

Private Pension Plan Bulletin

Abstract of 1998 Form 5500 Annual Reports

**U.S. Department of Labor
Pension and Welfare Benefits
Administration**

Number 11, Winter 2001-2002



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INTRODUCTION

This is the eleventh edition of the **Private Pension Plan Bulletin**. The tabulations presented in this report contain data based on 1998 Form 5500 filings. Reports for 1998 plan years were filed by plans with the Internal Revenue Service (IRS) for fiscal years beginning anywhere from January 1, 1998 to December 30, 1998. The IRS processed 1998 filings from August 1999 through July 2001.

Plans covering 100 or more participants must file a Form 5500 every year containing extensive financial, participant, and actuarial data. Plans covering fewer than 100 participants in 1998 were required to file a less detailed report (known as a Form 5500 C/R).

The universe for this **Bulletin** consists of all private pension plans for which a Form 5500 or Form 5500 C/R has been filed with the IRS in accordance with Title I of the Employee Retirement Income Security Act of 1974 (ERISA). Such plans may be defined benefit or defined contribution plans. They generally cover private wage and salary employees and are sponsored either by employers or jointly by employers and unions.

The IRS processes the reports and provides computerized edited files to the Department of Labor's Pension and Welfare Benefits Administration. To produce this report, data on all plans covering 100 or more participants are combined with a 5 percent sample of small plan filers. This combined file is subjected to additional editing and weighted to represent the universe of private pension plans covering two or more participants.

Key findings from the 1998 filings are summarized in the **Highlights** on pages 2 and 3. The tabulations are organized

into five sections. Section A contains summary data on plans, participants, assets, income and expenses. Section B contains more detailed data on plans and participants, showing distributions by different size measures. Section C contains balance sheets and income statements for the major types of pension plans. Section D contains detailed data on defined contribution plans. Section E contains historical data from 1979 to 1998. The organization of this **Bulletin** is similar to the previous edition with the exception of an additional table in Section E on the estimated distribution of pension covered workers participating in only a defined benefit plan, only a defined contribution plan, or both a defined benefit and a defined contribution plan.

This publication was prepared by Richard Hinz, Helen Lawrence, David McCarthy, Daniel Beller, Steve Donahue, and Phyllis Fernandez of the Office of Policy and Research. Although this **Bulletin** is not copyrighted, proper acknowledgment would be appreciated. The recommended citation is:

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HIGHLIGHTS FROM THE 1998 FORM 5500 REPORTS

The Revenue Act of 1978 permitted certain types of defined contribution plans to add a cash or deferred arrangement allowing employees to defer part of their pre-tax salaries to retirement. Plans established or modified to include this arrangement are known as 401(k) plans. This legislation has radically altered the structure of the U. S. pension plan system over the last 20 years, shifting responsibility for the financing and investment of benefits from employers toward employees. Since the early and mid-1980s, the number of 401(k) plans has grown at a rate that in 15 years has led them to dominate the private pension system by providing primary or supplemental plan coverage to about 70 percent of all pension covered workers.

With an overwhelming share of the growth in pension plan coverage over the last 15-20 years occurring under 401(k) type plans, the percentage of the pension covered work force participating in defined benefit plans (DB) has been in a slow but continuous decline. In 1998, an estimated 44% of all pension covered workers participated in a DB plan, down from 84% in 1978. In addition to the extremely low rate of new DB plan formation, the DB plan coverage rate had declined because of large numbers of terminations by small and medium sized plans and the lack of growth in employment among large unionized manufacturing firms maintaining their DB plans.

Paralleling the decline in DB plan coverage has been a decline in coverage under DC plans without a 401(k) plan feature. Most of this decline resulted from the adoption of a 401(k) feature by ongoing DC plans. The DC plans initially adding a 401(k) feature were generally savings plans where the employer matched a portion of post-tax employee contributions. In more recent years many of the plans adopting a 401(k) feature have

been profit sharing, ESOP, and money purchase plans where employer contributions are made on a basis other than a match of employee contributions.

In 1998, the number of 401(k) plans topped the 300,000 mark. 401(k) type plans now make up 41% of all plans, cover 51% of all active participants, and hold 38% of all pension plan assets. A major consequence of the growth of 401(k) type plans has been the shift in the financing of plan benefits from employers to employees. In 1998, 47% of all contributions to pension plans were made by employees compared to only 11% in 1978. In real dollars, employer contributions to all types of pension plans were 18% lower in 1998 than in 1978 while employee contributions were 480% higher.

Other findings from the Form 5500 series reports for 1998 plan years are summarized below:

- In 1998 the number of private pension plans increased by 1% to 730,000. The number of 401(k) plans increased by 13%, while the number of DB plans decreased by 5% to 56,000 and the number of non-401(k) plans decreased by 6% to 373,000. The number of DB plans, while dropping for the 12th straight year, did incur the smallest percentage drop in 1998 over the 12-year period.
- The number of active participants in pension plans increased by 4% to 73.3 million in 1998. Virtually all of the growth in total active participants was led by 401(k) type plans, where the number of participants increased by 10% to 37.1 million. The number of active participants in DB plans, which had dropped every year from 1984 to 1997, increased by 1% in 1998 to 23.0 million. The increase in participants, along with a lower rate of decrease in the plan count, may be evidence that DB plan coverage is at least stabilizing.

- Among pension-covered workers in 1998, about 56% were covered only by DC plan(s), about 30% by both DB and DC plans, and about 14% only by a DB plan.
- Assets held by private pension plans in 1998 topped the \$4 trillion mark with a 13% increase over 1997. Assets held by 401(k) type plans increased by 22% to \$1.5 trillion, while DB plan assets increased by 12% to \$1.9 trillion, and non-401 (k) DC plan assets decreased by 2% to \$544 billion.
- Seventy-nine percent of 401(k) type plans, covering 83% of the active participants, and holding 81% of the assets, provided for participant direction of investments of either all assets or assets based on employee contributions.
- The aggregate rate of return for all plans with 100 or more participants in 1998 was 14.9% (investment earnings and appreciation). DC plans achieved a 15.8% rate of return during 1998 compared to 14.2% for defined benefit plans.
- In addition to the increase in assets resulting from earnings, DC plan asset growth was aided by a positive cash flow of \$7.3 billion in 1998 (contributions minus benefit payouts and administrative expenses). In contrast, asset growth in DB plans resulting from earnings was partially offset by a negative cash flow of -\$76.5 billion. DB plans have experienced a negative cash flow every year since 1985.
- The rate of return was 15.3% for single employer plans compared to 11.9% for multiemployer plans. Single employer plans tend to invest a higher percentage of their assets in stocks than multiemployer plans and

generally achieve higher rates of return during years when the stock market performs well.

- The rate of return for 401(k) plans in 1998 was 12.0%. While 401(k) plan earnings were lower than the average of 15.8% for all plans, a positive cash flow of \$8.7 billion enabled 401(k) plans to grow at a more rapid rate than other types of plans.
- Benefit payments from plans to retirees, survivors, and terminating employees increased by 17% in 1998 to \$273.1 billion. Benefits paid out by DC plans increased 20% to \$161.9 billion and benefit payments from DB plans increased by 14% to \$111.2 billion.
- Contributions to DC plans increased by 13% in 1998 to \$166.9 billion while DB plan contributions increased by 17% to \$35.0 billion.
- Of total employer and employee contributions made to 401(k) type plans, employees made 67%. For workers participating only in a 401(k), employees contributed 63% of total contributions, and for workers participating in both a 401(k) plan and another plan sponsored by their employer employees contributed 71%.
- Contributions to 401(k) type plans increased by 16% in 1998 and benefit payments increased by 30%. Part of this increase is due to rollovers of pension benefits by employees from one plan to another or to IRAs. Seven percent (\$8.9 billion) of contributions to 401(k) plans were reported as contributions by others (neither employer or employee contributions). Contributions by others are generally rollover payments by new participants. Contributions by others amounted to \$6.4 billion in 1997.

SECTION A: SUMMARY

**Table A1. Number of Pension Plans, Total Participants, Active Participants,
Assets, Contributions, and Benefits
by type of plan, 1998**

Type of Plan	Number of Plans 1/	Total Participants (thousands) 2/	Active Participants (thousands) 3/	Total Assets (millions) 4/	Total Contributions (millions) 5/	Total Benefits (millions) 6/
TOTAL	730,031	99,455	73,328	\$4,021,849	\$201,886	\$273,115
Defined benefit	56,405	41,552	22,994	1,936,600	34,985	111,249
Defined contribution	673,626	57,903	50,335	2,085,250	166,900	161,866
Profit sharing and thrift-savings	542,869	48,488	42,402	1,764,380	147,465	137,145
Stock bonus	4,700	3,416	2,858	145,097	7,233	10,969
Target benefit	5,378	139	127	6,009	310	532
Money purchase	99,163	5,143	4,381	150,036	10,924	11,639
Annuity-403(b)(1)	15,185	91	87	677	98	53
Custodial account-403(b)(7)	1,599	6	5	99	7	6
IRAs or annuities (Code 408)	750	23	15	958	39	65
Other defined contribution	3,981	597	459	17,994	825	1,457

1/ Excludes plans covering only one participant.

2/ Includes active, retired, and separated vested participants not yet in pay status. The number of participants also includes double counting of workers in more than one plan.

3/ Active participants include any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Active participants also include nonvested former employees who have not yet incurred a break in service.

4/ Total asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total pension fund assets.

5/ Includes both employer and employee contributions.

