

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

### KEY FINDINGS

- **Total U.S. retirement assets were \$15.6 trillion as of September 30, 2009, up 7.9 percent from \$14.4 trillion on June 30, 2009.** Retirement savings accounted for 35 percent of all household financial assets in the United States.
- **IRAs held \$4.1 trillion at the end of the third quarter of 2009, up from \$3.8 trillion at the end of the second quarter.** Forty-six percent of IRA assets, or \$1.9 trillion, was invested in mutual funds.
- **Americans held \$3.9 trillion in all employer-based defined contribution (DC) retirement plans, of which \$2.7 trillion was held in 401(k) plans, on September 30, 2009.** Those figures are up from \$3.6 trillion and \$2.4 trillion, respectively, on June 30, 2009.
- **Mutual funds managed \$2.0 trillion of assets in 401(k), 403(b), and other DC plans at the end of the third quarter, up from \$1.8 trillion at the end of the second quarter.** Mutual funds managed 51 percent of DC plan assets.
- **Assets in lifecycle mutual funds grew 20.1 percent in the third quarter.** A lifecycle, or target date, mutual fund typically rebalances its portfolio to become more conservative and income producing as it approaches and passes a specified target date. Lifecycle mutual funds managed \$233 billion at the end of the third quarter of 2009, up from \$194 billion at the end of the second quarter. More than 85 percent of assets in lifecycle mutual funds was held in retirement accounts.

The Investment Company Institute's total retirement market estimates in this *Fundamentals* update incorporate data on 401(k) plans from U.S. Department of Labor tabulations of 2007 Form 5500 data\* and preliminary data on individual retirement accounts (IRAs) from preliminary tabulations of 2006 and 2007 Form 5498 data from the Statistics of Income Division of the Internal Revenue Service. The newly available data on 401(k) plans and IRAs replaced previously published estimates for 2006 and 2007 and also led to revisions of estimates for subsequent time periods.

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.

\* See U.S. Department of Labor Employee Benefits Security Administration, *Private Pension Plan Bulletin: Abstract of 2007 Form 5500 Annual Reports*, Washington, DC: U.S. Department of Labor Employee Benefits Security Administration, January 2010. Available at <http://www.dol.gov/ebsa/pdf/2007pensionplanbulletin.pdf>.

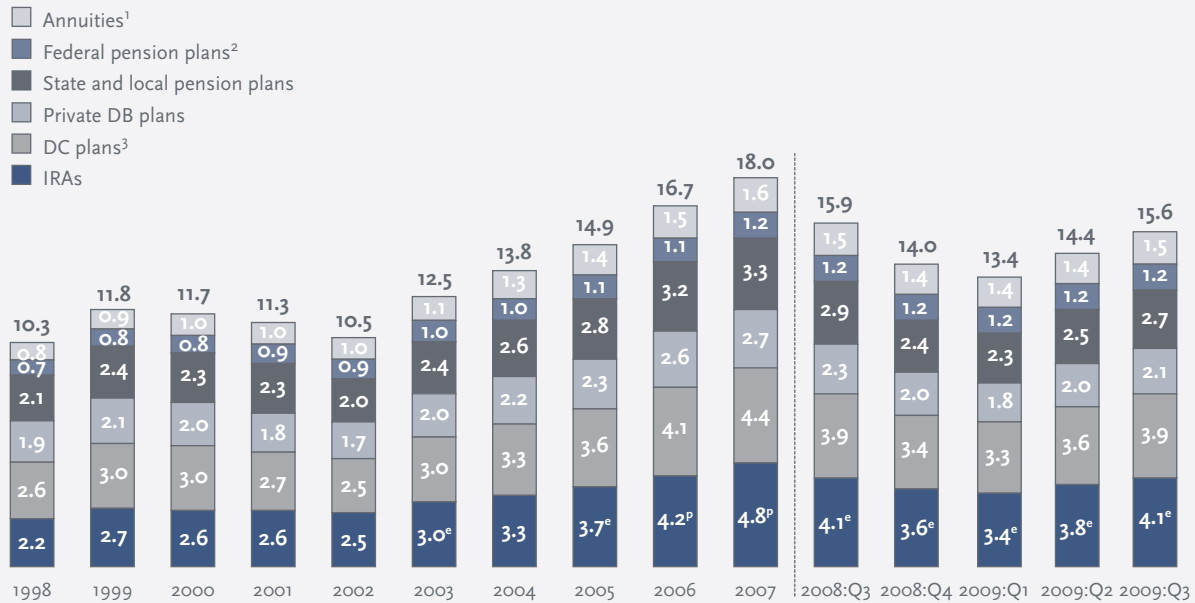
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FIGURE 1

**U.S. RETIREMENT ASSETS**

Trillions of dollars, end-of-period, 1998–2007, 2008:Q3–2009:Q3



<sup>1</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 (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.

<sup>p</sup>Data are preliminary.

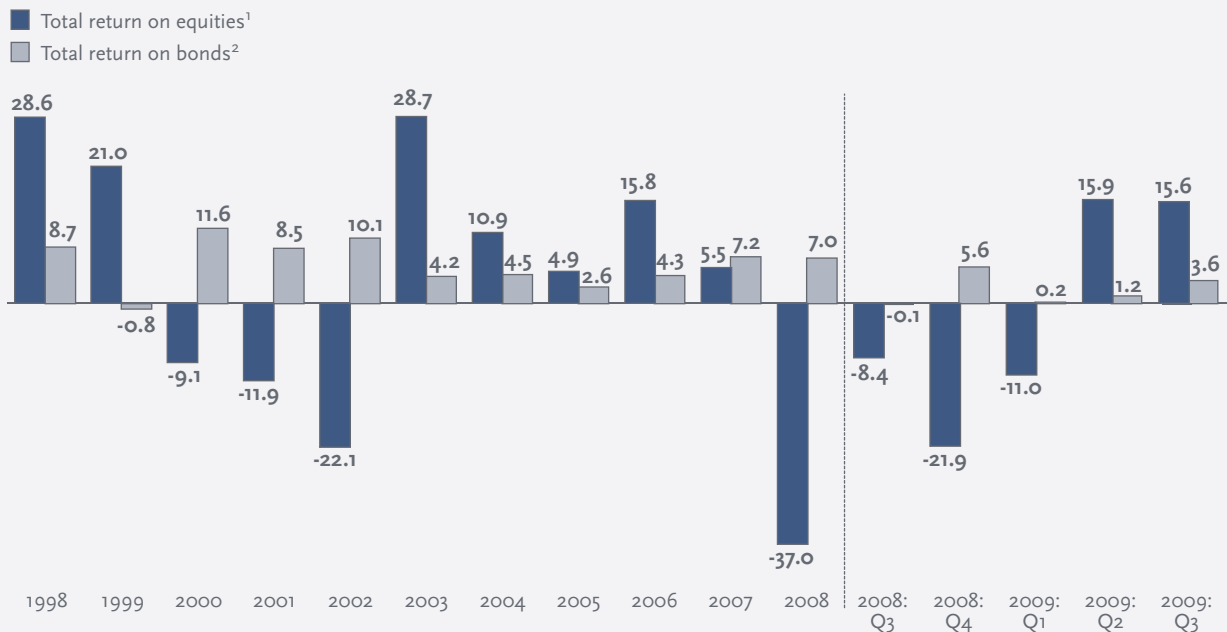
Note: Components may not add to the total because of rounding.

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:Q3–2009:Q3



<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.

