \$129,152.1 |
| Aggressive Growth | \$34,340.2 | \$129,318.5 | \$19,015.3 |
| Growth | 97,001.6 | 119,078.4 | 6,081.2 |
| Sector | 28,948.3 | 62,310.5 | $(7,917.0)$ |
| World Equity-Emerging Markets | 763.9 | 108.5 | $(1,249.9)$ |
| World Equity-Global | 3,091.2 | 22,688.8 | $(10,342.0)$ |
| World Equity-International | 5,986.8 | 31,461.5 | $(6,056.6)$ |
| World Equity-Regional | 1,382.5 | $(4,465.4)$ | $(4,153.5)$ |
| Growth and Income | 30,660.6 | $(32,079.8)$ | 31,986.0 |
| Income Equity | (14,509.4) | $(19,056.3)$ | 4,564.7 |
| Total Equity Funds | \$187,665.7 | \$309,364.7 | \$31,928.2 |
| Asset Allocation | (\$5,438.5) | (\$3,158.1) | (\$424.7) |
| Balanced | (140.2) | $(12,271.7)$ | 9,711.5 |
| Flexible Portfolio | $(2,387.3)$ | $(7,181.9)$ | $(2,357.2)$ |
| Income-Mixed | $(5,839.3)$ | $(8,116.0)$ | 2,590.5 |
| Total Hybrid Funds | (\$13,805.3) | $(\$ 30,727.7)$ | \$9,520.1 |
| Corporate Bond-General | (\$383.1) | (\$1,750.2) | \$2,284.4 |
| Corporate Bond-Intermediate-Term | 3,722.9 | $(2,514.3)$ | 5,484.0 |
| Corporate Bond-Short-Term | 2,855.1 | $(3,472.0)$ | 3,380.1 |
| High-Yield Bond | $(2,545.8)$ | $(12,305.9)$ | 7,195.5 |
| World Bond-Global General | $(1,423.1)$ | (869.8) | (429.0) |
| World Bond-Global Short-Term | (559.1) | (609.3) | (313.6) |
| World Bond-Other | (196.3) | (728.4) | (279.8) |
| Government Bond-General | $(2,620.0)$ | $(3,283.4)$ | 5,341.9 |
| Government Bond-Intermediate-Term | 846.2 | $(2,297.8)$ | 3,451.2 |
| Government Bond-Short-Term | (619.1) | $(3,440.6)$ | 3,610.1 |
| Government Bond-Mortgage-Backed | 191.5 | $(7,321.9)$ | 15,468.6 |
| Strategic Income | 8,801.5 | 2,968.0 | 30,918.5 |
| State Municipal Bond-General | $(4,602.4)$ | $(5,740.5)$ | 5,675.8 |
| State Municipal Bond-Short-Term | 19.5 | 227.8 | 954.8 |
| National Municipal Bond-General | $(7,004.1)$ | $(8,545.4)$ | 2,116.9 |
| National Municipal Bond-Short-Term | (564.2) | (79.3) | 2,844.4 |
| Total Bond Funds | (\$4,080.5) | (\$49,763.0) | \$87,703.8 |

[^12]
# Net New Cash Flow* and Total Net Assets of Equity Funds 

(millions of dollars)

## Net New Cash Flow Total Net Assets

1999
January
February
March
April
May
June
July
August
September
October
November
December
Total

2000
January
February
March
April
May
June
July
August
September
October
November
December
Total

2001
January
February
March
April
May
June
July
August
September
October
November
December
Total
\$17,221.8
767.1

12,570.4
25,849.5
14,953.8
18,870.3
12,335.1
9,475.2
11,246.5
20,964.6
18,526.8
24,884.6
\$187,665.7
\$44,541.0
55,609.6
40,220.3
35,505.0
17,224.2
21,962.8
16,760.3
24,064.6
17,618.2
19,286.3
5,032.8
11,539.6
\$309,364.7
\$24,936.9
$(3,285.0)$
$(20,694.3)$
19,103.1
18,383.2
10,850.6
$(1,278.3)$
$(4,953.3)$
$(29,962.0)$
873.1

15,152.2
2,802.0
\$31,928.2
$\$ 3,956,475.2$
4,231,187.1
\$4,093,533.7
3,688,854.0
\$3,073,611.9
2,976,057.7
3,109,136.5
3,265,041.1
3,220,462.4
3,424,674.2
3,367,283.3
3,342,455.2
3,301,188.3
3,506,880.2
3,672,348.4
4,041,890.1
\$4,041,890.1

4,441,463.1
4,246,875.6
4,106,403.4
4,320,124.0
4,246,154.9
4,571,681.5
4,388,624.3
4,283,751.2
3,854,652.1
3,961,921.9
\$3,961,921.9

3,402,940.5
3,715,684.3
3,744,556.2
3,677,236.7
3,589,269.6
3,382,577.2
3,019,008.8
3,111,176.0
3,348,579.5
3,418,173.5
\$3,418,173.5

[^13]
# Net New Cash Flow* and Total Net Assets of Hybrid Funds 

(millions of dollars)
Net New Cash Flow Total Net Assets

| 1999 |  |  |
| :---: | :---: | :---: |
| January | \$413.5 | \$365,886.8 |
| February | $(1,250.5)$ | 357,311.9 |
| March | $(1,141.7)$ | 363,443.9 |
| April | (530.6) | 377,171.0 |
| May | (414.4) | 370,888.0 |
| June | (415.5) | 380,644.0 |
| July | (425.2) | 373,581.3 |
| August | $(1,113.0)$ | 368,672.4 |
| September | $(1,030.2)$ | 362,420.8 |
| October | (958.8) | 370,558.7 |
| November | $(2,732.1)$ | 372,151.5 |
| December | $(4,206.8)$ | 378,809.5 |
| Total | (\$13,805.3) | \$378,809.5 |
| 2000 |  |  |
| January | (\$6,268.4) | \$350,899.1 |
| February | $(5,260.6)$ | 341,864.8 |
| March | $(5,345.7)$ | 353,458.8 |
| April | (2,054.2) | 346,124.3 |
| May | $(2,186.0)$ | 343,583.7 |
| June | $(1,911.4)$ | 347,254.6 |
| July | $(1,722.5)$ | 348,579.6 |
| August | $(1,746.7)$ | 358,560.2 |
| September | $(1,740.4)$ | 350,851.0 |
| October | $(1,220.9)$ | 349,858.2 |
| November | (304.5) | 338,781.7 |
| December | (966.4) | 346,275.8 |
| Total | (\$30,727.7) | \$346,275.8 |
| 2001 |  |  |
| January | \$2,509.8 | \$354,882.2 |
| February | 1,263.4 | 344,901.9 |
| March | (403.2) | 333,735.3 |
| April | 1,229.9 | 348,036.7 |
| May | 867.9 | 352,649.2 |
| June | 1,228.8 | 349,873.5 |
| July | 1,287.8 | 351,676.5 |
| August | (732.4) | 342,565.6 |
| September | $(1,274.0)$ | 324,083.3 |
| October | 1,550.2 | 330,329.1 |
| November | 955.6 | 342,952.3 |
| December | 1,036.3 | 346,330.5 |
| Total | \$9,520.1 | \$346,330.5 |

*Net new cash flow is the dollar value of new sales minus redemptions, combined with net exchanges.
Note: Data for funds that invest in other mutual funds were excluded from the series.

## Net New Cash Flow* and Total Net Assets of Bond Funds

(millions of dollars)
Net New Cash Flow Total Net Assets

| 1999 |  |  |
| :--- | ---: | ---: |
| January | $\$ 8,513.9$ | $\$ 846,924.9$ |
| February | $4,608.8$ | $845,050.4$ |
| March | $6,321.8$ | $855,340.9$ |
| April | $1,934.3$ | $862,696.8$ |
| May | $(1,745.3)$ | $851,547.9$ |
| June | $1,859.0$ | $845,733.6$ |
| July | 671.0 | $843,937.8$ |
| August | $(749.6)$ | $837,356.4$ |
| September | $(3,851.5)$ | $834,784.0$ |
| October | $(3,368.3)$ | $827,641.5$ |
| November | $(4,480.6)$ | $828,279.8$ |
| December | $(13,794.0)$ | $812,494.1$ |
| Total | $(\$ 4,080.5)$ | $\$ 812,494.1$ |
|  |  |  |
| 2000 |  |  |
| January | $(\$ 12,772.6)$ | $\$ 806,894.8$ |
| February | $(8,029.6)$ | $809,153.2$ |
| March | $(8,030.5)$ | $805,857.1$ |
| April | $(6,596.4)$ | $793,350.5$ |
| May | $(4,988.1)$ | $781,776.2$ |
| June | 117.0 | $796,252.4$ |
| July | $(186.5)$ | $801,091.8$ |
| August | $(1,715.0)$ | $806,754.1$ |
| September | $(3,621.9)$ | $801,663.2$ |
| October | $(1,971.7)$ | $799,262.1$ |
| November | $(582.1)$ | $799,036.6$ |
| December | $(1,385.6)$ | $811,188.5$ |
| Total | $(\$ 49,763.0)$ | $\$ 811,188.5$ |
|  |  |  |
| 2001 |  |  |
| January | $\$ 8,971.1$ | $883,309.2$ |
| February | $8,854.1$ | $844,512.6$ |
| March | $7,749.2$ | $852,046.6$ |
| April | $1,389.8$ | $845,968.1$ |
| May | $6,305.8$ | $858,351.5$ |
| June | $2,265.4$ | $860,822.6$ |
| July | $9,312.3$ | $882,291.3$ |
| August | $16,713.4$ | $908,315.7$ |
| September | $7,679.9$ | $909,554.6$ |
| October | $13,585.1$ | $935,132.8$ |
| November | $6,917.5$ | $934,084.6$ |
| December | $(2,039.8)$ | $925,124.0$ |
| Total | $\$ 87,703.8$ | $895,124.0$ |
|  |  |  |

[^14]Section Two: U.S. Industry Long-Term Funds

## An Overview: Sales, Redemptions, and Net Sales of Equity, Hybrid, and Bond Funds

(millions of dollars)

| Year | Sales | Redemptions | Net Sales |
| :--- | ---: | ---: | ---: |
| 1970 | $\$ 4,625.8$ | $\$ 2,987.6$ | $\$ 1,638.2$ |
| 1971 | $5,147.2$ | $4,750.2$ | 397.0 |
| 1972 | $4,892.5$ | $6,562.9$ | $(1,670.4)$ |
| 1973 | $4,359.3$ | $5,651.1$ | $(1,291.8)$ |
| 1974 | $3,091.5$ | $3,380.9$ | $(289.4)$ |
| 1975 | $3,307.2$ | $3,686.3$ | $(379.1)$ |
| 1976 | $4,360.5$ | $6,801.2$ | $(2,440.7)$ |
| 1977 | $6,399.6$ | $6,026.0$ | 373.6 |
| 1978 | $6,705.3$ | $7,232.4$ | $(527.1)$ |
| 1979 | $6,826.1$ | $8,005.0$ | $(1,178.9)$ |
| 1980 | $9,993.7$ | $8,200.0$ | $1,793.7$ |
| 1981 | $9,710.4$ | $7,470.4$ | $2,240.0$ |
| 1982 | $15,738.3$ | $7,571.8$ | $8,166.5$ |
| 1983 | $40,325.1$ | $14,677.6$ | $25,647.5$ |
|  |  |  |  |
| 1984 | $45,857.6$ | $20,030.2$ | $25,827.4$ |
| 1985 | $114,238.0$ | $33,814.2$ | $80,423.8$ |
| 1986 | $215,345.6$ | $66,988.5$ | $148,357.1$ |
| 1987 | $190,214.0$ | $116,076.1$ | $74,137.9$ |
| 1988 | $95,114.0$ | $92,326.2$ | $2,787.8$ |
| 1989 | $125,336.5$ | $91,526.0$ | $33,810.5$ |
| 1990 | $149,091.0$ | $98,065.2$ | $51,025.8$ |
| 1991 | $236,340.6$ | $116,582.4$ | $119,758.2$ |
| 1992 | $363,155.9$ | $165,303.0$ | $197,852.9$ |
| 1993 | $509,885.9$ | $230,972.4$ | $278,913.5$ |
| 1994 | $472,417.5$ | $329,218.2$ | $143,199.3$ |
| 1995 | $475,408.2$ | $312,894.8$ | $162,513.4$ |
| 1996 | $680,905.7$ | $397,430.2$ | $283,475.5$ |
| 1997 | $869,025.9$ | $541,192.5$ | $327,833.4$ |
| 1998 | $1,057,822.7$ | $747,680.4$ | $210,142.3$ |
| 1999 | $1,273,620.9$ | $1,021,188.8$ | $300,245.8$ |
| 2000 | $1,630,482.7$ | $1,330,236.9$ | $206,159.0$ |
| 2001 | $1,383,050.1$ | $176,891.1$ |  |
|  |  |  |  |

[^15]
## Sales of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :--- | ---: | ---: | ---: |
| Total Sales | $\$ 1,273,620.9$ | $\$ 1,630,482.7$ | $\$ 1,383,050.1$ |
|  |  |  |  |
| Aggressive Growth | $\$ 153,230.3$ | $\$ 290,294.8$ | $\$ 191,069.1$ |
| Growth | $294,832.0$ | $365,277.1$ | $249,664.2$ |
| Sector | $62,648.9$ | $121,515.3$ | $45,867.8$ |
| World Equity-Emerging Markets | $7,308.1$ | $11,628.1$ | $10,283.9$ |
| World Equity-Global | $47,807.3$ | $85,533.8$ | $51,528.1$ |
| World Equity-International | $108,132.8$ | $210,838.6$ | $172,054.9$ |
| World Equity-Regional | $22,786.6$ | $27,041.3$ | $16,808.9$ |
| Growth and Income | $227,631.8$ | $213,817.7$ | $210,521.9$ |
| Income Equity | $21,634.5$ | $20,478.9$ | $25,491.2$ |
| Total Equity Funds | $\$ 946,012.3$ | $\$ 1,346,425.6$ | $\$ 973,290.0$ |
|  |  |  |  |
| Asset Allocation | $\$ 6,906.7$ | $\$ 6,962.8$ | $\$ 7,351.3$ |
| Balanced | $42,799.9$ | $39,993.1$ | $44,164.7$ |
| Flexible Portfolio | $17,639.2$ | $13,714.5$ | $16,296.1$ |
| Income-Mixed | $11,902.0$ | $6,956.0$ | $11,448.8$ |
| Total Hybrid Funds | $\$ 79,247.8$ | $\$ 67,626.4$ | $\$ 79,260.9$ |
|  |  |  |  |
| Corporate Bond-General | $\$ 9,704.6$ | $\$ 8,825.4$ | $\$ 10,882.0$ |
| Corporate Bond-Intermediate-Term | $25,336.9$ | $17,230.8$ | $25,196.4$ |
| Corporate Bond-Short-Term | $22,756.6$ | $23,556.7$ | $30,609.6$ |
| High-Yield Bond | $39,171.9$ | $29,395.9$ | $39,873.2$ |
| World Bond-Global General | $3,495.0$ | $3,724.6$ | $4,306.9$ |
| World Bond-Global Short-Term | $1,576.7$ | $1,367.5$ | 952.7 |
| World Bond-Other | $1,385.6$ | $1,628.1$ | $1,551.1$ |
| Government Bond-General | $10,536.6$ | $9,043.1$ | $17,000.7$ |
| Government Bond-Intermediate-Term | $8,895.3$ | $6,382.5$ | $10,457.8$ |
| Government Bond-Short-Term | $8,987.0$ | $6,685.2$ | $14,123.1$ |
| Government Bond-Mortgage-Backed | $15,368.2$ | $9,854.4$ | $27,280.6$ |
| Strategic Income | $42,749.0$ | $50,310.9$ | $84,723.4$ |
| State Municipal Bond-General | $23,319.0$ | $17,803.2$ | $26,023.9$ |
| State Municipal Bond-Short-Term | $3,104.7$ | $2,607.9$ | $2,998.1$ |
| National Municipal Bond-General | $20,604.0$ | $18,337.5$ | $23,132.0$ |
| National Municipal Bond-Short-Term | $11,369.7$ | $11,387.7$ |  |
| Total Bond Funds | $\$ 248,360.8$ | $\$ 216,430.7$ | $\$ 330,499.2$ |
|  |  |  |  |