6/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits paid directly by insurance carriers.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table A2. Number of Participants in Pension Plans
by type of plan entity, type of plan, and type of participant, 1998
(numbers in thousands)

Total Plans	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
Total Participants	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,807
Active Participants 3/	73,328	22,994	50,335	66,390	18,283	48,107	6,938	4,710	2,228
Fully Vested	50,606	13,139	35,468	45,965	12,557	33,408	4,641	2,582	2,060
Partially Vested	9,618	605	9,010	9,524	544	8,980	92	61	30
Nonvested	13,106	7,249	5,857	10,901	5,182	5,719	2,205	2,067	138
Retired or separated participants receiving benefits	9,860	9,213	647	7,434	6,829	606	2,426	2,385	41
Separated participants with vested right to benefits	16,267	9,346	6,921	14,106	7,522	6,583	2,161	1,823	338

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

3/ Plans with less than 100 participants are required to provide only the total participant count. For these plans, which cover approximately 10 percent of all participants, the distribution of active, retired and separated vested participants was assumed to be the same as for the larger plans in each column.

Note: Excludes plans covering only one participant

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table A3. Balance Sheet of Pension Plans
by type of plan, 1998
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
ASSETS			
Cash	\$105,215	\$29,902	\$75,314
Receivables	72,504	30,533	41,972
Corporate debt and equity instruments	1,051,018	455,167	595,851
U.S. Government securities	160,773	117,158	43,615
Real estate and mortgages (other than to participants)	16,018	10,873	5,146
Mortgage loans to participants	1,014	162	852
Other loans to participants	29,987	448	29,539
Other investments and assets 1/	2,584,736	1,292,075	1,292,660
Buildings and other property used in plan operations	584	282	302
TOTAL ASSETS	4,021,849	1,936,600	2,085,250
LIABILITIES			
Payables	17,206	10,804	6,402
Acquisition indebtedness	17,555	3,617	13,938
Other liabilities	49,027	26,515	22,512
TOTAL LIABILITIES	83,788	40,936	42,852
NET ASSETS	3,938,061	1,895,663	2,042,398

1/ This table summarizes assets that appear on both the Form 5500 (for plans with 100 or more participants) and Form 5500-C/R (for plans with fewer than 100 participants).

All line items that appear on the more detailed Form 5500, but not on the Form 5500-C/R balance sheet are grouped under "Other investments and assets". Most of the assets placed in this category are invested through various types of pooled funds, including common collective trusts, pooled separate accounts, master trusts, and registered investment companies.

NOTE: Total asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total pension fund assets.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table A4. Income Statement of Pension Plans
by type of plan, 1998
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
INCOME			
Contributions received or receivable from:			
Employers	\$100,284	\$33,503	\$66,780
Participants	89,735	682	89,053
Others	11,176	798	10,379
Noncash contributions	<u>690</u>	<u>2</u>	<u>688</u>
Total contributions	201,886	34,985	166,900
Investment earnings 1/	74,141	25,955	48,186
Net gain (loss) on sale of assets	41,304	21,326	19,978
Other or unspecified income 2/	<u>416,300</u>	<u>201,673</u>	<u>214,627</u>
TOTAL INCOME	733,631	283,940	449,691
EXPENSES			
Benefit payments and payments to provide benefits			
Direct benefits	264,936	107,831	157,105
Other benefits	<u>8,179</u>	<u>3,418</u>	<u>4,761</u>
Total payments	273,115	111,249	161,866
Total administrative expenses	9,932	7,083	2,849
Other or unspecified expenses	<u>3,985</u>	<u>276</u>	<u>3,709</u>
TOTAL EXPENSES	287,032	118,608	168,424
NET INCOME	446,599	165,332	281,267

1/ Includes interest earnings, dividends, and rents.

2/ Includes net gain (loss) from pooled funds, unrealized appreciation (depreciation) of assets, and miscellaneous other income items.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table A5. Amount of Assets in Pension Plans
by type of plan and method of funding, 1998**
(amounts in millions)

Method of Funding	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution

Funding arrangement for investment of assets

TOTAL	\$4,021,849	\$1,936,600	\$2,085,250	\$3,642,656	\$1,599,303	\$2,043,353	\$379,193	\$337,297	\$41,896
Trust	2,637,638	1,241,431	1,396,207	2,414,460	1,047,529	1,366,931	223,178	193,902	29,276
Insurance	5,500	2,543	2,957	5,461	2,525	2,936	39	18	21
Trust and insurance	1,378,016	692,618	685,398	1,222,040	549,240	672,800	155,976	143,377	12,599
Other	696	9	687	696	9	687	0	0	0

Funding arrangement for payment of benefits

TOTAL	\$4,021,849	\$1,936,600	\$2,085,250	\$3,642,656	\$1,599,303	\$2,043,353	\$379,193	\$337,297	\$41,896
Trust	2,905,509	1,343,169	1,562,340	2,630,061	1,102,534	1,527,527	275,448	240,635	34,813
Insurance	85,767	45,654	40,113	84,060	44,268	39,792	1,706	1,386	320
Trust and insurance	1,024,711	547,388	477,324	922,685	452,112	470,573	102,026	95,276	6,750
Other	5,863	389	5,473	5,850	389	5,460	13	0	13

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Total asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total pension fund assets.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table A6. Collective Bargaining Status of Pension Plans, Participants, and Assets
by type of plan, 1998**

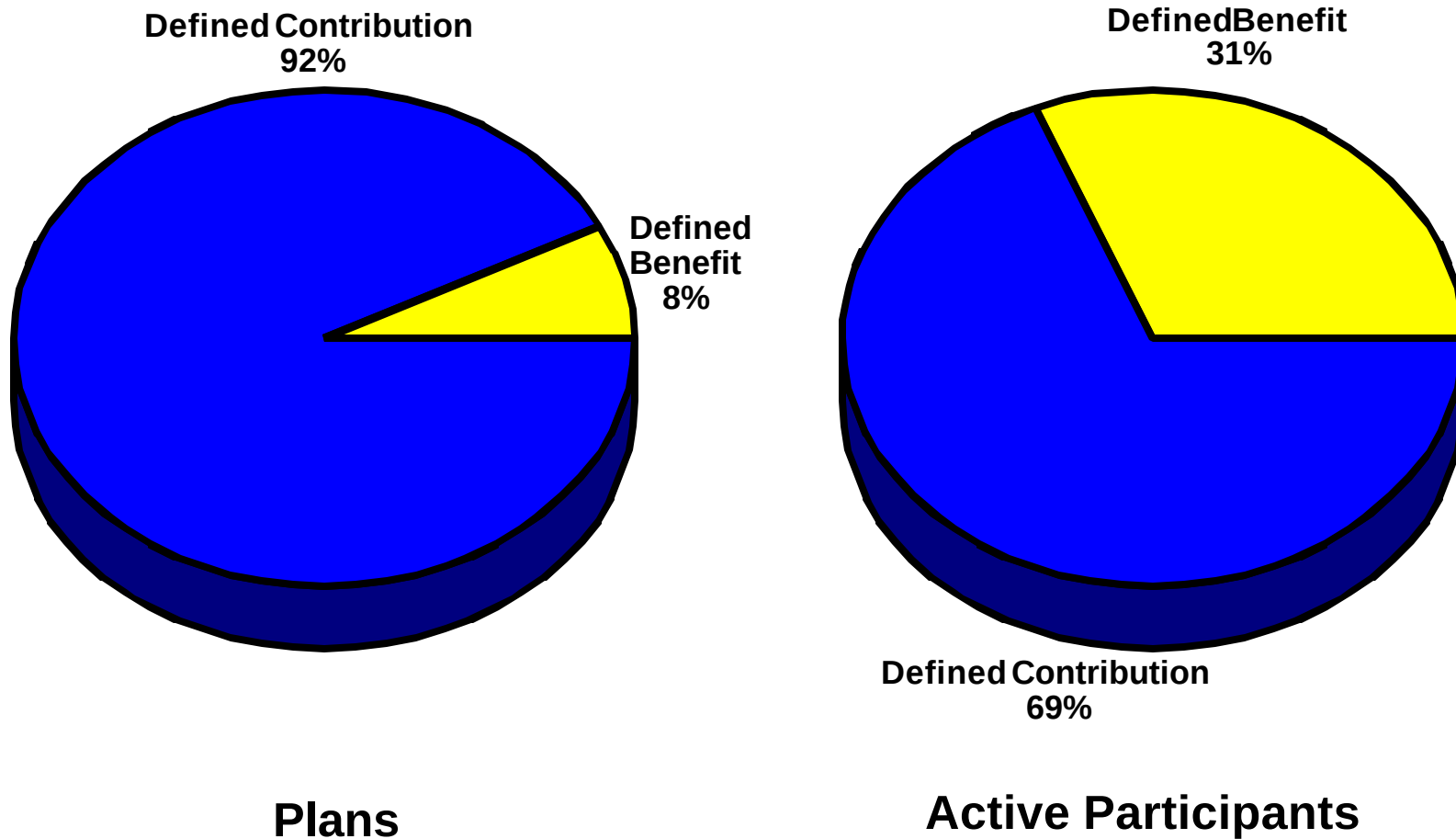
Collective Bargaining Status	Total Plans			Defined Benefit			Defined Contribution		
	Number of Plans	Total Participants (thousands)	Total Assets (millions) 1/	Number of Plans	Total Participants (thousands)	Total Assets (millions) 1/	Number of Plans	Total Participants (thousands)	Total Assets (millions) 1/
TOTAL	730,031	99,455	\$4,021,849	56,405	41,552	\$1,936,600	673,626	57,903	\$2,085,250
Collectively bargained plans	17,693	30,466	1,409,679	8,300	20,629	1,041,299	9,392	9,838	368,380
Noncollectively bargained plans	712,339	68,989	2,612,170	48,105	20,924	895,301	664,234	48,065	1,716,870

1/ Asset amounts shown exclude funds held by life insurance companies under allocated insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total pension fund assets.