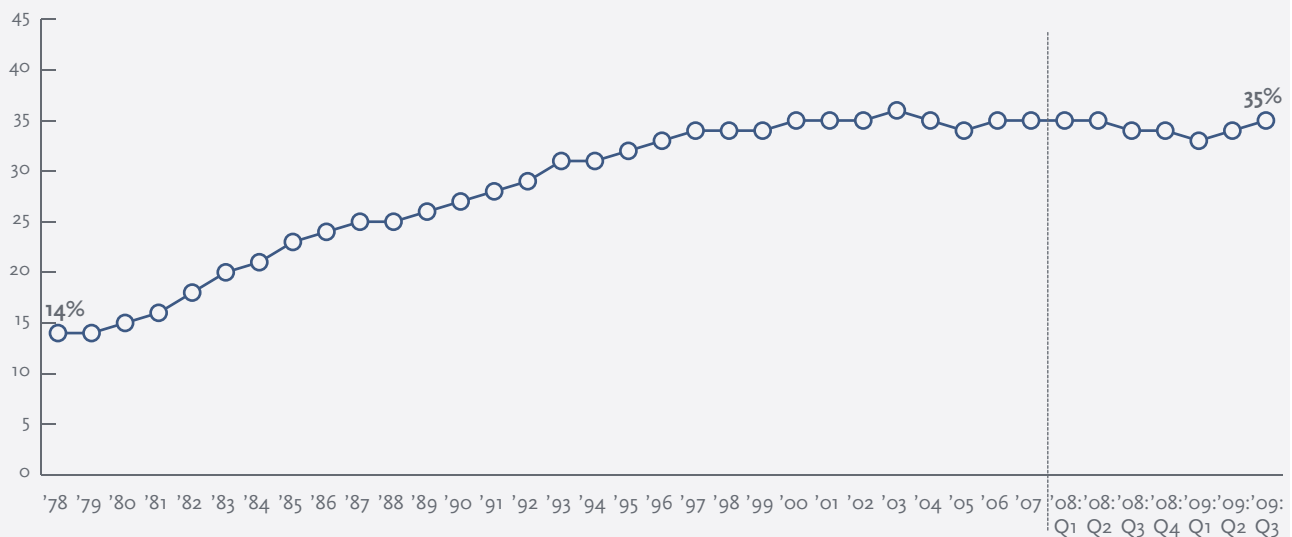
<sup>2</sup>The total return on bonds reported is the Citigroup Broad Investment Grade Bond Index, which is a broad U.S. index consisting of treasuries, agency debt, corporate, noncorporate credit, mortgage-backed securities, and asset-backed securities.

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

FIGURE 3

RETIREMENT ASSETS REPRESENTED 35 PERCENT OF HOUSEHOLD FINANCIAL ASSETS

Retirement assets as a percentage of household financial assets, end-of-period, 1978–2007, 2008:Q1–2009:Q3



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

**46 PERCENT OF IRA ASSETS WERE INVESTED IN MUTUAL FUNDS**

IRA assets by type of institution, end-of-period, 1990–2006, 2007:Q1–2009:Q3

	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	981	46	249	12	157	7	763	35	2,150
1999	1,277	48	243	9	203	8	928	35	2,651
2000	1,249	48	250	10	203	8	927	35	2,629
2001	1,176	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	1,548 <sup>P</sup>	37	4,207 <sup>P</sup>
2007:Q1	2,098	48	320	7	319 <sup>e</sup>	7	1,612 <sup>e</sup>	37	4,348 <sup>e</sup>
2007:Q2	2,235	48	328	7	325 <sup>e</sup>	7	1,736 <sup>e</sup>	38	4,623 <sup>e</sup>
2007:Q3	2,321	48	333	7	327 <sup>e</sup>	7	1,822 <sup>e</sup>	38	4,802 <sup>e</sup>
2007:Q4	2,305	48	340	7	325 <sup>e</sup>	7	1,814 <sup>P</sup>	38	4,784 <sup>P</sup>
2008:Q1	2,164	48	351	8	321 <sup>e</sup>	7	1,709 <sup>e</sup>	38	4,545 <sup>e</sup>
2008:Q2	2,154	48	359	8	320 <sup>e</sup>	7	1,700 <sup>e</sup>	37	4,534 <sup>e</sup>
2008:Q3	1,924	46	370	9	322 <sup>e</sup>	8	1,526 <sup>e</sup>	37	4,143 <sup>e</sup>
2008:Q4	1,592	44	391	11	310 <sup>e</sup>	9	1,286 <sup>e</sup>	36	3,579 <sup>e</sup>
2009:Q1	1,497	44	410	12	309 <sup>e</sup>	9	1,212 <sup>e</sup>	35	3,428 <sup>e</sup>
2009:Q2	1,684	45	424	11	309 <sup>e</sup>	8	1,341 <sup>e</sup>	36	3,757 <sup>e</sup>
2009:Q3	1,879	46	429	10	311 <sup>e</sup>	8	1,475 <sup>e</sup>	36	4,093 <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.<sup>P</sup>Data are preliminary.

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

**46 MILLION HOUSEHOLDS OWNED IRAS**

May 2009

	Year created	Number of U.S. households with type of IRA, 2009	Percentage of U.S. households with type of IRA, 2009
Traditional IRA	1974 (Employee Retirement Income Security Act)	36.6 million	31.2%
SEP IRA	1978 (Revenue Act)	9.6 million	8.2%
SAR-SEP IRA	1986 (Tax Reform Act)		
SIMPLE IRA	1996 (Small Business Job Protection Act)		
Roth IRA	1997 (Taxpayer Relief Act)	17.0 million	14.5%
<b>Any IRA</b>		<b>46.1 million</b>	<b>39.3%</b>

Note: Households may hold more than one type of IRA.

Sources: Investment Company Institute and U.S. Census Bureau. See "The Role of IRAs in U.S. Households' Saving for Retirement, 2009," Investment Company Institute Fundamentals 19, no. 1, January 2010. Available at [www.ici.org/pdf/fm-v19n1.pdf](http://www.ici.org/pdf/fm-v19n1.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> (percent)	Assets (billions)	Share <sup>3</sup> (percent)	Assets (billions)	Share <sup>3</sup> (percent)	Assets (billions)	Share <sup>3</sup> (percent)	
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	3,722 <sup>P</sup>	88	236 <sup>P</sup>	6	196 <sup>P</sup>	5	52 <sup>P</sup>	1	4,207 <sup>P</sup>
2007	4,223 <sup>P</sup>	88	266 <sup>P</sup>	6	233 <sup>P</sup>	5	63 <sup>P</sup>	1	4,784 <sup>P</sup>
2008	3,167 <sup>e</sup>	89	193 <sup>e</sup>	5	173 <sup>e</sup>	5	46 <sup>e</sup>	1	3,579 <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.

<sup>P</sup>Data are preliminary.

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> (year-end)	Of which: assets held in mutual funds (year-end)
1996	\$14.1	\$114.0	\$45.5	N/A	\$562
1997	15.0	121.5	55.2	\$1,642 <sup>e</sup>	734
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	1,112
2001	9.2	187.8	94.3	2,395	1,044
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	13.6 <sup>e</sup>	246.5 <sup>e</sup>	112.3	3,259 <sup>e</sup>	1,460
2006	14.4 <sup>P</sup>	282.1 <sup>P</sup>	124.7	3,722 <sup>P</sup>	1,732
2007	14.4 <sup>P</sup>	323.1 <sup>P</sup>	148.0	4,223 <sup>P</sup>	1,960
2008	N/A	N/A	N/A	3,167 <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.

<sup>P</sup>Data are preliminary.

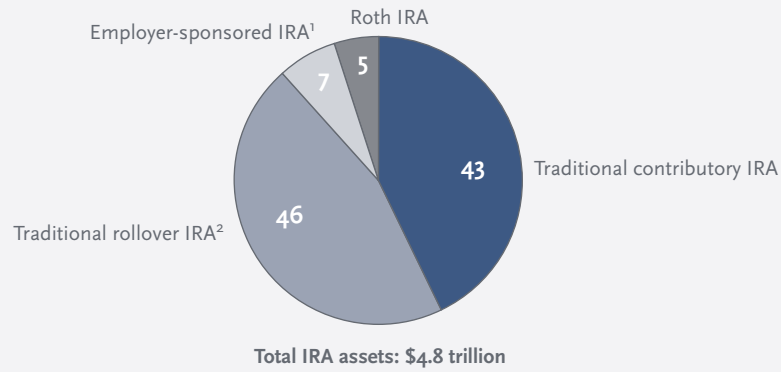
N/A = not available

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.

