

## The U.S. Retirement Market, Second Quarter 2009

### KEY FINDINGS

- Total U.S. retirement assets were \$14.4 trillion as of June 30, 2009, up 7.4 percent from \$13.4 trillion on March 31, 2009. Retirement savings accounted for 34 percent of all household financial assets in the United States.
- IRAs held \$3.7 trillion at the end of the second quarter of 2009, up from \$3.4 trillion at the end of the first quarter. Forty-five percent of IRA assets, or \$1.7 trillion, was invested in mutual funds.
- Americans held \$3.6 trillion in all employer-based defined contribution (DC) retirement plans, of which \$2.5 trillion was held in 401(k) plans, on June 30, 2009. Those figures are up from \$3.4 trillion and \$2.3 trillion, respectively, on March 31, 2009. Mutual funds managed \$1.8 trillion, or 48 percent, of assets in 401(k), 403(b), 457, and other DC plans at the end of the second quarter.
- Assets in lifecycle funds grew 22.0 percent in the second quarter. A lifecycle, or target date, fund typically rebalances its portfolio to become more conservative as it approaches and passes a specified target date. Lifecycle funds managed \$194 billion at the end of the second quarter of 2009, up from \$159 billion at the end of the first quarter. Eighty-six percent of assets in lifecycle funds are held in retirement accounts.

Readers should refer to ***The U.S. Retirement Market, 2008*** at [www.ici.org/pdf/fm-v18n5.pdf](http://www.ici.org/pdf/fm-v18n5.pdf) for detailed information on the methodology, data sources, and interpretation of the Institute's reports on retirement assets in IRAs, DC plans, private-sector defined benefit (DB) plans, government pension plans, and annuities.

FIGURE 1

## U.S. RETIREMENT ASSETS

Trillions of dollars, end-of-period, 1998–2007, 2008:Q2–2009:Q2

- Annuities<sup>1</sup>
- Federal pension plans<sup>2</sup>
- State and local pension plans
- Private DB plans
- DC plans<sup>3</sup>
- IRAs



<sup>1</sup>Annuites include all fixed and variable annuity reserves at life insurance companies less annuities held by IRAs, 403(b) plans, 457 plans, and private pension funds (including 401(k) plans).

<sup>2</sup>Federal pension plans include U.S. Treasury security holdings of the civil service retirement and disability fund, the military retirement fund, the judicial retirement funds, the Railroad Retirement Board, and the foreign service retirement and disability fund. These plans also include securities held in the National Railroad Retirement Investment Trust and Federal Employees Retirement System (FERS) Thrift Savings Plan (TSP).

<sup>3</sup>DC plans include 403(b) plans, 457 plans, and private employer-sponsored DC plans (including 401(k) plans).

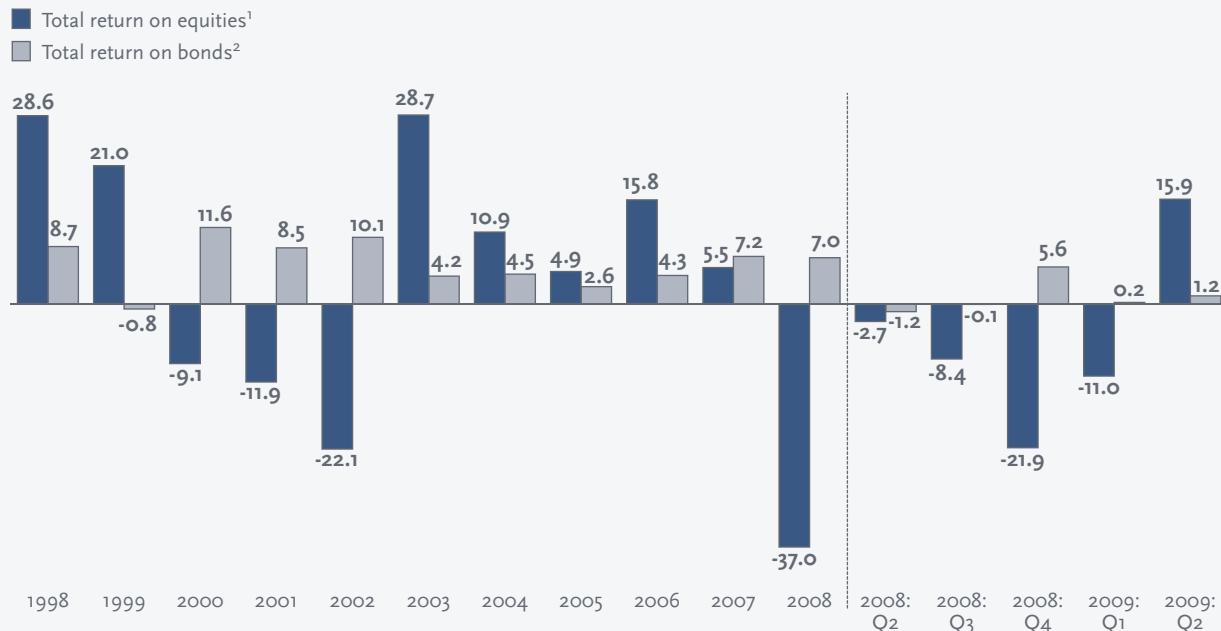
<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, American Council of Life Insurers, and Internal Revenue Service Statistics of Income Division

**FIGURE 2****EQUITY AND BOND RETURNS**

Percent change in total return index, 1998–2008, 2008:Q2–2009:Q2



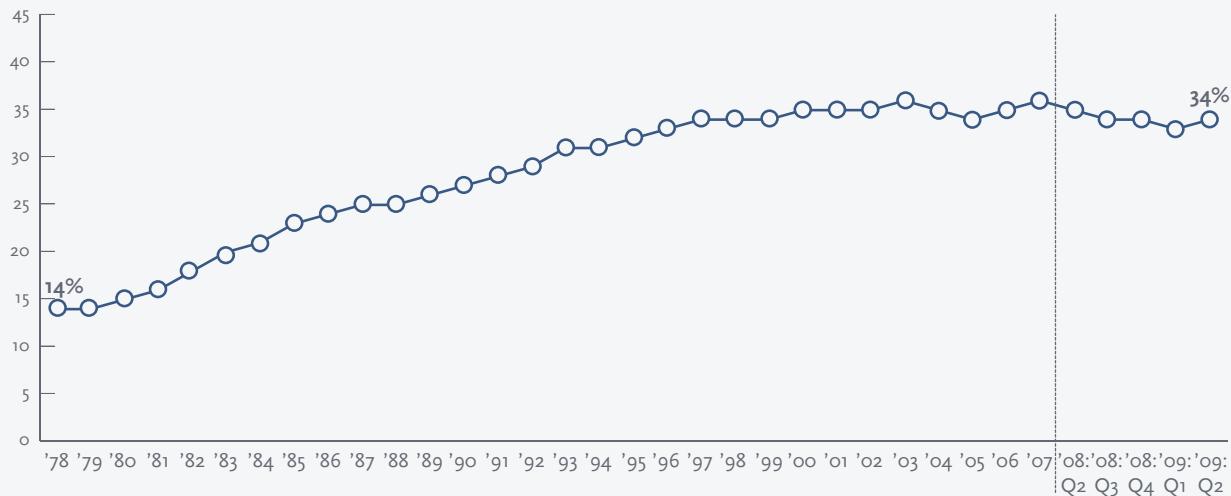
<sup>1</sup>The total return on equities reported is the S&P 500 index, which consists of 500 U.S. stocks chosen for market size, liquidity, and industry group representation.

<sup>2</sup>The total return on bonds reported is the Citigroup Broad Investment Grade Bond Index, which is a broad U.S. index consisting of treasuries, agency debt, corporate, noncorporate credit, mortgage-backed securities, and asset-backed securities.

Sources: Investment Company Institute, Bloomberg, Standard & Poor's, and Citigroup

**FIGURE 3****RETIREMENT ASSETS REPRESENTED 34 PERCENT OF HOUSEHOLD FINANCIAL ASSETS**

Retirement assets as a percentage of household financial assets, end-of-period, 1978–2007, 2008:Q2–2009:Q2



Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, American Council of Life Insurers, and Internal Revenue Service Statistics of Income Division

FIGURE 4

## 45 PERCENT OF IRA ASSETS INVESTED IN MUTUAL FUNDS

IRA assets by type of institution, end-of-period, 1990–2009:Q2

|         | Mutual funds      |                              | Bank and thrift deposits <sup>1</sup> |                              | Life insurance companies <sup>2</sup> |                              | Securities held in brokerage accounts <sup>3</sup> |                              | Total assets (billions) |
|---------|-------------------|------------------------------|---------------------------------------|------------------------------|---------------------------------------|------------------------------|--|------------------------------|-------------------------|
|         | Assets (billions) | Share <sup>4</sup> (percent) | Assets (billions)                     | Share <sup>4</sup> (percent) | Assets (billions)                     | Share <sup>4</sup> (percent) | Assets (billions)                                  | Share <sup>4</sup> (percent) |                         |
| 1990    | \$140             | 22%                          | \$266                                 | 42%                          | \$40                                  | 6%                           | \$190  | 30%                          | \$636                   |
| 1991    | 188               | 24                           | 283                                   | 36                           | 45                                    | 6                            | 260  | 34                           | 776                     |
| 1992    | 237               | 27                           | 275                                   | 32                           | 50                                    | 6                            | 311  | 36                           | 873                     |
| 1993    | 321               | 32                           | 263                                   | 26                           | 62                                    | 6                            | 347  | 35                           | 993                     |
| 1994    | 348               | 33                           | 255                                   | 24                           | 70                                    | 7                            | 383  | 36                           | 1,056                   |
| 1995    | 474               | 37                           | 261                                   | 20                           | 81                                    | 6                            | 472  | 37                           | 1,288                   |
| 1996    | 595               | 41                           | 259                                   | 18                           | 92                                    | 6                            | 521  | 36                           | 1,467                   |
| 1997    | 780               | 45                           | 254                                   | 15                           | 136                                   | 8                            | 558  | 32                           | 1,728                   |
| 1998    | 982               | 46                           | 249                                   | 12                           | 157                                   | 7                            | 762  | 35                           | 2,150                   |
| 1999    | 1,277             | 48                           | 243                                   | 9                            | 203                                   | 8                            | 928  | 35                           | 2,651                   |
| 2000    | 1,250             | 48                           | 250                                   | 10                           | 203                                   | 8                            | 927  | 35                           | 2,629                   |
| 2001    | 1,177             | 45                           | 255                                   | 10                           | 211                                   | 8                            | 977  | 37                           | 2,619                   |
| 2002    | 1,045             | 41                           | 263                                   | 10                           | 268                                   | 11                           | 957  | 38                           | 2,533                   |
| 2003    | 1,327             | 44                           | 268                                   | 9                            | 285                                   | 10                           | 1,113 <sup>e</sup>                                 | 37                           | 2,993 <sup>e</sup>      |
| 2004    | 1,521             | 46                           | 269                                   | 8                            | 282                                   | 9                            | 1,226  | 37                           | 3,299                   |
| 2005    | 1,701             | 47                           | 278                                   | 8                            | 308                                   | 8                            | 1,365 <sup>e</sup>                                 | 37                           | 3,652 <sup>e</sup>      |
| 2006    | 2,029             | 48                           | 313                                   | 7                            | 318                                   | 8                            | 1,561 <sup>e</sup>                                 | 37                           | 4,220 <sup>e</sup>      |
| 2007:Q1 | 2,098             | 48                           | 320                                   | 7                            | 319 <sup>e</sup>                      | 7                            | 1,609 <sup>e</sup>                                 | 37                           | 4,346 <sup>e</sup>      |
| 2007:Q2 | 2,235             | 49                           | 328                                   | 7                            | 325 <sup>e</sup>                      | 7                            | 1,715 <sup>e</sup>                                 | 37                           | 4,602 <sup>e</sup>      |
| 2007:Q3 | 2,321             | 49                           | 333                                   | 7                            | 327 <sup>e</sup>                      | 7                            | 1,780 <sup>e</sup>                                 | 37                           | 4,760 <sup>e</sup>      |
| 2007:Q4 | 2,305             | 49                           | 340                                   | 7                            | 325 <sup>e</sup>                      | 7                            | 1,766 <sup>e</sup>                                 | 37                           | 4,736 <sup>e</sup>      |
| 2008:Q1 | 2,164             | 48                           | 351                                   | 8                            | 321 <sup>e</sup>                      | 7                            | 1,673 <sup>e</sup>                                 | 37                           | 4,510 <sup>e</sup>      |
| 2008:Q2 | 2,154             | 48                           | 359                                   | 8                            | 320 <sup>e</sup>                      | 7                            | 1,668 <sup>e</sup>                                 | 37                           | 4,502 <sup>e</sup>      |
| 2008:Q3 | 1,924             | 47                           | 370                                   | 9                            | 322 <sup>e</sup>                      | 8                            | 1,497 <sup>e</sup>                                 | 36                           | 4,114 <sup>e</sup>      |
| 2008:Q4 | 1,592             | 45                           | 391                                   | 11                           | 310 <sup>e</sup>                      | 9                            | 1,279 <sup>e</sup>                                 | 36                           | 3,572 <sup>e</sup>      |
| 2009:Q1 | 1,496             | 44                           | 410                                   | 12                           | 309 <sup>e</sup>                      | 9                            | 1,205 <sup>e</sup>                                 | 35                           | 3,421 <sup>e</sup>      |
| 2009:Q2 | 1,684             | 45                           | 424                                   | 11                           | 308 <sup>e</sup>                      | 8                            | 1,323 <sup>e</sup>                                 | 35                           | 3,739 <sup>e</sup>      |