NOTE: Some collectively bargained plans cover nonbargaining unit employees under a separate non-negotiated benefit structure.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

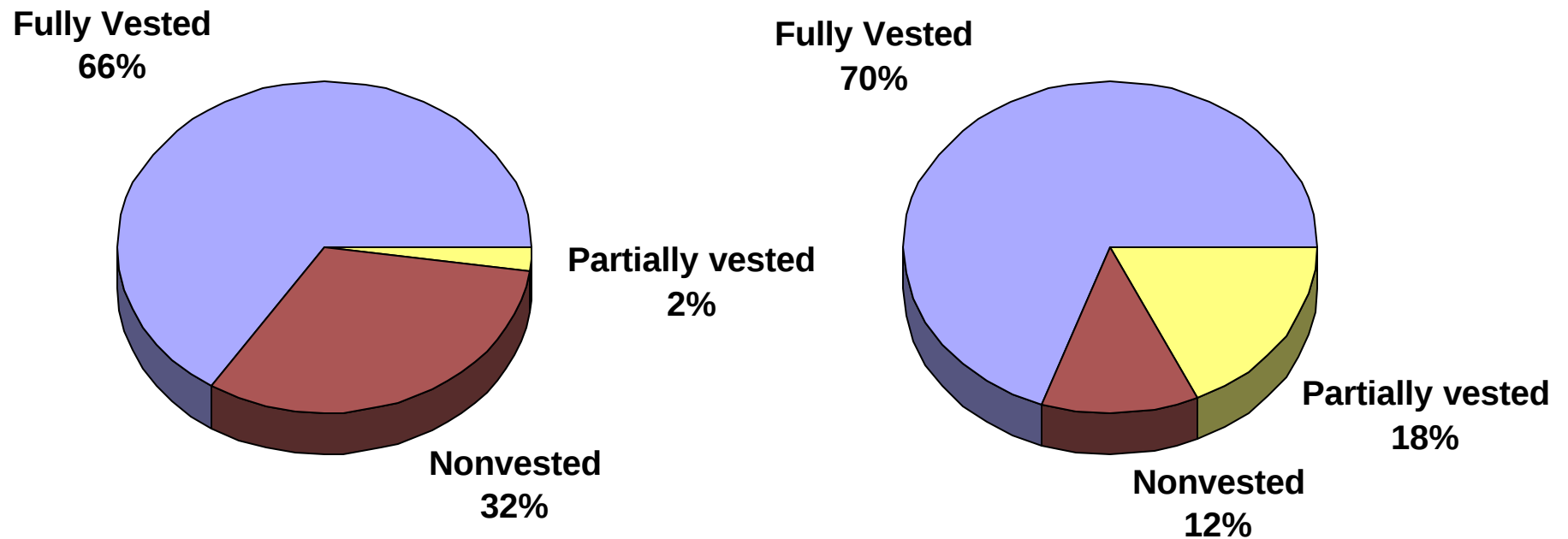
**Figure A1. Distribution of Pension Plans and Participants
by type of plan, 1998**



Reference: Table A1.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 199

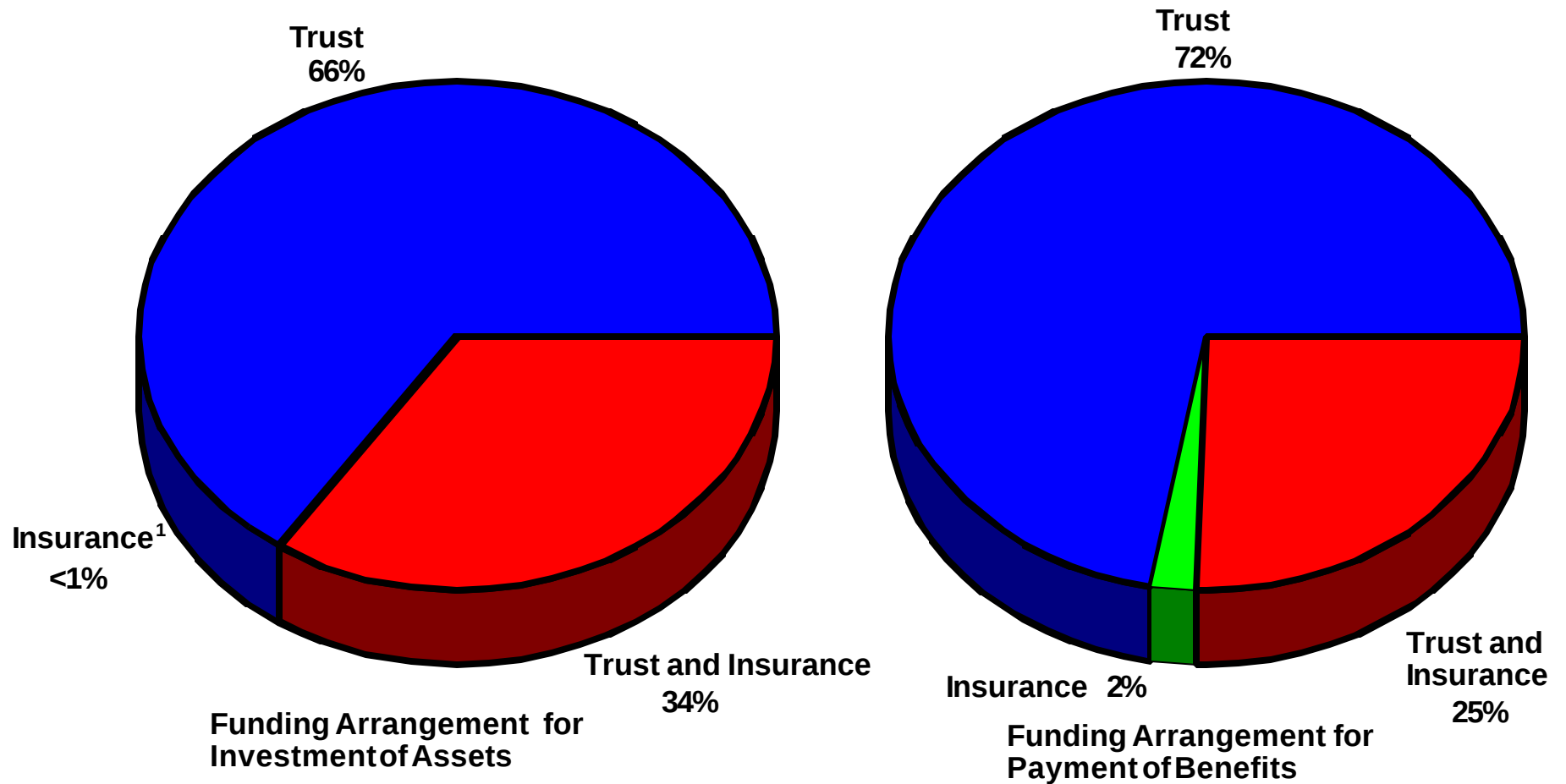
Figure A2. Active Participants in Pension Plans
by vesting status and type of plan, 1998



Reference: Table A2

Source: Form 5500 series reports filed with the Internal revenue Service for plan years beginning in 1998

Figure A3. Distribution of Assets
by method of funding, 1998



Reference: Table A5.

¹Less than one percent.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

SECTION B: PLANS AND PARTICIPANTS

**Table B1. Distribution of Pension Plans
by number of participants, 1998**

Number of Participants	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329
None or not reported	49,820	4,152	45,668	49,704	4,108	45,597	116	44	72
2-9	313,370	20,462	292,908	313,366	20,459	292,907	4	3	1
10-24	158,589	7,173	151,416	158,588	7,172	151,416	1	1	-
25-49	86,357	4,720	81,637	86,351	4,718	81,633	6	2	4
50-99	53,476	4,757	48,719	53,363	4,720	48,642	113	37	76
100-249	33,657	4,721	28,935	33,285	4,563	28,722	372	158	214
250-499	14,764	3,189	11,575	14,295	2,925	11,370	469	264	205
500-999	8,519	2,488	6,031	7,910	2,136	5,774	609	352	257
1,000-2,499	6,163	2,307	3,856	5,505	1,929	3,576	658	378	280
2,500-4,999	2,527	1,046	1,481	2,218	862	1,356	309	184	125
5,000-9,999	1,405	665	740	1,216	532	684	189	133	56
10,000-19,999	751	368	383	655	294	361	96	74	22
20,000-49,999	443	241	202	387	196	191	56	45	11
50,000 or more	190	116	74	153	85	68	37	31	6

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Excludes plans covering only one participant.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table B2. Distribution of Pension Plans
by amount of assets, 1998**