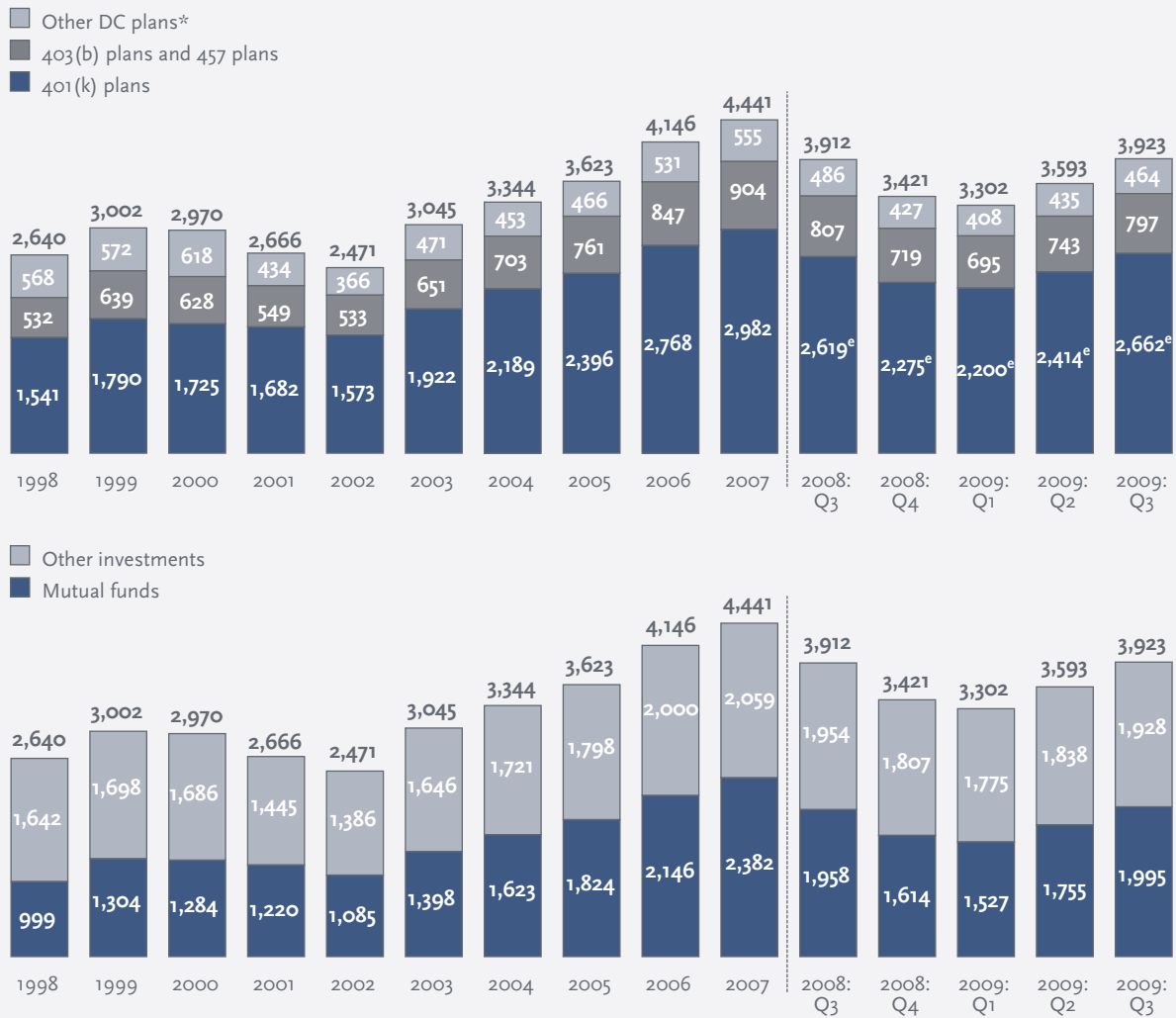
Sources: Internal Revenue Service Statistics of Income Division and Investment Company Institute tabulations of Federal Reserve Board Survey of Consumer Finances



FIGURE 9

DEFINED CONTRIBUTION PLAN ASSETS AND AMOUNTS HELD IN MUTUAL FUNDS

Billions of dollars, end-of-period, 1998–2007, 2008:Q3–2009:Q3



\*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

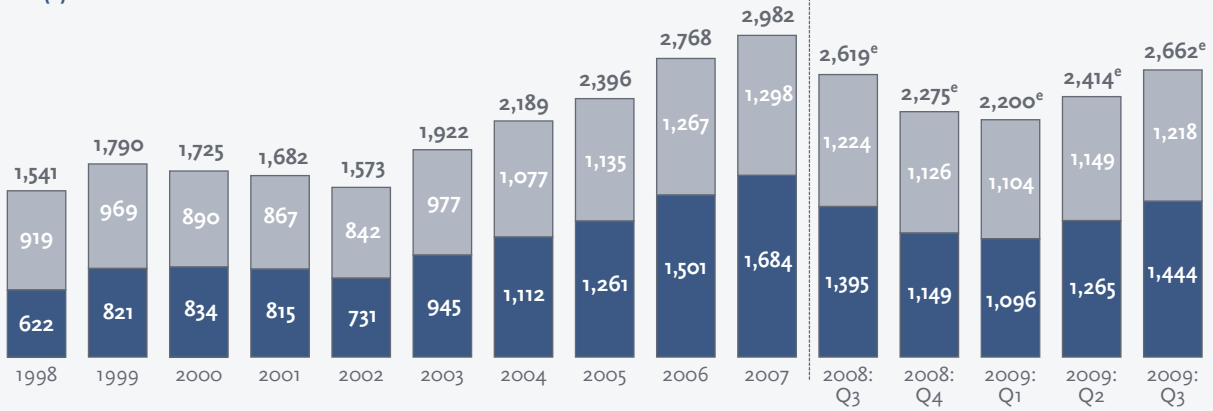
FIGURE 10

**DEFINED CONTRIBUTION PLANS HOLD SIGNIFICANT MUTUAL FUND ASSETS**

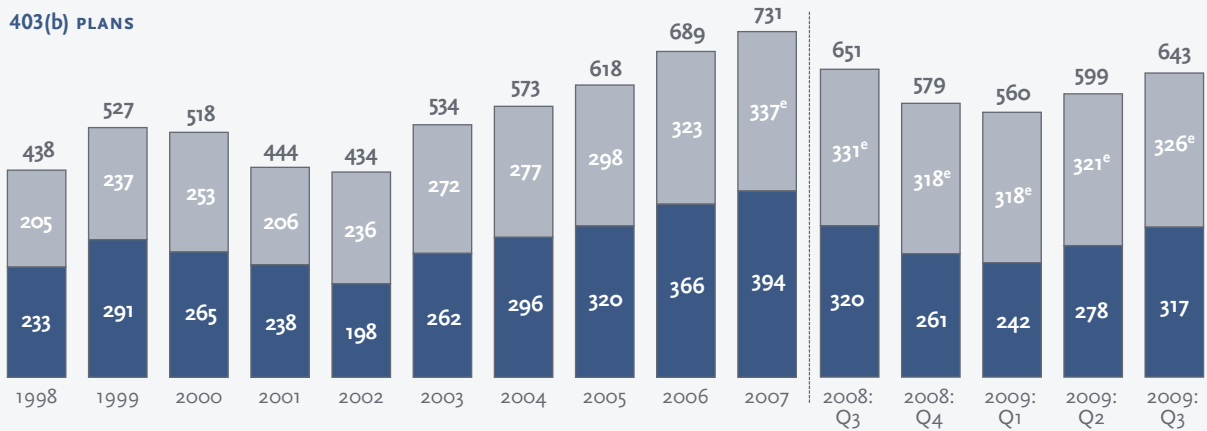
Billions of dollars, end-of-period, 1998–2007, 2008:Q3–2009:Q3