<sup>1</sup>Bank and thrift deposits include Keogh deposits.<sup>2</sup>Life insurance company IRA assets are annuities held by IRAs, excluding variable annuity mutual fund IRA assets, which are included in mutual funds.<sup>3</sup>Securities held in brokerage accounts exclude mutual fund assets held through brokerage accounts, which are included in mutual funds.<sup>4</sup>Share is the percentage of total IRA assets.<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, American Council of Life Insurers, and Internal Revenue Service Statistics of Income Division

**FIGURE 5****47 MILLION HOUSEHOLDS OWNED IRAs**

May 2008

|                 | Year created                                      | Number of U.S. households with type of IRA, 2008 | Percentage of U.S. households with type of IRA, 2008 |
|-----------------|---|--|--|
| Traditional IRA | 1974<br>(Employee Retirement Income Security Act) | 37.5 million                                     | 32.1%  |
| SEP IRA         | 1978<br>(Revenue Act)                             |  |  |
| SAR-SEP IRA     | 1986<br>(Tax Reform Act)                          |  |  |
| SIMPLE IRA      | 1996<br>(Small Business Job Protection Act)       |  |  |
| Roth IRA        | 1997<br>(Taxpayer Relief Act)                     | 18.6 million                                     | 15.9%  |
| Any IRA         |   | 47.3 million                                     | 40.5%  |

*Note: Households may hold more than one type of IRA.**Sources: Investment Company Institute and U.S. Census Bureau (Fundamentals, "The Role of IRAs in U.S. Households' Saving for Retirement, 2008" [www.ici.org/pdf/fm-v18n1.pdf])***FIGURE 6****MOST IRA ASSETS HELD IN TRADITIONAL IRAs**

IRA assets by type, year-end, 1998–2008

|      | Traditional <sup>1</sup> |                        | SEP and SAR-SEP   |                        | Roth <sup>2</sup> |                        | SIMPLE            |                        | Total assets <sup>4</sup> (billions) |
|------|--------------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|--------------------------------------|
|      | Assets (billions)        | Share <sup>3</sup> (%) | Assets (billions) | Share <sup>3</sup> (%) | Assets (billions) | Share <sup>3</sup> (%) | Assets (billions) | Share <sup>3</sup> (%) |                                      |
| 1998 | \$1,974                  | 92%                    | \$115             | 5%                     | \$57              | 3%                     | \$4               | (*)                    | \$2,150                              |
| 1999 | 2,423                    | 91                     | 143               | 5                      | 76                | 3                      | 9                 | (*)                    | 2,651                                |
| 2000 | 2,407                    | 92                     | 134               | 5                      | 78                | 3                      | 10                | (*)                    | 2,629                                |
| 2001 | 2,395                    | 91                     | 131               | 5                      | 79                | 3                      | 14                | 1%                     | 2,619                                |
| 2002 | 2,322                    | 92                     | 117               | 5                      | 78                | 3                      | 16                | 1                      | 2,533                                |
| 2003 | 2,719 <sup>e</sup>       | 91                     | 145 <sup>e</sup>  | 5                      | 106 <sup>e</sup>  | 4                      | 23 <sup>e</sup>   | 1                      | 2,993 <sup>e</sup>                   |
| 2004 | 2,957                    | 90                     | 169               | 5                      | 140               | 4                      | 34                | 1                      | 3,299                                |
| 2005 | 3,259 <sup>e</sup>       | 89                     | 191 <sup>e</sup>  | 5                      | 160 <sup>e</sup>  | 4                      | 42 <sup>e</sup>   | 1                      | 3,652 <sup>e</sup>                   |
| 2006 | 3,749 <sup>e</sup>       | 89                     | 223 <sup>e</sup>  | 5                      | 195 <sup>e</sup>  | 5                      | 53 <sup>e</sup>   | 1                      | 4,220 <sup>e</sup>                   |
| 2007 | 4,197 <sup>e</sup>       | 89                     | 253 <sup>e</sup>  | 5                      | 225 <sup>e</sup>  | 5                      | 61 <sup>e</sup>   | 1                      | 4,736 <sup>e</sup>                   |
| 2008 | 3,183 <sup>e</sup>       | 89                     | 180 <sup>e</sup>  | 5                      | 165 <sup>e</sup>  | 5                      | 44 <sup>e</sup>   | 1                      | 3,572 <sup>e</sup>                   |

<sup>1</sup>Traditional IRAs include contributory and rollover IRAs.<sup>2</sup>Roth IRAs include contributory and conversion Roth IRAs.<sup>3</sup>Share is the percentage of total IRA assets.<sup>4</sup>Education IRAs were renamed Coverdell Education Savings Accounts (ESAs) in July 2001 and are not included in total IRA assets.

(\*) = less than 0.5 percent

<sup>e</sup>Data are estimated.*Note: Components may not add to the total because of rounding.**Sources: Investment Company Institute and Internal Revenue Service Statistics of Income Division*

**FIGURE 7****ROLLOVERS GENERATE A SIGNIFICANT PORTION OF FLOWS INTO TRADITIONAL IRAs**

Billions of dollars, 1996–2008

|      | Traditional IRAs           |                        |                          |   |   |
|------|----------------------------|------------------------|--------------------------|---|---|
|      | Contributions <sup>1</sup> | Rollovers <sup>2</sup> | Withdrawals <sup>3</sup> | Total assets <sup>4</sup><br>(year-end) | Of which:<br>assets held in<br>mutual funds<br>(year-end) |
| 1996 | \$14.1                     | \$114.0                | \$45.5                   | N/A                                     | \$563   |
| 1997 | 15.0                       | 121.5                  | 55.2                     | \$1,642 <sup>e</sup>                    | 735   |
| 1998 | 11.9                       | 160.0                  | 74.1                     | 1,974                                   | 890   |
| 1999 | 10.3                       | 199.9                  | 87.1                     | 2,423                                   | 1,142   |
| 2000 | 10.0                       | 225.6                  | 99.0                     | 2,407                                   | 1,113   |
| 2001 | 9.2                        | 187.8                  | 94.3                     | 2,395                                   | 1,045   |
| 2002 | 12.4                       | 204.4                  | 88.2                     | 2,322                                   | 919   |
| 2003 | 12.3 <sup>e</sup>          | 205.0 <sup>e</sup>     | 88.3                     | 2,719 <sup>e</sup>                      | 1,155   |
| 2004 | 12.6                       | 214.9                  | 101.7                    | 2,957                                   | 1,315   |
| 2005 | N/A                        | N/A                    | 112.3                    | 3,259 <sup>e</sup>                      | 1,460   |
| 2006 | N/A                        | N/A                    | 124.7                    | 3,749 <sup>e</sup>                      | 1,732   |
| 2007 | N/A                        | N/A                    | 148.0                    | 4,197 <sup>e</sup>                      | 1,960   |
| 2008 | N/A                        | N/A                    | N/A                      | 3,183 <sup>e</sup>                      | 1,356   |

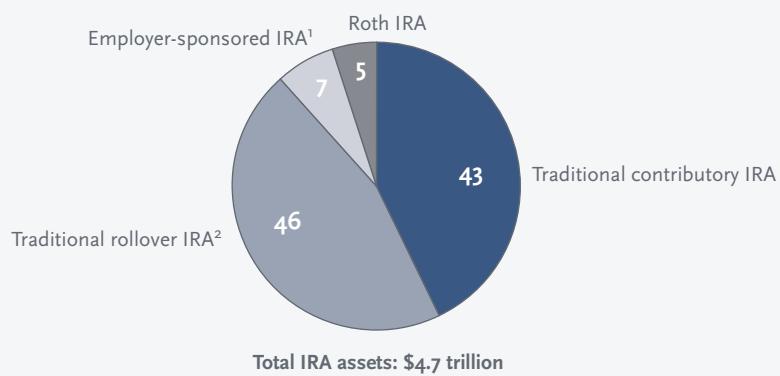
<sup>1</sup>Contributions include both deductible and nondeductible contributions to traditional IRAs.<sup>2</sup>Rollovers are primarily from employer-sponsored retirement plans.<sup>3</sup>Withdrawals consist of taxable IRA distributions reported on Form 1040, which have been primarily from traditional IRAs.<sup>4</sup>Total assets are the fair market value of assets at year-end.<sup>e</sup>Data are estimated.

N/A = not available

Sources: Investment Company Institute and Internal Revenue Service Statistics of Income Division

**FIGURE 8****EMPLOYER-BASED SAVINGS ARE THE SOURCE OF HALF OF IRA ASSETS**

Percentage of total IRA assets, year-end 2007

<sup>1</sup>Employer-sponsored IRAs include SEP, SAR-SEP, and SIMPLE IRA assets.<sup>2</sup>Traditional rollover IRA assets include all assets contained in IRA accounts classified as rollover IRAs as estimated from the Federal Reserve Board Survey of Consumer Finances.

Note: Components do not add to 100 percent because of rounding.

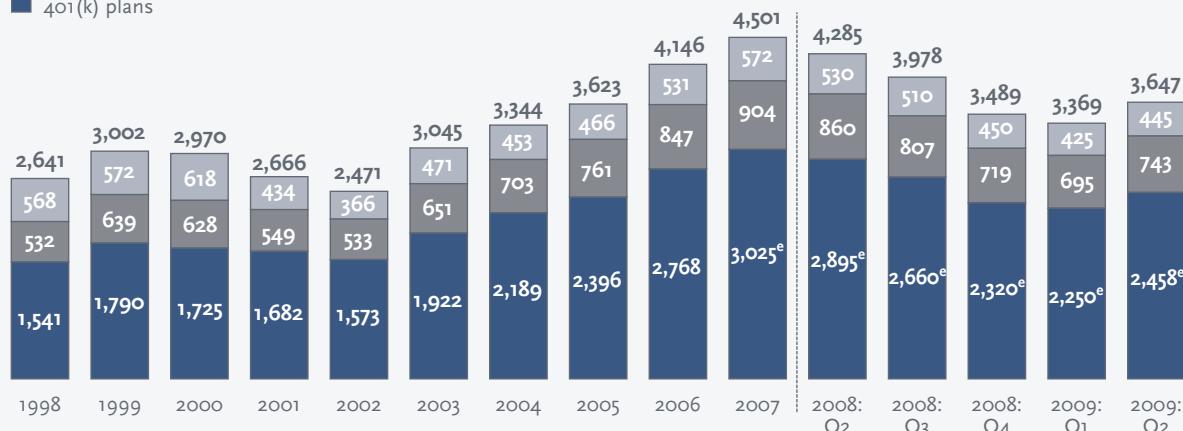
Sources: Internal Revenue Service Statistics of Income Division and Investment Company Institute tabulations of Federal Reserve Board Survey of Consumer Finances

FIGURE 9

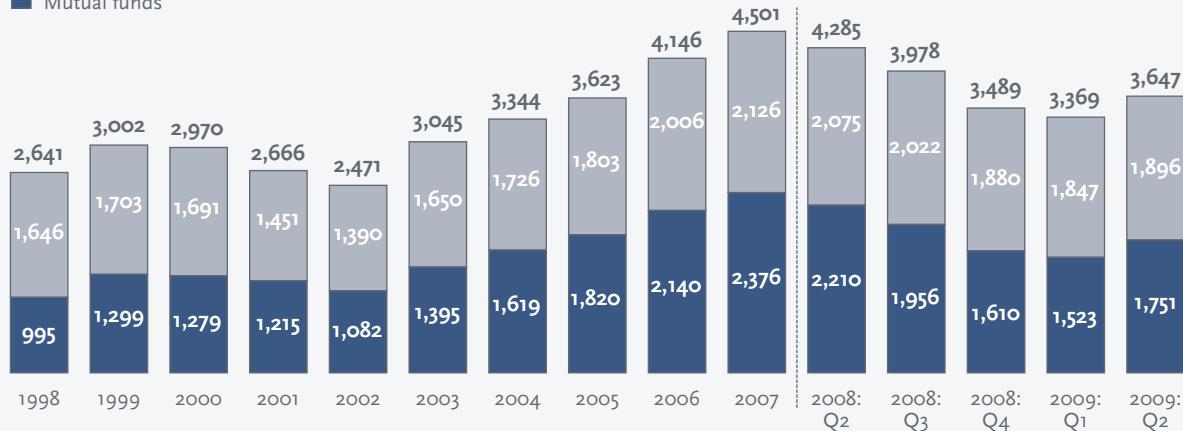
## DEFINED CONTRIBUTION PLAN ASSETS AND AMOUNTS HELD IN MUTUAL FUNDS

Billions of dollars, end-of-period, 1998–2007, 2008:Q2–2009:Q2

- Other DC plans\*
- 403(b) plans and 457 plans
- 401(k) plans



- Other investments
- Mutual funds



\*Other DC plans include Keoghs and other DC plans (profit-sharing, thrift-savings, stock bonus, and money purchase) without 401(k) features.