[^16]
## Reinvested Dividends of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total Reinvested Dividends | \$69,972.6 | \$66,276.2 | \$62,313.8 |
| Aggressive Growth | \$1,828.2 | \$1,448.6 | \$839.9 |
| Growth | 6,451.3 | 4,826.7 | 2,746.4 |
| Sector | 1,413.2 | 1,379.5 | 1,139.3 |
| World Equity-Emerging Markets | 86.1 | 110.6 | 118.4 |
| World Equity-Global | 1,732.2 | 1,785.7 | 1,303.3 |
| World Equity-International | 2,248.0 | 2,617.0 | 1,882.7 |
| World Equity-Regional | 298.8 | 248.0 | 242.7 |
| Growth and Income | 10,739.4 | 10,166.6 | 9,795.1 |
| Income Equity | 2,534.7 | 2,006.8 | 2,022.3 |
| Total Equity Funds | \$27,331.9 | \$24,589.5 | \$20,090.1 |
| Asset Allocation | \$1,077.4 | \$800.8 | \$761.6 |
| Balanced | 4,846.8 | 4,262.8 | 4,188.7 |
| Flexible Portfolio | 2,025.3 | 2,124.5 | 2,006.9 |
| Income-Mixed | 2,796.9 | 2,088.2 | 2,010.5 |
| Total Hybrid Funds | \$10,746.4 | \$9,276.3 | \$8,967.7 |
| Corporate Bond-General | \$1,121.8 | \$1,130.6 | \$1,078.9 |
| Corporate Bond-Intermediate-Term | 3,291.5 | 2,494.0 | 2,605.3 |
| Corporate Bond-Short-Term | 1,876.2 | 2,225.4 | 2,138.2 |
| High-Yield Bond | 6,812.0 | 6,225.3 | 6,126.2 |
| World Bond-Global General | 479.0 | 412.2 | 384.3 |
| World Bond-Global Short-Term | 173.5 | 104.3 | 93.7 |
| World Bond-Other | 184.7 | 292.3 | 205.3 |
| Government Bond-General | 1,457.3 | 1,292.1 | 1,427.1 |
| Government Bond-Intermediate-Term | 907.2 | 923.9 | 966.6 |
| Government Bond-Short-Term | 783.4 | 743.7 | 652.2 |
| Government Bond-Mortgage-Backed | 2,500.8 | 2,556.0 | 2,636.5 |
| Strategic Income | 4,377.0 | 6,604.7 | 7,442.6 |
| State Municipal Bond-General | 3,276.5 | 3,107.9 | 3,164.9 |
| State Municipal Bond-Short-Term | 215.9 | 151.0 | 155.8 |
| National Municipal Bond-General | 3,536.9 | 3,479.3 | 3,537.0 |
| National Municipal Bond-Short-Term | 900.6 | 667.7 | 641.4 |
| Total Bond Funds | \$31,894.3 | \$32,410.4 | \$33,256.0 |

Note: Data for funds that invest in other mutual funds were excluded from the series.

Section Two: U.S. Industry Long-Term Funds

## Sales Less Reinvested Dividends of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total New Sales | \$1,203,648.3 | \$1,564,206.5 | \$1,320,736.3 |
| Aggressive Growth | \$151,402.1 | \$288,846.2 | \$190,229.2 |
| Growth | 288,380.7 | 360,450.4 | 246,917.8 |
| Sector | 61,235.7 | 120,135.8 | 44,728.5 |
| World Equity-Emerging Markets | 7,222.0 | 11,517.5 | 10,165.5 |
| World Equity-Global | 46,075.1 | 83,748.1 | 50,224.8 |
| World Equity-International | 105,884.8 | 208,221.6 | 170,172.2 |
| World Equity-Regional | 22,487.8 | 26,793.3 | 16,566.2 |
| Growth and Income | 216,892.4 | 203,651.1 | 200,726.8 |
| Income Equity | 19,099.8 | 18,472.1 | 23,468.9 |
| Total Equity Funds | \$918,680.4 | \$1,321,836.1 | \$953,199.9 |
| Asset Allocation | \$5,829.3 | \$6,162.0 | \$6,589.7 |
| Balanced | 37,953.1 | 35,730.3 | 39,976.0 |
| Flexible Portfolio | 15,613.9 | 11,590.0 | 14,289.2 |
| Income-Mixed | 9,105.1 | 4,867.8 | 9,438.3 |
| Total Hybrid Funds | \$68,501.4 | \$58,350.1 | \$70,293.2 |
| Corporate Bond-General | \$8,582.8 | \$7,694.8 | \$9,803.1 |
| Corporate Bond-Intermediate-Term | 22,045.4 | 14,736.8 | 22,591.1 |
| Corporate Bond-Short-Term | 20,880.4 | 21,331.3 | 28,471.4 |
| High-Yield Bond | 32,359.9 | 23,170.6 | 33,747.0 |
| World Bond-Global General | 3,016.0 | 3,312.4 | 3,922.6 |
| World Bond-Global Short-Term | 1,403.2 | 1,263.2 | 859.0 |
| World Bond-Other | 1,200.9 | 1,335.8 | 1,345.8 |
| Government Bond-General | 9,079.3 | 7,751.0 | 15,573.6 |
| Government Bond-Intermediate-Term | 7,988.1 | 5,458.6 | 9,491.2 |
| Government Bond-Short-Term | 8,203.6 | 5,941.5 | 13,470.9 |
| Government Bond-Mortgage-Backed | 12,867.4 | 7,298.4 | 24,644.1 |
| Strategic Income | 38,372.0 | 43,706.2 | 77,280.8 |
| State Municipal Bond-General | 20,042.5 | 14,695.3 | 22,859.0 |
| State Municipal Bond-Short-Term | 2,888.8 | 2,456.9 | 2,842.3 |
| National Municipal Bond-General | 17,067.1 | 14,858.2 | 19,595.0 |
| National Municipal Bond-Short-Term | 10,469.1 | 9,009.3 | 10,746.3 |
| Total Bond Funds | \$216,466.5 | \$184,020.3 | \$297,243.2 |

[^17]|  |  | Equit | ybrid, | ond Fun (millions | ions to S | eholders |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Dividend | tributions |  |  | Capital G | stributions |  |
| Year | Total | Equity Funds | Hybrid Funds | Bond Funds | Total | Equity Funds | Hybrid Funds | Bond Funds |
| 1985 | \$12,719.3 | \$3,229.0 | \$1,098.1 | \$8,392.2 | \$4,894.5 | \$3,699.3 | \$738.5 | \$456.7 |
| 1986 | 22,689.3 | 6,328.3 | 1,499.3 | 14,861.7 | 17,660.9 | 13,942.4 | 1,240.1 | 2,478.4 |
| 1987 | 31,707.9 | 7,246.4 | 1,933.6 | 22,527.9 | 22,925.6 | 18,602.8 | 1,604.5 | 2,718.3 |
| 1988 | 31,965.9 | 6,554.1 | 1,872.5 | 23,539.3 | 6,353.5 | 4,785.3 | 620.2 | 948.0 |
| 1989 | 34,102.4 | 10,235.1 | 2,164.9 | 21,702.4 | 14,765.8 | 12,664.7 | 539.5 | 1,561.6 |
| 1990 | 33,156.0 | 8,787.4 | 2,350.3 | 22,018.3 | 8,017.2 | 6,832.6 | 442.9 | 741.7 |
| 1991 | 35,145.0 | 9,007.0 | 2,337.1 | 23,800.9 | 13,917.2 | 11,961.0 | 861.0 | 1,095.2 |
| 1992 | 58,608.3 | 17,022.8 | 4,483.4 | 37,102.1 | 22,088.6 | 17,294.4 | 1,488.3 | 3,305.9 |
| 1993 | 73,177.6 | 20,230.0 | 6,810.2 | 46,137.4 | 35,904.6 | 27,704.8 | 3,495.8 | 4,704.0 |
| 1994 | 61,320.5 | 17,336.9 | 6,897.6 | 37,086.0 | 29,825.4 | 26,431.7 | 2,412.6 | 981.1 |
| 1995 | 67,230.6 | 22,567.2 | 9,053.5 | 35,610.1 | 54,274.5 | 50,203.9 | 3,346.8 | 723.8 |
| 1996 | 73,291.6 | 25,062.5 | 9,851.6 | 38,377.5 | 100,508.3 | 88,211.8 | 10,845.7 | 1,450.8 |
| 1997 | 79,896.2 | 27,971.2 | 11,606.7 | 40,318.3 | 183,385.8 | 161,365.3 | 19,079.9 | 2,940.6 |
| 1998 | 81,013.8 | 25,499.0 | 11,451.8 | 44,063.0 | 164,991.1 | 138,687.0 | 21,565.1 | 4,739.0 |
| 1999 | 95,443.1 | 32,543.8 | 13,100.6 | 49,798.7 | 237,624.7 | 219,484.5 | 16,841.0 | 1,299.2 |
| 2000 | 88,213.9 | 27,987.4 | 10,681.1 | 49,545.4 | 325,872.4 | 307,618.0 | 17,807.9 | 446.5 |
| 2001 | 82,975.8 | 22,325.5 | 10,169.4 | 50,480.9 | 68,894.0 | 60,718.4 | 5,754.6 | 2,421.0 |
| Note: Data for funds that invest in other mutual funds were excluded from the series. |  |  |  |  |  |  |  |  |

Section Two: U.S. Industry Long-Term Funds

## Annual Redemption Rate for Equity, Hybrid, and Bond Funds

(millions of dollars)

| Average |  |  | Redemption |
| :---: | :---: | :---: | :---: |
| Year | Total Net Assets | Redemptions | Rate |
| 1970 | \$47,954 | \$2,988 | 6.2\% |
| 1971 | 51,332 | 4,750 | 9.3 |
| 1972 | 57,438 | 6,563 | 11.4 |
| 1973 | 53,175 | 5,651 | 10.6 |
| 1974 | 40,290 | 3,381 | 8.4 |
| 1975 | 38,120 | 3,686 | 9.7 |
| 1976 | 44,880 | 6,801 | 15.2 |
| 1977 | 46,316 | 6,026 | 13.0 |
| 1978 | 45,014 | 7,232 | 16.1 |
| 1979 | 46,980 | 8,005 | 17.0 |
| 1980 | 53,690 | 8,200 | 15.3 |
| 1981 | 56,803 | 7,470 | 13.2 |
| 1982 | 66,024 | 7,572 | 11.5 |
| 1983 | 95,220 | 14,678 | 15.4 |
| 1984 | 125,983 | 20,030 | 15.9 |
| 1985 | 201,366 | 33,814 | 16.8 |
| 1986 | 344,426 | 66,989 | 19.4 |
| 1987 | 458,405 | 116,076 | 25.3 |
| 1988 | 469,801 | 92,326 | 19.7 |
| 1989 | 519,432 | 91,526 | 17.6 |
| 1990 | 550,371 | 98,065 | 17.8 |
| 1991 | 736,207 | 116,582 | 15.8 |
| 1992 | 981,037 | 165,303 | 16.8 |
| 1993 | 1,316,011 | 230,972 | 17.6 |
| 1994 | 1,555,755 | 329,218 | 21.2 |
| 1995 | 1,807,283 | 312,895 | 17.3 |
| 1996 | 2,378,390 | 397,430 | 16.7 |
| 1997 | 3,073,865 | 541,193 | 17.6 |
| 1998 | 3,814,974 | 747,680 | 19.6 |
| 1999 | 4,759,809 | 1,021,189 | 21.5 |
| 2000 | 5,116,828 | 1,330,237 | 26.0 |
| 2001 | 4,985,677 | 1,176,891 | 23.6 |

Note: "Average Total Net Assets" are an average of values at the beginning of the year and at the end of the year. The redemption rate is the dollar redemption volume as a percent of average assets. The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

Section Two: U.S. Industry Long-Term Funds

## Redemptions of Equity, Hybrid, and Bond Funds by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total Redemptions | \$1,021,188.8 | \$1,330,236.9 | \$1,176,891.1 |
| Aggressive Growth | \$125,184.3 | \$186,842.9 | \$168,679.9 |
| Growth | 206,029.4 | 263,494.6 | 228,247.2 |
| Sector | 36,468.6 | 71,114.5 | 49,469.2 |
| World Equity-Emerging Markets | 6,816.1 | 11,259.4 | 11,093.4 |
| World Equity-Global | 42,334.2 | 63,250.2 | 56,286.4 |
| World Equity-International | 100,680.6 | 179,235.7 | 173,045.6 |
| World Equity-Regional | 21,406.7 | 28,468.7 | 18,723.7 |
| Growth and Income | 178,907.2 | 206,563.4 | 167,234.7 |
| Income Equity | 26,325.6 | 28,343.1 | 20,139.9 |
| Total Equity Funds | \$744,152.7 | \$1,038,572.5 | \$892,920.0 |
| Asset Allocation | \$9,118.0 | \$7,958.4 | \$6,757.6 |
| Balanced | 33,914.3 | 39,401.6 | 31,577.5 |
| Flexible Portfolio | 16,322.7 | 17,241.7 | 15,660.3 |
| Income-Mixed | 11,712.7 | 9,908.6 | 7,042.8 |
| Total Hybrid Funds | \$71,067.7 | \$74,510.3 | \$61,038.2 |
| Corporate Bond-General | \$8,414.6 | \$8,971.3 | \$8,415.2 |
| Corporate Bond-Intermediate-Term | 17,644.4 | 16,313.8 | 19,483.3 |
| Corporate Bond-Short-Term | 18,509.8 | 23,812.4 | 25,632.2 |
| High-Yield Bond | 32,125.4 | 30,805.3 | 26,798.9 |
| World Bond-Global General | 3,947.8 | 3,698.2 | 4,089.6 |
| World Bond-Global Short-Term | 1,873.2 | 1,852.2 | 1,160.4 |
| World Bond-Other | 1,270.3 | 1,985.7 | 1,511.8 |
| Government Bond-General | 10,324.8 | 9,857.7 | 10,606.0 |
| Government Bond-Intermediate-Term | 6,669.8 | 7,176.6 | 7,179.4 |
| Government Bond-Short-Term | 7,339.6 | 7,196.3 | 10,332.7 |
| Government Bond-Mortgage-Backed | 12,305.0 | 13,459.6 | 11,789.5 |
| Strategic Income | 28,068.4 | 38,718.6 | 50,531.1 |
| State Municipal Bond-General | 22,381.3 | 19,947.7 | 16,961.4 |
| State Municipal Bond-Short-Term | 2,794.9 | 2,129.4 | 1,959.4 |
| National Municipal Bond-General | 21,286.3 | 22,395.2 | 18,153.7 |
| National Municipal Bond-Short-Term | 11,012.8 | 8,834.1 | 8,328.3 |
| Total Bond Funds | \$205,968.4 | \$217,154.1 | \$222,932.9 |

Note: Data for funds that invest in other mutual funds were excluded from the series.