Other investments  
Mutual funds

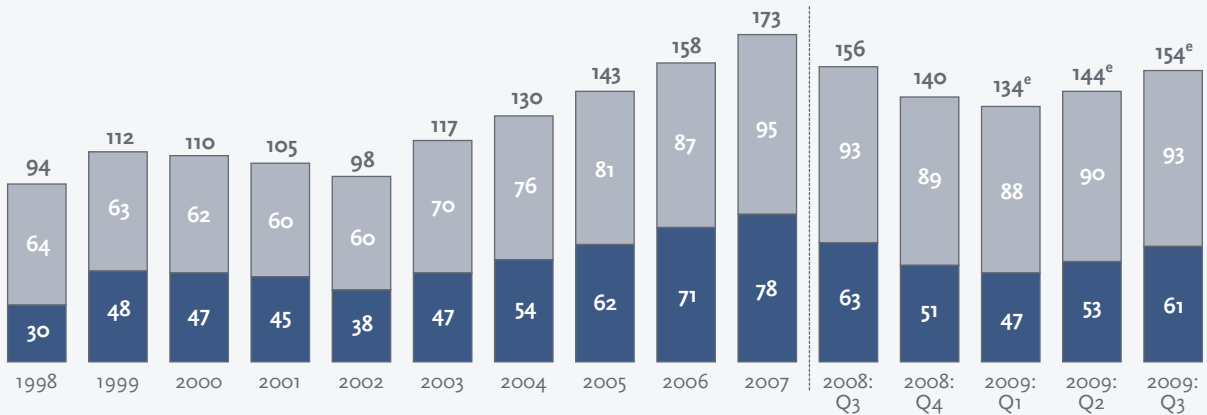
**401(k) PLANS**



**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, 1996–2006, 2007:Q1–2009:Q3*

	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	689
2007:Q1	325 <sup>e</sup>	47	215	31	159	23	699
2007:Q2	332 <sup>e</sup>	46	225	31	171	23	727
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	695
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	152	25	126	21	599
2009:Q3	326 <sup>e</sup>	51	173	27	144	22	643

<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:Q3*

	Equity			Hybrid <sup>1</sup>	Bond	Money market	Total
	Total	Domestic	Foreign				
<b>Retirement accounts</b>	<b>\$2,243</b>	<b>\$1,720</b>	<b>\$523</b>	<b>\$669</b>	<b>\$549</b>	<b>\$413</b>	<b>\$3,874</b>
IRAs	1,036	789	246	296	302	246	1,879
DC plans	1,207	930	277	373	247	167	1,995
401(k) plans	858	642	217	301	175	110	1,444
403(b) plans	221	191	30	40	31	24	317
457 plans	40	31	8	11	8	2	61
Other DC plans <sup>2</sup>	88	66	22	21	33	31	173
<b>VA mutual funds (outside of retirement accounts)<sup>3</sup></b>	<b>555</b>	<b>432</b>	<b>124</b>	<b>62</b>	<b>183</b>	<b>44</b>	<b>845</b>
<b>Total</b>	<b>2,798</b>	<b>2,151</b>	<b>647</b>	<b>731</b>	<b>733</b>	<b>457</b>	<b>4,719</b>

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle mutual 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

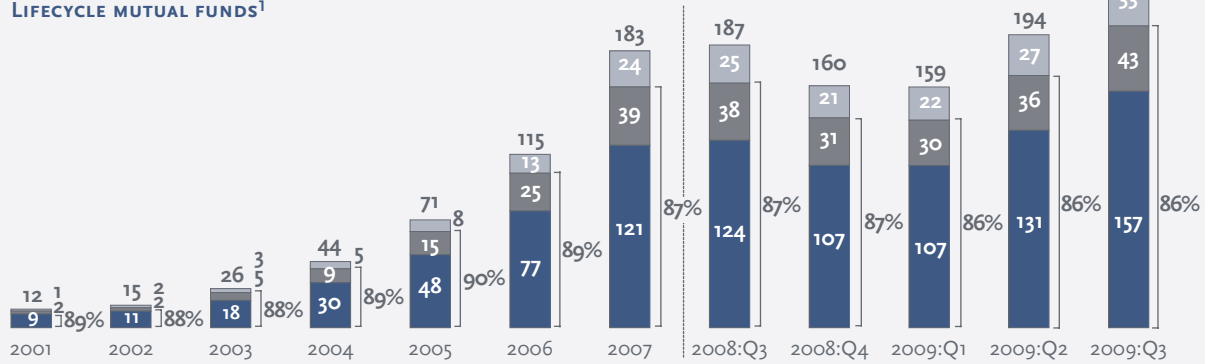
FIGURE 13

**LIFECYCLE AND LIFESTYLE MUTUAL FUND ASSETS**

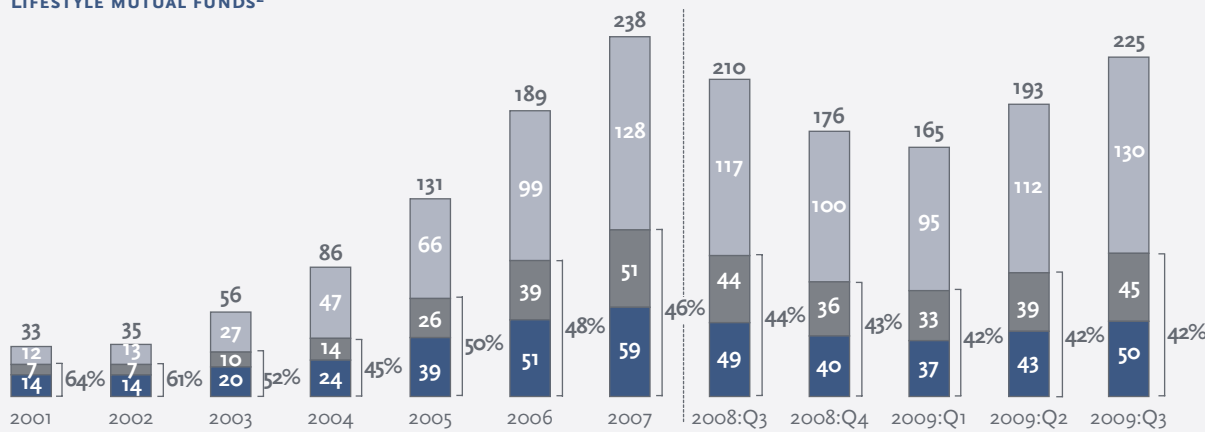
Billions of dollars, end-of-period, 2001–2007, 2008:Q3–2009:Q3

- Other investors
- IRAs
- Employer-sponsored DC plans

**LIFECYCLE MUTUAL FUNDS<sup>1</sup>**



**LIFESTYLE MUTUAL FUNDS<sup>2</sup>**



<sup>1</sup>A lifecycle mutual 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, 1985–2006, 2007:Q1–2009:Q3*

	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	2,640	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	13,782
2005	3,652 <sup>e</sup>	3,623	2,763	2,310	1,072	1,443	14,863
2006	4,207 <sup>P</sup>	4,146	3,175	2,557	1,141	1,521	16,748
2007:Q1	4,348 <sup>e</sup>	4,227	3,209	2,601	1,132	1,539	17,056
2007:Q2	4,623 <sup>e</sup>	4,407	3,355	2,729	1,133	1,584	17,831
2007:Q3	4,802 <sup>e</sup>	4,492	3,381	2,754	1,155	1,607	18,192
2007:Q4	4,784 <sup>P</sup>	4,441	3,315	2,691	1,197	1,592	18,022
2008:Q1	4,545 <sup>e</sup>	4,221	3,079	2,493	1,171	1,540	17,050
2008:Q2	4,534 <sup>e</sup>	4,219	3,046	2,458	1,179	1,538	16,973
2008:Q3	4,143 <sup>e</sup>	3,912	2,856	2,290	1,188	1,498	15,887
2008:Q4	3,579 <sup>e</sup>	3,421	2,435	1,957	1,221	1,387	14,000
2009:Q1	3,428 <sup>e</sup>	3,302	2,283	1,821	1,192	1,362	13,389
2009:Q2	3,757 <sup>e</sup>	3,593	2,483	1,965	1,215	1,400	14,413
2009:Q3	4,093 <sup>e</sup>	3,923	2,711	2,122	1,250	1,455	15,553

<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.<sup>P</sup>Data are preliminary.