<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, and American Council of Life Insurers

FIGURE 10

## DEFINED CONTRIBUTION PLANS HOLD SIGNIFICANT MUTUAL FUND ASSETS

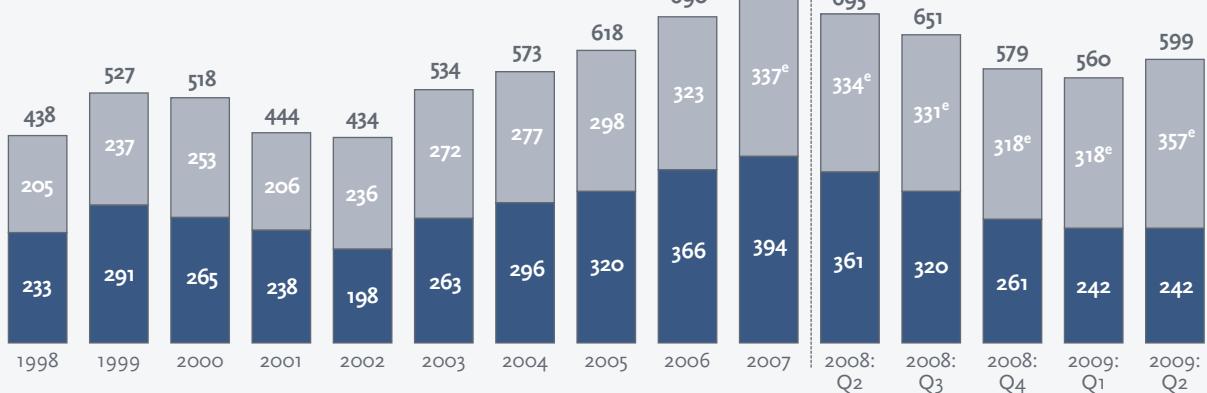
Billions of dollars, end-of-period, 1998–2007, 2008:Q2–2009:Q2

■ Other investments  
 ■ Mutual funds

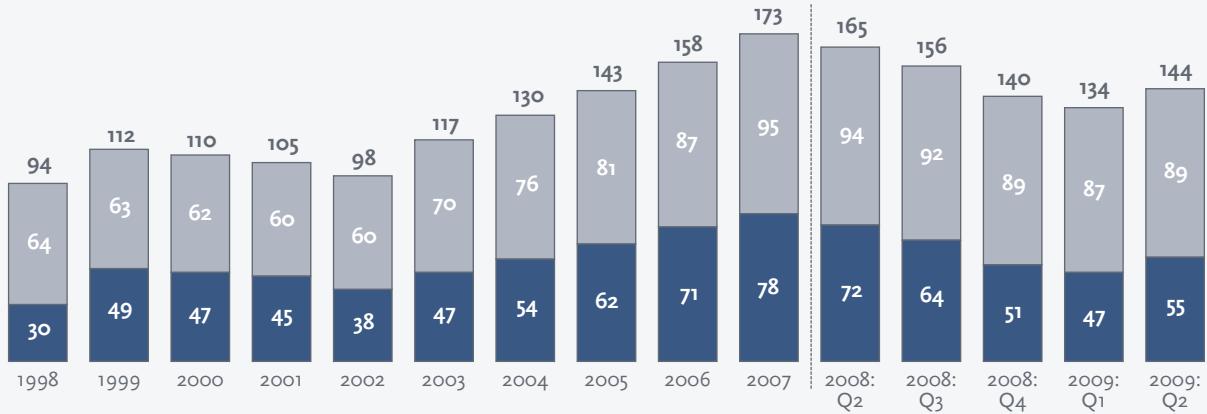
## 401(k) PLANS



## 403(b) PLANS



## 457 PLANS

<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, and American Council of Life Insurers

FIGURE 11

**403(b) PLAN ASSETS AND SHARE OF TOTAL 403(b) PLAN ASSETS BY INSTITUTION**

End-of-period, 1996–2009:Q2

|         | Life insurance companies <sup>1</sup> |                              | VA mutual funds   |                              | Non-VA mutual funds |                              | Total assets (billions) |
|---------|---------------------------------------|------------------------------|-------------------|------------------------------|---------------------|------------------------------|-------------------------|
|         | Assets (billions)                     | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions)   | Share <sup>2</sup> (percent) |                         |
| 1996    | \$208 <sup>e</sup>                    | 58%                          | \$103             | 29%                          | \$45                | 13%                          | \$357                   |
| 1997    | 238 <sup>e</sup>                      | 56                           | 129               | 30                           | 59                  | 14                           | 426                     |
| 1998    | 205                                   | 47                           | 158               | 36                           | 75                  | 17                           | 438                     |
| 1999    | 237                                   | 45                           | 190               | 36                           | 100                 | 19                           | 527                     |
| 2000    | 253                                   | 49                           | 173               | 33                           | 92                  | 18                           | 518                     |
| 2001    | 206                                   | 46                           | 149               | 34                           | 89                  | 20                           | 444                     |
| 2002    | 236                                   | 54                           | 120               | 28                           | 79                  | 18                           | 434                     |
| 2003    | 272                                   | 51                           | 157               | 29                           | 105                 | 20                           | 534                     |
| 2004    | 277                                   | 48                           | 175               | 31                           | 121                 | 21                           | 573                     |
| 2005    | 298                                   | 48                           | 185               | 30                           | 135                 | 22                           | 618                     |
| 2006    | 323                                   | 47                           | 210               | 30                           | 156                 | 23                           | 690                     |
| 2007:Q1 | 325 <sup>e</sup>                      | 47                           | 215               | 31                           | 159                 | 23                           | 699                     |
| 2007:Q2 | 332 <sup>e</sup>                      | 46                           | 225               | 31                           | 171                 | 23                           | 728                     |
| 2007:Q3 | 336 <sup>e</sup>                      | 45                           | 229               | 31                           | 175                 | 24                           | 740                     |
| 2007:Q4 | 337 <sup>e</sup>                      | 46                           | 221               | 30                           | 173                 | 24                           | 731                     |
| 2008:Q1 | 334 <sup>e</sup>                      | 48                           | 202               | 29                           | 159                 | 23                           | 696                     |
| 2008:Q2 | 334 <sup>e</sup>                      | 48                           | 199               | 29                           | 161                 | 23                           | 695                     |
| 2008:Q3 | 331 <sup>e</sup>                      | 51                           | 178               | 27                           | 143                 | 22                           | 651                     |
| 2008:Q4 | 318 <sup>e</sup>                      | 55                           | 144               | 25                           | 118                 | 20                           | 579                     |
| 2009:Q1 | 318 <sup>e</sup>                      | 57                           | 133               | 24                           | 110                 | 20                           | 560                     |
| 2009:Q2 | 321 <sup>e</sup>                      | 54                           | 151               | 25                           | 126                 | 21                           | 599                     |

<sup>1</sup>Annuities held by 403(b) plans exclude variable annuity (VA) mutual fund 403(b) assets.<sup>2</sup>Share is the percentage of total 403(b) plan assets.<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, American Council of Life Insurers, and Federal Reserve Board

FIGURE 12

**MAJORITY OF MUTUAL FUND RETIREMENT ASSETS INVESTED IN STOCKS**

Mutual fund retirement assets by type of fund, billions of dollars, 2009:Q2

|   | Equity         |                |              |                     |              | Money market | Total          |
|---|----------------|----------------|--------------|---------------------|--------------|--------------|----------------|
|   | Total          | Domestic       | Foreign      | Hybrid <sup>1</sup> | Bond         |              |                |
| <b>Retirement accounts</b>  | <b>\$1,921</b> | <b>\$1,486</b> | <b>\$435</b> | <b>\$577</b>        | <b>\$498</b> | <b>\$439</b> | <b>\$3,435</b> |
| IRAs  | 894            | 688            | 205          | 258                 | 271          | 262          | 1,684          |
| DC plans  | 1,027          | 798            | 229          | 319                 | 227          | 177          | 1,751          |
| 401(k) plans  | 729            | 549            | 180          | 257                 | 157          | 116          | 1,259          |
| 403(b) plans  | 188            | 163            | 25           | 34                  | 29           | 26           | 278            |
| 457 plans   | 35             | 28             | 7            | 10                  | 7            | 2            | 55             |
| Other DC plans <sup>2</sup>   | 75             | 57             | 18           | 18                  | 34           | 33           | 160            |
| <b>VA mutual funds (outside of retirement accounts)<sup>3</sup></b> | <b>478</b>     | <b>370</b>     | <b>108</b>   | <b>51</b>           | <b>164</b>   | <b>49</b>    | <b>742</b>     |
| <b>Total</b>  | <b>2,399</b>   | <b>1,856</b>   | <b>543</b>   | <b>628</b>          | <b>662</b>   | <b>488</b>   | <b>4,177</b>   |

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle funds is counted in this category.<sup>2</sup>Other DC plans include Keoghs and other DC plans (profit-sharing, thrift-savings, stock bonus, and money purchase) without 401(k) features.<sup>3</sup>Some of the VA mutual fund assets may be assets held in variable life insurance policies, which are not counted as part of the U.S. retirement market. ICI is not able to separately identify the portion of VA mutual fund assets contained in these policies.

Note: Components may not add to the totals because of rounding.

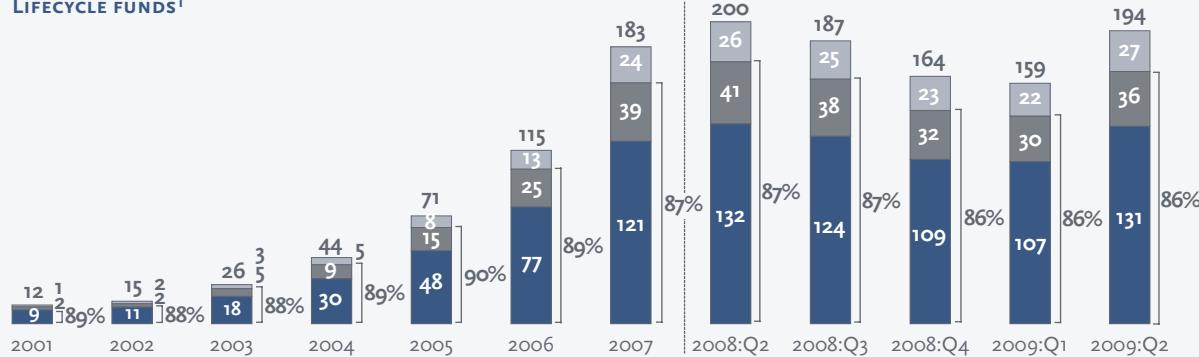
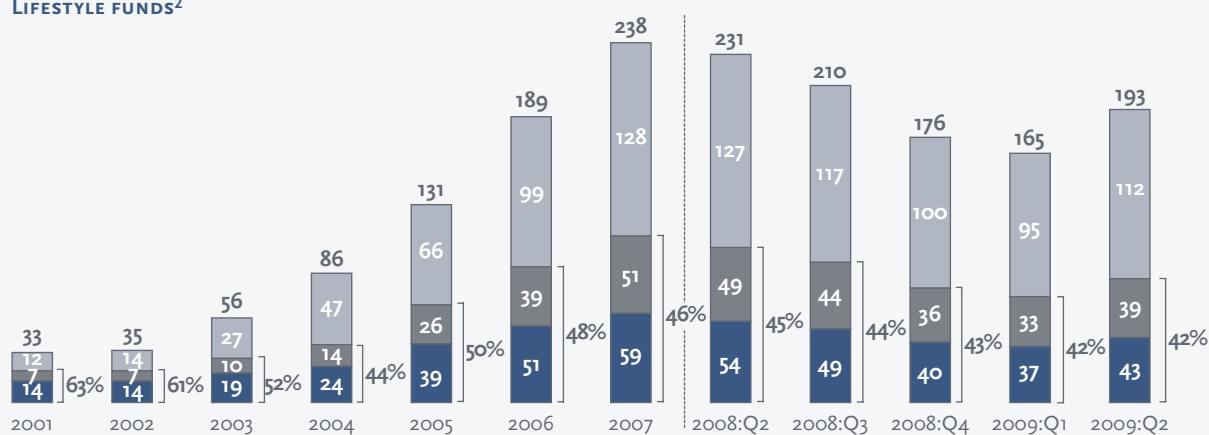
Source: Investment Company Institute

FIGURE 13

**LIFECYCLE AND LIFESTYLE FUND ASSETS**

Billions of dollars, end-of-period, 2001–2007, 2008:Q2–2009:Q2

- Other investors
- IRAs
- Employer-sponsored DC plans

**LIFECYCLE FUNDS<sup>1</sup>****LIFESTYLE FUNDS<sup>2</sup>**

<sup>1</sup>A lifecycle fund typically rebalances to an increasingly conservative portfolio as it approaches and passes the target date of the fund, which is usually included in the fund's name.