Section Two: U.S. Industry Long-Term Funds

## Total Purchases, Total Sales, and Net Purchases of Portfolio Securities by Equity, Hybrid, and Bond Funds

(millions of dollars)

| Year | Total Purchases | Total Sales | Net Purchases |
| :---: | :---: | :---: | :---: |
| 1970 | \$20,405.0 | \$18,588.5 | \$1,816.5 |
| 1971 | 25,360.2 | 24,793.8 | 566.4 |
| 1972 | 24,467.6 | 25,823.6 | $(1,356.0)$ |
| 1973 | 19,706.6 | 21,903.0 | $(2,196.4)$ |
| 1974 | 12,299.7 | 12,213.5 | 86.2 |
| 1975 | 15,396.9 | 15,511.4 | (114.5) |
| 1976 | 15,348.2 | 16,881.2 | $(1,533.0)$ |
| 1977 | 18,168.0 | 19,420.7 | $(1,252.7)$ |
| 1978 | 20,945.6 | 23,069.7 | $(2,124.1)$ |
| 1979 | 22,412.1 | 23,702.5 | $(1,290.4)$ |
| 1980 | 32,987.2 | 32,080.6 | 906.6 |
| 1981 | 36,161.7 | 33,709.2 | 2,452.5 |
| 1982 | 55,682.0 | 47,920.7 | 7,761.3 |
| 1983 | 93,009.5 | 71,466.5 | 21,543.0 |
| 1984 | 119,272.6 | 98,934.5 | 20,338.1 |
| 1985 | 259,496.1 | 186,985.2 | 72,510.9 |
| 1986 | 500,596.6 | 365,087.4 | 135,509.2 |
| 1987 | 530,600.7 | 485,270.9 | 45,329.8 |
| 1988 | 410,509.2 | 421,223.7 | $(10,714.5)$ |
| 1989 | 471,744.1 | 445,453.3 | 26,290.8 |
| 1990 | 554,719.8 | 505,779.6 | 48,940.2 |
| 1991 | 735,674.4 | 608,111.1 | 127,563.3 |
| 1992 | 949,366.0 | 758,475.0 | 190,891.0 |
| 1993 | 1,335,505.6 | 1,060,360.3 | 275,145.3 |
| 1994 | 1,433,738.7 | 1,329,324.2 | 104,414.5 |
| 1995 | 1,550,510.3 | 1,400,701.8 | 149,808.5 |
| 1996 | 2,018,253.2 | 1,736,883.7 | 281,369.5 |
| 1997 | 2,384,639.4 | 2,108,980.6 | 275,658.8 |
| 1998 | 2,861,561.9 | 2,560,074.4 | 301,487.5 |
| 1999 | 3,437,179.7 | 3,224,301.2 | 212,878.5 |
| 2000 | 4,923,152.2 | 4,698,519.0 | 224,633.2 |
| 2001 | 4,692,997.7 | 4,397,643.6 | 295,354.1 |

[^18]Section Two: U.S. Industry Long-Term Funds

## Total Purchases, Total Sales, and Net Purchases of Common Stocks by Equity, Hybrid, and Bond Funds

(millions of dollars)

| Year | Total Purchases | Total Sales | Net Purchases |
| :---: | :---: | :---: | :---: |
| 1970 | \$17,127.6 | \$15,900.8 | \$1,226.8 |
| 1971 | 21,557.7 | 21,175.1 | 382.6 |
| 1972 | 20,943.5 | 22,552.8 | $(1,609.3)$ |
| 1973 | 15,560.7 | 17,504.4 | $(1,943.7)$ |
| 1974 | 9,085.3 | 9,372.1 | (286.8) |
| 1975 | 10,948.7 | 11,902.3 | (953.6) |
| 1976 | 10,729.1 | 13,278.3 | $(2,549.2)$ |
| 1977 | 8,704.7 | 12,211.3 | $(3,506.6)$ |
| 1978 | 12,832.9 | 14,454.7 | $(1,621.8)$ |
| 1979 | 13,089.0 | 15,923.0 | $(2,834.0)$ |
| 1980 | 19,893.8 | 21,799.9 | $(1,906.1)$ |
| 1981 | 20,859.7 | 21,278.3 | (418.6) |
| 1982 | 27,397.2 | 24,939.6 | 2,457.6 |
| 1983 | 54,581.7 | 40,813.9 | 13,767.8 |
| 1984 | 56,588.1 | 50,899.9 | 5,688.2 |
| 1985 | 80,719.0 | 72,577.4 | 8,141.6 |
| 1986 | 134,446.4 | 118,025.7 | 16,420.7 |
| 1987 | 198,859.3 | 176,003.9 | 22,855.4 |
| 1988 | 112,742.3 | 128,815.2 | $(16,072.9)$ |
| 1989 | 142,770.9 | 141,694.3 | 1,076.6 |
| 1990 | 166,397.6 | 146,580.2 | 19,817.4 |
| 1991 | 250,288.7 | 209,275.8 | 41,012.9 |
| 1992 | 327,517.7 | 261,857.2 | 65,660.6 |
| 1993 | 506,712.7 | 380,855.2 | 125,857.5 |
| 1994 | 628,667.8 | 512,346.4 | 116,321.4 |
| 1995 | 790,016.7 | 686,756.2 | 103,260.5 |
| 1996 | 1,151,262.3 | 927,265.9 | 223,996.4 |
| 1997 | 1,457,384.4 | 1,268,983.5 | 188,400.9 |
| 1998 | 1,762,565.3 | 1,597,310.7 | 165,254.6 |
| 1999 | 2,262,505.4 | 2,088,543.7 | 173,961.7 |
| 2000 | 3,560,898.8 | 3,330,713.7 | 230,185.1 |
| 2001 | 2,740,505.5 | 2,613,332.7 | 127,172.8 |

[^19]Section Two: U.S. Industry Long-Term Funds

## Total Purchases, Total Sales, and Net Purchases of Securities Other Than Common Stocks by Equity, Hybrid, and Bond Funds

(millions of dollars)

| Year | Total Purchases | Total Sales | Net Purchases |
| :---: | :---: | :---: | :---: |
| 1970 | \$3,277.4 | \$2,687.7 | \$589.7 |
| 1971 | 3,802.5 | 3,618.7 | 183.8 |
| 1972 | 3,524.1 | 3,270.8 | 253.3 |
| 1973 | 4,145.9 | 4,398.6 | (252.7) |
| 1974 | 3,214.4 | 2,841.4 | 373.0 |
| 1975 | 4,448.2 | 3,609.1 | 839.1 |
| 1976 | 4,619.1 | 3,602.9 | 1,016.2 |
| 1977 | 9,463.3 | 7,209.4 | 2,253.9 |
| 1978 | 8,112.7 | 8,615.0 | (502.3) |
| 1979 | 9,323.1 | 7,779.5 | 1,543.6 |
| 1980 | 13,093.4 | 10,280.7 | 2,812.7 |
| 1981 | 15,302.0 | 12,430.9 | 2,871.1 |
| 1982 | 28,284.8 | 22,981.1 | 5,303.7 |
| 1983 | 38,427.8 | 30,652.6 | 7,775.2 |
| 1984 | 62,684.5 | 48,034.6 | 14,649.9 |
| 1985 | 178,777.1 | 114,407.8 | 64,369.3 |
| 1986 | 366,150.2 | 247,061.7 | 119,088.5 |
| 1987 | 331,741.4 | 309,267.0 | 22,474.4 |
| 1988 | 297,766.9 | 292,408.5 | 5,358.3 |
| 1989 | 328,973.2 | 303,759.0 | 25,214.2 |
| 1990 | 388,322.2 | 359,199.4 | 29,122.8 |
| 1991 | 485,385.7 | 398,835.3 | 86,550.4 |
| 1992 | 621,848.3 | 496,617.8 | 125,230.5 |
| 1993 | 828,792.9 | 679,505.1 | 149,287.7 |
| 1994 | 805,070.9 | 816,977.8 | $(11,906.9)$ |
| 1995 | 760,493.6 | 713,945.6 | 46,548.0 |
| 1996 | 867,990.9 | 809,617.8 | 57,373.1 |
| 1997 | 927,255.0 | 839,997.1 | 87,257.9 |
| 1998 | 1,098,996.6 | 962,763.7 | 136,232.9 |
| 1999 | 1,174,674.3 | 1,135,757.5 | 38,916.8 |
| 2000 | 1,362,253.4 | 1,367,805.3 | $(5,551.9)$ |
| 2001 | 1,952,492.2 | 1,784,310.9 | 168,181.3 |

[^20]Portfolio Purchases by Investment Objective
(millions of dollars)

|  | All Securities |  | Common Stock Only |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2000 | 2001 | 2000 | 2001 |
| Total \$ | \$4,923,152.2 | \$4,692,997.7 | \$3,560,898.8 | \$2,740,505.5 |
| Aggressive Growth | \$869,293.9 | \$660,591.1 | \$848,470.4 | \$641,849.6 |
| Growth | 1,193,023.6 | 905,094.5 | 1,165,669.2 | 876,585.8 |
| Sector | 290,744.4 | 179,844.4 | 285,960.4 | 172,669.9 |
| World Equity-Emerging Markets | 20,440.5 | 14,534.8 | 17,774.0 | 12,865.2 |
| World Equity-Global | 225,114.0 | 149,801.1 | 208,494.2 | 137,084.6 |
| World Equity-International | 280,807.3 | 195,132.0 | 267,088.3 | 179,034.6 |
| World Equity-Regional | 32,902.6 | 23,725.7 | 31,807.6 | 21,678.8 |
| Growth and Income | 555,131.0 | 526,917.8 | 512,050.8 | 475,721.8 |
| Income Equity | 70,116.5 | 78,473.0 | 59,658.4 | 61,739.5 |
| Total Equity Funds \$ | \$3,537,573.8 | \$2,734,114.4 | \$3,396,973.3 | \$2,579,229.8 |
| Asset Allocation | \$43,273.2 | \$45,434.1 | \$28,077.8 | \$25,955.7 |
| Balanced | 163,003.1 | 197,169.1 | 78,919.5 | 81,199.1 |
| Flexible Portfolio | 74,263.9 | 80,378.2 | 41,642.4 | 37,165.5 |
| Income-Mixed | 37,122.6 | 39,101.7 | 7,488.6 | 8,961.3 |
| Total Hybrid Funds | \$317,662.8 | \$362,083.1 | \$156,128.3 | \$153,281.6 |
| Corporate Bond-General | \$43,286.5 | \$85,120.1 | \$101.5 | \$514.0 |
| Corporate Bond-Intermediate-Term | 98,468.1 | 159,814.4 | 1,133.4 | 1,227.8 |
| Corporate Bond-Short-Term | 37,944.4 | 65,319.2 | 912.6 | 431.6 |
| High-Yield Bond | 62,039.0 | 84,146.0 | 3,023.0 | 2,701.5 |
| World Bond-Global General | 25,720.1 | 25,880.1 | 935.2 | 507.0 |
| World Bond-Global Short-Term | 5,379.1 | 3,382.6 | 51.2 | 130.4 |
| World Bond-Other | 13,123.4 | 11,729.0 | 321.1 | 375.4 |
| Government Bond-General | 82,675.7 | 129,992.5 | - | - |
| Government Bond-Intermediate-Term | 30,431.3 | 48,778.1 | - | - |
| Government Bond-Short-Term | 33,672.4 | 46,329.8 | - | - |
| Government Bond-Mortgage-Backed | 139,384.3 | 145,872.6 | - | - |
| Strategic Income | 391,822.0 | 652,908.0 | 1,319.2 | 2,106.4 |
| State Municipal Bond-General | 37,001.9 | 51,516.6 | - | - |
| State Municipal Bond-Short-Term | m 2,976.2 | 5,582.2 | - | - |
| National Municipal Bond-Genera | al 48,223.4 | 60,161.3 | - | - |
| National Municipal Bond-Short-Term | 15,767.8 | 20,267.7 | - | - |
| Total Bond Funds \$ | \$1,067,915.6 | \$1,596,800.2 | \$7,797.2 | \$7,994.1 |

[^21]
## Portfolio Sales by Investment Objective

(millions of dollars)

|  | All Securities |  | Common Stock Only |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2000 | 2001 | 2000 | 2001 |
| Total \$ | \$4,698,519.0 | \$4,397,643.6 | \$3,330,713.7 | \$2,613,332.7 |
| Aggressive Growth | \$766,923.1 | \$620,728.4 | \$747,582.3 | \$602,280.0 |
| Growth | 1,088,931.9 | 879,763.7 | 1,060,010.5 | 849,158.9 |
| Sector | 237,706.8 | 179,975.5 | 233,586.2 | 172,809.3 |
| World Equity-Emerging Markets | 20,748.3 | 14,958.7 | 18,061.5 | 13,027.2 |
| World Equity-Global | 202,307.3 | 149,605.0 | 188,436.1 | 134,882.5 |
| World Equity-International | 255,458.6 | 191,680.1 | 241,815.7 | 175,482.4 |
| World Equity-Regional | 36,775.9 | 26,743.8 | 35,688.3 | 24,848.8 |
| Growth and Income | 587,432.1 | 484,478.7 | $548,775.7$ | 442,922.0 |
| Income Equity | 90,096.3 | 70,960.9 | 78,827.6 | 56,447.6 |
| Total Equity Funds \$ | \$3,286,380.3 | \$2,618,894.8 | \$3,152,783.9 | \$2,471,858.7 |
| Asset Allocation | \$45,194.9 | \$44,365.6 | \$30,095.2 | \$24,677.5 |
| Balanced | 167,878.5 | 180,848.2 | 84,383.7 | 66,496.0 |
| Flexible Portfolio | 80,565.4 | 79,438.4 | 42,881.8 | 33,339.4 |
| Income-Mixed | 45,556.9 | 34,456.8 | 11,189.2 | 8,479.3 |
| Total Hybrid Funds | \$339,195.7 | \$339,109.0 | \$168,549.9 | \$132,992.2 |
| Corporate Bond-General | \$42,899.7 | \$80,017.4 | \$113.3 | \$406.7 |
| Corporate Bond-Intermediate-Term | 97,780.7 | 152,274.6 | 1,186.6 | 1,127.0 |
| Corporate Bond-Short-Term | 36,060.3 | 57,127.5 | 1,871.5 | 424.2 |
| High-Yield Bond | 72,331.1 | 70,210.8 | 3,350.4 | 3,167.8 |
| World Bond-Global General | 25,360.0 | 25,722.9 | 938.7 | 643.3 |
| World Bond-Global Short-Term | 5,741.3 | 3,573.6 | 45.2 | 120.5 |
| World Bond-Other | 13,655.8 | 11,695.1 | 339.6 | 311.6 |
| Government Bond-General | 83,666.8 | 121,570.5 | - | - |
| Government Bond-Intermediate-Term | 31,282.7 | 43,363.3 | - | - |
| Government Bond-Short-Term | 36,802.4 | 39,708.4 | - | - |
| Government Bond-Mortgage-Backed | 140,585.8 | 119,263.9 | - | - |
| Strategic Income | 373,365.5 | 598,237.9 | 1,534.6 | 2,280.7 |
| State Municipal Bond-General | 40,723.5 | 42,161.3 | - | - |
| State Municipal Bond-Short-Term | m 3,375.6 | 4,602.3 | - | - |
| National Municipal Bond-General | al 53,464.7 | 53,847.0 | - | - |
| National Municipal Bond-Short-Term | 15,847.1 | 16,263.3 | - | - |
| Total Bond Funds \$ | \$1,072,943.0 | \$1,439,639.8 | \$9,379.9 | \$8,481.8 |