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, 1990–2006, 2007:Q1–2009:Q3*

	Total mutual fund retirement assets	Employer-sponsored DC plan mutual fund assets*	IRA mutual fund assets
1990	\$206	\$67	\$140
1991	323	135	188
1992	420	184	237
1993	584	263	321
1994	668	320	348
1995	919	445	474
1996	1,184	589	595
1997	1,564	784	780
1998	1,980	999	981
1999	2,581	1,304	1,277
2000	2,534	1,284	1,249
2001	2,397	1,220	1,176
2002	2,130	1,085	1,045
2003	2,726	1,398	1,327
2004	3,144	1,623	1,521
2005	3,525	1,824	1,701
2006	4,174	2,146	2,029
2007:Q1	4,315	2,217	2,098
2007:Q2	4,591	2,356	2,235
2007:Q3	4,742	2,422	2,321
2007:Q4	4,687	2,382	2,305
2008:Q1	4,383	2,218	2,164
2008:Q2	4,369	2,215	2,154
2008:Q3	3,882	1,958	1,924
2008:Q4	3,206	1,614	1,592
2009:Q1	3,024	1,527	1,497
2009:Q2	3,439	1,755	1,684
2009:Q3	3,874	1,995	1,879

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

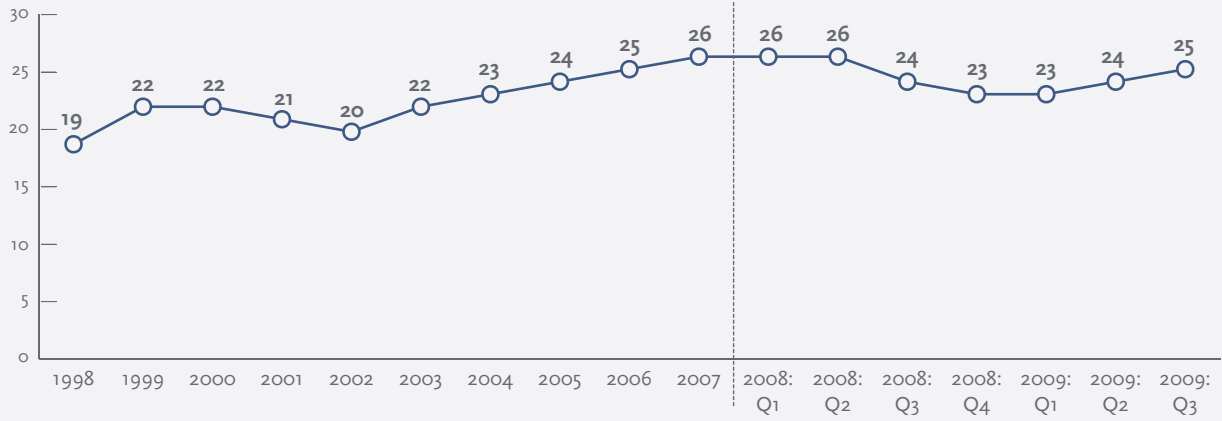
Note: Components may not add to the total because of rounding.

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:Q1–2009:Q3



<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 2 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, 1996–2006, 2007:Q1–2009:Q3

	IRAs		Employer-sponsored DC plans		Other investors		Total assets (billions)
	Assets (billions)	Share* (percent)	Assets (billions)	Share* (percent)	Assets (billions)	Share* (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
2009:Q3	82	7	214	19	845	74	1,141