<sup>2</sup>A lifestyle mutual fund maintains a predetermined risk level and generally contains "conservative," "aggressive," or "moderate" in the fund's name. Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

FIGURE A1

**U.S. TOTAL RETIREMENT MARKET**

Billions of dollars, end-of-period, 1985–2009:Q2

|         | IRAs               | DC plans <sup>1</sup> | State and local government pension plans | Private DB plans | Federal pension plans <sup>2</sup> | Annuities <sup>3</sup> | Total   |
|---------|--------------------|-----------------------|--|------------------|------------------------------------|------------------------|---------|
| 1985    | \$241              | \$509                 | \$405                                    | \$813            | \$172                              | \$181                  | \$2,321 |
| 1986    | 329                | 567                   | 481                                      | 839              | 202                                | 226                    | 2,643   |
| 1987    | 404                | 654                   | 537                                      | 827              | 233                                | 234                    | 2,890   |
| 1988    | 469                | 719                   | 603                                      | 831              | 267                                | 291                    | 3,181   |
| 1989    | 546                | 855                   | 706                                      | 945              | 304                                | 338                    | 3,694   |
| 1990    | 636                | 892                   | 742                                      | 922              | 340                                | 391                    | 3,923   |
| 1991    | 776                | 1,061                 | 868                                      | 1,073            | 382                                | 423                    | 4,582   |
| 1992    | 873                | 1,161                 | 957                                      | 1,098            | 426                                | 473                    | 4,988   |
| 1993    | 993                | 1,320                 | 1,066                                    | 1,212            | 468                                | 522                    | 5,581   |
| 1994    | 1,056              | 1,407                 | 1,117                                    | 1,303            | 512                                | 526                    | 5,921   |
| 1995    | 1,288              | 1,717                 | 1,354                                    | 1,496            | 541                                | 582                    | 6,978   |
| 1996    | 1,467              | 1,961                 | 1,538                                    | 1,623            | 606                                | 626                    | 7,821   |
| 1997    | 1,728              | 2,343                 | 1,825                                    | 1,798            | 659                                | 658                    | 9,012   |
| 1998    | 2,150              | 2,641                 | 2,063                                    | 1,948            | 716                                | 818                    | 10,336  |
| 1999    | 2,651              | 3,002                 | 2,360                                    | 2,117            | 774                                | 928                    | 11,833  |
| 2000    | 2,629              | 2,970                 | 2,340                                    | 2,009            | 797                                | 951                    | 11,696  |
| 2001    | 2,619              | 2,666                 | 2,250                                    | 1,845            | 860                                | 1,041                  | 11,280  |
| 2002    | 2,533              | 2,471                 | 1,973                                    | 1,670            | 894                                | 1,001                  | 10,543  |
| 2003    | 2,993 <sup>e</sup> | 3,045                 | 2,396                                    | 2,025            | 958                                | 1,125                  | 12,543  |
| 2004    | 3,299              | 3,344                 | 2,621                                    | 2,162            | 1,023                              | 1,332                  | 13,783  |
| 2005    | 3,652 <sup>e</sup> | 3,623                 | 2,763                                    | 2,310            | 1,072                              | 1,443                  | 14,863  |
| 2006    | 4,220 <sup>e</sup> | 4,146                 | 3,175                                    | 2,557            | 1,141                              | 1,521                  | 16,761  |
| 2007:Q1 | 4,346 <sup>e</sup> | 4,250                 | 3,209                                    | 2,601            | 1,132                              | 1,539                  | 17,077  |
| 2007:Q2 | 4,602 <sup>e</sup> | 4,449                 | 3,355                                    | 2,729            | 1,133                              | 1,584                  | 17,852  |
| 2007:Q3 | 4,760 <sup>e</sup> | 4,547                 | 3,381                                    | 2,754            | 1,155                              | 1,607                  | 18,205  |
| 2007:Q4 | 4,736 <sup>e</sup> | 4,501                 | 3,315                                    | 2,691            | 1,197                              | 1,592                  | 18,034  |
| 2008:Q1 | 4,510 <sup>e</sup> | 4,282                 | 3,079                                    | 2,493            | 1,171                              | 1,540                  | 17,076  |
| 2008:Q2 | 4,502 <sup>e</sup> | 4,285                 | 3,046                                    | 2,458            | 1,179                              | 1,538                  | 17,007  |
| 2008:Q3 | 4,114 <sup>e</sup> | 3,978                 | 2,856                                    | 2,290            | 1,188                              | 1,498                  | 15,924  |
| 2008:Q4 | 3,572 <sup>e</sup> | 3,489                 | 2,435                                    | 1,957            | 1,221                              | 1,387                  | 14,061  |
| 2009:Q1 | 3,421 <sup>e</sup> | 3,369                 | 2,283                                    | 1,821            | 1,192                              | 1,362                  | 13,449  |
| 2009:Q2 | 3,739 <sup>e</sup> | 3,647                 | 2,485                                    | 1,965            | 1,215                              | 1,394                  | 14,444  |

<sup>1</sup>DC plans include 403(b) plans, 457 plans, and private employer-sponsored DC plans (including 401(k) plans).<sup>2</sup>Federal pension plans include U.S. Treasury security holdings of the civil service retirement and disability fund, the military retirement fund, the judicial retirement funds, the Railroad Retirement Board, and the foreign service retirement and disability fund. These plans also include securities held in the National Railroad Retirement Investment Trust and Federal Employees Retirement System (FERS) Thrift Savings Plan (TSP).<sup>3</sup>Annuities include all fixed and variable annuity reserves at life insurance companies less annuities held by IRAs, 403(b) plans, 457 plans, and private pension funds. Some of these annuity reserves represent assets of individuals held outside retirement plan arrangements and IRAs; however, information to separate out such reserves is not available.<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, American Council of Life Insurers, and Internal Revenue Service Statistics of Income Division

**FIGURE A2****MUTUAL FUND RETIREMENT ACCOUNT ASSETS**

Billions of dollars, end-of-period, 1990–2009:Q2

|         | Total mutual fund<br>retirement assets | Employer-sponsored DC plan<br>mutual fund assets <sup>*</sup> | IRA mutual<br>fund assets |
|---------|--|---|---------------------------|
| 1990    | \$207                                  | \$67  | \$140                     |
| 1991    | 323                                    | 135   | 188                       |
| 1992    | 421                                    | 184   | 237                       |
| 1993    | 584                                    | 263   | 321                       |
| 1994    | 668                                    | 320   | 348                       |
| 1995    | 919                                    | 445   | 474                       |
| 1996    | 1,184                                  | 589   | 595                       |
| 1997    | 1,562                                  | 782   | 780                       |
| 1998    | 1,977                                  | 995   | 982                       |
| 1999    | 2,576                                  | 1,299   | 1,277                     |
| 2000    | 2,529                                  | 1,279   | 1,250                     |
| 2001    | 2,391                                  | 1,215   | 1,177                     |
| 2002    | 2,127                                  | 1,082   | 1,045                     |
| 2003    | 2,722                                  | 1,395   | 1,327                     |
| 2004    | 3,140                                  | 1,619   | 1,521                     |
| 2005    | 3,521                                  | 1,820   | 1,701                     |
| 2006    | 4,169                                  | 2,140   | 2,029                     |
| 2007:Q1 | 4,309                                  | 2,211   | 2,098                     |
| 2007:Q2 | 4,584                                  | 2,349   | 2,235                     |
| 2007:Q3 | 4,735                                  | 2,414   | 2,321                     |
| 2007:Q4 | 4,681                                  | 2,376   | 2,305                     |
| 2008:Q1 | 4,377                                  | 2,212   | 2,164                     |
| 2008:Q2 | 4,364                                  | 2,210   | 2,154                     |
| 2008:Q3 | 3,880                                  | 1,956   | 1,924                     |
| 2008:Q4 | 3,201                                  | 1,610   | 1,592                     |
| 2009:Q1 | 3,019                                  | 1,523   | 1,496                     |
| 2009:Q2 | 3,435                                  | 1,751   | 1,684                     |

<sup>\*</sup>DC plans include 401(k) plans, 403(b) plans, 457 plans, Keoghs, and other DC plans without 401(k) features.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, and Department of Labor

**FIGURE A3****MUTUAL FUNDS' SHARE OF U.S. RETIREMENT ASSETS<sup>1,2</sup>**

Percentage, end-of-period, 1998–2007, 2008:Q2–2009:Q2



<sup>1</sup>U.S. retirement assets include IRAs, annuities, and employer-sponsored DB and DC pension plans. Pension plans are sponsored by employers such as businesses; federal, state, and local governments; and nonprofit organizations.

<sup>2</sup>Mutual fund retirement assets exclude DB plans' mutual fund holdings, which amount to about 1½ percent of the U.S. retirement market. VA mutual fund assets held outside of retirement accounts also are excluded. Included are mutual fund assets held by IRAs and employer-sponsored DC plans.

Sources: Investment Company Institute, Federal Reserve Board, National Association of Government Defined Contribution Administrators, American Council of Life Insurers, and Internal Revenue Service Statistics of Income Division

**FIGURE A4****VARIABLE ANNUITY MUTUAL FUND ASSETS**

End-of-period, 1996–2009:Q2

|         | IRAs                 |                     | Employer-sponsored DC plans |                     | Other investors      |                     | Total assets<br>(billions) |
|---------|----------------------|---------------------|-----------------------------|---------------------|----------------------|---------------------|----------------------------|
|         | Assets<br>(billions) | Share*<br>(percent) | Assets<br>(billions)        | Share*<br>(percent) | Assets<br>(billions) | Share*<br>(percent) |                            |
| 1996    | \$18                 | 5%                  | \$117                       | 34%                 | \$214                | 61%                 | \$349                      |
| 1997    | 24                   | 5                   | 145                         | 31                  | 304                  | 64                  | 473                        |
| 1998    | 33                   | 5                   | 178                         | 29                  | 404                  | 66                  | 615                        |
| 1999    | 43                   | 5                   | 225                         | 27                  | 551                  | 67                  | 819                        |
| 2000    | 43                   | 5                   | 210                         | 26                  | 565                  | 69                  | 817                        |
| 2001    | 40                   | 5                   | 182                         | 24                  | 521                  | 70                  | 742                        |
| 2002    | 40                   | 6                   | 143                         | 22                  | 455                  | 71                  | 639                        |
| 2003    | 53                   | 6                   | 186                         | 22                  | 598                  | 71                  | 837                        |
| 2004    | 66                   | 7                   | 204                         | 21                  | 704                  | 72                  | 974                        |
| 2005    | 73                   | 7                   | 221                         | 21                  | 779                  | 73                  | 1,073                      |
| 2006    | 88                   | 7                   | 254                         | 20                  | 924                  | 73                  | 1,266                      |
| 2007:Q1 | 91                   | 7                   | 260                         | 20                  | 940                  | 73                  | 1,291                      |
| 2007:Q2 | 97                   | 7                   | 273                         | 20                  | 999                  | 73                  | 1,369                      |
| 2007:Q3 | 100                  | 7                   | 279                         | 20                  | 1,038                | 73                  | 1,417                      |
| 2007:Q4 | 99                   | 7                   | 271                         | 19                  | 1,028                | 74                  | 1,397                      |
| 2008:Q1 | 92                   | 7                   | 248                         | 19                  | 948                  | 74                  | 1,287                      |
| 2008:Q2 | 91                   | 7                   | 245                         | 19                  | 945                  | 74                  | 1,282                      |
| 2008:Q3 | 80                   | 7                   | 216                         | 19                  | 837                  | 74                  | 1,134                      |
| 2008:Q4 | 66                   | 7                   | 175                         | 19                  | 686                  | 74                  | 928                        |
| 2009:Q1 | 62                   | 7                   | 162                         | 19                  | 646                  | 74                  | 870                        |
| 2009:Q2 | 71                   | 7                   | 186                         | 19                  | 742                  | 74                  | 999                        |