Amount of Assets	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329
None or not reported	80,962	13,956	67,006	80,888	13,921	66,967	73	34	39
\$1-24K	35,991	485	35,506	35,984	483	35,501	7	2	5
25-49K	36,917	574	36,343	36,910	573	36,337	7	1	6
50-99K	59,260	1,900	57,361	59,232	1,895	57,337	28	5	23
100-249K	118,992	4,348	114,644	118,963	4,342	114,621	29	6	23
250-499K	113,661	5,694	107,967	113,594	5,685	107,908	67	9	58
500-999K	111,608	7,373	104,234	111,549	7,362	104,186	59	11	48
1-2.4M	94,755	7,916	86,839	94,591	7,877	86,714	164	39	125
2.5-4.9M	36,779	3,806	32,973	36,468	3,703	32,765	311	103	208
5-9.9M	17,740	2,750	14,990	17,363	2,591	14,772	377	159	218
10-24.9M	11,703	2,711	8,992	11,162	2,400	8,762	541	311	230
25-49.9M	4,671	1,666	3,006	4,230	1,376	2,855	441	290	151
50-74.9M	1,915	782	1,133	1,684	625	1,059	231	157	74
75-99.9M	926	424	502	800	319	481	126	105	21
100-149.9M	1,123	483	640	972	369	603	151	114	37
150-199.9M	636	269	367	532	189	343	104	80	24
200-249.9M	410	205	205	355	162	193	55	43	12
250-499.9M	857	446	411	720	325	395	137	121	16
500-999.9M	536	286	250	481	239	242	55	47	8
1-2.49B	371	209	162	317	157	160	54	52	2
2.5B or more	217	122	95	200	105	95	17	17	-

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Excludes plans covering only one participant. The letters K, M, and B denote thousands, millions, and billions, respectively.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table B3. Distribution of Pension Plans
by industry, 1998**

Industry	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329
Agriculture	11,375	2,468	8,907	11,364	2,459	8,905	11	9	2
Mining	2,978	403	2,575	2,971	400	2,571	7	3	4
Construction	49,044	3,010	46,034	47,411	2,223	45,187	1,634	787	847
Manufacturing	91,737	12,040	79,697	91,478	11,862	79,615	260	178	82
Transportation	11,996	835	11,161	11,800	688	11,113	196	148	48
Utilities	2,332	515	1,817	2,330	514	1,816	2	1	1
Communications and information	12,724	1,525	11,199	12,683	1,500	11,183	41	25	16
Wholesale trade	45,626	2,819	42,806	45,574	2,782	42,791	52	37	15
Retail trade	53,491	2,310	51,181	53,397	2,231	51,166	94	79	15
Finance, insurance and real estate	59,762	6,239	53,523	59,435	6,043	53,392	327	196	131
Services	333,426	16,955	316,471	333,129	16,768	316,361	297	187	110
Tax-exempt organizations	22,850	5,954	16,896	22,792	5,920	16,872	58	34	24
Industry not reported	32,690	1,332	31,359	32,634	1,310	31,324	56	22	34

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

Industry classifications are now based on principal business activity code used in the North American Industry Classification System. Therefore, the results in this table may not be directly comparable with previous years.

NOTE: Excludes plans covering only one participant.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table B4. Distribution of Participants
by number of participants, 1998
(numbers in thousands)

Number of Participants	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607
2-9	1,437	86	1,351	1,437	86	1,351	0	0	0
10-24	2,495	112	2,383	2,495	112	2,383	0	0	-
25-49	2,998	167	2,830	2,997	167	2,830	0	0	0
50-99	3,750	353	3,397	3,741	351	3,391	9	2	6
100-249	5,337	787	4,550	5,274	759	4,515	63	28	35
250-499	5,161	1,145	4,016	4,988	1,046	3,941	173	99	75
500-999	5,959	1,768	4,191	5,523	1,515	4,008	436	253	183
1,000-2,499	9,576	3,617	5,960	8,507	3,005	5,501	1,069	611	458
2,500-4,999	8,777	3,638	5,139	7,710	3,007	4,703	1,067	631	436
5,000-9,999	9,853	4,665	5,188	8,554	3,739	4,815	1,299	926	373
10,000-19,999	10,417	5,135	5,282	9,087	4,115	4,972	1,330	1,020	310
20,000-49,999	13,662	7,354	6,308	11,978	5,993	5,985	1,683	1,361	322
50,000 or more	20,036	12,726	7,309	15,639	8,739	6,900	4,397	3,987	410

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table B5. Distribution of Participants
by amount of assets, 1998
(numbers in thousands)

Amount of Assets	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607
None or not reported	1,585	474	1,111	1,581	471	1,110	4	3	1
\$1-24K	290	8	282	290	8	282	0	0	0
25-49K	353	6	347	352	6	346	1	0	1
50-99K	702	23	679	695	22	673	7	1	6
100-249K	1,847	67	1,779	1,840	66	1,773	7	1	6
250-499K	2,269	116	2,154	2,245	112	2,132	25	3	21
500-999K	3,252	241	3,011	3,216	233	2,983	36	8	28
1-2.4M	5,236	560	4,675	5,143	547	4,596	93	14	79
2.5-4.9M	4,463	728	3,735	4,322	699	3,623	141	29	112
5-9.9M	5,029	1,168	3,860	4,714	1,085	3,629	315	83	232
10-24.9M	7,457	2,407	5,050	6,909	2,162	4,748	548	246	302
25-49.9M	6,179	2,387	3,793	5,425	2,013	3,413	754	374	380
50-74.9M	4,175	1,732	2,444	3,656	1,449	2,208	519	283	236
75-99.9M	2,804	1,283	1,521	2,457	1,017	1,440	347	266	81
100-149.9M	4,424	1,951	2,473	3,901	1,625	2,276	523	326	197
150-199.9M	3,339	1,433	1,906	2,721	1,054	1,667	618	379	239
200-249.9M	2,679	1,323	1,356	2,146	1,009	1,137	533	314	219
250-499.9M	7,738	4,188	3,550	6,446	3,072	3,374	1,292	1,116	176
500-999.9M	8,330	4,341	3,989	7,286	3,536	3,749	1,044	804	240
1-2.49B	10,878	6,337	4,541	8,935	4,444	4,491	1,943	1,893	50
2.5B or more	16,425	10,779	5,646	13,651	8,005	5,646	2,773	2,773	-

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTES: Excludes plans covering only one participant. The letters K, M, and B denote thousands, millions, and billions, respectively.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table B6. Distribution of Participants
by industry, 1998**
(numbers in thousands)

Industry	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607
Agriculture	647	233	414	601	200	400	46	32	14
Mining	709	307	402	701	303	398	9	4	5
Construction	5,597	2,663	2,933	1,659	169	1,490	3,937	2,495	1,443
Manufacturing	33,424	16,760	16,665	32,107	15,525	16,582	1,317	1,234	83
Transportation	5,018	2,514	2,504	3,591	1,211	2,382	1,427	1,303	124
Utilities	1,878	1,024	854	1,874	1,020	853	4	4	1
Communications and information	4,960	2,295	2,665	4,786	2,177	2,609	175	118	57
Wholesale trade	3,351	877	2,474	3,135	690	2,444	216	186	30
Retail trade	10,411	3,502	6,909	9,053	2,295	6,758	1,358	1,207	151
Finance, insurance and real estate	9,882	4,454	5,427	8,542	3,343	5,200	1,339	1,112	228
Services	21,053	6,252	14,801	19,659	5,171	14,487	1,394	1,080	314
Tax-exempt organizations	1,270	538	731	1,031	447	584	239	91	148
Industry not reported	1,255	133	1,122	1,193	82	1,111	62	51	11

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Industry classifications are now based on principal business activity code used in the North American Industry Classification System. Therefore, the results in this table may not be directly comparable with previous years.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table B7. Distribution of Active Participants
by type of plan, 1998 1/
(numbers in thousands)

Type of Plan	Total Plans	Single Employer Plans 2/	Multiemployer Plans 3/
TOTAL	73,328	66,390	6,938
Defined benefit	22,994	18,283	4,710
Defined contribution	50,335	48,107	2,228
Profit sharing and thrift-savings	42,402	41,885	517
Stock bonus	2,858	2,858	-
Target benefit	127	122	5
Money purchase	4,381	2,724	1,656
Annuity-403(b)(1)	87	78	9
Custodial account-403(b)7	5	5	-
IRAs or annuities (Code 408)	15	13	2
Other defined contribution	459	421	38

1/ Active participants include any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Active participants also include any nonvested former employees who have not yet incurred a break in service.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table B8. Number of Plans
by type of plan and method of funding, 1998**

Method of Funding	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
Funding arrangement for investment of assets									
TOTAL	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329
Trust	503,493	34,922	468,571	501,218	33,674	467,543	2,276	1,248	1,028
Insurance	13,475	1,207	12,268	13,468	1,204	12,264	7	3	4
Trust and insurance	166,216	10,393	155,822	165,474	9,939	155,535	742	454	288
Other	46,847	9,883	36,964	46,837	9,882	36,955	10	1	9
Funding arrangement for payment of benefits									
TOTAL	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329
Trust	483,385	34,961	448,424	480,950	33,604	447,345	2,435	1,357	1,078
Insurance	50,688	3,344	47,344	50,603	3,286	47,318	84	58	26
Trust and insurance	137,713	8,097	129,616	137,210	7,807	129,402	503	290	213
Other	58,246	10,003	48,243	58,234	10,002	48,232	12	1	11

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table B9. Number of Participants
by type of plan and method of funding, 1998
(numbers in thousands)

Method of Funding	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution

Funding arrangement for investment of assets

TOTAL	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607
Trust	65,521	27,543	37,978	58,184	22,260	35,925	7,337	5,283	2,054
Insurance	477	155	323	475	154	321	2	1	1
Trust and insurance	32,273	13,482	18,791	28,087	9,848	18,239	4,186	3,634	552
Other	1,184	373	811	1,184	373	811	0	0	0