[^22]Section Three: U.S. Industry Short-Term Funds

| Total Short-Term Funds <br> (millions of dollars) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Total Sales | Total Redemptions | Net Sales | Net New Cash Flow* | Dividend Distributions | Number of Funds | Total Accounts Outstanding | Total Net Assets |
| 1980 | \$237,427.7 | \$207,877.7 | \$29,550.0 | \$24,022.7 | \$7,765.7 | 106 | 4,762,103 | \$76,361.3 |
| 1981 | 462,422.6 | 354,972.1 | 107,450.5 | 91,143.7 | 18,573.3 | 179 | 10,323,466 | 186,158.2 |
| 1982 | 611,202.9 | 580,778.4 | 30,424.5 | 9,184.1 | 21,980.0 | 318 | 13,258,143 | 219,837.5 |
| 1983 | 507,447.0 | 551,151.3 | $(43,704.3)$ | $(55,664.9)$ | 13,782.3 | 373 | 12,539,688 | 179,386.5 |
| 1984 | 634,228.0 | 586,990.5 | 47,237.5 | 33,040.5 | 16,434.9 | 425 | 13,844,697 | 233,553.6 |
| 1985 | 839,498.9 | 831,065.6 | 8,433.3 | $(8,940.9)$ | 15,707.7 | 460 | 14,934,631 | 243,802.4 |
| 1986 | 989,816.0 | 948,641.4 | 41,174.7 | 26,465.1 | 14,832.1 | 487 | 16,313,148 | 292,151.6 |
| 1987 | 1,060,949.2 | 1,062,520.2 | $(1,571.0)$ | $(5,189.0)$ | 15,654.0 | 543 | 17,674,790 | 316,096.1 |
| 1988 | 1,081,695.1 | 1,074,340.3 | 7,355.0 | $(8,961.9)$ | 21,618.1 | 610 | 18,569,817 | 337,953.6 |
| 1989 | 1,319,453.1 | 1,235,527.0 | 83,926.1 | 55,703.4 | 28,618.8 | 673 | 21,314,228 | 428,093.3 |
| 1990 | 1,415,701.3 | 1,372,725.3 | 42,976.1 | 23,219.6 | 30,257.9 | 741 | 22,968,817 | 498,341.4 |
| 1991 | 1,800,758.0 | 1,763,106.3 | 37,651.8 | 5,499.0 | 28,604.3 | 820 | 23,556,000 | 542,441.7 |
| 1992 | 2,386,288.2 | 2,382,975.9 | 3,312.4 | $(16,288.9)$ | 20,279.7 | 864 | 23,647,186 | 546,194.6 |
| 1993 | 2,677,539.6 | 2,673,464.4 | 4,075.1 | $(14,110.2)$ | 18,991.3 | 920 | 23,585,329 | 565,319.1 |
| 1994 | 2,603,333.9 | 2,598,992.9 | 4,341.0 | 8,766.9 | 23,736.6 | 963 | 25,378,671 | 611,004.5 |
| 1995 | 3,125,209.0 | 3,001,928.0 | 123,281.0 | 89,411.1 | 37,037.7 | 997 | 30,136,777 | 753,017.7 |
| 1996 | 3,990,530.5 | 3,868,771.7 | 121,758.9 | 89,421.8 | 42,554.8 | 988 | 32,199,937 | 901,807.0 |
| 1997 | 4,930,584.6 | 4,782,897.7 | 147,686.9 | 102,069.4 | 48,842.6 | 1,013 | 35,624,081 | 1,058,885.7 |
| 1998 | 6,172,574.9 | 5,901,591.2 | 270,983.4 | 235,335.2 | 57,375.5 | 1,026 | 38,847,345 | 1,351,678.2 |
| 1999 | 7,769,960.2 | 7,540,911.9 | 229,048.6 | 193,630.4 | 69,004.0 | 1,045 | 43,615,576 | 1,613,145.5 |
| 2000 | 9,478,951.7 | 9,255,974.5 | 222,977.1 | 159,635.6 | 98,218.6 | 1,039 | 48,138,495 | 1,845,280.7 |
| 2001 | 11,483,164.5 | 11,065,103.8 | 418,060.7 | 375,647.3 | 79,308.9 | 1,015 | 47,236,474 | 2,285,347.9 |

Section Three: U.S. Industry Short-Term Funds

|  |  |  | An Overview: Taxable Money Market Funds |  |  |  |  |  |  |  |
| :--- | ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (millions of dollars) |  |  |  |  |  |  |  |  |  |  |

[^23]Section Three: U.S. Industry Short-Term Funds
An Overview: Tax-Exempt Money Market Funds
 Total Accounts Outstanding
754,068
 Number
 Dividend
Distributions
$\$ 2,990.1$
652.0
$3,011.1$
924.8
$2,688.9$
$1,121.4$
$2,463.2$
$1,020.2$
$2,171.5$
911.3
$2,024.1$
$1,277.7$
$1,810.3$
$1,426.1$
$2,832.0$
$1,383.5$
$2,795.9$
$1,395.0$
$3,059.7$
$1,673.3$
$3,446.3$
$1,856.8$
$3,709.0$
$2,187.6$
$5,255.9$
$3,006.9$
$4,077.5$
$2,114.1$ (millions of dollars) Net New
Cash Flow*
 6
$\underset{\sim}{6}$
$\underset{\sim}{2}$

 $m$
n
$\infty$
$\infty$
in
 $6 m$
0
0
$\vdots$
$m$
$m$
$\sim$
 $m$
$\infty$
0
0
0
-1
-
-

 Total
Redemptions

 Total Sales




Section Three: U.S. Industry Short-Term Funds

## Taxable Money Market Fund Monthly Total Net Assets by Type of Fund

(thousands of dollars)

|  | Retail | Institutional | Total |
| :--- | ---: | ---: | ---: |
| 1999 |  |  |  |
| January | $\$ 711,589,933$ | $\$ 506,975,354$ | $\$ 1,218,565,287$ |
| February | $733,309,788$ | $509,849,984$ | $1,243,159,772$ |
| March | $742,385,570$ | $496,164,575$ | $1,238,550,145$ |
| April | $733,958,496$ | $495,558,554$ | $1,229,517,050$ |
| May | $734,019,722$ | $503,198,208$ | $1,237,217,930$ |
| June | $733,322,421$ | $496,051,955$ | $1,229,374,376$ |
| July | $744,944,794$ | $505,718,337$ | $1,250,663,131$ |
| August | $762,679,930$ | $521,860,469$ | $1,284,540,399$ |
| September | $770,055,213$ | $513,510,718$ | $1,283,565,931$ |
| October | $774,192,353$ | $549,102,447$ | $1,323,294,800$ |
| November | $796,891,038$ | $576,770,982$ | $1,373,662,020$ |
| December | $808,377,229$ | $600,353,771$ | $1,408,731,000$ |

## 2000

| January | $\$ 832,568,272$ |
| :--- | ---: |
| February | $843,223,145$ |
| March | $866,748,438$ |
| April | $843,038,890$ |
| May | $843,437,961$ |
| June | $828,061,712$ |
| July | $838,105,705$ |
| August | $844,091,362$ |
| September | $845,498,188$ |
| October | $849,952,862$ |
| November | $871,577,916$ |
| December | $879,526,309$ |


| $\$ 612,499,921$ | $\$ 1,445,068,193$ |
| ---: | ---: |
| $622,341,486$ | $1,465,564,631$ |
| $608,952,364$ | $1,475,700,802$ |
| $597,328,042$ | $1,440,366,932$ |
| $615,927,596$ | $1,459,365,557$ |
| $615,581,881$ | $1,443,643,593$ |
| $638,841,591$ | $1,476,947,296$ |
| $662,344,588$ | $1,506,435,950$ |
| $661,843,727$ | $1,507,341,915$ |
| $684,206,427$ | $1,534,159,289$ |
| $716,635,580$ | $1,588,213,496$ |
| $727,721,910$ | $1,607,248,219$ |


| 2001 |  |  |  |
| :--- | ---: | ---: | ---: |
| January | $\$ 903,052,211$ | $\$ 811,820,187$ | $\$ 1,714,872,398$ |
| February | $924,263,455$ | $846,468,599$ | $1,770,732,054$ |
| March | $956,542,666$ | $829,873,968$ | $1,786,416,634$ |
| April | $929,332,097$ | $862,848,493$ | $1,792,180,590$ |
| May | $917,775,910$ | $906,094,208$ | $1,823,870,118$ |
| June | $908,804,779$ | $895,867,981$ | $1,804,672,760$ |
| July | $921,796,957$ | $893,279,007$ | $1,815,075,964$ |
| August | $929,633,516$ | $917,065,554$ | $1,846,699,070$ |
| September | $950,859,457$ | $951,903,897$ | $1,902,763,354$ |
| October | $954,755,053$ | $1,019,606,010$ | $1,974,361,063$ |
| November | $950,797,066$ | $1,081,914,608$ | $2,032,711,674$ |
| December | $941,486,242$ | $1,071,463,190$ | $2,012,949,432$ |

Note: Data for funds that invest in other mutual funds were excluded from the series.

## Taxable Money Market Fund Shareholder Accounts by Type of Fund

|  | Retail | Institutional | Total |
| :--- | :---: | ---: | :--- |
| 1999 |  |  |  |
| January | $33,881,111$ | $3,311,141$ | $37,192,252$ |
| February | $34,408,994$ | $3,311,180$ | $37,805,281$ |
| March | $34,480,851$ | $3,324,430$ | $38,253,662$ |
| April | $34,854,790$ | $3,398,872$ | $38,837,477$ |
| May | $35,431,038$ | $3,406,439$ | $39,133,310$ |
| June | $35,620,703$ | $3,512,607$ | $39,957,868$ |
| July | $36,029,205$ | $3,928,663$ | $40,394,165$ |
| August | $36,353,831$ | $4,040,334$ | $40,353,851$ |
| September | $36,238,145$ | $4,115,706$ | $40,829,472$ |
| October | $36,575,565$ | $4,253,907$ | $41,389,119$ |
| November | $37,147,411$ | $4,241,708$ | $41,177,138$ |
| December | $37,008,204$ | $4,168,934$ |  |
|  |  |  | $41,096,121$ |
| 2000 | $37,229,650$ | $3,381,750$ |  |
| January | $37,582,763$ | $3,866,471$ | $4,832,444$ |
| February | $39,045,555$ | $3,798,987$ | $43,688,815$ |
| March | $39,523,668$ | $3,786,889$ | $42,570,307$ |
| April | $39,684,064$ | $3,465,147$ | $42,535,464$ |
| May | $38,773,943$ | $3,935,315$ | $42,675,548$ |
| June | $38,806,874$ | $3,796,364$ | $44,991,847$ |
| July | $38,917,885$ | $3,728,590$ | $44,891,455$ |
| August | $40,799,576$ | $3,757,663$ | $45,479,697$ |
| September | $40,651,349$ | $4,192,271$ | $4,240,106$ |
| October | $41,234,620$ | $4,334,857$ | $4,320,083$ |

2001

| January | $41,447,999$ | $4,508,329$ | $45,956,328$ |
| :--- | :--- | :--- | :--- |
| February | $41,882,816$ | $4,650,059$ | $46,532,875$ |
| March | $42,257,917$ | $4,795,690$ | $47,053,607$ |
| April | $41,830,688$ | $4,751,895$ | $46,582,583$ |
| May | $42,021,649$ | $4,849,741$ | $46,590,421$ |
| June | $41,772,706$ | $4,817,715$ | $45,306,821$ |
| July | $40,402,682$ | $4,904,139$ | $45,460,474$ |
| August | $40,464,924$ | $4,995,550$ | $43,843,348$ |
| September | $38,797,825$ | $5,045,523$ | $44,472,257$ |
| October | $39,399,975$ | $5,072,282$ | $45,219,489$ |
| November | $40,136,819$ | $5,082,670$ | $44,414,701$ |

Note: Data for funds that invest in other mutual funds were excluded from the series.
Section Three: U.S. Industry Short-Term Funds

| Taxable Money Market Fund Asset Composition (millions of dollars) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| Total Net Assets | \$629,985.8 | \$761,989.0 | \$898,083.1 | \$1,163,166.7 | \$1,408,731.0 | \$1,607,248.2 | \$2,012,949.4 |
| U.S. Treasury Bills | 42,280.8 | 42,195.0 | 40,955.2 | 48,115.7 | 60,054.6 | 54,515.4 | 93,450.2 |
| Other Treasury Securities | 29,347.6 | 49,644.1 | 47,934.1 | 62,005.4 | 46,311.1 | 37,843.0 | 45,345.7 |
| U.S. Securities | 92,752.0 | 104,189.2 | 97,804.1 | 176,043.0 | 195,734.0 | 189,095.7 | 325,656.1 |
| Repurchase Agreements | 89,316.2 | 105,710.6 | 128,901.5 | 141,710.8 | 143,975.3 | 186,890.2 | 232,186.8 |
| Certificates of Deposits | 39,898.6 | 69,316.8 | 95,565.7 | 111,908.4 | 138,984.6 | 122,576.9 | 195,809.3 |
| Eurodollar CDs | 20,066.2 | 23,569.3 | 23,951.9 | 30,713.8 | 42,095.9 | 93,026.8 | 127,034.9 |
| Commercial Paper | 237,121.9 | 276,801.4 | 339,501.0 | 420,975.0 | 535,288.5 | 619,722.7 | 649,636.4 |
| Bank Notes | 16,727.7 | 12,398.3 | 21,017.4 | 33,668.5 | 33,828.2 | 46,120.5 | 25,342.4 |
| Bankers Acceptances | 3,059.6 | 2,619.9 | 3,472.6 | 2,860.5 | 2,884.3 | 1,782.5 | 3,850.5 |
| Corporate Notes* | - | - | - | 50,255.0 | 94,010.8 | 119,175.6 | 141,353.8 |
| Cash Reserves | $(3,596.0)$ | $(1,159.2)$ | 1,479.5 | $(1,046.9)$ | $(3,392.7)$ | 2,276.1 | 4,664.8 |
| Other Assets | 63,011.2 | 76,703.6 | 97,500.1 | 85,957.5 | 118,956.4 | 134,222.8 | 168,618.5 |
| Average Maturity (days) | 57 | 54 | 55 | 56 | 49 | 51 | 58 |
| Number of Funds | 674 | 666 | 682 | 685 | 702 | 703 | 689 |
| *Prior to 1998, corporate notes are included in the "Other Assets" category. |  |  |  |  |  |  |  |
| Note: Data for funds that invest in other mutual funds were excluded from the series. |  |  |  |  |  |  |  |