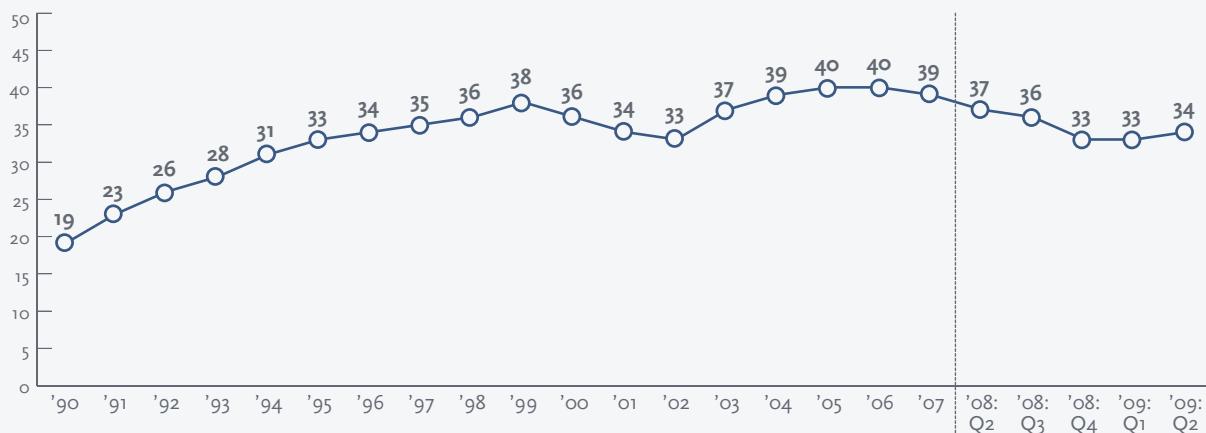
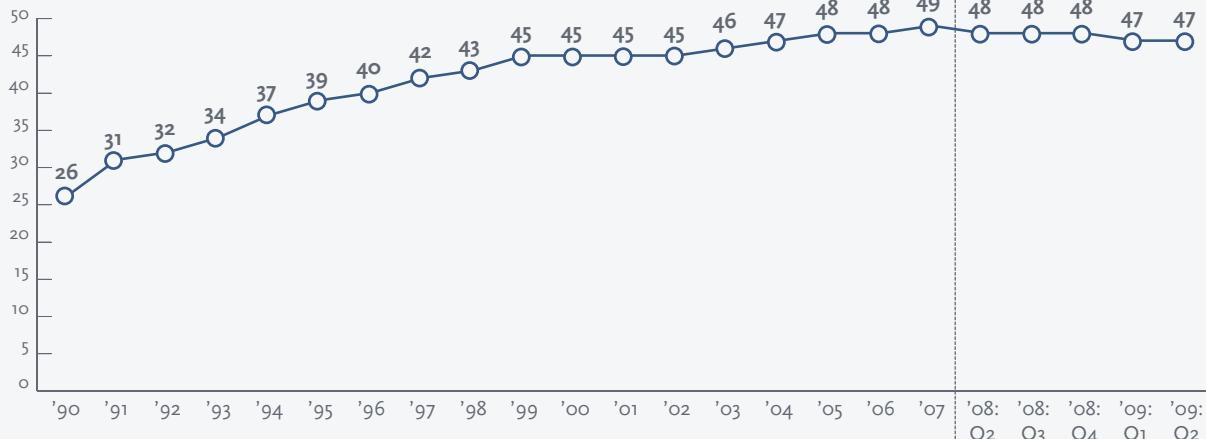
\*Share is the percentage of total VA mutual fund assets.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

**FIGURE A5****SHARE OF MUTUAL FUND ASSETS HELD IN RETIREMENT ACCOUNTS**

Percentage, end-of-period, 1990–2007, 2008:Q2–2009:Q2

**ALL MUTUAL FUNDS****LONG-TERM FUNDS\*****MONEY MARKET FUNDS**

\*Long-term funds include equity, hybrid, and bond funds.

Source: Investment Company Institute

FIGURE A6

INDEX MUTUAL FUND ASSETS<sup>1</sup> AND RETIREMENT ACCOUNTS

End-of-period, 1996–2009:Q2

|         | IRAs                 |                                 | Employer-sponsored DC plans |                                 | Other investors      |                                 | Total assets<br>(billions) |
|---------|----------------------|---------------------------------|-----------------------------|---------------------------------|----------------------|---------------------------------|----------------------------|
|         | Assets<br>(billions) | Share <sup>2</sup><br>(percent) | Assets<br>(billions)        | Share <sup>2</sup><br>(percent) | Assets<br>(billions) | Share <sup>2</sup><br>(percent) |                            |
| 1996    | \$11                 | 11%                             | \$33                        | 34%                             | \$53                 | 55%                             | \$97                       |
| 1997    | 20                   | 12                              | 54                          | 32                              | 95                   | 56                              | 169                        |
| 1998    | 34                   | 13                              | 79                          | 30                              | 151                  | 57                              | 264                        |
| 1999    | 65                   | 17                              | 115                         | 30                              | 207                  | 53                              | 387                        |
| 2000    | 64                   | 17                              | 115                         | 30                              | 206                  | 54                              | 384                        |
| 2001    | 60                   | 16                              | 111                         | 30                              | 199                  | 54                              | 371                        |
| 2002    | 54                   | 16                              | 98                          | 30                              | 177                  | 54                              | 328                        |
| 2003    | 78                   | 17                              | 132                         | 29                              | 245                  | 54                              | 456                        |
| 2004    | 96                   | 17                              | 159                         | 29                              | 301                  | 54                              | 556                        |
| 2005    | 106                  | 17                              | 180                         | 29                              | 336                  | 54                              | 621                        |
| 2006    | 129                  | 17                              | 212                         | 28                              | 408                  | 54                              | 750                        |
| 2007:Q1 | 134                  | 17                              | 219                         | 28                              | 431                  | 55                              | 784                        |
| 2007:Q2 | 143                  | 17                              | 235                         | 28                              | 462                  | 55                              | 840                        |
| 2007:Q3 | 148                  | 17                              | 241                         | 28                              | 482                  | 55                              | 871                        |
| 2007:Q4 | 146                  | 17                              | 236                         | 27                              | 475                  | 55                              | 857                        |
| 2008:Q1 | 135                  | 17                              | 217                         | 27                              | 452                  | 56                              | 805                        |
| 2008:Q2 | 134                  | 17                              | 218                         | 27                              | 451                  | 56                              | 802                        |
| 2008:Q3 | 122                  | 17                              | 201                         | 28                              | 406                  | 56                              | 729                        |
| 2008:Q4 | 99                   | 16                              | 165                         | 27                              | 339                  | 56                              | 603                        |
| 2009:Q1 | 93                   | 16                              | 156                         | 27                              | 323                  | 56                              | 571                        |
| 2009:Q2 | 109                  | 16                              | 181                         | 27                              | 381                  | 57                              | 671                        |

<sup>1</sup>Index mutual funds are equity, bond, and hybrid funds that target specific market indexes with the general objective of meeting the performance of that index. Equity index funds are the most common type of index funds, accounting for 80 percent of the \$671 billion of index fund assets at the end of the second quarter of 2009.

<sup>2</sup>Share is the percentage of total index mutual fund assets.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

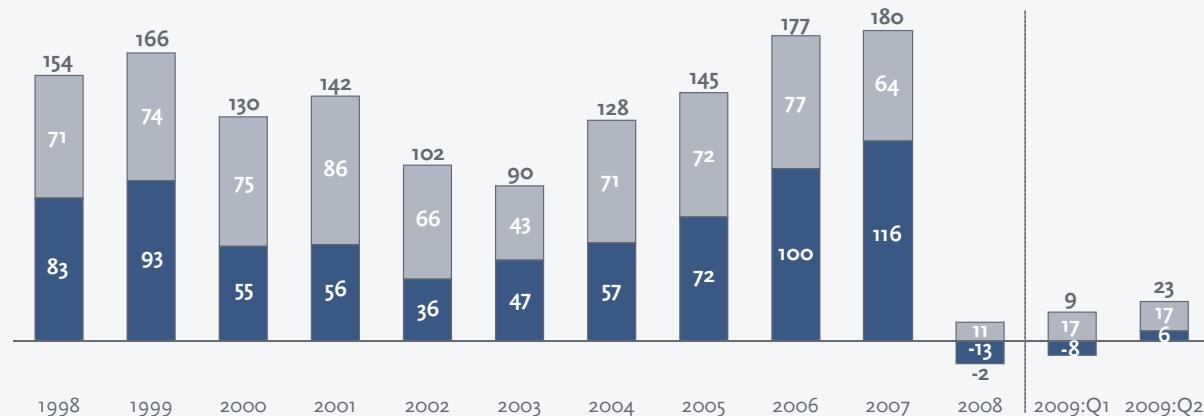
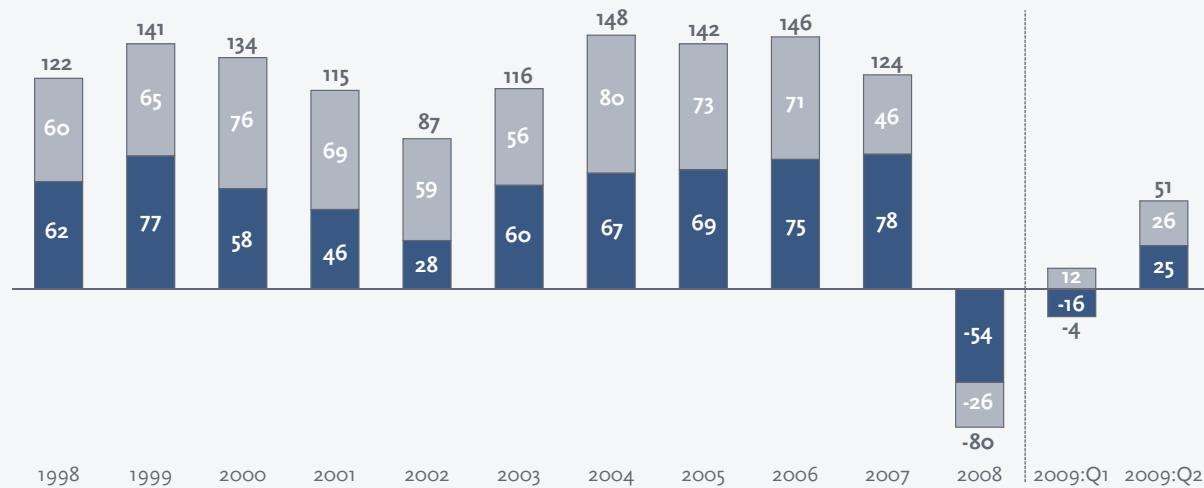
FIGURE A7

ESTIMATED NET NEW CASH FLOW<sup>1</sup> TO MUTUAL FUNDS FROM RETIREMENT ACCOUNTS

Billions of dollars, 1998–2009:Q2

Employer-sponsored DC plans  
IRAs

## ALL MUTUAL FUNDS

LONG-TERM FUNDS<sup>2</sup>

## MONEY MARKET FUNDS



<sup>1</sup>See endnote 4 in "Appendix: Additional Data on the U.S. Retirement Market, 2008," Investment Company Institute Fundamentals 18, no. 5a, June 2009, for an explanation of the procedure used to estimate net new cash flows to mutual funds from retirement accounts.

<sup>2</sup>Long-term funds include equity, hybrid, and bond funds.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

**FIGURE A8****ESTIMATED NET NEW CASH FLOW<sup>1</sup> TO MUTUAL FUNDS FROM RETIREMENT ACCOUNTS BY TYPE OF FUND**

Billions of dollars, 1990–1999

|   | 1990 | 1991 | 1992 | 1993  | 1994 | 1995 | 1996  | 1997  | 1998  | 1999  |
|---|------|------|------|-------|------|------|-------|-------|-------|-------|
| <b>Total retirement<sup>2</sup></b>           | \$29 | \$10 | \$73 | \$101 | \$87 | \$79 | \$110 | \$140 | \$154 | \$166 |
| IRAs  | 18   | 9    | 35   | 49    | 31   | 40   | 47    | 76    | 83    | 93    |
| DC plans                                      | 11   | (*)  | 39   | 52    | 56   | 39   | 64    | 64    | 71    | 74    |
| <b>Long-term funds</b>                        | 17   | 17   | 72   | 92    | 72   | 67   | 90    | 145   | 122   | 141   |
| IRAs  | 9    | 13   | 34   | 46    | 21   | 32   | 32    | 78    | 62    | 77    |
| DC plans                                      | 9    | 4    | 38   | 46    | 51   | 36   | 58    | 68    | 60    | 65    |
| Equity funds                                  | 12   | 10   | 50   | 63    | 63   | 58   | 87    | 124   | 95    | 134   |
| IRAs  | 5    | 3    | 22   | 29    | 21   | 25   | 40    | 69    | 49    | 73    |
| DC plans                                      | 7    | 7    | 29   | 34    | 42   | 33   | 46    | 55    | 46    | 61    |
| Hybrid funds <sup>3, 4</sup>                  | 3    | 2    | 9    | 17    | 12   | 6    | 1     | 12    | 8     | 3     |
| IRAs  | 2    | 3    | 5    | 11    | 6    | 4    | -6    | 5     | 2     | 1     |
| DC plans                                      | 1    | -1   | 4    | 6     | 6    | 3    | 7     | 8     | 6     | 2     |
| Bond funds                                    | 2    | 4    | 12   | 12    | -4   | 3    | 2     | 9     | 19    | 4     |
| IRAs  | 2    | 7    | 7    | 6     | -7   | 3    | -2    | 4     | 11    | 2     |
| DC plans                                      | (*)  | -3   | 5    | 6     | 3    | (*)  | 4     | 5     | 9     | 2     |
| <b>Money market funds</b>                     | 12   | -7   | 2    | 9     | 15   | 12   | 21    | -6    | 32    | 25    |
| IRAs  | 9    | -3   | 1    | 3     | 10   | 8    | 15    | -2    | 21    | 16    |
| DC plans                                      | 3    | -4   | (*)  | 6     | 5    | 4    | 6     | -4    | 11    | 9     |
| <b>Memo:</b>                                  |      |      |      |       |      |      |       |       |       |       |
| <b>Industry net new cash flow<sup>2</sup></b> | 44   | 112  | 156  | 228   | 84   | 212  | 321   | 375   | 477   | 363   |
| Long-term funds                               | 21   | 106  | 172  | 242   | 75   | 122  | 232   | 272   | 242   | 170   |
| Equity funds                                  | 13   | 40   | 79   | 127   | 115  | 124  | 217   | 227   | 157   | 188   |
| Hybrid funds <sup>3</sup>                     | 1    | 7    | 22   | 44    | 23   | 4    | 12    | 16    | 10    | -14   |
| Bond funds                                    | 7    | 59   | 71   | 71    | -62  | -6   | 3     | 28    | 75    | -4    |
| Money market funds                            | 23   | 6    | -16  | -14   | 9    | 89   | 89    | 103   | 235   | 194   |