Funding arrangement for payment of benefits

TOTAL	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607
Trust	70,858	29,488	41,370	62,245	23,138	39,107	8,613	6,350	2,263
Insurance	3,591	1,148	2,443	3,518	1,092	2,426	72	55	17
Trust and insurance	23,766	10,538	13,228	20,926	8,025	12,901	2,840	2,513	327
Other	1,241	378	862	1,240	378	862	-	0	-

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

SECTION C: FINANCIAL

**Table C1. Distribution of Assets
by number of participants, 1998**
(amounts in millions)

Number of Participants	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	4,021,849	1,936,600	2,085,250	3,642,656	1,599,303	2,043,353	379,193	337,297	41,896
None or not reported	18,859	13,056	5,803	18,509	12,986	5,523	350	70	280
2-9	134,226	11,646	122,580	134,183	11,603	122,580	43	43	3/
10-24	102,625	3,473	99,153	102,625	3,473	99,153	3/	3/	-
25-49	86,090	3,655	82,435	86,078	3,644	82,434	12	12	1
50-99	100,788	7,838	92,950	100,485	7,703	92,782	303	135	168
100-249	131,956	19,942	112,014	129,729	18,690	111,039	2,227	1,253	974
250-499	127,094	30,983	96,111	120,943	26,409	94,534	6,151	4,574	1,577
500-999	158,331	53,927	104,404	142,308	41,670	100,638	16,023	12,257	3,766
1,000-2,499	290,363	124,923	165,440	252,182	95,866	156,316	38,181	29,057	9,124
2,500-4,999	294,706	134,683	160,023	256,679	105,409	151,270	38,026	29,274	8,753
5,000-9,999	401,136	200,103	201,033	355,077	159,415	195,662	46,059	40,688	5,372
10,000-19,999	463,861	239,417	224,445	413,641	193,765	219,876	50,220	45,651	4,569
20,000-49,999	670,488	349,468	321,020	615,425	299,358	316,066	55,063	50,109	4,953
50,000 or more	1,041,325	743,485	297,840	914,791	619,311	295,480	126,534	124,174	2,361

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

3/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C2. Distribution of Assets
by asset size, 1998
(numbers in millions)

Amount of Assets	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	\$4,021,849	\$1,936,600	\$2,085,250	\$3,642,656	\$1,599,303	\$2,043,353	\$379,193	\$337,297	\$41,896
1-24K	425	5	419	424	5	419	3/	3/	3/
25-49K	1,369	20	1,349	1,369	20	1,348	3/	3/	3/
50-99K	4,387	148	4,239	4,385	147	4,237	2	3/	2
100-249K	19,915	743	19,172	19,910	742	19,168	5	1	4
250-499K	41,120	2,129	38,991	41,096	2,126	38,969	25	3	22
500-999K	79,787	5,320	74,466	79,743	5,312	74,431	44	8	36
1-2.4M	146,548	12,332	134,216	146,273	12,264	134,009	275	69	207
2.5-4.9M	127,474	13,690	113,783	126,310	13,312	112,998	1,164	379	785
5-9.9M	122,625	19,532	103,093	119,915	18,360	101,555	2,710	1,172	1,538
10-24.9M	182,213	43,763	138,450	173,365	38,569	134,796	8,848	5,193	3,654
25-49.9M	163,710	58,634	105,076	148,130	48,261	99,869	15,580	10,373	5,207
50-74.9M	117,188	48,102	69,086	103,040	38,441	64,599	14,148	9,661	4,487
75-99.9M	79,655	36,535	43,120	68,617	27,329	41,287	11,038	9,206	1,832
100-149.9M	136,079	58,230	77,850	117,856	44,362	73,494	18,223	13,868	4,355
150-199.9M	110,173	46,656	63,516	92,065	32,577	59,488	18,108	14,079	4,029
200-249.9M	91,742	46,079	45,663	79,429	36,446	42,984	12,313	9,634	2,679
250-499.9M	296,919	155,585	141,334	249,514	113,361	136,153	47,405	42,224	5,181
500-999.9M	371,224	198,888	172,336	332,869	166,160	166,709	38,355	32,728	5,627
1-2.49B	561,810	314,292	247,518	484,710	239,443	245,267	77,100	74,850	2,250
2.5B or more	1,367,486	875,914	491,572	1,253,636	762,064	491,572	113,850	113,850	-

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

3/ Less than \$500,000.

NOTE: Excludes plans covering only one participant. The letters K,M, and B denote thousands, millions, and billions, respectively.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C3. Distribution of Assets
by industry, 1998
(amounts in millions)

Industry	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
TOTAL	\$4,021,849	\$1,936,600	\$2,085,250	\$3,642,656	\$1,599,303	\$2,043,353	\$379,193	\$337,297	\$41,896
Agriculture	11,600	3,927	7,672	10,655	3,204	7,451	945	723	222
Mining	37,767	14,390	23,377	37,482	14,119	23,362	286	270	15
Construction	197,746	127,603	70,143	48,417	6,647	41,771	149,328	120,956	28,372
Manufacturing	1,659,700	879,838	779,862	1,630,415	851,331	779,084	29,285	28,507	777
Transportation	189,815	125,042	64,773	121,608	59,121	62,487	68,207	65,922	2,285
Utilities	168,822	108,250	60,572	168,762	108,208	60,553	60	42	18
Communications and Information	315,599	186,837	128,762	309,889	181,365	128,524	5,710	5,472	238
Wholesale trade	107,800	23,119	84,681	104,520	20,161	84,359	3,280	2,958	321
Retail trade	165,936	52,648	113,288	139,374	26,640	112,734	26,562	26,007	555
Finance, insurance and real estate	426,650	198,392	228,258	373,108	149,379	223,730	53,541	49,013	4,528
Services	674,629	187,747	486,882	641,687	158,406	483,281	32,942	29,341	3,601
Tax-exempt organizations	37,873	23,036	14,837	32,873	18,642	14,230	5,000	4,394	607
Industry not reported	27,913	5,771	22,142	23,866	2,080	21,786	4,047	3,691	356

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

Industry classifications are now based on principal business activity code used in the North American Industry Classification System.

Therefore, the results in this table may not be directly comparable with previous years.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C4. Balance Sheet of Pension Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
ASSETS			
Receivables			
Employer contributions	\$27,189	\$12,920	\$14,269
Participant contributions	1,971	66	1,904
Income receivables	5,167	3,643	1,524
Other receivables	26,593	12,935	13,659
Less allowance for doubtful accounts	<u>127</u>	<u>120</u>	<u>8</u>
Total receivables (net)	60,792	29,443	31,349
General investments			
Interest-bearing cash	69,980	24,420	45,560
Certificates of deposit	2,901	688	2,213
U.S. Government securities	141,000	115,602	25,398
Corporate debt instruments: Preferred	44,485	35,837	8,648
Corporate debt instruments: All other	75,581	61,852	13,728
Preferred stock	16,657	2,808	13,849
Common stock	446,084	334,956	111,128
Partnership/joint venture interests	11,545	10,744	801
Income-producing real estate	6,980	6,591	389
Nonincome-producing real estate	872	791	80
Residential loans (other than to participants) secured by mortgages	1,405	1,013	393
Commercial loans secured by mortgages	2,341	2,048	292
Mortgage loans to participants	714	147	567
Other loans to participants	24,750	193	24,557
Other loans	1,320	858	462

(continued...)

Table C4. Balance Sheet of Pension Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
Value of interest in common/collective trusts	\$308,988	\$193,907	\$115,081
Value of interest in pooled separate accounts	113,954	49,599	64,355
Value of interest in master trusts	1,258,973	876,309	382,664
Value of interest in 103-12 investment entities	6,994	3,252	3,741
Value of interest in registered investment companies	512,516	76,985	435,531
Value of funds held in insurance company general account	93,884	22,387	71,497
Other or unspecified general investments	<u>91,151</u>	<u>37,628</u>	<u>53,523</u>
Total general investments	3,233,074	1,858,616	1,374,458
Employer securities	280,210	6,977	273,233
Employer real property	1,154	42	1,112
Unspecified investments	945	126	819
Total noninterest-bearing cash	2,810	1,470	1,340
Buildings and other property used in plan operations	<u>275</u>	<u>256</u>	<u>19</u>
TOTAL ASSETS	3,579,261	1,896,931	1,682,330
LIABILITIES			
Benefit claims payable	4,468	794	3,674
Operating payables	11,965	9,835	2,130
Acquisition indebtedness	16,130	3,565	12,564
Other liabilities	<u>34,565</u>	<u>15,501</u>	<u>19,064</u>
TOTAL LIABILITIES	67,127	29,695	37,432
NET ASSETS	3,512,134	1,867,236	1,644,898

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C5. Balance Sheet of Single Employer Pension Plans with 100 or More Participants
by type of plan, 1998 1/
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
ASSETS			
Receivables			
Employer contributions	\$25,474	\$11,548	\$13,926
Participant contributions	1,948	59	1,889
Income receivables	3,558	2,194	1,364
Other receivables	24,739	11,190	13,548
Less allowance for doubtful accounts	6	3	4
Total receivables (net)	55,712	24,988	30,724
General investments			
Interest-bearing cash	58,309	14,529	43,780
Certificates of deposit	2,093	489	1,604
U.S. Government securities	75,361	57,714	17,647
Corporate debt instruments: Preferred	20,783	13,718	7,064
Corporate debt instruments: All other	47,857	37,076	10,781
Preferred stock	16,196	2,371	13,824
Common stock	312,533	208,496	104,038
Partnership/joint venture interests	10,207	9,431	776
Income-producing real estate	2,428	2,108	320
Nonincome-producing real estate	313	244	70
Residential loans (other than to participants) secured by mortgages	942	592	350
Commercial loans secured by mortgages	456	262	194
Mortgage loans to participants	602	48	554
Other loans to participants	24,352	138	24,215
Other loans	804	389	415

(continued...)