## Sales Due to Exchanges by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total | \$949,940.4 | \$1,149,752.6 | \$797,339.5 |
| Aggressive Growth | \$122,117.6 | \$193,321.2 | \$107,080.8 |
| Growth | 128,962.1 | 162,318.0 | 93,336.6 |
| Sector | 53,726.9 | 84,483.8 | 41,672.4 |
| World Equity-Emerging Markets | 3,213.9 | 5,254.6 | 1,859.2 |
| World Equity-Global | 38,729.1 | 52,298.9 | 21,384.8 |
| World Equity-International | 53,143.1 | 75,843.4 | 41,664.2 |
| World Equity-Regional | 16,355.9 | 15,680.2 | 10,798.8 |
| Growth and Income | 68,447.5 | 57,929.7 | 51,260.2 |
| Income Equity | 7,636.4 | 6,914.1 | 8,431.5 |
| Total Equity Funds | \$492,332.5 | \$654,043.9 | \$377,488.5 |
| Asset Allocation | \$2,467.2 | \$2,935.0 | \$4,611.5 |
| Balanced | 8,078.0 | 6,630.2 | 8,814.1 |
| Flexible Portfolio | 2,274.4 | 2,340.7 | 1,983.4 |
| Income-Mixed | 1,504.5 | 1,567.3 | 2,070.6 |
| Total Hybrid Funds | \$14,324.1 | \$13,473.2 | \$17,479.6 |
| Corporate Bond-General | \$2,180.5 | \$2,023.2 | \$3,343.7 |
| Corporate Bond-Intermediate-Term | 5,626.1 | 3,461.9 | 6,840.0 |
| Corporate Bond-Short-Term | 5,698.3 | 3,708.3 | 7,501.9 |
| High-Yield Bond | 13,000.2 | 10,268.3 | 11,093.0 |
| World Bond-Global General | 972.7 | 959.6 | 714.7 |
| World Bond-Global Short-Term | 104.6 | 93.2 | 107.7 |
| World Bond-Other | 289.4 | 280.0 | 339.9 |
| Government Bond-General | 5,785.6 | 3,615.2 | 8,308.4 |
| Government Bond-Intermediate-Term | 4,262.3 | 2,850.9 | 5,677.7 |
| Government Bond-Short-Term | 5,243.5 | 3,016.3 | 4,349.1 |
| Government Bond-Mortgage-Backed | 7,850.2 | 7,232.9 | 8,359.3 |
| Strategic Income | 6,601.6 | 8,161.0 | 16,216.4 |
| State Municipal Bond-General | 6,383.5 | 5,121.1 | 5,086.2 |
| State Municipal Bond-Short-Term | 601.0 | 187.7 | 280.4 |
| National Municipal Bond-General | 14,004.5 | 8,992.3 | 11,238.1 |
| National Municipal Bond-Short-Term | 3,051.1 | 1,873.0 | 2,428.1 |
| Total Bond Funds | \$81,655.1 | \$61,844.9 | \$91,884.6 |
| Taxable Money Market-Government | \$50,027.5 | \$45,305.9 | \$40,665.9 |
| Taxable Money Market-Non-Government | 289,513.4 | 356,477.7 | 252,639.9 |
| National Tax-Exempt Money Market | 16,250.5 | 12,403.7 | 11,030.2 |
| State Tax-Exempt Money Market | 5,837.3 | 6,203.3 | 6,150.8 |
| Total Money Market Funds | \$361,628.7 | \$420,390.6 | \$310,486.8 |

[^24]Section Four: Exchanges for All Funds in the U.S. Industry

## Redemptions Due to Exchanges by Investment Objective

(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total | \$947,387.8 | \$1,145,418.6 | \$798,078.7 |
| Aggressive Growth | \$113,995.3 | \$166,005.9 | \$109,614.8 |
| Growth | 114,311.8 | 140,195.4 | 105,925.9 |
| Sector | 49,545.6 | 71,194.5 | 44,848.7 |
| World Equity-Emerging Markets | 2,855.9 | 5,404.3 | 2,181.2 |
| World Equity-Global | 39,378.7 | 50,108.0 | 25,665.2 |
| World Equity-International | 52,360.5 | 73,367.8 | 44,847.3 |
| World Equity-Regional | 16,054.5 | 18,470.2 | 12,794.8 |
| Growth and Income | 75,772.2 | 87,097.2 | 52,766.4 |
| Income Equity | 14,920.0 | 16,099.5 | 7,195.8 |
| Total Equity Funds | \$479,194.5 | \$627,942.8 | \$405,840.1 |
| Asset Allocation | \$4,617.0 | \$4,296.7 | \$4,868.3 |
| Balanced | 12,257.0 | 15,230.5 | 7,501.1 |
| Flexible Portfolio | 3,952.9 | 3,870.9 | 2,969.5 |
| Income-Mixed | 4,736.1 | 4,642.6 | 1,875.7 |
| Total Hybrid Funds | \$25,563.0 | \$28,040.7 | \$17,214.6 |
| Corporate Bond-General | \$2,731.9 | \$2,496.9 | \$2,447.2 |
| Corporate Bond-Intermediate-Term | 6,304.2 | 4,399.2 | 4,463.8 |
| Corporate Bond-Short-Term | 5,213.9 | 4,699.1 | 6,961.0 |
| High-Yield Bond | 15,780.5 | 14,939.5 | 10,845.6 |
| World Bond-Global General | 1,463.9 | 1,443.6 | 976.7 |
| World Bond-Global Short-Term | 193.8 | 113.4 | 119.8 |
| World Bond-Other | 416.4 | 358.5 | 453.8 |
| Government Bond-General | 7,160.0 | 4,791.9 | 7,934.1 |
| Government Bond-Intermediate-Term | 4,734.4 | 3,430.7 | 4,538.2 |
| Government Bond-Short-Term | 6,726.5 | 5,202.2 | 3,877.3 |
| Government Bond-Mortgage-Backed | 8,221.1 | 8,393.5 | 5,745.2 |
| Strategic Income | 8,103.7 | 10,180.6 | 12,047.6 |
| State Municipal Bond-General | 8,647.1 | 5,609.2 | 5,308.0 |
| State Municipal Bond-Short-Term | 675.3 | 287.4 | 208.5 |
| National Municipal Bond-General | 16,789.4 | 10,000.7 | 10,562.5 |
| National Municipal Bond-Short-Term | 3,071.7 | 2,127.5 | 2,001.7 |
| Total Bond Funds | \$96,233.8 | \$78,473.9 | \$78,491.0 |
|  |  |  |  |
|  |  |  |  |
| National Tax-Exempt Money Market | 13,640.3 | 11,682.5 | 10,453.9 |
| State Tax-Exempt Money Market | 5,179.9 | 5,574.5 | 7,186.8 |
| Total Money Market Funds | \$346,396.5 | \$410,961.2 | \$296,533.0 |

[^25]Section Four: Exchanges for All Funds in the U.S. Industry
Net Sales Due to Exchanges by Investment Objective
(millions of dollars)

|  | 1999 | 2000 | 2001 |
| :---: | :---: | :---: | :---: |
| Total | \$2,552.6 | \$4,334.0 | (\$739.2) |
| Aggressive Growth | \$8,122.3 | \$27,315.3 | (\$2,534.0) |
| Growth | 14,650.3 | 22,122.6 | $(12,589.3)$ |
| Sector | 4,181.3 | 13,289.2 | $(3,176.3)$ |
| World Equity-Emerging Markets | 358.0 | (149.7) | (322.0) |
| World Equity-Global | (649.6) | 2,190.9 | $(4,280.4)$ |
| World Equity-International | 782.6 | 2,475.8 | $(3,183.1)$ |
| World Equity-Regional | 301.4 | $(2,790.0)$ | $(1,996.0)$ |
| Growth and Income | $(7,324.7)$ | $(29,167.5)$ | $(1,506.2)$ |
| Income Equity | $(7,283.6)$ | $(9,185.4)$ | 1,235.7 |
| Total Equity Funds | \$13,138.0 | \$26,101.2 | (\$28,351.6) |
| Asset Allocation | (\$2,149.8) | (\$1,361.7) | (\$256.8) |
| Balanced | $(4,179.0)$ | $(8,600.4)$ | 1,313.0 |
| Flexible Portfolio | $(1,678.5)$ | $(1,530.2)$ | (986.1) |
| Income-Mixed | $(3,231.6)$ | $(3,075.3)$ | 194.9 |
| Total Hybrid Funds | (\$11,238.9) | (\$14,567.6) | \$265.0 |
| Corporate Bond-General | (\$551.4) | (\$473.7) | \$896.5 |
| Corporate Bond-Intermediate-Term | (678.1) | (937.3) | 2,376.2 |
| Corporate Bond-Short-Term | 484.4 | (990.8) | 540.9 |
| High-Yield Bond | $(2,780.3)$ | $(4,671.2)$ | 247.4 |
| World Bond-Global General | (491.2) | (484.0) | (262.0) |
| World Bond-Global Short-Term | (89.2) | (20.2) | (12.1) |
| World Bond-Other | (127.0) | (78.5) | (113.9) |
| Government Bond-General | $(1,374.4)$ | $(1,176.7)$ | 374.3 |
| Government Bond-Intermediate-Term | (472.1) | (579.8) | 1,139.5 |
| Government Bond-Short-Term | $(1,483.0)$ | $(2,185.9)$ | 471.8 |
| Government Bond-Mortgage-Backed | (370.9) | $(1,160.6)$ | 2,614.1 |
| Strategic Income | $(1,502.1)$ | $(2,019.6)$ | 4,168.8 |
| State Municipal Bond-General | $(2,263.6)$ | (488.1) | (221.8) |
| State Municipal Bond-Short-Term | (74.3) | (99.7) | 71.9 |
| National Municipal Bond-General | $(2,784.9)$ | $(1,008.4)$ | 675.6 |
| National Municipal Bond-Short-Term | (20.6) | (254.5) | 426.4 |
| Total Bond Funds | (\$14,578.7) | (\$16,629.0) | \$13,393.6 |
| Taxable Money Market-Government | \$3,742.1 | (\$689.8) | \$3,873.5 |
| Taxable Money Market-Non-Government | 8,222.5 | 8,769.2 | 10,540.0 |
| National Tax-Exempt Money Market | 2,610.2 | 721.2 | 576.3 |
| State Tax-Exempt Money Market | 657.4 | 628.8 | $(1,036.0)$ |
| Total Money Market Funds | \$15,232.2 | \$9,429.4 | \$13,953.8 |

[^26]Section Five: Institutional Investors in the U.S. Industry

| Assets of Major Institutions and Financial Intermediaries (millions of dollars) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| Depository Institutions | \$5,817,216.0 | \$6,072,189.0 | \$6,557,007.0 | \$7,122,098.0 | \$7,546,269.0 | \$8,121,935.0 | \$8,679,041.0 |
| Commercial Banks ${ }^{1}$ | 4,493,798.0 | 4,710,397.0 | 5,174,550.0 | 5,642,181.0 | 5,980,330.0 | 6,462,246.0 | 6,875,570.0 |
| Credit Unions ${ }^{2}$ | 310,661.0 | 330,114.0 | 353,831.0 | 391,483.0 | 414,527.0 | 441,066.0 | 505,501.0 |
| Savings Institutions ${ }^{3}$ | 1,012,757.0 | 1,031,678.0 | 1,028,626.0 | 1,088,434.0 | 1,151,412.0 | 1,218,623.0 | 1,297,970.0 |
| Life Insurance | 2,063,613.0 | 2,246,289.0 | 2,514,802.0 | 2,769,522.0 | 3,067,922.0 | 3,135,664.0 | 3,305,830.0 |
| Investment Institutions | 5,391,783.8 | 6,352,553.8 | 7,982,754.7 | 9,677,672.8 | 11,391,977.8 | 11,540,293.7 | 7,105,140.8 |
| Bank-Administered Trusts ${ }^{4}$ | 2,444,822.9 | 2,684,453.4 | 3,364,446.6 | 3,999,320.7 | 4,380,797.8 | 4,437,206.7 ${ }^{\text {P }}$ | N/A |
| Closed-End Investment Companies | 135,668.7 | 142,299.6 | 150,107.5 | 153,142.8 | 164,840.8 | 138,420.0 | 130,164.9 ${ }^{\text {p }}$ |
| Mutual Funds ${ }^{5}$ | 2,811,292.2 | 3,525,800.8 | 4,468,200.6 | 5,525,209.3 | 6,846,339.2 | 6,964,667.0 | 6,974,975.9 |
| ${ }^{1}$ Includes U.S.-chartered commercial banks, foreign banking offices in the U.S., bank holding companies, and banks in affiliated areas. |  |  |  |  |  |  |  |
| ${ }^{2}$ Includes only federal or federally insured state credit unions serving natural persons. |  |  |  |  |  |  |  |
| ${ }^{3} / n$ cludes mutual savings banks, federal savings banks, and savings \& loan associations. |  |  |  |  |  |  |  |
| ${ }^{4}$ Reflects only discretionary trusts and agencies. |  |  |  |  |  |  |  |
| ${ }^{5} / \mathrm{ncludes}$ short-term funds; excludes funds of funds. |  |  |  |  |  |  |  |
| ${ }^{\text {pPreliminary data }}$ |  |  |  |  |  |  |  |
| NIA=Not available |  |  |  |  |  |  |  |
| Sources: Federal Reserve Board, Federal Financial Institutions Examination Council, and Investment Company Institute |  |  |  |  |  |  |  |

Section Five: Institutional Investors in the U.S. Industry

## Assets of Fiduciary, Business, and Other Institutional Investors ${ }^{1}$ <br> (millions of dollars)

| Equity, Hybrid, and Bond Funds |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | $2001{ }^{\text {p }}$ |
| Fiduciaries (Banks and Individuals Serving as |  |  |  |
| Trustees, Guardians, and Administrators) | \$394,534.2 | \$396,800.1 | \$359,084.9 |
| Business Organizations | 1,866,085.7 | 1,791,300.9 | 1,575,337.9 |
| Business Corporations | 133,696.6 | 129,967.7 | 107,788.7 |
| Retirement Plans | 1,123,362.3 | 1,068,811.8 | 953,976.1 |
| Insurance Companies and Other Financial |  |  |  |
| Nonprofit Organizations | 54,007.8 | 61,101.8 | 69,884.3 |
| Other Institutional Investors Not Classified ${ }^{2}$ | 28,538.4 | 29,272.5 | 23,225.9 |
| Total | \$2,343,166.0 | \$2,278,475.3 | \$2,027,533.0 |
| Note: Reporters of institutional data represented $82.2 \%$ of total assets in 1999, 84.4\% in 2000, and $76.4 \%$ in 2001. |  |  |  |
| Taxable Money Market Funds |  |  |  |
|  | 1999 | 2000 | $2001{ }^{\text {p }}$ |
| Fiduciaries (Banks and Individuals Serving as |  |  |  |
| Trustees, Guardians, and Administrators) | \$225,809.7 | \$265,422.6 | \$354,941.1 |
| Business Organizations | 423,889.5 | 477,209.5 | 662,510.3 |
| Business Corporations | 174,298.6 | 208,433.0 | 302,164.4 |
| Retirement Plans | 82,596.2 | 84,677.2 | 89,419.4 |
| Insurance Companies and Other Financial |  |  |  |
| Nonprofit Organizations | 19,546.7 | 23,293.9 | 48,226.5 |
| Other Institutional Investors Not Classified ${ }^{2}$ | 31,347.6 | 37,608.2 | 24,513.4 |
| Total | \$700,593.5 | \$803,534.2 | \$1,090,191.3 |
| Note: Reporters of institutional data represented $59.6 \%$ of total assets in 1999, $64.1 \%$ in 2000, and $65.4 \%$ in 2001. |  |  |  |
| Tax-Exempt Money Market Funds |  |  |  |
|  | 1999 | 2000 | $2001{ }^{\text {p }}$ |
| Fiduciaries (Banks and Individuals Serving as |  |  |  |
| Trustees, Guardians, and Administrators) | \$36,783.2 | \$46,234.2 | \$54,184.8 |
| Business Organizations | 20,130.8 | 21,465.8 | 23,690.7 |
| Business Corporations | 11,327.0 | 11,456.5 | 15,432.3 |
| Retirement Plans | 742.7 | 627.3 | 843.7 |
| Insurance Companies and Other Financial |  |  |  |
| Nonprofit Organizations | 1,009.4 | 1,454.6 | 9,801.3 |
| Other Institutional Investors Not Classified ${ }^{2}$ | 1,214.0 | 2,524.5 | 2,663.9 |
| Total | \$59,137.3 | \$71,679.1 | \$90,340.6 |
| Note: Reporters of institutional data represented $64.3 \%$ of total net assets in 1999, $66.2 \%$ in 2000, and $65.7 \%$ in 2001. |  |  |  |
| ${ }^{1}$ Data for funds that invest in other mutual funds were excluded from the series. |  |  |  |
| ${ }^{2}$ Includes institutional assets for which no determination of classification can be made. |  |  |  |
| ${ }^{\text {p P Preliminary data }}$ |  |  |  |
| Note: Components may not sum to the total due to rounding. |  |  |  |