Continued on next page

FIGURE A8 CONTINUED

**ESTIMATED NET NEW CASH FLOW<sup>1</sup> TO MUTUAL FUNDS FROM RETIREMENT ACCOUNTS BY TYPE OF FUND***Billions of dollars, 2000–2008*

|   | 2000  | 2001  | 2002  | 2003 | 2004  | 2005  | 2006  | 2007  | 2008 |
|---|-------|-------|-------|------|-------|-------|-------|-------|------|
| <b>Total retirement<sup>2</sup></b>           | \$130 | \$142 | \$102 | \$90 | \$128 | \$145 | \$177 | \$180 | -\$2 |
| IRAs  | 55    | 56    | 36    | 47   | 57    | 72    | 100   | 116   | -13  |
| DC plans                                      | 75    | 86    | 66    | 43   | 71    | 72    | 77    | 64    | 11   |
| <b>Long-term funds</b>                        | 134   | 115   | 87    | 116  | 148   | 142   | 146   | 124   | -80  |
| IRAs  | 58    | 46    | 28    | 60   | 67    | 69    | 75    | 78    | -54  |
| DC plans                                      | 76    | 69    | 59    | 56   | 80    | 73    | 71    | 46    | -26  |
| Equity funds                                  | 158   | 58    | 21    | 80   | 94    | 63    | 75    | 16    | -140 |
| IRAs  | 74    | 22    | -6    | 38   | 37    | 32    | 40    | 23    | -70  |
| DC plans                                      | 84    | 36    | 27    | 41   | 57    | 30    | 35    | -7    | -69  |
| Hybrid funds <sup>3, 4</sup>                  | -10   | 19    | 14    | 30   | 50    | 70    | 52    | 80    | 27   |
| IRAs  | -8    | 7     | 7     | 18   | 29    | 33    | 22    | 36    | 1    |
| DC plans                                      | -2    | 13    | 7     | 12   | 21    | 37    | 30    | 44    | 26   |
| Bond funds                                    | -14   | 37    | 52    | 6    | 4     | 9     | 18    | 28    | 33   |
| IRAs  | -8    | 17    | 27    | 3    | 1     | 4     | 12    | 19    | 15   |
| DC plans                                      | -6    | 20    | 25    | 3    | 3     | 6     | 6     | 9     | 17   |
| <b>Money market funds</b>                     | -4    | 27    | 15    | -26  | -20   | 2     | 31    | 55    | 78   |
| IRAs  | -4    | 10    | 8     | -13  | -11   | 3     | 25    | 37    | 41   |
| DC plans                                      | -1    | 17    | 7     | -13  | -9    | -1    | 5     | 18    | 37   |
| <b>Memo:</b>                                  |       |       |       |      |       |       |       |       |      |
| <b>Industry net new cash flow<sup>2</sup></b> | 388   | 504   | 75    | -48  | 53    | 254   | 472   | 878   | 411  |
| Long-term funds                               | 229   | 129   | 121   | 216  | 210   | 192   | 227   | 223   | -226 |
| Equity funds                                  | 309   | 32    | -28   | 152  | 178   | 136   | 159   | 91    | -234 |
| Hybrid funds <sup>3</sup>                     | -31   | 10    | 8     | 32   | 43    | 25    | 7     | 23    | -19  |
| Bond funds                                    | -50   | 88    | 141   | 32   | -11   | 31    | 61    | 109   | 27   |
| Money market funds                            | 159   | 375   | -46   | -263 | -157  | 62    | 245   | 654   | 637  |

*Continued on next page*

FIGURE A8 CONTINUED

**ESTIMATED NET NEW CASH FLOW<sup>1</sup> TO MUTUAL FUNDS FROM RETIREMENT ACCOUNTS BY TYPE OF FUND**

Billions of dollars, 2007:Q1–2009:Q2

|   | 2007:Q1 | 2007:Q2 | 2007:Q3 | 2007:Q4 | 2008:Q1 | 2008:Q2 | 2008:Q3 | 2008:Q4 | 2009:Q1 | 2009:Q2 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Total retirement<sup>2</sup></b>           | \$61    | \$41    | \$40    | \$38    | \$42    | \$8     | -\$23   | -\$29   | \$9     | \$23    |
| IRAs  | 31      | 27      | 31      | 27      | 21      | -1      | -8      | -26     | -8      | 6       |
| DC plans                                      | 30      | 14      | 8       | 11      | 20      | 8       | -15     | -3      | 17      | 17      |
| <b>Long-term funds</b>                        | 53      | 31      | 21      | 19      | 8       | 17      | -47     | -59     | -4      | 51      |
| IRAs  | 25      | 19      | 19      | 15      | (*)     | 10      | -25     | -40     | -16     | 25      |
| DC plans                                      | 28      | 12      | 2       | 5       | 8       | 7       | -22     | -19     | 12      | 26      |
| Equity funds                                  | 17      | 2       | (*)     | -3      | -34     | -4      | -59     | -43     | -28     | 20      |
| IRAs  | 8       | 4       | 8       | 4       | -14     | (*)     | -28     | -28     | -25     | 8       |
| DC plans                                      | 10      | -1      | -9      | -7      | -20     | -4      | -31     | -14     | -3      | 13      |
| Hybrid funds <sup>3, 4</sup>                  | 26      | 19      | 18      | 18      | 18      | 14      | 1       | -7      | 2       | 14      |
| IRAs  | 11      | 9       | 9       | 8       | 5       | 6       | -2      | -8      | -4      | 6       |
| DC plans                                      | 14      | 10      | 9       | 10      | 13      | 8       | 3       | 2       | 6       | 8       |
| Bond funds                                    | 10      | 10      | 4       | 5       | 24      | 8       | 10      | -9      | 22      | 17      |
| IRAs  | 6       | 6       | 2       | 4       | 9       | 4       | 5       | -3      | 13      | 12      |
| DC plans                                      | 4       | 3       | 2       | 1       | 15      | 4       | 5       | -7      | 9       | 6       |
| <b>Money market funds</b>                     | 8       | 11      | 19      | 18      | 34      | -10     | 24      | 30      | 13      | -28     |
| IRAs  | 5       | 8       | 12      | 12      | 21      | -11     | 17      | 14      | 8       | -19     |
| DC plans                                      | 3       | 3       | 7       | 6       | 12      | 1       | 7       | 17      | 5       | -10     |
| <b>Memo:</b>                                  |         |         |         |         |         |         |         |         |         |         |
| <b>Industry net new cash flow<sup>2</sup></b> | 165     | 145     | 305     | 263     | 314     | -12     | -73     | 181     | -20     | -27     |
| Long-term funds                               | 119     | 69      | 14      | 20      | 3       | 68      | -97     | -199    | 4       | 138     |
| Equity funds                                  | 64      | 21      | 3       | 2       | -45     | 23      | -98     | -113    | -41     | 43      |
| Hybrid funds <sup>3</sup>                     | 10      | 6       | 4       | 4       | 3       | 7       | -7      | -23     | -9      | 7       |
| Bond funds                                    | 45      | 42      | 7       | 14      | 45      | 38      | 8       | -63     | 53      | 89      |
| Money market funds                            | 46      | 75      | 291     | 243     | 312     | -79     | 24      | 380     | -24     | -165    |

<sup>1</sup>See endnote 4 in "Appendix: Additional Data on the U.S. Retirement Market, 2008," Investment Company Institute Fundamentals 18, no. 5a, June 2009, for an explanation of the procedure used to estimate net new cash flows to mutual funds from retirement accounts.

<sup>2</sup>Retirement flows to fund of funds are counted in the investment objective of the fund of funds. Industry flows to fund of funds are counted in the investment objectives of the underlying funds.

<sup>3</sup>Hybrid funds invest in a mix of equities and fixed-income securities.

<sup>4</sup>The bulk of lifecycle and lifestyle funds is counted in this category.

(\*) = between \$500 million and -\$500 million

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

FIGURE A9

## IRA HOLDINGS OF MUTUAL FUNDS BY TYPE OF FUND

End-of-period, 1990–2009:Q2

|         | Domestic equity   |                              | Foreign equity    |                              | Hybrid <sup>1</sup> |                              | Bond              |                              | Money market      |                              | Total assets (billions) |
|---------|-------------------|------------------------------|-------------------|------------------------------|---------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------------|
|         | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions)   | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) |                         |
| 1990    | \$53              | 38%                          | \$6               | 4%                           | \$9                 | 7%                           | \$32              | 23%                          | \$41              | 29%                          | \$140                   |
| 1991    | 81                | 43                           | 8                 | 4                            | 15                  | 8                            | 44                | 23                           | 40                | 21                           | 188                     |
| 1992    | 108               | 46                           | 10                | 4                            | 21                  | 9                            | 55                | 23                           | 43                | 18                           | 237                     |
| 1993    | 146               | 45                           | 23                | 7                            | 38                  | 12                           | 66                | 20                           | 49                | 15                           | 321                     |
| 1994    | 157               | 45                           | 31                | 9                            | 42                  | 12                           | 56                | 16                           | 62                | 18                           | 348                     |
| 1995    | 241               | 51                           | 32                | 7                            | 58                  | 12                           | 67                | 14                           | 76                | 16                           | 474                     |
| 1996    | 301               | 51                           | 65                | 11                           | 68                  | 11                           | 77                | 13                           | 85                | 14                           | 595                     |
| 1997    | 445               | 57                           | 78                | 10                           | 85                  | 11                           | 86                | 11                           | 86                | 11                           | 780                     |
| 1998    | 582               | 59                           | 92                | 9                            | 97                  | 10                           | 100               | 10                           | 111               | 11                           | 982                     |
| 1999    | 807               | 63                           | 137               | 11                           | 102                 | 8                            | 102               | 8                            | 129               | 10                           | 1,277                   |
| 2000    | 798               | 64                           | 126               | 10                           | 95                  | 8                            | 97                | 8                            | 133               | 11                           | 1,250                   |
| 2001    | 707               | 60                           | 103               | 9                            | 99                  | 8                            | 117               | 10                           | 151               | 13                           | 1,177                   |
| 2002    | 547               | 52                           | 85                | 8                            | 98                  | 9                            | 153               | 15                           | 161               | 15                           | 1,045                   |
| 2003    | 749               | 56                           | 119               | 9                            | 140                 | 11                           | 170               | 13                           | 149               | 11                           | 1,327                   |
| 2004    | 863               | 57                           | 157               | 10                           | 185                 | 12                           | 180               | 12                           | 137               | 9                            | 1,521                   |
| 2005    | 938               | 55                           | 207               | 12                           | 226                 | 13                           | 186               | 11                           | 144               | 8                            | 1,701                   |
| 2006    | 1,074             | 53                           | 289               | 14                           | 282                 | 14                           | 206               | 10                           | 178               | 9                            | 2,029                   |
| 2007:Q1 | 1,088             | 52                           | 308               | 15                           | 301                 | 14                           | 215               | 10                           | 186               | 9                            | 2,098                   |
| 2007:Q2 | 1,154             | 52                           | 342               | 15                           | 322                 | 14                           | 222               | 10                           | 196               | 9                            | 2,235                   |
| 2007:Q3 | 1,178             | 51                           | 366               | 16                           | 337                 | 15                           | 229               | 10                           | 211               | 9                            | 2,321                   |
| 2007:Q4 | 1,137             | 49                           | 369               | 16                           | 339                 | 15                           | 237               | 10                           | 225               | 10                           | 2,305                   |
| 2008:Q1 | 1,015             | 47                           | 333               | 15                           | 323                 | 15                           | 245               | 11                           | 248               | 11                           | 2,164                   |
| 2008:Q2 | 1,010             | 47                           | 330               | 15                           | 327                 | 15                           | 248               | 12                           | 239               | 11                           | 2,154                   |
| 2008:Q3 | 874               | 45                           | 258               | 13                           | 293                 | 15                           | 242               | 13                           | 257               | 13                           | 1,924                   |
| 2008:Q4 | 659               | 41                           | 190               | 12                           | 241                 | 15                           | 229               | 14                           | 272               | 17                           | 1,592                   |
| 2009:Q1 | 586               | 39                           | 164               | 11                           | 222                 | 15                           | 244               | 16                           | 281               | 19                           | 1,496                   |
| 2009:Q2 | 688               | 41                           | 205               | 12                           | 258                 | 15                           | 271               | 16                           | 262               | 16                           | 1,684                   |