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

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

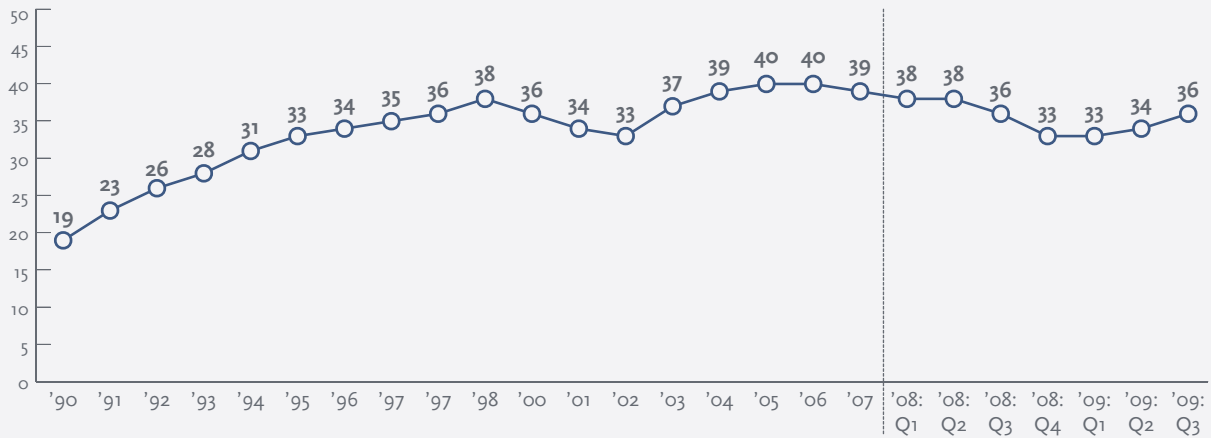
Source: Investment Company Institute

FIGURE A5

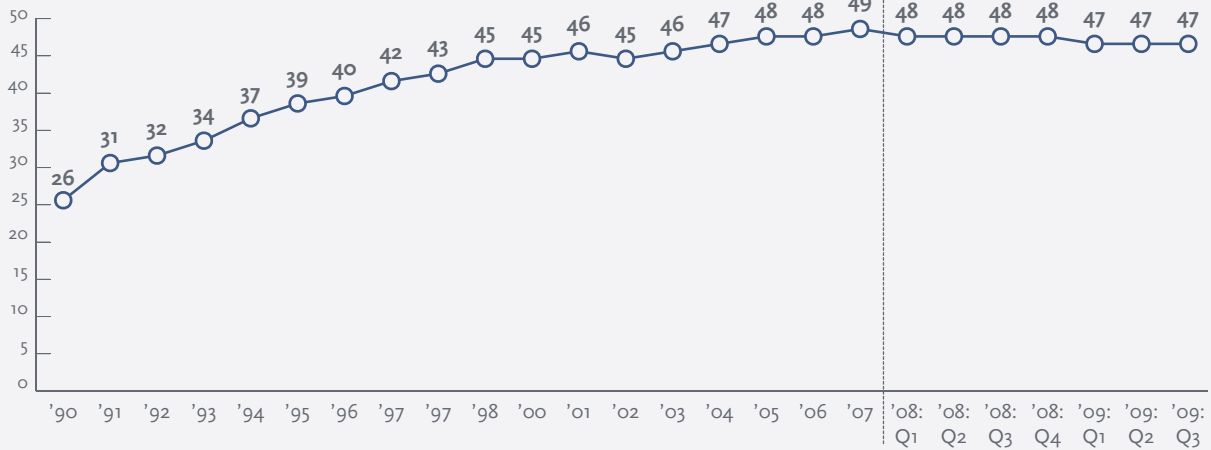
SHARE OF MUTUAL FUND ASSETS HELD IN RETIREMENT ACCOUNTS

Percentage, end-of-period, 1990–2007, 2008:Q1–2009:Q3

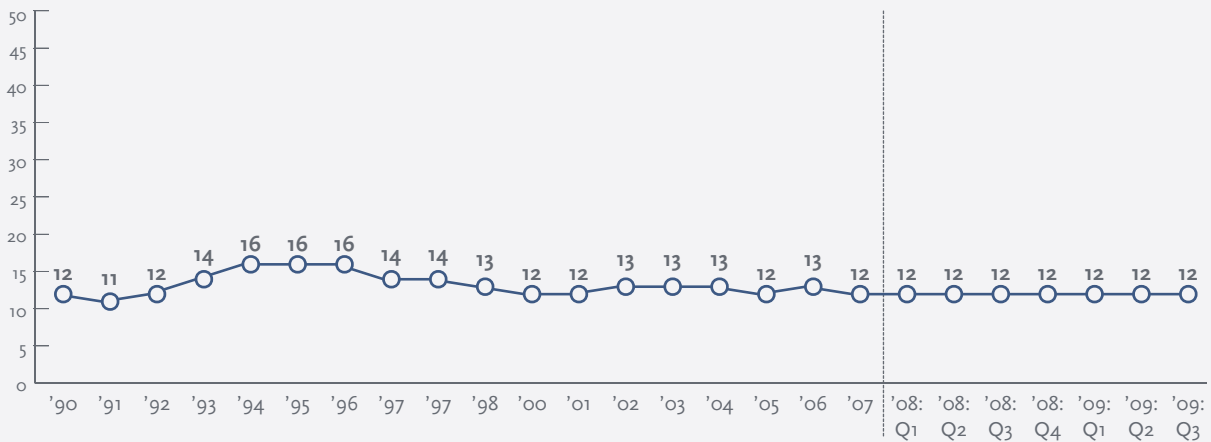
ALL MUTUAL FUNDS



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, 1996–2006, 2007:Q1–2009:Q3

	IRAs		Employer-sponsored DC plans		Other investors		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	\$11	11%	\$33	34%	\$53	54%	\$97
1997	20	12	55	33	94	56	169
1998	34	13	80	30	149	57	264
1999	65	17	118	31	204	53	387
2000	64	17	117	31	203	53	384
2001	60	16	114	31	196	53	371
2002	54	16	100	30	174	53	328
2003	78	17	135	30	242	53	456
2004	96	17	162	29	298	54	556
2005	106	17	183	29	333	54	621
2006	129	17	216	29	404	54	750
2007:Q1	134	17	223	28	427	55	784
2007:Q2	143	17	239	28	458	54	840
2007:Q3	148	17	245	28	478	55	871
2007:Q4	146	17	240	28	471	55	857
2008:Q1	135	17	221	27	449	56	805
2008:Q2	134	17	221	28	448	56	802
2008:Q3	122	17	204	28	403	55	729
2008:Q4	99	16	167	28	336	56	603
2009:Q1	93	16	158	28	320	56	571
2009:Q2	109	16	184	27	378	56	671
2009:Q3	127	16	215	27	443	56	785

<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 81 percent of the \$785 billion of index fund assets at the end of the third 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

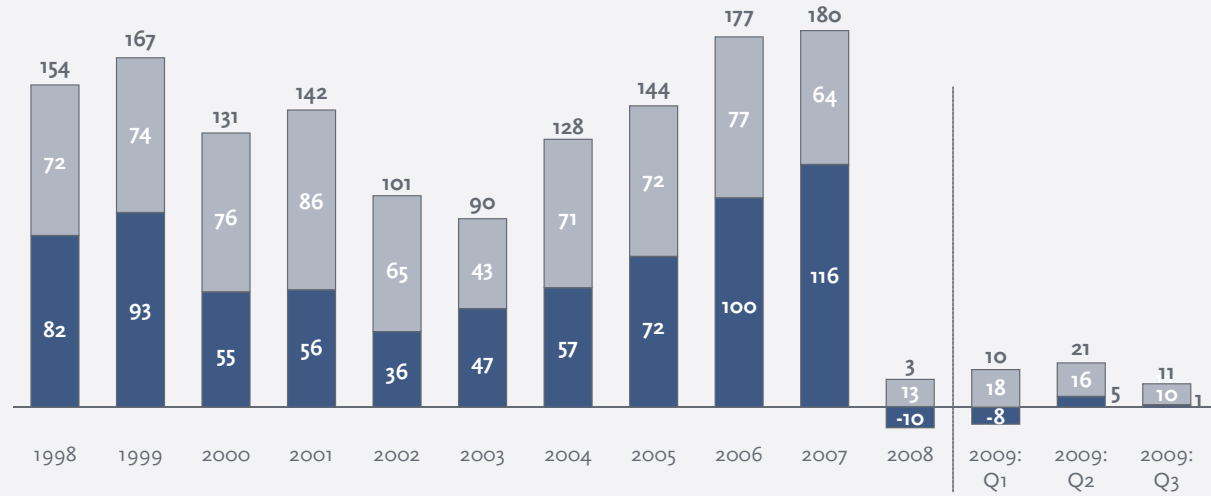
FIGURE A7

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

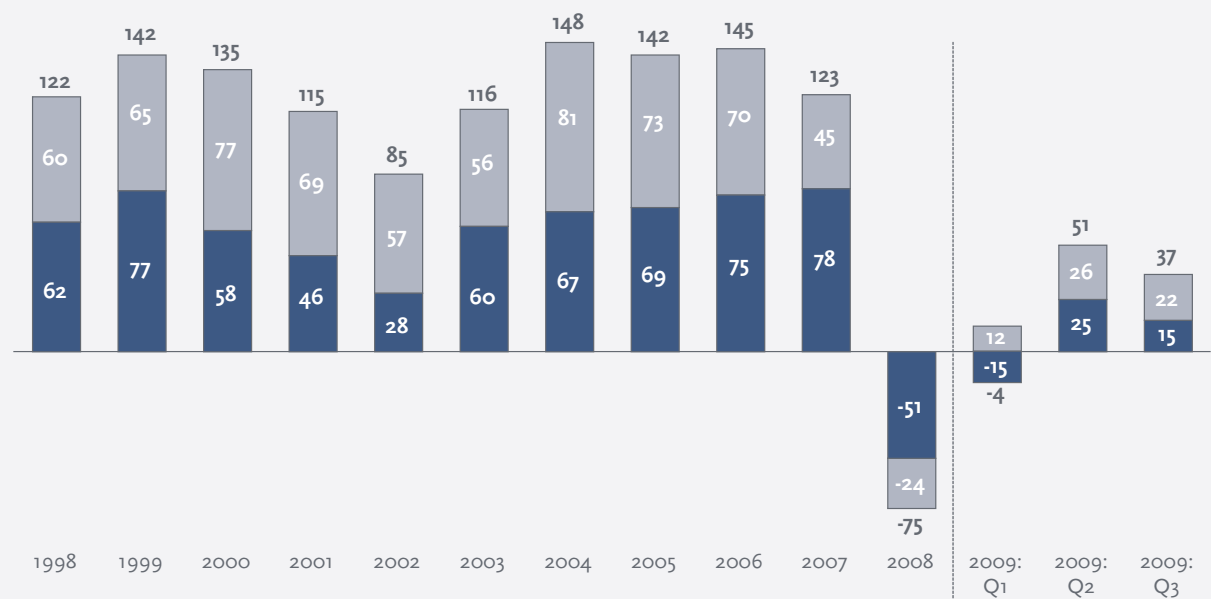
Billions of dollars, 1998–2008, 2009:Q1–2009:Q3