Section Five: Institutional Investors in the U.S. Industry

| Assets of Fiduciary, Business, and Other Institutional Investors in Taxable Money Marke by Type of Fund <br> (millions of dollars) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Retail |  |  | Institutional |  |  |
|  | 1999 | 2000 | $2001{ }^{p}$ | 1999 | 2000 | $2001{ }^{p}$ |
| Fiduciaries (Banks and Individuals Serving |  |  |  |  |  |  |
| Business Organizations | 145,046.4 | 138,726.1 | 155,848.8 | 278,843.1 | 338,483.4 | 506,661.5 |
| Business Corporations | 55,962.3 | 55,346.6 | 59,260.9 | 118,336.3 | 153,086.4 | 242,903.5 |
| Retirement Plans | 49,556.6 | 47,936.1 | 51,258.2 | 33,039.6 | 36,741.1 | 38,161.2 |
| Insurance Companies and Other Financial Institutions | 39,527.5 | 35,443.5 | 45,329.6 | 127,467.3 | 148,655.8 | 225,596.8 |
| Nonprofit Organizations | 6,173.6 | 6,589.9 | 8,653.2 | 13,373.1 | 16,704.1 | 39,573.3 |
| Other Institutional Investors Not Classified* | 9,609.8 | 11,358.7 | 9,284.7 | 21,737.8 | 26,249.5 | 15,228.7 |
| Total | \$242,835.9 | \$257,091.3 | \$285,371.5 | \$457,757.7 | \$546,443.0 | \$804,819.8 |
| *Includes institutional assets for which no determination of classification can be made. |  |  |  |  |  |  |
| ${ }^{\text {p P Preliminary data }}$ |  |  |  |  |  |  |
| Note: Data for funds that invest in other mutual funds were excluded from the series. Components may not sum to the total due to rounding. |  |  |  |  |  |  |


| Worldwide Assets of Open-End Funds (millions of U.S. dollars) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 | 1997 | 1998 | 1999 | 2000 | $2001^{\text {a }}$ |
| NON-USA COUNTRIES |  |  |  |  |  |  |
| Argentina | \$1,869 | \$5,247 | \$6,930 | \$6,990 | \$7,425 | \$7,357 |
| Australia | 47,761 | 42,909 | 44,124 ${ }^{\text {b }}$ | N/A | 341,955 | 304,145 |
| Austria ${ }^{\text {c }}$ | 39,543 | 44,930 | 63,772 | 75,730 | 78,429 | 53,927 |
| Belgium | 29,247 | 33,658 | 56,339 | 65,461 | 70,313 | 64,449 |
| Brazil | 103,786 | 108,606 | 118,687 | 117,758 | 148,538 | 126,833 |
| Canada ${ }^{\text {c }}$ | 154,529 | 197,985 | 213,451 | 269,825 | 279,511 | 244,025 |
| Chile | 2,934 | 4,549 | 2,910 | 4,091 | $4,431{ }^{\text {d }}$ | 4,743 |
| Costa Rica | N/A | N/A | N/A | N/A | 919 | 1,428 |
| Czech Republic | N/A | 361 | 556 | 1,473 | 1,990 | 1,644 |
| Denmark | 9,338 | 13,037 | 19,450 | 27,545 | 32,457 | 30,462 |
| Finland | 2,510 | 3,534 | 5,695 | 10,318 | 12,698 | 12,131 |
| France | 534,145 | 495,774 | 626,154 | 656,132 | 721,973 | 700,944 |
| Germany | 137,860 | 146,888 | 195,701 | 237,312 | 238,029 | 192,617 |
| Greece | 15,788 | 25,759 | 32,194 | 36,397 | 29,154 | 21,885 |
| Hong Kong | 41,017 | 58,456 | 98,767 | 182,265 | 195,924 | 183,030 |
| Hungary | N/A | 713 | 1,476 | 1,725 | 1,953 | 2,202 |
| India | 9,717e | 9,353 | 8,685 | 13,065 | 13,831 | 13,490 |
| Ireland ${ }^{f}$ | 7,735 | 22,729 | 22,5209 | 95,135 | 136,940 | 166,979 |
| Italy | 129,992 | 209,410 | 439,701 | 478,530 | 424,014 | 352,415 |
| Japan | 420,103 | 311,335 | 376,533 | 502,752 | 431,996 | 465,962 |
| Korea | N/A | N/A | N/A | 167,177 | 110,613 | 137,056 |
| Luxembourg | 338,236 | 390,623 | N/A | 659,284 | 747,117 | 694,183 |
| Mexico | N/A | N/A | N/A | 19,468 | 18,488 | 27,608 |
| Netherlands ${ }^{\text {c }}$ | 67,147 | 70,373 | 87,996 | 102,492 | 94,106 | N/A |
| New Zealand ${ }^{\text {c }}$ | 7,686 | 7,519 | 7,250 | 8,502 | 7,802 | 6,796 |
| Norway | 9,930 | 13,058 | 11,148 | 15,107 | 16,228 | 13,861 |
| Philippines | N/A | N/A | N/A | 117 | 108 | 170 |
| Poland | 475 | 541 | 517 | 762 | 1,546 | 1,317 |
| Portugal | 17,079 | 15,472 | 23,299 | 20,574 | 16,588 | 15,840 |
| Romania | N/A | N/A | N/A | N/A | 8 | 11 |
| Russia | 6 | 41 | 29 | 177 | 177 | 249 |
| South Africa | 9,354 | 12,688 | 12,160 | 18,235 | 16,921 | 15,557 |
| Spain | 144,134 | 177,192 | 238,917 | 207,603 | 172,438 | 154,670 |
| Sweden | 34,981 | 45,452 | 54,923 | 83,250 | 78,074 | 56,157 |
| Switzerland | 48,166 | 53,444 | 69,151 | 82,512 | 83,063 | 72,556 |
| Taiwan | 8,351 ${ }^{\text {e }}$ | 12,365 | 20,310 | 31,153 | 32,074 | 43,641 |
| United Kingdom ${ }^{\text {i }}$ | 201,304 | 235,683 | 283,711 | 370,962 | 387,149 | 333,887 |
| TOTAL NON-USA | \$2,574,723 | \$2,769,684 | \$3,143,056 | \$4,569,879 | \$4,954,980 | \$4,524,227 |
| USA ${ }^{\text {i }}$ (long-term) | 2,623,994 | 3,409,315 | 4,173,531 | 5,233,194 | 5,119,386 | 4,252,647 |
| (short-term) | 901,807 | 1,058,886 | 1,351,678 | 1,613,146 | 1,845,281 | 2,161,639 |
| TOTAL USA | \$3,525,801 | \$4,468,201 | \$5,525,209 | \$6,846,340 | \$6,964,667 | \$6,414,286 |
| TOTAL WORLD | \$6,100,524 | \$7,237,885 | \$8,668,265 | \$11,416,219 | \$11,919,647 | \$10,938,513 |
| ${ }^{\text {a }}$ As of September 30, 2001, unless otherwise noted. |  |  |  |  |  |  |
| ${ }^{\text {b A As of September 30, } 1998 .}$ |  |  |  |  |  |  |
| Includes real estate funds. |  |  |  |  |  |  |
| ${ }^{d}$ As of June 30, 2000. |  |  |  |  |  |  |
| ${ }^{\text {e As of June 30, } 1996 . ~}$ |  |  |  |  |  |  |
| ${ }^{\dagger}$ Approximately 95 percent relates to life assurance-linked funds; the other 5 percent are unit investment trusts. International Financial Service Center funds are not included. |  |  |  |  |  |  |
| ${ }^{9}$ As of March 31, 1998. |  |  |  |  |  |  |
| ${ }^{\text {h}}$ As of August 31, 2001. |  |  |  |  |  |  |
| ${ }^{\text {i }}$ Funds of funds not included. |  |  |  |  |  |  |
| N/A = Not available |  |  |  |  |  |  |
| Note: Comparison of annual total assets across countries is not recommended because reporting coverage, dates, and definitions are not consistent. |  |  |  |  |  |  |
| Sources: European Federation of Investment Funds and Companies, Investment Company Institute |  |  |  |  |  |  |


| Worldwide Number of Open-End Funds |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1996 | 1997 | 1998 | 1999 | 2000 | $2001{ }^{\text {a }}$ |
| NON-USA COUNTRIES |  |  |  |  |  |  |
| Argentina | 149 | 195 | 229 | 224 | 226 | 231 |
| Australia | 1,047 | 488 | $569{ }^{\text {b }}$ | N/A | N/A | N/A |
| Austria ${ }^{\text {c }}$ | 517 | 625 | 821 | 1,316 | 1,733 | 752 |
| Belgium | 330 | 458 | 631 | 784 | 918 | 1,008 |
| Brazil | 1,143 | 1,502 | 1,601 | 1,760 | 2,097 | 2,342 |
| Canada ${ }^{\text {c }}$ | 954 | 1,023 | 1,130 | 1,328 | 1,627 | 1,813 |
| Chile | 77 | 92 | 102 | 116 | $126^{\text {d }}$ | 167 |
| Costa Rica | N/A | N/A | N/A | N/A | 122 | 136 |
| Czech Republic | N/A | 47 | 56 | 62 | 70 | 57 |
| Denmark | 189 | 222 | 240 | 304 | 394 | 438 |
| Finland | 62 | 81 | 114 | 176 | 241 | 263 |
| France | 5,379 | 5,797 | 6,274 | 6,511 | 7,144 | 7,473 |
| Germany | 641 | 717 | 848 | 895 | 987 | 1,061 |
| Greece | 148 | 162 | 179 | 208 | 265 | 270 |
| Hong Kong | 708 | 772 | 712 | 832 | 976 | 963 |
| Hungary | N/A | 37 | 66 | 87 | 86 | 89 |
| India | $42^{\text {e }}$ | 64 | 97 | 155 | 243 | 292 |
| Ireland ${ }^{\text {f }}$ | 260 | 260 | 2609 | N/A | 1,344 | 1,592 |
| Italy | 531 | 626 | 703 | 823 | 967 | 1,038 |
| Japan | 5,879 | 5,203 | 4,534 | 3,444 | 2,793 | 2,744 |
| Koreah | N/A | N/A | N/A | 13,606 | 8,242 | 7,497 |
| Luxembourg | 3,234 | 4,064 | N/A | 5,023 | 6,084 | 6,508 |
| Mexico | N/A | N/A | N/A | 280 | 305 | 326 |
| Netherlands ${ }^{\text {c }}$ | 179 | 289 | 334 | 348 | 494 | N/A |
| New Zealand ${ }^{\text {c }}$ | 551 | 629 | 633 | 622 | 607 | 606 |
| Norway | 188 | 233 | 264 | 309 | 380 | 397 |
| Philippines | N/A | N/A | N/A | 15 | 18 | 20 |
| Poland | 5 | 20 | 38 | 62 | 77 | 92 |
| Portugal | 151 | 163 | 197 | 226 | 195 | 203 |
| Romania | N/A | N/A | N/A | N/A | 16 | 20 |
| Russia | 4 | 18 | 28 | 27 | 37 | 52 |
| South Africa | 107 | 149 | 191 | 260 | 334 | 395 |
| Spain | 958 | 1,456 | 1,866 | 2,150 | 2,422 | 2,501 |
| Sweden | 316 | 344 | 366 | 412 | 509 | 502 |
| Switzerland | 251 | 296 | 325 | 348 | 323 | 311 |
| Taiwan | $82^{\text {e }}$ | 127 | 174 | 318 | 288 | 315 |
| United Kingdom ${ }^{\text {i }}$ | 1,452 | 1,455 | 1,541 | 1,594 | 1,937 | 1,961 |
| TOTAL NON-USA | 25,534 | 27,614 | 25,123 | 44,625 | 44,627 | 44,435 |
| USA ${ }^{\text {i }}$ (long-term) | 5,260 | 5,671 | 6,288 | 6,746 | 7,116 | 7,285 |
| (short-term) | 988 | 1,013 | 1,026 | 1,045 | 1,039 | 1,015 |
| TOTAL USA | 6,248 | 6,684 | 7,314 | 7,791 | 8,155 | 8,300 |
| TOTAL WORLD | 31,782 | 34,298 | 32,437 | 52,416 | 52,782 | 52,735 |
| ${ }^{\text {a }}$ As of September 30, 2001. |  |  |  |  |  |  |
| ${ }^{\text {b A A }}$ of September 30, 1998. |  |  |  |  |  |  |
| ${ }^{\text {C/Includes real estate funds. }}$ |  |  |  |  |  |  |
| ${ }^{d}$ As of June 30, 2000. |  |  |  |  |  |  |
| ${ }^{\text {e }}$ As of June $30,1996$. |  |  |  |  |  |  |
| ${ }^{\dagger}$ Approximately 95 percent relates to life assurance-linked funds; the other 5 percent are unit investment trusts. International Financial Service Center funds are not included. |  |  |  |  |  |  |
| ${ }^{2}$ As of March 31, 1998. |  |  |  |  |  |  |
| ${ }^{\text {h }}$ Number of funds does not include bank trust funds. |  |  |  |  |  |  |
| ${ }^{\text {i Funds of funds not included. }}$ |  |  |  |  |  |  |
| N/A = Not available |  |  |  |  |  |  |
| Note: Comparison of annual total assets across countries is not recommended because reporting coverage, dates, and definitions are not consistent. |  |  |  |  |  |  |
| Sources: European Federation of Investment Funds and Companies, Investment Company Institute |  |  |  |  |  |  |

Section Seven: Other U.S. Investment Companies

|  | Outs | nding | ssets and | umber <br> (million | Closed-En <br> of dollars) | d Funds | by Type of | Fund |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 199 |  | 199 |  | 199 |  | 2000 |  | 200 |  |
|  | Assets Outstanding | Number of Funds | Assets Outstanding | Number of Funds | Assets Outstanding | Number of Funds | Assets Outstanding | Number of Funds | Assets Outstanding | Number of Funds |
| Convertible | \$1,151.3 | 10 | \$1,156.1 | 10 | \$1,319.5 | 9 | \$1,005.1 | 8 | \$986.9 | 8 |
| Taxable Bond | 26,152.1 | 101 | 32,546.9 | 108 | 27,516.9 | 99 | 26,142.9 | 96 | 21,726.4 | 89 |
| Municipal Bond National | 41,944.6 | 99 | 43,032.1 | 103 | 41,926.4 | 106 | 45,481.1 | 107 | 44,299.0 | 96 |
| Municipal Bond Single State | 17,802.0 | 101 | 18,851.9 | 108 | 20,641.7 | 132 | 20,609.1 | 117 | 25,335.1 | 131 |
| Equity | 22,303.6 | 48 | 23,455.0 | 48 | 25,254.1 | 50 | 24,340.2 | 55 | 21,839.7 | 51 |
| TOTAL DOMESTIC | \$109,353.6 | 359 | \$119,042.0 | 377 | \$116,658.6 | 396 | \$117,578.4 | 383 | \$114,187.1 | 375 |
| Multi Country Debt | \$2,095.7 | 9 | \$1,493.7 | 8 | \$1,715.7 | 9 | \$1,671.9 | 9 | 1,510.8 | 7 |
| Single Country Debt | 2,407.5 | 3 | 1,898.1 | 3 | 1,675.5 | 1 | 1,481.6 | 2 | 1,296.6 | 2 |
| Multi Country Equity | 18,864.5 | 29 | 16,792.9 | 27 | 27,735.3 | 22 | 3,639.9 | 21 | 2,479.4 | 18 |
| Single Country Equity | 8,961.3 | 52 | 6,730.3 | 47 | 9,960.4 | 44 | 7,134.6 | 44 | 5,095.7 | 36 |
| TOTAL FOREIGN | \$32,329.0 | 93 | \$26,915.0 | 85 | \$41,086.9 | 76 | \$13,928.0 | 76 | \$10,382.5 | 63 |
| Global Debt | \$6,977.0 | 18 | \$5,945.7 | 17 | \$5,768.7 | 17 | \$5,562.0 | 18 | 5,130.1 | 15 |
| Global Equity | 1,447.9 | 10 | 1,240.1 | 7 | 1,326.6 | 6 | 1,351.6 | 6 | 465.2 | 5 |
| TOTAL GLOBAL | \$8,424.9 | 28 | \$7,185.8 | 24 | \$7,095.3 | 23 | \$6,913.6 | 24 | \$5,595.3 | 20 |
| TOTAL | \$150,107.5 | 480 | \$153,142.8 | 486 | \$164,840.8 | 495 | \$138,420.0 | 483 | \$130,164.9 | 458 |
| PPreliminary data |  |  |  |  |  |  |  |  |  |  |