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle funds is counted in this category.<sup>2</sup>Share is the percentage of total mutual fund assets in IRAs.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

FIGURE A10

## IRA HOLDINGS OF MUTUAL FUNDS BY TYPE OF IRA

End-of-period, 1992–2009:Q2

|         | Traditional <sup>1</sup> |                              | SEP and SAR-SEP   |                              | Roth <sup>2</sup> |                              | SIMPLE            |                              | Total assets (billions) | Memo: education assets <sup>3</sup> (billions) |
|---------|--------------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------------|--|
|         | Assets (billions)        | Share <sup>4</sup> (percent) | Assets (billions) | Share <sup>4</sup> (percent) | Assets (billions) | Share <sup>4</sup> (percent) | Assets (billions) | Share <sup>4</sup> (percent) |                         |  |
| 1992    | \$229                    | 97%                          | \$7               | 3%                           | -                 | -                            | -                 | -                            | \$237                   | -  |
| 1993    | 308                      | 96                           | 13                | 4                            | -                 | -                            | -                 | -                            | 321                     | -  |
| 1994    | 334                      | 96                           | 14                | 4                            | -                 | -                            | -                 | -                            | 348                     | -  |
| 1995    | 450                      | 95                           | 24                | 5                            | -                 | -                            | -                 | -                            | 474                     | -  |
| 1996    | 563                      | 95                           | 32                | 5                            | -                 | -                            | -                 | -                            | 595                     | -  |
| 1997    | 735                      | 94                           | 45                | 6                            | -                 | -                            | (*)               | (**)                         | 780                     | -  |
| 1998    | 890                      | 91                           | 57                | 6                            | \$31              | 3%                           | \$3               | (**)                         | 982                     | (*)  |
| 1999    | 1,142                    | 89                           | 74                | 6                            | 55                | 4                            | 7                 | (**)                         | 1,277                   | \$1  |
| 2000    | 1,113                    | 89                           | 71                | 6                            | 57                | 5                            | 9                 | 1%                           | 1,250                   | 1  |
| 2001    | 1,045                    | 89                           | 65                | 6                            | 55                | 5                            | 12                | 1                            | 1,177                   | 2  |
| 2002    | 919                      | 88                           | 58                | 6                            | 54                | 5                            | 13                | 1                            | 1,045                   | 2  |
| 2003    | 1,155                    | 87                           | 75                | 6                            | 76                | 6                            | 21                | 2                            | 1,327                   | 3  |
| 2004    | 1,315                    | 86                           | 85                | 6                            | 92                | 6                            | 28                | 2                            | 1,521                   | 4  |
| 2005    | 1,460                    | 86                           | 96                | 6                            | 110               | 6                            | 35                | 2                            | 1,701                   | 4  |
| 2006    | 1,732                    | 85                           | 113               | 6                            | 140               | 7                            | 44                | 2                            | 2,029                   | 5  |
| 2007:Q1 | 1,788                    | 85                           | 116               | 6                            | 147               | 7                            | 46                | 2                            | 2,098                   | 5  |
| 2007:Q2 | 1,901                    | 85                           | 125               | 6                            | 159               | 7                            | 50                | 2                            | 2,235                   | 5  |
| 2007:Q3 | 1,974                    | 85                           | 128               | 6                            | 166               | 7                            | 52                | 2                            | 2,321                   | 5  |
| 2007:Q4 | 1,960                    | 85                           | 128               | 6                            | 165               | 7                            | 52                | 2                            | 2,305                   | 5  |
| 2008:Q1 | 1,842                    | 85                           | 122               | 6                            | 153               | 7                            | 47                | 2                            | 2,164                   | 5  |
| 2008:Q2 | 1,831                    | 85                           | 122               | 6                            | 153               | 7                            | 47                | 2                            | 2,154                   | 5  |
| 2008:Q3 | 1,638                    | 85                           | 108               | 6                            | 135               | 7                            | 42                | 2                            | 1,924                   | 5  |
| 2008:Q4 | 1,356                    | 85                           | 89                | 6                            | 111               | 7                            | 35                | 2                            | 1,592                   | 4  |
| 2009:Q1 | 1,274                    | 85                           | 84                | 6                            | 106               | 7                            | 33                | 2                            | 1,496                   | 4  |
| 2009:Q2 | 1,428                    | 85                           | 94                | 6                            | 123               | 7                            | 40                | 2                            | 1,684                   | 4  |

<sup>1</sup>Traditional IRAs include contributory and rollover IRAs.<sup>2</sup>Roth IRAs include contributory and conversion Roth IRAs.<sup>3</sup>Education IRAs were renamed Coverdell Education Savings Accounts (ESAs) in July 2001 and are not included in total IRA assets.<sup>4</sup>Share is the percentage of total mutual fund assets in IRAs.

(\*) = less than \$500 million

(\*\*) = less than 0.5 percent

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

**FIGURE A11****ROTH IRAs**

Billions of dollars, 1998–2008

|      | Contributions     | Conversions | Total assets<br>(year-end) | Of which: assets<br>held in mutual funds<br>(year-end) |
|------|-------------------|-------------|----------------------------|--|
| 1998 | \$8.6             | \$39.3      | \$56.8                     | \$31   |
| 1999 | 10.7              | 3.7         | 76.2                       | 55   |
| 2000 | 11.6              | 3.2         | 77.6                       | 57   |
| 2001 | 11.0              | 3.1         | 79.3                       | 55   |
| 2002 | 13.2              | 3.3         | 77.6                       | 54   |
| 2003 | 13.5 <sup>e</sup> | 3.0         | 105.8                      | 76   |
| 2004 | 14.7              | 2.8         | 139.9                      | 92   |
| 2005 | N/A               | N/A         | 160.0                      | 110  |
| 2006 | N/A               | N/A         | 195.0 <sup>e</sup>         | 140  |
| 2007 | N/A               | N/A         | 225.0 <sup>e</sup>         | 165  |
| 2008 | N/A               | N/A         | 165.0 <sup>e</sup>         | 111  |

<sup>e</sup>Data are estimated.

N/A = not available

Sources: Investment Company Institute and Internal Revenue Service Statistics of Income Division

**FIGURE A12****SEP AND SAR-SEP IRAS**

Billions of dollars, 1997–2008

|      | Contributions     | Total assets<br>(year-end) | Of which: assets<br>held in mutual funds<br>(year-end) |
|------|-------------------|----------------------------|--|
| 1997 | \$6.9             | \$84.7                     | \$45   |
| 1998 | 8.7               | 115.4                      | 57   |
| 1999 | 9.1               | 142.9                      | 74   |
| 2000 | 10.1              | 134.0                      | 71   |
| 2001 | 10.1              | 131.3                      | 65   |
| 2002 | 10.3              | 117.0                      | 58   |
| 2003 | 11.7 <sup>e</sup> | 145.0 <sup>e</sup>         | 75   |
| 2004 | 13.8              | 168.7                      | 85   |
| 2005 | N/A               | 191.0                      | 96   |
| 2006 | N/A               | 223.0 <sup>e</sup>         | 113  |
| 2007 | N/A               | 253.0 <sup>e</sup>         | 128  |
| 2008 | N/A               | 180.0 <sup>e</sup>         | 89   |

<sup>e</sup>Data are estimated.

N/A = not available

Sources: Investment Company Institute and Internal Revenue Service Statistics of Income Division

**FIGURE A13****SIMPLE IRAs**

Billions of dollars, 1997–2008

|      | Contributions    | Total assets<br>(year-end) | Of which: assets<br>held in mutual funds<br>(year-end) |
|------|------------------|----------------------------|--|
| 1997 | \$0.6            | \$0.6                      | (*)  |
| 1998 | 2.2              | 3.6                        | 3  |
| 1999 | 3.4              | 9.1                        | 7  |
| 2000 | 4.7              | 10.4                       | 9  |
| 2001 | 5.5              | 13.6                       | 12   |
| 2002 | 6.3              | 16.1                       | 13   |
| 2003 | 6.5 <sup>e</sup> | 23.5 <sup>e</sup>          | 21   |
| 2004 | 7.6              | 34.0                       | 28   |
| 2005 | N/A              | 42.0 <sup>e</sup>          | 35   |
| 2006 | N/A              | 53.0 <sup>e</sup>          | 44   |
| 2007 | N/A              | 61.0 <sup>e</sup>          | 52   |
| 2008 | N/A              | 44.0 <sup>e</sup>          | 35   |

<sup>e</sup>Data are estimated.

N/A = not available

(\*) = less than \$500 million

Sources: Investment Company Institute and Internal Revenue Service Statistics of Income Division

**FIGURE A14****SIMPLE IRA PLANS AND PARTICIPANTS FOR A SAMPLE OF MUTUAL FUND COMPANIES**

Thousands, year-end, 1998–2008



Note: The firms surveyed held about three-quarters of all SIMPLE IRA mutual fund assets at year-end 2008.

Source: Investment Company Institute, Survey of a Segment of Member Mutual Fund Companies

FIGURE A15

## DEFINED CONTRIBUTION PLAN HOLDINGS OF MUTUAL FUNDS BY TYPE OF FUND

End-of-period, 1992–2009:Q2

|         | Domestic equity   |                              | Foreign equity    |                              | Hybrid <sup>1</sup> |                              | Bond              |                              | Money market      |                              | Total assets (billions) |
|---------|-------------------|------------------------------|-------------------|------------------------------|---------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------------|
|         | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions)   | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) | Assets (billions) | Share <sup>2</sup> (percent) |                         |
| 1992    | \$132             | 72%                          | \$5               | 3%                           | \$8                 | 4%                           | \$16              | 9%                           | \$22              | 12%                          | \$184                   |
| 1993    | 178               | 68                           | 15                | 6                            | 17                  | 6                            | 24                | 9                            | 30                | 11                           | 263                     |
| 1994    | 211               | 66                           | 24                | 7                            | 22                  | 7                            | 26                | 8                            | 37                | 12                           | 320                     |
| 1995    | 308               | 69                           | 32                | 7                            | 31                  | 7                            | 30                | 7                            | 44                | 10                           | 445                     |
| 1996    | 387               | 66                           | 40                | 7                            | 57                  | 10                           | 46                | 8                            | 58                | 10                           | 589                     |
| 1997    | 536               | 69                           | 55                | 7                            | 77                  | 10                           | 55                | 7                            | 59                | 8                            | 782                     |
| 1998    | 695               | 70                           | 65                | 7                            | 95                  | 10                           | 66                | 7                            | 74                | 7                            | 995                     |
| 1999    | 932               | 72                           | 107               | 8                            | 106                 | 8                            | 68                | 5                            | 87                | 7                            | 1,299                   |
| 2000    | 904               | 71                           | 110               | 9                            | 107                 | 8                            | 67                | 5                            | 91                | 7                            | 1,279                   |
| 2001    | 801               | 66                           | 92                | 8                            | 118                 | 10                           | 92                | 8                            | 111               | 9                            | 1,215                   |
| 2002    | 637               | 59                           | 81                | 7                            | 115                 | 11                           | 126               | 12                           | 123               | 11                           | 1,082                   |
| 2003    | 873               | 63                           | 118               | 8                            | 152                 | 11                           | 139               | 10                           | 112               | 8                            | 1,395                   |
| 2004    | 1,019             | 63                           | 160               | 10                           | 190                 | 12                           | 148               | 9                            | 102               | 6                            | 1,619                   |
| 2005    | 1,102             | 61                           | 214               | 12                           | 238                 | 13                           | 160               | 9                            | 105               | 6                            | 1,820                   |
| 2006    | 1,241             | 58                           | 311               | 15                           | 301                 | 14                           | 174               | 8                            | 114               | 5                            | 2,140                   |
| 2007:Q1 | 1,258             | 57                           | 330               | 15                           | 325                 | 15                           | 180               | 8                            | 118               | 5                            | 2,211                   |
| 2007:Q2 | 1,331             | 57                           | 365               | 16                           | 349                 | 15                           | 183               | 8                            | 121               | 5                            | 2,349                   |
| 2007:Q3 | 1,346             | 56                           | 384               | 16                           | 365                 | 15                           | 189               | 8                            | 130               | 5                            | 2,414                   |
| 2007:Q4 | 1,289             | 54                           | 386               | 16                           | 371                 | 16                           | 193               | 8                            | 137               | 6                            | 2,376                   |
| 2008:Q1 | 1,142             | 52                           | 347               | 16                           | 360                 | 16                           | 210               | 10                           | 153               | 7                            | 2,212                   |
| 2008:Q2 | 1,133             | 51                           | 342               | 15                           | 366                 | 17                           | 213               | 10                           | 155               | 7                            | 2,210                   |
| 2008:Q3 | 981               | 50                           | 267               | 14                           | 333                 | 17                           | 211               | 11                           | 163               | 8                            | 1,956                   |
| 2008:Q4 | 744               | 46                           | 201               | 12                           | 283                 | 18                           | 202               | 13                           | 181               | 11                           | 1,610                   |
| 2009:Q1 | 673               | 44                           | 180               | 12                           | 272                 | 18                           | 211               | 14                           | 186               | 12                           | 1,523                   |
| 2009:Q2 | 798               | 46                           | 229               | 13                           | 319                 | 18                           | 227               | 13                           | 177               | 10                           | 1,751                   |