Employer-sponsored DC plans  
IRAs

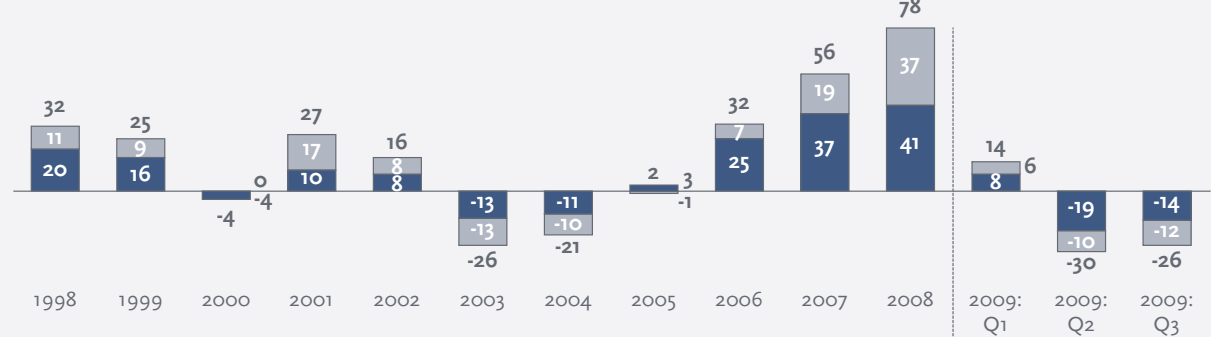
ALL MUTUAL FUNDS



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	\$111	\$141	\$154	\$167
IRAs	18	9	35	49	31	40	47	76	82	93
DC plans	11	(*)	39	52	56	39	64	65	72	74
<b>Long-term funds</b>	17	17	72	92	72	67	90	146	122	142
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	135
IRAs	5	3	22	29	21	25	40	69	49	73
DC plans	7	7	29	34	42	33	47	55	46	61
Hybrid funds <sup>3,4</sup>	3	2	9	17	12	6	1	13	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	-5	32	25
IRAs	9	-3	1	3	10	8	15	-2	20	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>	\$131	\$142	\$101	\$90	\$128	\$144	\$177	\$180	\$3
IRAs	55	56	36	47	57	72	100	116	-10
DC plans	76	86	65	43	71	72	77	64	13
<b>Long-term funds</b>	135	115	85	116	148	142	145	123	-75
IRAs	58	46	28	60	67	69	75	78	-51
DC plans	77	69	57	56	81	73	70	45	-24
Equity funds	158	59	20	80	94	64	75	16	-135
IRAs	74	22	-6	38	37	32	40	23	-68
DC plans	85	37	27	41	57	31	35	-8	-67
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	51	6	4	8	17	28	33
IRAs	-8	17	27	3	1	4	12	19	16
DC plans	-6	20	24	3	3	5	6	9	17
<b>Money market funds</b>	-4	27	16	-26	-21	2	32	56	78
IRAs	-4	10	8	-13	-11	3	25	37	41
DC plans	(*)	17	8	-13	-10	-1	7	19	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:Q3

	2007:Q1	2007:Q2	2007:Q3	2007:Q4	2008:Q1	2008:Q2	2008:Q3	2008:Q4	2009:Q1	2009:Q2	2009:Q3
<b>Total retirement<sup>2</sup></b>	\$61	\$42	\$40	\$37	\$45	\$10	-\$24	-\$28	\$10	\$21	\$11
IRAs	31	27	31	27	24	2	-7	-28	-8	5	1
DC plans	31	15	9	10	20	8	-16	1	18	16	10
<b>Long-term funds</b>	53	31	21	18	11	20	-47	-58	-4	51	37
IRAs	25	19	19	15	3	13	-24	-43	-15	25	15
DC plans	28	12	2	3	8	7	-24	-16	12	26	22
Equity funds	18	3	(*)	-4	-32	-2	-59	-42	-28	20	-2
IRAs	8	4	8	4	-11	2	-27	-31	-25	7	-3
DC plans	10	-1	-9	-8	-21	-4	-31	-12	-3	13	2
Hybrid funds <sup>3,4</sup>	26	19	18	18	19	15	2	-8	3	14	16
IRAs	11	9	9	8	6	7	-1	-9	-3	6	5
DC plans	14	10	9	10	14	8	3	1	6	8	10
Bond funds	10	10	4	5	24	7	10	-8	22	17	23
IRAs	6	6	2	4	9	4	5	-3	13	12	13
DC plans	4	3	2	1	15	3	5	-5	9	5	10
<b>Money market funds</b>	8	11	19	18	34	-11	24	31	14	-30	-26
IRAs	5	8	12	12	21	-11	16	14	8	-19	-14
DC plans	3	3	7	7	13	(*)	7	16	6	-10	-12
<b>Memo:</b>											
<b>Industry net new cash flow<sup>2</sup></b>	165	145	305	263	314	-12	-73	181	-20	-26	-84
Long-term funds	119	69	14	20	3	68	-97	-199	3	139	145
Equity funds	64	21	3	2	-45	23	-98	-113	-41	43	4
Hybrid funds <sup>3</sup>	10	6	4	4	3	7	-7	-23	-9	7	16
Bond funds	45	42	7	14	45	38	8	-63	53	89	125
Money market funds	46	75	291	243	312	-79	24	381	-23	-164	-229

<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 mutual 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, 1990–2006, 2007:Q1–2009:Q3

	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	156	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	84	14	595
1997	445	57	78	10	85	11	86	11	86	11	780
1998	582	59	92	9	97	10	100	10	110	11	981
1999	807	63	137	11	102	8	102	8	129	10	1,277
2000	798	64	126	10	95	8	97	8	133	11	1,249
2001	707	60	103	9	99	8	117	10	151	13	1,176
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	1,017	47	333	15	324	15	245	11	248	11	2,164
2008:Q2	1,014	47	330	15	328	15	248	12	239	11	2,154
2008:Q3	877	46	258	13	294	15	242	13	257	13	1,924
2008:Q4	660	41	190	12	241	15	229	14	273	17	1,592
2009:Q1	586	39	164	11	222	15	244	16	281	19	1,497
2009:Q2	688	41	205	12	258	15	271	16	262	16	1,684
2009:Q3	789	42	246	13	296	16	302	16	246	13	1,879

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle mutual 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, 1992–2006, 2007:Q1–2009:Q3

	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	562	95	32	5	-	-	-	-	595	-
1997	734	94	45	6	-	-	(*)	(**)	780	-
1998	890	91	57	6	\$31	3%	\$3	(**)	981	(*)
1999	1,142	89	74	6	55	4	7	(**)	1,277	\$1
2000	1,112	89	71	6	57	5	9	1%	1,249	1
2001	1,044	89	65	6	55	5	12	1	1,176	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	1,497	4
2009:Q2	1,428	85	95	6	123	7	39	2	1,684	4
2009:Q3	1,589	85	106	6	140	7	45	2	1,879	5

<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 (year-end)	Of which: assets held in mutual funds (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 <sup>e</sup>	105.8 <sup>e</sup>	76
2004	14.7	2.8	139.9	92
2005	16.7 <sup>e</sup>	2.8 <sup>e</sup>	160.0 <sup>e</sup>	110
2006	18.7 <sup>P</sup>	2.8 <sup>P</sup>	196.1 <sup>P</sup>	140
2007	18.7 <sup>P</sup>	2.3 <sup>P</sup>	232.8 <sup>P</sup>	165
2008	N/A	N/A	173.0 <sup>e</sup>	111

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

<sup>P</sup>Data are preliminary.

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 (year-end)	Of which: assets held in mutual funds (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	14.0 <sup>e</sup>	191.0 <sup>e</sup>	96
2006	15.0 <sup>P</sup>	236.5 <sup>P</sup>	113
2007	16.1 <sup>P</sup>	266.0 <sup>P</sup>	128
2008	N/A	193.0 <sup>e</sup>	89

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

<sup>P</sup>Data are preliminary.