Section Seven: Other U.S. Investment Companies

## New Deposits of Unit Investment Trusts by Type of Trust

(thousands of dollars)

|  | Total Trusts | Equity Trusts | Tax-Free <br> Debt Trusts | Taxable <br> Debt Trusts |
| :--- | ---: | ---: | ---: | ---: |
| 2000 |  |  |  |  |
| January | $\$ 6,291,814$ | $\$ 6,157,018$ | $\$ 116,732$ | $\$ 18,064$ |
| February | $6,301,246$ | $6,202,928$ | 82,882 | 15,436 |
| March | $5,692,058$ | $5,595,817$ | 83,217 | 13,024 |
| April | $2,856,170$ | $2,800,958$ | 46,150 | 9,062 |
| May | $2,983,278$ | $2,908,751$ | 60,467 | 14,060 |
| June | $3,217,314$ | $3,096,056$ | 106,565 | 14,693 |
| July | $3,998,418$ | $3,801,850$ | 70,421 | 126,147 |
| August | $2,995,024$ | $2,662,262$ | 100,308 | 232,454 |
| September | $3,372,246$ | $3,059,590$ | 56,801 | 255,855 |
| October | $2,810,277$ | $2,479,739$ | 66,392 | 264,146 |
| November | $1,817,454$ | $1,742,841$ | 56,461 | 18,152 |
| December | $2,164,930$ | $2,111,854$ | 36,313 | 16,763 |
| Total | $\$ 44,500,229$ | $\$ 42,619,664$ | $\$ 882,709$ | $\$ 997,856$ |
|  |  |  |  |  |
| 2001 |  |  |  |  |
| January | $\$ 3,541,406$ | $\$ 3,369,012$ | $\$ 126,342$ | $\$ 46,052$ |
| February | $2,772,263$ | $2,615,131$ | 116,193 | 40,939 |
| March | $1,727,175$ | $1,515,251$ | 131,550 | 80,374 |
| April | $1,194,417$ | $1,053,969$ | 112,524 | 27,924 |
| May | $1,515,211$ | $1,327,890$ | 160,109 | 27,212 |
| June | $1,294,269$ | $1,131,442$ | 125,894 | 36,933 |
| July | $2,382,014$ | $2,206,361$ | 145,041 | 30,612 |
| August | 998,582 | 787,601 | 161,484 | 49,497 |
| September | 741,680 | 579,952 | 112,244 | 49,484 |
| October | $1,004,705$ | 817,882 | 113,679 | 73,144 |
| November | 965,114 | 764,169 | 141,487 | 59,458 |
| December | 912,410 | 758,085 | 103,794 | 50,531 |
| Total | $\$ 16,926,745$ | $\$ 1,550,341$ | $\$ 572,160$ |  |
|  |  |  |  |  |
|  |  |  |  |  |

Section Seven: Other U.S. Investment Companies

|  | Annual | ts, Net | ssuance, and | mber of | xhange- <br> hs of dollars) | Traded Equit | $x$ Fund | Type o | Fund |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Domesti |  |  | bal/Interna | ional |  | Total |  |
|  | Assets (End of Period) | Net Issuance | Number of Funds (End of Period) | Assets (End of Period) | Net Issuance | $\begin{aligned} & \text { Number of } \\ & \text { Funds } \\ & \text { (End of Period) } \end{aligned}$ | Assets (End of Period | Net Issuance | $\begin{aligned} & \text { Number of } \\ & \text { Funds } \\ & \text { (End of Period) } \end{aligned}$ |
| 1993 | \$464 | \$450 | 1 | - | - | - | \$464 | \$450 | 1 |
| 1994 | 424 | (28) | 1 | - | - | - | 424 | (28) | 1 |
| 1995 | 1,052 | 441 | 2 | - | - | - | 1,052 | 441 | 2 |
| 1996 | 2,158 | 844 | 2 | \$243 | \$246 | 17 | 2,401 | 1,088 | 19 |
| 1997 | 6,203 | 3,142 | 2 | 499 | 298 | 17 | 6,702 | 3,439 | 19 |
| 1998 | 14,546 | 5,599 | 12 | 1,018 | 425 | 17 | 15,564 | 6,025 | 29 |
| 1999 | 31,876 | 11,763 | 13 | 1,986 | 399 | 17 | 33,862 | 12,164 | 30 |
| 2000 | 63,544 | 41,831 | 55 | 2,041 | 545 | 25 | 65,585 | 42,378 | 80 |
| 2001 | 79,977 | 29,646 | 68 | 3,016 | 1,367 | 34 | 82,993 | 31,012 | 102 |
| Note: Components may not sum to total because of rounding. |  |  |  |  |  |  |  |  |  |
| Sources: Strategic Insight and Investment Company Institute |  |  |  |  |  |  |  |  |  |

Section Seven: Other U.S. Investment Companies

|  | Monthly Assets, Net Issuance, and Number of Exchange-Traded Equity Index Funds by Type of Fu (millions of dollars) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Assets (End of Period) | $\begin{gathered} \text { Net } \\ \text { Issuance } \end{gathered}$ | Number of Funds (End of Period) | Assets (End of Period) | Net Issuance | $\begin{aligned} & \text { Number of } \\ & \text { Funds } \\ & \text { (End of Period) } \end{aligned}$ | Assets (End of Period) | $\begin{gathered} \text { Net } \\ \text { Issuance } \end{gathered}$ | Number of Funds (End of Period) |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | \$30,824 | \$223 | 13 | \$1,902 | \$42 | 17 | \$32,726 | \$265 | 30 |
| February | 31,907 | 399 | 13 | 1,897 | (21) | 17 | 33,804 | 379 | 30 |
| March | 34,748 | (174) | 13 | 2,045 | 53 | 17 | 36,793 | (120) | 30 |
| April | 36,268 | 3,849 | 13 | 1,964 | 47 | 17 | 38,232 | 3,896 | 30 |
| May | 39,468 | 5,068 | 27 | 1,860 | (49) | 17 | 41,328 | 5,019 | 44 |
| June | 44,102 | 2,564 | 36 | 1,988 | 99 | 20 | 46,091 | 2,663 | 56 |
| July | 43,085 | (21) | 46 | 1,955 | 70 | 23 | 45,041 | 49 | 69 |
| August | 46,683 | (847) | 46 | 1,932 | (73) | 23 | 48,615 | (920) | 69 |
| September | 47,792 | 4,304 | 52 | 1,909 | 86 | 24 | 49,701 | 4,390 | 76 |
| October | 54,646 | 7,959 | 55 | 1,900 | 63 | 24 | 56,546 | 8,022 | 79 |
| November | 54,479 | 7,922 | 55 | 1,869 | 46 | 24 | 56,348 | 7,968 | 79 |
| December | 63,544 | 10,585 | 55 | 2,041 | 182 | 25 | 65,585 | 10,767 | 80 |
| 2001 |  |  |  |  |  |  |  |  |  |
| January | \$70,100 | \$2,395 | 56 | \$2,034 | (\$53) | 25 | \$72,134 | \$2,342 | 81 |
| February | 62,428 | 3,204 | 57 | 1,915 | 10 | 25 | 64,343 | 3,214 | 82 |
| March | 64,205 | 8,898 | 58 | 1,800 | 16 | 25 | 66,006 | 8,914 | 83 |
| April | 71,413 | (365) | 59 | 1,917 | 11 | 25 | 73,330 | (353) | 84 |
| May | 70,854 | (289) | 60 | 1,919 | 42 | 25 | 72,773 | (248) | 85 |
| June | 73,643 | 3,350 | 60 | 1,917 | 78 | 25 | 75,560 | 3,428 | 85 |
| July | 73,678 | 2,593 | 66 | 1,842 | (14) | 25 | 75,520 | 2,578 | 91 |
| August | 69,995 | 2,375 | 66 | 2,090 | 305 | 26 | 72,085 | 2,680 | 92 |
| September | 62,401 | 1,628 | 66 | 1,944 | 98 | 26 | 64,345 | 1,726 | 92 |
| October | 67,173 | 615 | 67 | 2,248 | 246 | 29 | 69,421 | 861 | 96 |
| November | 76,265 | 2,031 | 67 | 2,581 | 231 | 34 | 78,846 | 2,262 | 101 |
| December | 79,977 | 3,211 | 68 | 3,016 | 397 | 34 | 82,993 | 3,608 | 102 |

[^27]
## Data Points

Page 23-Assets of Mutual Funds, 1990-2001
(trillions of dollars)

|  | Equity <br> Funds | Hybrid <br> Funds | Bond <br> Funds | Money Market <br> Funds | Total |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 1990 | $\$ 0.239$ | $\$ 0.036$ | $\$ 0.291$ | $\$ 0.498$ | $\$ 1.065$ |
| 1991 | $\$ 0.405$ | $\$ 0.052$ | $\$ 0.394$ | $\$ 0.542$ | $\$ 1.393$ |
| 1992 | $\$ 0.514$ | $\$ 0.078$ | $\$ 0.504$ | $\$ 0.546$ | $\$ 1.643$ |
| 1993 | $\$ 0.741$ | $\$ 0.145$ | $\$ 0.619$ | $\$ 0.565$ | $\$ 2.070$ |
| 1994 | $\$ 0.853$ | $\$ 0.164$ | $\$ 0.527$ | $\$ 0.611$ | $\$ 2.155$ |
| 1995 | $\$ 1.249$ | $\$ 0.210$ | $\$ 0.599$ | $\$ 0.753$ | $\$ 2.811$ |
| 1996 | $\$ 1.726$ | $\$ 0.253$ | $\$ 0.645$ | $\$ 0.902$ | $\$ 3.526$ |
| 1997 | $\$ 2.368$ | $\$ 0.317$ | $\$ 0.724$ | $\$ 1.059$ | $\$ 4.468$ |
| 1998 | $\$ 2.978$ | $\$ 0.365$ | $\$ 0.831$ | $\$ 1.352$ | $\$ 5.525$ |
| 1999 | $\$ 4.042$ | $\$ 0.379$ | $\$ 0.812$ | $\$ 1.613$ | $\$ 6.846$ |
| 2000 | $\$ 3.962$ | $\$ 0.346$ | $\$ 0.811$ | $\$ 1.845$ | $\$ 6.965$ |
| 2001 | $\$ 3.418$ | $\$ 0.346$ | $\$ 0.925$ | $\$ 2.285$ | $\$ 6.975$ |

## Page 24-Components of Mutual Fund Asset Growth,* 1990-2001

(trillions of dollars)

|  | Year-End 1989 <br> Mutual Fund <br> Assets | Cumulative Net <br> New Cash Flow | Cumulative <br> Performance | Cumulative Newly <br> Reporting Funds | Total Mutual <br> Fund Assets |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1990 | $\$ 0.981$ | $\$ 0.044$ | $\$ 0.012$ | $\$ 0.028$ | $\$ 1.065$ |
| 1991 | 0.981 | 0.156 | 0.159 | 0.098 | 1.393 |
| 1992 | 0.981 | 0.312 | 0.222 | 0.129 | 1.643 |
| 1993 | 0.981 | 0.539 | 0.372 | 0.178 | 2.070 |
| 1994 | 0.981 | 0.623 | 0.316 | 0.236 | 2.155 |
| 1995 | 0.981 | 0.835 | 0.692 | 0.303 | 2.811 |
| 1996 | 0.981 | 1.156 | 0.985 | 0.403 | 3.526 |
| 1997 | 0.981 | 1.530 | 1.466 | 0.491 | 4.468 |
| 1998 | 0.981 | 2.008 | 1.985 | 0.552 | 5.525 |
| 1999 | 0.981 | 2.371 | 2.858 | 0.637 | 6.846 |
| 2000 | 0.981 | 2.759 | 2.502 | 0.723 | 6.965 |
| 2001 | 0.981 | 3.264 | 1.952 | 0.778 | 6.975 |

*All total asset figures plotted in this chart represent the cumulative contribution of newly reporting funds, net new cash flow, and fund investment performance from year-end 1989 through the end of each year plotted. Asset levels plotted also include year-end 1989 assets of $\$ 981$ billion.
Note: Components may not sum to total mutual fund assets due to rounding.

## Page 25-Net Purchases of Stocks and Bonds by Households, 1990-2001

(billions of dollars)

|  | Net Purchases Made Through <br> Mutual Funds | Net Purchases Made Outside <br> Mutual Funds |
| :--- | :---: | :---: |
| 1990 | $\$ 36.5$ | $\$ 191.5$ |
| 1991 | 140.6 | 90.5 |
| 1992 | 169.6 | 90.5 |
| 1993 | 266.3 | $(86.9)$ |
| 1994 | 117.5 | 101.7 |
| 1995 | 133.6 | $(104.3)$ |
| 1996 | 277.9 | $(123.1)$ |
| 1997 | 299.9 | $(366.5)$ |
| 1998 | 325.9 | $(361.9)$ |
| 1999 | 192.6 | $(136.9)$ |
| 2000 | 234.0 | $(662.2)$ |
| 2001 | 250.0 | $(426.6)$ |

Sources: Federal Reserve Board and Investment Company Institute
Page 30-Share of U.S. Nonfinancial Business Short-Term Assets* Held Through Money Market Funds, 1990-2001
(percent of total)
1990 ..... 6.3
1991 ..... 7.2
1992 ..... 10.2
1993 ..... 8.8
1994 ..... 9.6
1995 ..... 12.9
1996 ..... 12.7
1997 ..... 14.4
1998 ..... 16.7
1999 ..... 17.9
2000 ..... 20.6
2001 ..... 28.4
*Business short-term assets consist of foreign deposits, checkable deposits, time and savings deposits, money market funds, repurchase agreements, and commercial paper.

Sources: Federal Reserve Board and Investment Company Institute

## Page 53-Average 401(k) Account Balance by Age and Tenure, 2000

 (dollars)| Age <br> Cohort | Participant Job Tenure (years) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | 0 to 2 | $>2$ to 5 | $>5$ to 10 | $>10$ to 20 | $>20$ to 30 | $>30$ |
| 20s | $\$ 3,778$ | $\$ 7,952$ | $\$ 12,969$ |  |  |  |
| 30 s | 8,454 | 16,159 | 30,253 | $\$ 49,321$ |  |  |
| 40 s | 12,145 | 20,685 | 39,604 | 78,276 | $\$ 89,874$ |  |
| 50 s | 14,474 | 22,790 | 44,832 | 91,096 | 134,645 | $\$ 138,627$ |
| 60s | 16,132 | 22,699 | 43,450 | 87,050 | 126,466 | 177,289 |

[^28]
## Glossary of Mutual Fund Terms

For an explanation of fund types, see pages 8-11.
Adviser-An organization employed by a mutual fund to give professional advice on the fund's investments and asset management practices (also called the investment adviser).

After-Tax Return-The total return of a fund after the effects of taxes on distributions and/or redemptions have been assessed. Funds are required by federal securities law to calculate after-tax returns using standardized formulas based upon the highest tax rates. (Consequently, they are not representative of the after-tax returns of most mutual fund shareholders.) These standardized after-tax returns are irrelevant for shareholders in tax-deferred retirement accounts.