Table C5. Balance Sheet of Single Employer Pension Plans with 100 or More Participants
by type of plan, 1998 1/
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
Value of interest in common/collective trusts	\$260,734	\$149,738	\$110,995
Value of interest in pooled separate accounts	107,594	44,581	63,012
Value of interest in master trusts	1,257,692	875,441	382,251
Value of interest in 103-12 investment entities	4,954	2,149	2,805
Value of interest in registered investment companies	492,423	62,767	429,656
Value of funds held in insurance company general account	86,118	17,281	68,836
Other or unspecified general investments	<u>78,355</u>	<u>27,675</u>	<u>50,680</u>
Total general investments	2,861,104	1,527,238	1,333,866
Employer securities	279,719	6,493	273,227
Employer real property	1,153	41	1,112
Unspecified investments	808	126	683
Total noninterest-bearing cash	2,262	1,004	1,258
Buildings and other property used in plan operations	<u>18</u>	<u>5</u>	<u>13</u>
TOTAL ASSETS	3,200,776	1,559,894	1,640,882
LIABILITIES			
Benefit claims payable	4,297	688	3,609
Operating payables	10,987	8,917	2,070
Acquisition indebtedness	15,619	3,059	12,560
Other liabilities	<u>31,160</u>	<u>12,359</u>	<u>18,801</u>
TOTAL LIABILITIES	62,063	25,023	37,040
NET ASSETS	3,138,713	1,534,871	1,603,842

1/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C6. Balance Sheet of Multiemployer Pension Plans with 100 or More Participants
by type of plan, 1998 1/
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
ASSETS			
Receivables			
Employer contributions	\$1,715	\$1,372	\$343
Participant contributions	22	7	15
Income receivables	1,609	1,449	160
Other receivables	1,855	1,744	111
Less allowance for doubtful accounts	<u>121</u>	<u>117</u>	<u>4</u>
Total receivables (net)	5,080	4,455	625
General investments			
Interest-bearing cash	11,672	9,891	1,781
Certificates of deposit	807	198	609
U.S. Government securities	65,639	57,888	7,751
Corporate debt instruments: Preferred	23,702	22,119	1,583
Corporate debt instruments: All other	27,724	24,777	2,947
Preferred stock	461	436	25
Common stock	133,550	126,460	7,091
Partnership/joint venture interests	1,338	1,313	25
Income-producing real estate	4,552	4,483	69
Nonincome-producing real estate	558	547	11
Residential loans (other than to participants) secured by mortgages	464	420	43
Commercial loans secured by mortgages	1,885	1,786	99
Mortgage loans to participants	112	99	13
Other loans to participants	398	55	343
Other loans	517	469	48

(continued...)

Table C6. Balance Sheet of Multiemployer Pension Plans with 100 or More Participants
by type of plan, 1998 1/
(amounts in millions)

Type of Asset or Liability	Total	Defined Benefit	Defined Contribution
Value of interest in common/collective trusts	\$48,254	\$44,169	\$4,086
Value of interest in pooled separate accounts	6,361	5,018	1,343
Value of interest in master trusts	1,281	868	413
Value of interest in 103-12 investment entities	2,040	1,104	936
Value of interest in registered investment companies	20,093	14,218	5,875
Value of funds held in insurance company general account	7,766	5,106	2,660
Other or unspecified general investments	<u>12,795</u>	<u>9,953</u>	<u>2,843</u>
Total general investments	371,970	331,378	40,592
Employer securities	491	484	6
Employer real property	2	2	2/
Unspecified investments	137	2/	137
Total noninterest-bearing cash	548	467	81
Buildings and other property used in plan operations	<u>257</u>	<u>251</u>	<u>6</u>
TOTAL ASSETS	378,485	337,037	41,448
LIABILITIES			
Benefit claims payable	171	106	65
Operating payables	978	918	60
Acquisition indebtedness	510	506	4
Other liabilities	<u>3,405</u>	<u>3,142</u>	<u>263</u>
TOTAL LIABILITIES	5,064	4,672	392
NET ASSETS	373,421	332,365	41,056

1/ Includes multiemployer plans and multiple-employer collectively bargained plans.

2/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C7. Percentage Distribution of Assets in Defined Benefit Plans
with 100 or More Participants
by type of asset and size of plan, 1998**

Type of Asset	Total	\$1-.9M	\$1.0M-9.9M	\$10.0M- 249.9M	\$250.0M- 999.9M	\$1.0B or More
TOTAL ASSETS	100%	100%	100%	100%	100%	100%
Cash	1	9	4	2	2	1
Receivables	2	3	2	1	1	2
U.S. Government securities	6	5	7	8	7	5
Corporate debt instruments: Preferred	2	4	2	2	2	2
Corporate debt instruments: All other	3	3	3	5	4	3
Corporate stocks	18	11	14	22	20	16
Real estate and mortgages (other than to participants)	1	1/	1/	1/	1	1
Nonmortgage loans to participants	1/	1/	1/	1/	1/	1/
Value of interest in common/collective trusts	10	5	10	9	6	12
Value of interest in pooled separate accounts	3	5	10	4	3	2
Value of interest in master trusts	46	19	20	31	46	51
Value of interest in registered investment companies	4	17	16	9	4	2
Value of funds held in insurance company general account	1	12	8	2	1	1
Employer securities	1/	1/	1/	1/	1/	1/
Other investments	3	8	4	3	3	3

1/ Less than one percent.

NOTE: The letters M and B in the column headings denote millions and billions, respectively. Percentage distribution may not add up to 100 because of rounding.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C8. Percentage Distribution of Assets in Defined Contribution Plans
with 100 or More Participants
by type of asset and size of plan, 1998**

Type of Asset	Total	\$1-.9M	\$1.0M-9.9M	\$10.0M- 249.9M	\$250.0M- 999.9M	\$1.0B or More
TOTAL ASSETS	100%	100%	100%	100%	100%	100%
Cash	3	5	4	3	2	3
Receivables	2	5	2	2	1	2
U.S. Government securities	2	1	2	2	1	1
Corporate debt instruments: Preferred	1	3	2	1	1/	1/
Corporate debt instruments: All other	1	1	1	1	1	1
Corporate stocks	7	3	6	8	7	8
Real estate and mortgages (other than to participants)	1/	1/	1/	1/	1/	1/
Nonmortgage loans to participants	1	1	2	2	2	1
Value of interest in common/collective trusts	7	4	7	9	8	5
Value of interest in pooled separate accounts	4	26	19	6	1	1
Value of interest in master trusts	23	1	2	10	24	35
Value of interest in registered investment companies	26	28	37	40	28	13
Value of funds held in insurance company general account	4	6	7	5	5	4
Employer securities	16	2	3	9	16	24
Other investments	4	14	8	3	3	3

1/ Less than one percent.

NOTE: The letters M and B in the column headings denote millions and billions, respectively. Percentage distribution may not add up to 100 because of rounding.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table C9. Income Statement of Pension Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
INCOME			
Contributions received or receivable from:			
Employers	\$77,787	\$31,626	\$46,161
Participants	77,545	658	76,886
Others	7,742	772	6,971
Noncash contributions	<u>631</u>	<u>1</u>	<u>630</u>
Total contributions	163,705	33,057	130,649
Interest earnings:			
Interest-bearing cash	5,480	2,336	3,144
Certificates of deposit	181	52	130
U.S Government securities	7,295	5,975	1,320
Corporate debt instruments	6,261	5,387	874
Mortgage loans	297	221	75
Other loans	1,478	79	1,399
Other or unspecified interest	<u>11,730</u>	<u>4,123</u>	<u>7,607</u>
Total interest earnings	32,722	18,173	14,549
Dividends:			
Preferred stock	1,763	302	1,461
Common stock	<u>16,593</u>	<u>5,384</u>	<u>11,208</u>
Total dividend income	18,356	5,686	12,669
Rents	379	302	77
Net gain (loss) on sale of assets	34,043	20,515	13,528
Unrealized appreciation (depreciation) of assets	106,324	43,558	62,766
Net investment gain (loss) from common/collective trusts	37,112	24,420	12,692
Net investment gain (loss) from pooled separate accounts	13,902	6,035	7,867
Net investment gain (loss) from master trusts	163,661	112,952	50,709

(continued...)