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 (year-end)	Of which: assets held in mutual funds (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	8.0 <sup>e</sup>	42.0 <sup>e</sup>	35
2006	8.9 <sup>P</sup>	52.4 <sup>P</sup>	44
2007	9.6 <sup>P</sup>	62.6 <sup>P</sup>	52
2008	N/A	46.0 <sup>e</sup>	35

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

<sup>P</sup>Data are preliminary.

N/A = not available

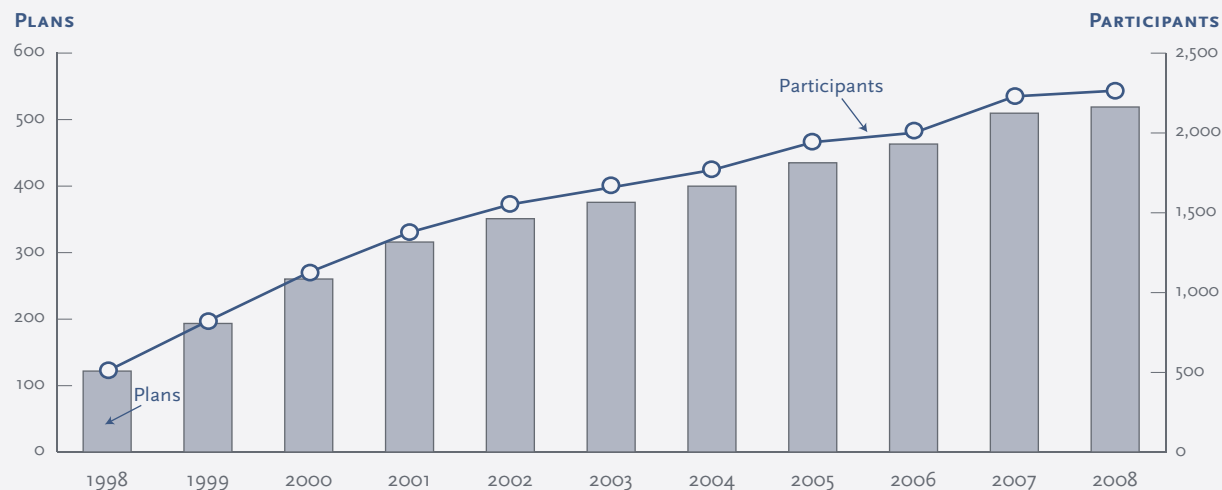
(\*) = less than \$500 million

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, 1992–2006, 2007:Q1–2009:Q3

	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	388	66	40	7	57	10	46	8	58	10	589
1997	537	69	55	7	77	10	55	7	59	8	784
1998	697	70	65	7	95	10	66	7	75	8	999
1999	935	72	107	8	106	8	68	5	88	7	1,304
2000	907	71	110	9	107	8	67	5	92	7	1,284
2001	803	66	92	8	118	10	92	8	114	9	1,220
2002	639	59	81	7	115	11	124	11	125	12	1,085
2003	876	63	119	8	152	11	138	10	114	8	1,398
2004	1,022	63	161	10	190	12	147	9	104	6	1,623
2005	1,106	61	215	12	239	13	158	9	107	6	1,824
2006	1,245	58	312	15	301	14	171	8	117	5	2,146
2007:Q1	1,263	57	332	15	325	15	177	8	121	5	2,217
2007:Q2	1,335	57	367	16	349	15	180	8	125	5	2,356
2007:Q3	1,351	56	386	16	366	15	186	8	133	6	2,422
2007:Q4	1,293	54	387	16	371	16	190	8	141	6	2,382
2008:Q1	1,146	52	347	16	361	16	207	9	158	7	2,218
2008:Q2	1,138	51	342	15	367	17	210	9	159	7	2,215
2008:Q3	984	50	266	14	334	17	207	11	167	9	1,958
2008:Q4	746	46	201	12	283	18	199	12	185	11	1,614
2009:Q1	676	44	181	12	272	18	209	14	191	12	1,527
2009:Q2	801	46	230	13	320	18	224	13	181	10	1,755
2009:Q3	930	47	277	14	373	19	247	12	167	8	1,995

<sup>1</sup>Hybrid funds invest in a mix of equities and fixed-income securities. The bulk of lifecycle and lifestyle mutual 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, 1992–2006, 2007:Q1–2009:Q3*

	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	353	149	13	74	589
1997	483	188	20	93	784
1998	622	233	30	114	999
1999	821	291	48	143	1,304
2000	834	265	47	137	1,284
2001	815	238	45	122	1,220
2002	731	198	38	118	1,085
2003	945	262	47	144	1,398
2004	1,112	296	54	161	1,623
2005	1,261	320	62	181	1,824
2006	1,501	366	71	207	2,146
2007:Q1	1,560	374	73	211	2,217
2007:Q2	1,662	396	78	221	2,356
2007:Q3	1,712	404	79	227	2,422
2007:Q4	1,684	394	78	227	2,382
2008:Q1	1,579	361	71	206	2,218
2008:Q2	1,590	361	71	193	2,215
2008:Q3	1,395	320	63	180	1,958
2008:Q4	1,149	261	51	152	1,614
2009:Q1	1,096	242	47	142	1,527
2009:Q2	1,265	278	53	158	1,755
2009:Q3	1,444	317	61	173	1,995

\*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, 1994–2006, 2007:Q1–2009:Q3*

	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	2,640
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	689	158	531	4,146
2007:Q1	2,831 <sup>e</sup>	699	161	536	4,227
2007:Q2	2,957 <sup>e</sup>	727	172	550	4,407
2007:Q3	3,020 <sup>e</sup>	740	174	558	4,492
2007:Q4	2,982	731	173	555	4,441
2008:Q1	2,837 <sup>e</sup>	695	166	523	4,221
2008:Q2	2,851 <sup>e</sup>	695	165	508	4,219
2008:Q3	2,619 <sup>e</sup>	651	156	486	3,912
2008:Q4	2,275 <sup>e</sup>	579	140	427	3,421
2009:Q1	2,200 <sup>e</sup>	560	134 <sup>e</sup>	408	3,302
2009:Q2	2,414 <sup>e</sup>	599	144 <sup>e</sup>	435	3,593
2009:Q3	2,662 <sup>e</sup>	643	154 <sup>e</sup>	464	3,923

\*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 MUTUAL FUND ASSETS

End-of-period, 1996–2009:Q3

	Lifecycle mutual fund assets <sup>1</sup>						
	IRAs		Employer-sponsored DC plans		Other investors		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	(*)	33%	(*)	2%	\$1	65%	\$1
1997	(*)	33	(*)	14	1	53	1
1998	\$1	20	\$3	57	1	23	5
1999	1	15	5	66	1	19	7
2000	1	15	6	68	1	16	9
2001	2	16	9	74	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	124	67	23	12	185
2008:Q2	41	21	132	66	26	13	200
2008:Q3	38	20	124	66	25	14	187
2008:Q4	31	20	107	67	21	13	160
2009:Q1	30	19	107	67	22	14	159
2009:Q2	36	19	131	67	27	14	194
2009:Q3	43	19	157	67	33	14	233

<sup>1</sup>A lifecycle mutual 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 MUTUAL FUND ASSETS

End-of-period, 1996–2006, 2007:Q1–2009:Q3

	Lifestyle mutual fund assets <sup>1</sup>						
	IRAs		Employer-sponsored DC plans		Other investors		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	\$1	25%	\$2	39%	\$2	36%	\$6
1997	3	23	5	39	5	38	13
1998	5	22	8	37	9	41	21
1999	6	21	10	37	12	42	28
2000	6	20	12	39	13	41	31
2001	7	20	14	44	12	36	33
2002	7	20	14	42	13	39	35
2003	10	17	20	35	27	47	56
2004	14	17	24	28	47	55	86
2005	26	20	39	30	66	50	131
2006	39	21	51	27	99	52	189
2007:Q1	43	21	54	26	107	52	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	56	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
2009:Q3	45	20	50	22	130	58	225

<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

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