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle funds is counted in this category.<sup>2</sup>Share is the percentage of total mutual fund assets in DC plans.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

**FIGURE A16****DEFINED CONTRIBUTION PLAN HOLDINGS OF MUTUAL FUNDS BY TYPE OF PLAN**

Billions of dollars, end-of-period, 1992–2009:Q2

|         | 401(k) plans | 403(b) plans | 457 plans | Other DC plans* | Total |
|---------|--------------|--------------|-----------|-----------------|-------|
| 1992    | \$82         | \$74         | \$3       | \$25            | \$184 |
| 1993    | 140          | 87           | 4         | 33              | 263   |
| 1994    | 184          | 93           | 6         | 37              | 320   |
| 1995    | 266          | 120          | 9         | 50              | 445   |
| 1996    | 352          | 149          | 13        | 74              | 589   |
| 1997    | 482          | 188          | 20        | 92              | 782   |
| 1998    | 620          | 233          | 30        | 113             | 995   |
| 1999    | 817          | 291          | 49        | 142             | 1,299 |
| 2000    | 830          | 265          | 47        | 136             | 1,279 |
| 2001    | 811          | 238          | 45        | 121             | 1,215 |
| 2002    | 727          | 198          | 38        | 118             | 1,082 |
| 2003    | 940          | 263          | 47        | 144             | 1,395 |
| 2004    | 1,107        | 296          | 54        | 161             | 1,619 |
| 2005    | 1,256        | 320          | 62        | 182             | 1,820 |
| 2006    | 1,495        | 366          | 71        | 208             | 2,140 |
| 2007:Q1 | 1,553        | 374          | 73        | 211             | 2,211 |
| 2007:Q2 | 1,655        | 396          | 78        | 221             | 2,349 |
| 2007:Q3 | 1,704        | 404          | 79        | 227             | 2,414 |
| 2007:Q4 | 1,676        | 394          | 78        | 227             | 2,376 |
| 2008:Q1 | 1,570        | 361          | 72        | 209             | 2,212 |
| 2008:Q2 | 1,579        | 361          | 72        | 199             | 2,210 |
| 2008:Q3 | 1,389        | 320          | 64        | 183             | 1,956 |
| 2008:Q4 | 1,144        | 261          | 51        | 153             | 1,610 |
| 2009:Q1 | 1,090        | 242          | 47        | 143             | 1,523 |
| 2009:Q2 | 1,259        | 278          | 55        | 160             | 1,751 |

\*Other DC plans include Keoghs and DC plans (profit-sharing, thrift-savings, stock bonus, and money purchase), without 401(k) features.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, and Department of Labor

**FIGURE A17****DEFINED CONTRIBUTION PLAN ASSETS BY TYPE OF PLAN**

Billions of dollars, end-of-period, 1994–2009:Q2

|         | 401(k) plans       | 403(b) plans | 457 plans | Other DC plans* | Total   |
|---------|--------------------|--------------|-----------|-----------------|---------|
| 1994    | \$675              | \$272        | \$34      | \$426           | \$1,407 |
| 1995    | 864                | 319          | 42        | 492             | 1,717   |
| 1996    | 1,061              | 357          | 52        | 492             | 1,961   |
| 1997    | 1,264              | 426          | 72        | 581             | 2,343   |
| 1998    | 1,541              | 438          | 94        | 568             | 2,641   |
| 1999    | 1,790              | 527          | 112       | 572             | 3,002   |
| 2000    | 1,725              | 518          | 110       | 618             | 2,970   |
| 2001    | 1,682              | 444          | 105       | 434             | 2,666   |
| 2002    | 1,573              | 434          | 98        | 366             | 2,471   |
| 2003    | 1,922              | 534          | 117       | 471             | 3,045   |
| 2004    | 2,189              | 573          | 130       | 453             | 3,344   |
| 2005    | 2,396              | 618          | 143       | 466             | 3,623   |
| 2006    | 2,768              | 690          | 158       | 531             | 4,146   |
| 2007:Q1 | 2,845 <sup>e</sup> | 699          | 161       | 545             | 4,250   |
| 2007:Q2 | 2,985 <sup>e</sup> | 728          | 172       | 564             | 4,449   |
| 2007:Q3 | 3,055 <sup>e</sup> | 740          | 174       | 578             | 4,547   |
| 2007:Q4 | 3,025 <sup>e</sup> | 731          | 173       | 572             | 4,501   |
| 2008:Q1 | 2,880 <sup>e</sup> | 696          | 166       | 541             | 4,282   |
| 2008:Q2 | 2,895 <sup>e</sup> | 695          | 165       | 530             | 4,285   |
| 2008:Q3 | 2,660 <sup>e</sup> | 651          | 156       | 510             | 3,978   |
| 2008:Q4 | 2,320 <sup>e</sup> | 579          | 140       | 450             | 3,489   |
| 2009:Q1 | 2,250 <sup>e</sup> | 560          | 134       | 425             | 3,369   |
| 2009:Q2 | 2,458 <sup>e</sup> | 599          | 144       | 445             | 3,647   |

\*Other DC plans include Keoghs and DC plans (profit-sharing, thrift-savings, stock bonus, and money purchase) without 401(k) features.

<sup>e</sup>Data are estimated.

Note: Components may not add to the total because of rounding.

Sources: Investment Company Institute, Federal Reserve Board, Department of Labor, National Association of Government Defined Contribution Administrators, and American Council of Life Insurers

FIGURE A18

## LIFECYCLE FUND ASSETS

End-of-period, 1996–2009:Q2

|         | Lifecycle assets <sup>1</sup> |                                 |                                |                                 |                      |                                 |                               |
|---------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------|---------------------------------|-------------------------------|
|         | IRAs                          |                                 | Employer-sponsored<br>DC plans |                                 | Other investors      |                                 | Total<br>assets<br>(billions) |
|         | Assets<br>(billions)          | Share <sup>2</sup><br>(percent) | Assets<br>(billions)           | Share <sup>2</sup><br>(percent) | Assets<br>(billions) | Share <sup>2</sup><br>(percent) |                               |
| 1996    | (*)                           | 34%                             | (*)                            | 2%                              | \$1                  | 64%                             | \$1                           |
| 1997    | \$1                           | 34                              | (*)                            | 13                              | 1                    | 66                              | 1                             |
| 1998    | 1                             | 20                              | \$3                            | 56                              | 1                    | 24                              | 5                             |
| 1999    | 1                             | 16                              | 5                              | 65                              | 1                    | 19                              | 7                             |
| 2000    | 1                             | 16                              | 6                              | 68                              | 1                    | 16                              | 9                             |
| 2001    | 2                             | 16                              | 9                              | 73                              | 1                    | 11                              | 12                            |
| 2002    | 2                             | 15                              | 11                             | 74                              | 2                    | 12                              | 15                            |
| 2003    | 5                             | 20                              | 18                             | 70                              | 3                    | 10                              | 26                            |
| 2004    | 9                             | 21                              | 30                             | 68                              | 5                    | 11                              | 44                            |
| 2005    | 15                            | 22                              | 48                             | 68                              | 8                    | 11                              | 71                            |
| 2006    | 25                            | 22                              | 77                             | 67                              | 13                   | 11                              | 115                           |
| 2007:Q1 | 29                            | 21                              | 89                             | 67                              | 16                   | 12                              | 134                           |
| 2007:Q2 | 33                            | 21                              | 101                            | 66                              | 19                   | 12                              | 153                           |
| 2007:Q3 | 36                            | 21                              | 112                            | 66                              | 21                   | 12                              | 169                           |
| 2007:Q4 | 39                            | 21                              | 121                            | 66                              | 24                   | 13                              | 183                           |
| 2008:Q1 | 39                            | 21                              | 123                            | 67                              | 23                   | 12                              | 185                           |
| 2008:Q2 | 41                            | 21                              | 132                            | 66                              | 26                   | 13                              | 200                           |
| 2008:Q3 | 38                            | 20                              | 124                            | 66                              | 25                   | 14                              | 187                           |
| 2008:Q4 | 32                            | 20                              | 109                            | 66                              | 23                   | 14                              | 164                           |
| 2009:Q1 | 30                            | 19                              | 107                            | 67                              | 22                   | 14                              | 159                           |
| 2009:Q2 | 36                            | 19                              | 131                            | 67                              | 27                   | 14                              | 194                           |

<sup>1</sup>A lifecycle fund typically rebalances to an increasingly conservative portfolio as it approaches and passes the target date of the fund, which is usually included in the fund's name.

<sup>2</sup>Share is the percentage of total assets.

(\*) = less than \$500 million

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

**FIGURE A19****LIFESTYLE FUND ASSETS**

End-of-period, 1996–2009:Q2

|         | Lifestyle assets <sup>1</sup> |                                 |                                |                                 |                      |                                 |                               |
|---------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|----------------------|---------------------------------|-------------------------------|
|         | IRAs                          |                                 | Employer-sponsored<br>DC plans |                                 | Other investors      |                                 | Total<br>assets<br>(billions) |
|         | Assets<br>(billions)          | Share <sup>2</sup><br>(percent) | Assets<br>(billions)           | Share <sup>2</sup><br>(percent) | Assets<br>(billions) | Share <sup>2</sup><br>(percent) |                               |
| 1996    | \$1                           | 25%                             | \$2                            | 39%                             | \$2                  | 37%                             | \$6                           |
| 1997    | 3                             | 23                              | 5                              | 38                              | 5                    | 39                              | 13                            |
| 1998    | 5                             | 22                              | 8                              | 36                              | 9                    | 42                              | 21                            |
| 1999    | 6                             | 21                              | 10                             | 37                              | 12                   | 42                              | 28                            |
| 2000    | 6                             | 20                              | 12                             | 38                              | 13                   | 42                              | 31                            |
| 2001    | 7                             | 20                              | 14                             | 43                              | 12                   | 37                              | 33                            |
| 2002    | 7                             | 20                              | 14                             | 41                              | 14                   | 39                              | 35                            |
| 2003    | 10                            | 17                              | 19                             | 35                              | 27                   | 48                              | 56                            |
| 2004    | 14                            | 17                              | 24                             | 28                              | 47                   | 55                              | 86                            |
| 2005    | 26                            | 20                              | 39                             | 30                              | 66                   | 51                              | 131                           |
| 2006    | 39                            | 21                              | 51                             | 27                              | 99                   | 53                              | 189                           |
| 2007:Q1 | 43                            | 21                              | 54                             | 26                              | 107                  | 53                              | 204                           |
| 2007:Q2 | 47                            | 21                              | 57                             | 26                              | 117                  | 53                              | 221                           |
| 2007:Q3 | 50                            | 21                              | 59                             | 25                              | 124                  | 53                              | 233                           |
| 2007:Q4 | 51                            | 21                              | 59                             | 25                              | 128                  | 54                              | 238                           |
| 2008:Q1 | 49                            | 21                              | 55                             | 24                              | 124                  | 54                              | 228                           |
| 2008:Q2 | 49                            | 21                              | 54                             | 23                              | 127                  | 55                              | 231                           |
| 2008:Q3 | 44                            | 21                              | 49                             | 23                              | 117                  | 56                              | 210                           |
| 2008:Q4 | 36                            | 20                              | 40                             | 23                              | 100                  | 57                              | 176                           |
| 2009:Q1 | 33                            | 20                              | 37                             | 22                              | 95                   | 58                              | 165                           |
| 2009:Q2 | 39                            | 20                              | 43                             | 22                              | 112                  | 58                              | 193                           |

<sup>1</sup>A lifestyle mutual fund maintains a predetermined risk level and generally contains “conservative,” “aggressive,” or “moderate” in the fund’s name.

<sup>2</sup>Share is the percentage of total assets.

Note: Components may not add to the total because of rounding.

Source: Investment Company Institute

The ICI Research Department maintains a comprehensive program of research and statistical data collections on investment companies and their shareholders. The Research staff collects and disseminates industry statistics, and conducts research studies relating to issues of public policy, economic and market developments, and shareholder demographics.

For a current list of ICI research and statistics, visit the Institute’s public website at [www.ici.org/research](http://www.ici.org/research). For more information on this issue of Fundamentals, contact ICI’s Research Department at 202/326-5913.

Copyright © 2009 by the Investment Company Institute

The Investment Company Institute (ICI) is the national association of U.S. investment companies. ICI seeks to encourage adherence to high ethical standards, promote public understanding, and otherwise advance the interests of funds, their shareholders, directors, and advisers.