Table C9. Income Statement of Pension Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
Net investment gain (loss) from 103-12 investment entities	\$833	\$286	\$548
Net investment gain (loss) from registered investment companies	56,357	5,508	50,850
Other or unspecified income	<u>7,207</u>	<u>2,078</u>	<u>5,129</u>
TOTAL INCOME	634,602	272,570	362,031
EXPENSES			
Benefit payments and payments to provide benefits:			
Direct benefits	219,946	100,385	119,561
Payments to insurance carriers	2,100	1,798	302
Other benefits	<u>2,368</u>	<u>703</u>	<u>1,665</u>
Total payments	224,414	102,886	121,528
Interest expense	1,910	23	1,887
Administrative expenses:			
Salaries and allowances	327	242	85
Accounting fees	167	92	75
Actuarial fees	458	441	17
Contract administrator fees	696	478	218
Investment advisory and management fees	3,690	3,108	583
Legal fees	152	119	33
Valuation/appraisal fees	16	8	8
Trustee fees/expenses	612	385	227
Other administrative expenses	<u>2,436</u>	<u>1,828</u>	<u>607</u>
Total administrative expenses	8,554	6,701	1,854
Other or unspecified expenses	<u>57</u>	<u>1</u>	<u>56</u>
TOTAL EXPENSES	234,935	109,611	125,324
NET INCOME	399,667	162,959	236,707

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C10. Income Statement of Single Employer Pension Plans
with 100 or More Participants
by type of plan, 1998**
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
INCOME			
Contributions received or receivable from:			
Employers	\$63,734	\$20,960	\$42,774
Participants	77,166	617	76,546
Others	7,716	757	6,959
Noncash contributions	<u>631</u>	<u>1</u>	<u>630</u>
Total contributions	149,244	22,335	126,909
Interest earnings:			
Interest-bearing cash	4,549	1,516	3,033
Certificates of deposit	121	33	88
U.S Government securities	3,495	2,618	877
Corporate debt instruments	3,144	2,536	609
Mortgage loans	122	59	63
Other loans	1,436	60	1,375
Other or unspecified interest	<u>10,270</u>	<u>2,949</u>	<u>7,321</u>
Total interest earnings	23,138	9,771	13,367
Dividends:			
Preferred stock	1,697	239	1,457
Common stock	<u>14,572</u>	<u>3,540</u>	<u>11,032</u>
Total dividend income	16,268	3,779	12,489
Rents	156	81	75
Net gain (loss) on sale of assets	25,669	12,554	13,115
Unrealized appreciation (depreciation) of assets	93,419	31,388	62,030
Net investment gain (loss) from common/collective trusts	32,447	20,114	12,333
Net investment gain (loss) from pooled separate accounts	13,327	5,576	7,750
Net investment gain (loss) from master trusts	163,539	112,851	50,689

(continued...)

**Table C10. Income Statement of Single Employer Pension Plans
with 100 or More Participants
by type of plan, 1998**
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
Net investment gain (loss) from 103-12 investment entities	\$637	\$192	\$445
Net investment gain (loss) from registered investment companies	55,036	4,648	50,389
Other or unspecified income	<u>6,759</u>	<u>1,685</u>	<u>5,074</u>
TOTAL INCOME	579,638	224,975	354,664
EXPENSES			
Benefit payments and payments to provide benefits:			
Direct benefits	200,412	82,841	117,570
Payments to insurance carriers	2,015	1,748	267
Other benefits	<u>2,309</u>	<u>669</u>	<u>1,640</u>
Total payments	204,736	85,258	119,477
Interest expense	1,908	21	1,887
Administrative expenses:			
Salaries and allowances	139	69	70
Accounting fees	115	51	64
Actuarial fees	388	375	13
Contract administrator fees	491	303	189
Investment advisory and management fees	2,588	2,101	487
Legal fees	45	26	20
Valuation/appraisal fees	14	7	8
Trustee fees/expenses	587	364	223
Other administrative expenses	<u>2,027</u>	<u>1,471</u>	<u>556</u>
Total administrative expenses	6,395	4,765	1,630
Other or unspecified expenses	<u>57</u>	<u>1</u>	<u>56</u>
TOTAL EXPENSES	213,096	90,046	123,050
NET INCOME	366,542	134,928	231,614

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C11. Income Statement of Multiemployer Pension Plans
with 100 or More Participants
by type of plan, 1998**
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
INCOME			
Contributions received or receivable from:			
Employers	\$14,053	\$10,666	\$3,388
Participants	382	41	341
Others	26	15	11
Noncash contributions	<u>1/</u>	<u>1/</u>	<u>1/</u>
Total contributions	14,462	10,722	3,739
Interest earnings:			
Interest-bearing cash	931	820	110
Certificates of deposit	60	19	41
U.S. Government securities	3,800	3,357	443
Corporate debt instruments	3,116	2,851	265
Mortgage loans	174	162	12
Other loans	43	19	24
Other or unspecified interest	<u>1,461</u>	<u>1,174</u>	<u>287</u>
Total interest earnings	9,585	8,402	1,182
Dividends:			
Preferred stock	66	63	4
Common stock	<u>2,021</u>	<u>1,844</u>	<u>177</u>
Total dividend income	2,087	1,907	180
Rents	223	221	2
Net gain (loss) on sale of assets	8,374	7,961	413
Unrealized appreciation (depreciation) of assets	12,906	12,170	736
Net investment gain (loss) from common/collective trusts	4,665	4,305	360
Net investment gain (loss) from pooled separate accounts	575	458	117
Net investment gain (loss) from master trusts	122	102	20

(continued...)

**Table C11. Income Statement of Multiemployer Pension Plans
with 100 or More Participants
by type of plan, 1998**
(amounts in millions)

Income and Expenses	Total	Defined Benefit	Defined Contribution
Net investment gain (loss) from 103-12 investment entities	\$197	\$94	\$103
Net investment gain (loss) from registered investment companies	1,321	860	461
Other or unspecified income	<u>448</u>	<u>393</u>	<u>55</u>
TOTAL INCOME	54,964	47,596	7,368
EXPENSES			
Benefit payments and payments to provide benefits:			
Direct benefits	19,535	17,544	1,991
Payments to insurance carriers	85	50	34
Other benefits	<u>59</u>	<u>34</u>	<u>25</u>
Total payments	19,678	17,628	2,050
Interest expense	2	2	1/
Administrative expenses:			
Salaries and allowances	188	173	15
Accounting fees	53	42	11
Actuarial fees	70	66	4
Contract administrator fees	205	175	29
Investment advisory and management fees	1,102	1,006	96
Legal fees	107	93	14
Valuation/appraisal fees	1	1	1/
Trustee fees/expenses	25	21	3
Other administrative expenses	<u>408</u>	<u>357</u>	<u>51</u>
Total administrative expenses	2,159	1,935	224
TOTAL EXPENSES	21,839	19,565	2,274
NET INCOME	33,125	28,031	5,094

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C12. Percentage Distribution of Income of Defined Benefit Plans
with 100 or More Participants
by source of income and size of plan, 1998**

Income and Expenses	Total	\$1-.9M	\$1.0M-9.9M	\$10.0M-249.9M	\$250.0M-999.9M	\$1.0B or More
TOTAL INCOME	100%	100%	100%	100%	100%	100%
Contributions received or receivable from:						
Employers	12	61	30	16	12	10
Participants	1/	1/	1/	1/	1/	1/
Others	<u>1/</u>	<u>2</u>	<u>1/</u>	<u>1</u>	<u>1/</u>	<u>1/</u>
Total contributions	12	65	32	17	13	10
Interest earnings:						
Interest-bearing cash	1	2	2	2	1	1
Certificates of deposit	1/	1/	1/	1/	1/	1/
U.S. Government securities	2	1	2	3	3	2
Corporate debt instruments	2	1	1	2	2	2
Mortgage loans	1/	1/	1/	1/	1/	1/
Other loans	1/	1/	1/	1/	1/	1/
Other or unspecified interest	<u>2</u>	<u>3</u>	<u>4</u>	<u>2</u>	<u>2</u>	<u>1</u>
Total interest earnings	7	7	10	9	8	5
Total dividend income	2	2	2	3	2	2
Net gain (loss) on sale of assets	8	3	7	11	10	6
Unrealized appreciation (depreciation) of assets	16	4	11	17	16	16
Net investment gain (loss) from common/collective trusts	9	2	6	6	4	11
Net investment gain (loss) from pooled separate accounts	2	2	6	3	3	2
Net investment gain (loss) from master trusts	41	7	14	26	41	47
Net investment gain (loss) from registered investment companies	2	5	8	5	3	1
Other or unspecified income	1	4	3	1	1	1

1/ Less than one percent.

NOTES: Percentage distributions may not add to 100 because of rounding.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table C13. Percentage Distribution of Income of Defined Contribution Plans
with 100 or More Participants
by source of income and size of plan, 1998**