Annual and Semiannual Reports-Summaries that a mutual fund sends to its shareholders that discuss the fund's performance over a certain period and identify the securities in the fund's portfolio on a specific date.

Appreciation-An increase in an investment's value.
Asked or Offering Price-(As seen in some mutual fund newspaper listings.) The price at which a mutual fund's shares can be purchased. The asked or offering price includes the current net asset value per share plus any sales charge.

Assets-The current dollar value of the pool of money shareholders have invested in a fund.

Automatic Reinvestment-A fund service giving shareholders the option to purchase additional shares using dividend and capital gain distributions.

Average Portfolio Maturity-The average maturity of all the bonds in a bond fund's portfolio.

Bear Market-A period during which securities prices in a particular market (such as the stock market) are generally falling.

Bid or Sell Price-The price at which a mutual fund's shares are redeemed, or bought back, by the fund. The price is usually the current net asset value per share. See Net Asset Value (NAV).

Bond-A debt security, or IOU, issued by a company, municipality, or government agency. A bond investor lends money to the issuer and, in exchange, the issuer promises to repay the loan amount on a specified maturity date; the issuer usually pays the bondholder periodic interest payments over the life of the loan.

Broker-Dealer-A firm that buys and sells mutual fund shares and other securities from and to investors.

Bull Market-A period during which securities prices in a particular market (such as the stock market) are generally rising.

Capital Gain Distribution-Profits distributed to shareholders resulting from the sale of securities held in the fund's portfolio for more than one year.

Closed-End Fund-A type of investment company that has a fixed number of shares which are publicly traded. The price of a closed-end fund's shares fluctuates based on investor supply and demand. Closed-end funds are not required to redeem shares and have managed portfolios.

Commission-A fee paid by an investor to a broker or other sales agent for investment advice and assistance.

Compounding-Earnings on an investment's earnings. Over time, compounding can produce significant growth in the value of an investment.

Contingent Deferred Sales Charge (CDSC)-A fee imposed when shares are redeemed (sold back to the fund) during the first few years of ownership.

Credit Risk-The possibility that a bond issuer may not be able to pay interest and repay its debt.

Custodian-An organization, usually a bank, that holds the securities and other assets of a mutual fund.

Depreciation-A decline in an investment's value.
Distribution-1) The payment of dividends and capital gains, or 2) a term used to describe a method of selling to the public.

Diversification-The practice of investing broadly across a number of securities to reduce risk.

Dollar-Cost Averaging-The practice of investing a fixed amount of money at regular intervals, regardless of whether the securities markets are declining or rising.

Exchange Privilege-A fund option enabling shareholders to transfer their investments from one fund to another within the same fund family as their needs or objectives change. Typically, fund companies allow exchanges several times a year for a low or no fee.

Exchange-Traded Fund (ETF)-An investment company with shares that trade intraday on stock exchanges at market-determined prices. Investors may buy or sell ETF shares through a broker just as they would the shares of any publicly traded company.

Ex-Dividend Date-With regard to mutual funds, this is the day on which declared distributions (dividends or capital gains) are deducted from the fund's assets before it calculates its net asset value (NAV). The NAV per share will drop by the amount of the distribution per share.

Expense Ratio-A fund's cost of doing business-disclosed in the prospectusexpressed as a percentage of its assets.

Face Value-The amount that a bond's issuer must repay at the maturity date.
Family of Funds-A group of mutual funds, each typically with its own investment objective, managed and distributed by the same company.

401(k) Plan-An employer-sponsored retirement plan that enables employees to make tax-deferred contributions from their salaries to the plan.

403(b) Plan-An employer-sponsored retirement plan that enables employees of universities, public schools, and nonprofit organizations to make tax-deferred contributions from their salaries to the plan.

457 Plan-An employer-sponsored retirement plan that enables employees of state and local governments and other tax-exempt employers to make tax-deferred contributions from their salaries to the plan.

Hedge Fund-A private investment pool for wealthy investors that, unlike a mutual fund, is exempt from SEC regulation.

Hybrid Fund-A mutual fund that invests in a combination of stocks, bonds, and other securities.

Income-Dividends, interest, and/or short-term capital gains paid to a mutual fund's shareholders. Income is earned on a fund's investment portfolio after deducting operating expenses.

Individual Retirement Account (IRA)-An investor-established, tax-deferred account set up to hold and invest funds until retirement.

Inflation Risk-The risk that a portion of an investment's return may be eliminated by inflation.

Interest Rate Risk-The possibility that a bond's or bond mutual fund's value will decrease due to rising interest rates.

Investment Adviser-An organization employed by a mutual fund to give professional advice on the fund's investments and asset management practices.

Investment Company-A corporation, trust, or partnership that invests pooled shareholder dollars in securities appropriate to the organization's objective. Mutual funds, closed-end funds, unit investment trusts, and exchange-traded funds are the four main types of investment companies.

Investment Objective-The goal that an investor and mutual fund pursue together (e.g., current income, long-term capital growth, etc.).

Issuer-The company, municipality, or government agency that issues a security, such as stocks, bonds, or money market instruments.

Large-Cap Stocks-Stocks of large-capitalization companies, which are generally considered to be companies whose total outstanding shares are valued at $\$ 10$ billion or more.

Liquidity-The ability to gain ready access to invested money. Mutual funds are liquid because their shares can be redeemed for current value (which may be more or less than the original cost) on any business day.

Long-Term Funds - A mutual fund industry designation for all funds other than money market funds. Long-term funds are broadly divided into equity (stock), bond, and hybrid funds.

Management Fee-The amount paid by a mutual fund to the investment adviser for its services.

Maturity-The date by which an issuer promises to repay a bond's face value.
Mutual Fund-An investment company that buys a portfolio of securities selected by a professional investment adviser to meet a specified financial goal. Investors buy shares in a fund, which represent ownership in all the fund's securities. A mutual fund stands ready to buy back its shares at their current net asset value, which is the total market value of the fund's investment portfolio, minus its liabilities, divided by the number of shares outstanding. Most mutual funds continuously offer new shares to investors.

National Association of Securities Dealers, Inc. (NASD)-A self-regulatory organization with authority over firms that distribute mutual fund shares as well as other securities.

Net Asset Value (NAV)-The per-share value of a mutual fund, found by subtracting the fund's liabilities from its assets and dividing by the number of shares outstanding. Mutual funds calculate their NAVs at least once daily.

No-Load Fund-A mutual fund whose shares are sold without a sales commission and without a $12 \mathrm{~b}-1$ fee of more than .25 percent per year.

Open-End Investment Company-The legal name for a mutual fund, indicating that it stands ready to redeem (buy back) its shares from investors.

Operating Expenses-Business costs paid from a fund's assets before earnings are distributed to shareholders. These include management fees, 12b-1 fees, and other expenses.

Payroll Deduction Plan-An arrangement that some employers offer employees to accumulate mutual fund shares. Employees authorize their employer to deduct a specified amount from their salaries at stated times and transfer the proceeds to the fund.

Pooling-The basic concept behind mutual funds in which a fund aggregates the assets of investors who share common financial goals. A fund uses the investment pool to buy a diversified portfolio of investments, and each mutual fund share purchased represents ownership in all the fund's underlying securities.

Portfolio-A collection of securities owned by an individual or an institution (such as a mutual fund) that may include stocks, bonds, and money market securities.

Portfolio Manager-A specialist employed by a mutual fund's adviser to invest the fund's assets in accordance with predetermined investment objectives.

Portfolio Turnover-A measure of the trading activity in a fund's investment portfolio - how often securities are bought and sold by a fund.

Prepayment Risk-The possibility that a bond owner will receive his or her principal investment back from the issuer prior to the bond's maturity date.

Principal-See Face Value.
Professional Management-The full-time, experienced team of professionals that decides what securities to buy, hold, and sell for a mutual fund portfolio.

Prospectus-The official document that describes a mutual fund to prospective investors. The prospectus contains information required by the SEC, such as investment objectives and policies, risks, services, and fees.

Quality-The creditworthiness of a bond issuer, which indicates the likelihood that it will be able to repay its debt.

Redeem-To cash in mutual fund shares by selling them back to the fund. Mutual fund shares may be redeemed on any business day. An investor receives the current share price, called net asset value, minus any deferred sales charge or redemption fee.

Redemption Price-The amount per share (shown as the "bid" in newspaper tables) that mutual fund shareholders receive when they cash in shares. The value of a fund's shares on any given day depends on the current market value of its underlying investment portfolio at that time.

Reinvestment Privilege-An option whereby mutual fund dividend and capital gain distributions automatically buy new fund shares.

Risk/Reward Tradeoff-The principle that an investment must offer higher potential returns as compensation for the likelihood of increased volatility.

Rollover-The shifting of an investor's assets from one qualified retirement plan to another-due to changing jobs, for instance-without a tax penalty.

Sales Charge or Load -An amount charged for the sale of some fund shares, usually those sold by brokers or other sales professionals. By regulation, a mutual fund sales charge may not exceed 8.5 percent of an investment purchase. The charge may vary depending on the amount invested and the fund chosen. A sales charge or load is reflected in the asked or offering price. See Asked or Offering Price.

Series Fund-A group of different mutual funds, each with its own investment objective and policies, that is structured as a single corporation or business trust.

Share Classes (e.g., Class A, Class B, etc.)-Represent ownership in the same fund, but with different fee charges. This enables shareholders to choose the type of fee structure that best suits their particular needs.

Shareholder-An investor who owns shares of a mutual fund or other company.
Short-Term Funds-Another term for money market funds.
Small-Cap Stocks-Stock of small-capitalization companies, which are generally considered to be companies whose total outstanding shares are valued at less than $\$ 1.6$ billion.

Statement of Additional Information (SAI)-The supplementary document to a prospectus that contains more detailed information about a mutual fund; also known as "Part B" of the prospectus.

Stock-A share of ownership or equity in a corporation.
Total Return-A measure of a fund's performance that encompasses all elements of return: dividends, capital gain distributions, and changes in net asset value. Total return is the change in value of an investment over a given period, assuming reinvestment of any dividends and capital gain distributions, expressed as a percentage of the initial investment.

Transfer Agent-The organization employed by a mutual fund to prepare and maintain records relating to shareholder accounts.

12b-1 Fee-A mutual fund fee, named for the SEC rule that permits it, used to pay distribution costs, such as advertising and commissions paid to dealers. If a fund has a $12 \mathrm{~b}-1$ fee, it will be disclosed in the fee table of a fund's prospectus.

Underwriter-The organization that sells a mutual fund's shares to broker-dealers and investors.

Unit Investment Trust (UIT)-An investment company that buys and holds a fixed number of shares until the trust's termination date. When the trust is dissolved, proceeds are paid to shareholders. A UIT has an unmanaged portfolio. Like a mutual fund, shares of a UIT can be redeemed on any business day.
U.S. Securities and Exchange Commission (SEC)-The primary U.S. government agency responsible for the regulation of the day-to-day operations and disclosure obligations of mutual funds.

Variable Annuity-An investment contract sold by an insurance company; capital is accumulated, often through mutual fund investments, and converted to an income stream later, often at an investor's retirement.

Withdrawal Plan-A fund service allowing shareholders to receive income or principal payments from their fund account at regular intervals.

Yield-A measure of net income (dividends and interest) earned by the securities in a fund's portfolio less the fund's expenses during a specified period. A fund's yield is expressed as a percentage of the maximum offering price per share on a specified date.

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The Tax Reform Act of 1976 permits the
1976 creation of municipal bond funds. The first retail index fund is offered.
Tax-exempt money market funds are introduced.

The SEC permits mutual funds to advertise performance. Mutual fund shareholder accounts total 9.8 million in 524 funds.
$\qquad$
The Tax Reform Act of 1986 reduces IRA deductibility.

The SEC adopts a mutual fund fee table rule
1979
1978
The Revenue Act of 1978 permits the creation of $401(\mathrm{k})$ retirement plans and simplified employee pensions (SEPs).

[^29]The Economic Recovery Tax Act establishes "universal" IRAs for all workers. standardizing presentation of fund fees in prospectuses.
$\underline{ }$

The first exchange-traded fund shares are issued.

The Small Business Job Protection Act creates
SIMPLE plans for employees of small businesses.

The SEC approves the most significant disclosure
reforms in the history of U.S. mutual funds, encompassing "plain English," fund profiles, and improved risk disclosure.

The enactment of the Economic Growth and
2001
Tax Relief Reconciliation Act of 2001 significantly expands retirement savings opportunities for millions of working Americans.

1996

1998
Mutual fund assets top $\$ 1$ trillion.

1994 ICI publishes Report on Personal Investing by fund personnel, including recommendations to address potential conflicts of interest.

The Gramm-Leach-Bliley Act modernizes financial services regulation and enhances financial privacy. ICI publishes Best Practices for Fund Directors.

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[^0]:    *Many mutual funds offer lower investment minimums for Individual Retirement Accounts and automatic investment plans.

    Note: Components do not sum to 100 percent due to rounding.

[^1]:    *Other investors include U.S. households, pension funds, and insurance companies.
    Sources: Investment Company Institute, Nasdaq, AMEX, and NYSE

[^2]:    *Preliminary data

[^3]:    */n the 12 months preceding the survey (June 2000 through May 2001). Excludes shareholders using the Internet only to send or receive e-mail.

[^4]:    ${ }^{1}$ Preliminary data
    ${ }^{2}$ Bank and thrift deposits include Keogh deposits.
    ${ }^{3}$ Annuities held by IRAs, excluding variable annuity mutual fund IRA assets.
    ${ }^{e}$ Estimated
    Note: Components may not add to totals due to rounding.
    Sources: Investment Company Institute, Federal Reserve Board, American Council of Life Insurers, and Internal Revenue Service

[^5]:    Note: See page 109 for data points on this chart.
    Source: Tabulations from EBRI/ICI Participant-Directed Retirement Plan Data Collection Project

[^6]:    ${ }^{1}$ Preliminary data
    ${ }^{2}$ Includes 457 plans, private defined benefit plans, state and local government employee retirement funds, Keoghs, and other defined contribution plans without $401(k)$ features.

[^7]:    Note: Data were estimated for a few individual state observations in order to construct a continuous time series.
    Sources: Investment Company Institute, College Savings Plans Network, SavingforCollege.com, individual states, and investment managers

[^8]:    Note: The data contain a series break beginning in 1984. At that time, data for funds that invest in other mutual funds were excluded from the series.

[^9]:    Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^10]:    Note: Figures for shareholder accounts represent combined totals for member companies; duplications have not been eliminated. The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^11]:    Note: The data contain a series break beginning in 1984. At that time, data for funds that invest in other mutual funds were excluded from the series.

[^12]:    *Net new cash flow is the dollar value of new sales minus redemptions, combined with net exchanges.
    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^13]:    *Net new cash flow is the dollar value of new sales minus redemptions, combined with net exchanges.
    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^14]:    *Net new cash flow is the dollar value of new sales minus redemptions, combined with net exchanges.
    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^15]:    Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^16]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^17]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^18]:    Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^19]:    Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^20]:    Note: The data contain a series break beginning in 1984. All funds were reclassified in 1984 and a separate category was created for hybrid funds. At the same time, data for funds that invest in other mutual funds were excluded from the series.

[^21]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^22]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^23]:    *Net new cash flow is the dollar value of new sales minus redemptions, combined with net exchanges. Note: Data for funds that invest in other mutual funds were excluded from the series.

[^24]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^25]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^26]:    Note: Data for funds that invest in other mutual funds were excluded from the series.

[^27]:    Note: Components may not sum to total because of rounding.

[^28]:    Source: Tabulations from EBRI/ICI Participant-Directed Retirement Plan Data Collection Project

[^29]:    1981