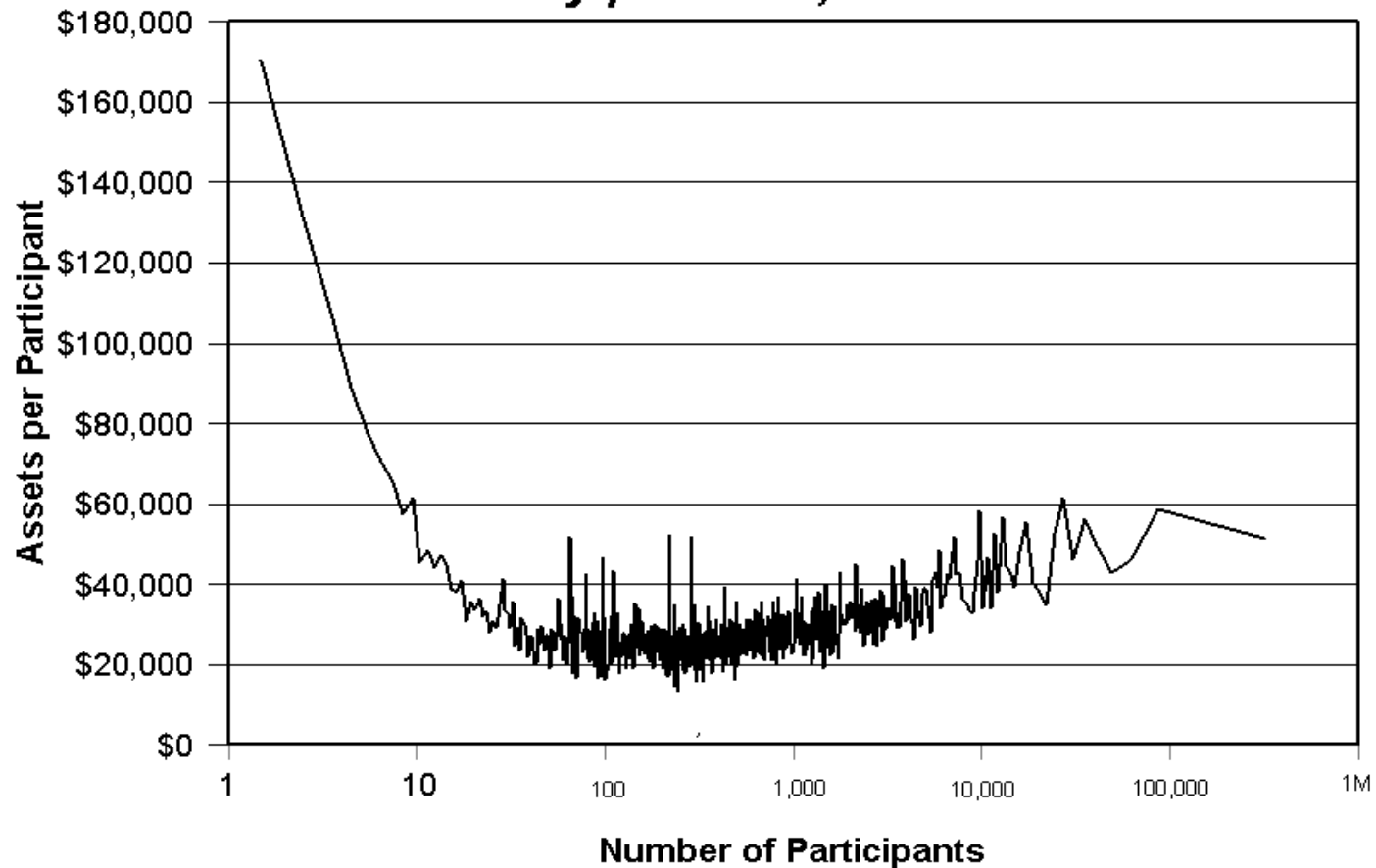
Income and Expenses	Total	\$1-.9M	\$1.0M-9.9M	\$10.0M- 249.9M	\$250.0M- 999.9M	\$1.0B or More
TOTAL INCOME	100%	100%	100%	100%	100%	100%
Contributions received or receivable from:						
Employers	13	27	19	17	14	7
Participants	21	51	34	25	21	16
Others	<u>2</u>	<u>4</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>1</u>
Total contributions	36	82	58	45	38	24
Interest earnings:						
Interest-bearing cash	1	1	1	1	1	1/
Certificates of deposit	1/	1/	1/	1/	1/	1/
U.S. Government securities	1/	1/	1/	1	1/	1/
Corporate debt instruments	1/	1/	1/	1/	1/	1/
Mortgage loans	1/	1/	1/	1/	1/	1/
Other loans	1/	1/	1/	1/	1/	1/
Other or unspecified interest	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
Total interest earnings	4	2	4	5	5	3
Total dividend income	3	1	1	3	4	4
Net gain (loss) on sale of assets	4	1/	2	3	4	4
Unrealized appreciation (depreciation) of assets	17	1/	4	8	13	29
Net investment gain (loss) from common/collective trusts	4	1	2	4	5	3
Net investment gain (loss) from pooled separate accounts	2	7	9	3	1	1
Net investment gain (loss) from master trusts	14	1/	1	5	13	23
Net investment gain (loss) from registered investment companies	14	6	15	21	17	8
Other or unspecified income	2	1	4	2	1	1

1/ Less than one percent.

NOTES: Percentage distributions may not add to 100 because of rounding.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

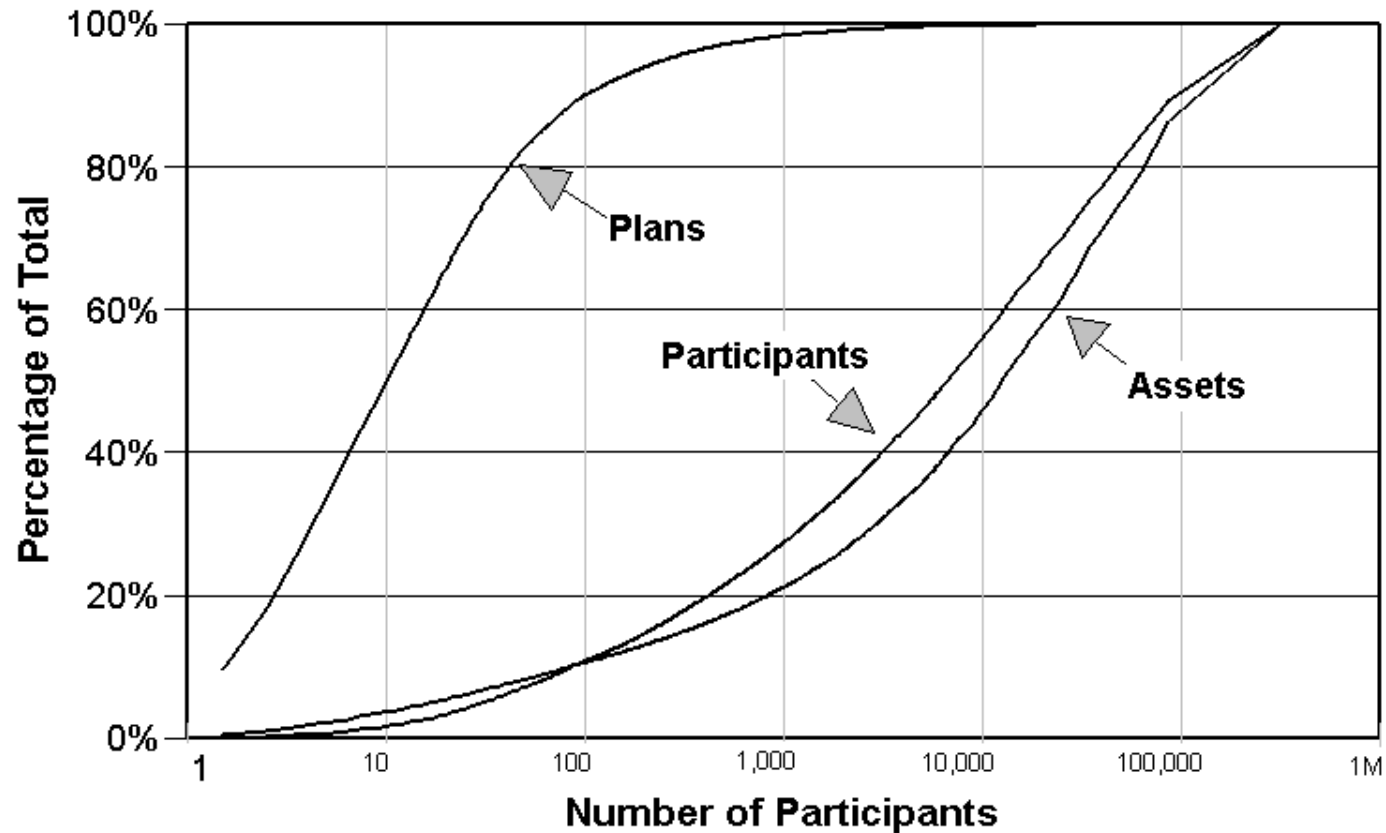
Figure C1. Average Assets per Participant
by plan size, 1998



Note: Each point shows the average assets per participant among plans reporting specific numbers of participants. For plans having more than 309 participants, averages are computed over participation intervals just wide enough to include at least 60 plans.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Figure C2. Distribution of Pension Plans,
Participants, and Assets**
by plan size, 1998



Note: Lines show the percentage of plans, participants, and assets reported by plans having less than or equal to the number of participants shown on the horizontal axis. Includes plans reporting 2 or more participants only.

Source: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

SECTION D: DEFINED CONTRIBUTION PLANS

Table D1. Balance Sheet of Defined Contribution Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Type of Asset or Liability	Total Defined Contribution Plans	Profit Sharing and Thrift-Savings Plans	Stock Bonus Plans	Target Benefit Plans	Money Purchase Plans	Other Defined Contribution Plans
ASSETS						
Receivables						
Employer contributions	\$14,269	\$11,996	\$820	\$45	\$1,340	\$67
Participant contributions	1,904	1,792	31	5	18	59
Income receivables	1,524	1,163	96	3	209	53
Other receivables	13,659	12,903	349	1/	381	26
Less allowance for doubtful accounts	<u>8</u>	<u>3</u>	<u>1/</u>	<u>1/</u>	<u>5</u>	<u>1/</u>
Total receivables (net)	31,349	27,852	1,296	53	1,943	204
General investments						
Interest-bearing cash	45,560	39,364	2,653	39	2,998	507
Certificates of deposit	2,213	1,326	21	1	850	15
U.S. Government securities	25,398	15,322	560	106	8,527	883
Corporate debt instruments: Preferred	8,648	6,434	168	14	1,738	293
Corporate debt instruments: All other	13,728	9,209	462	55	3,578	425
Preferred stock	13,849	4,157	8,641	1	181	869
Common stock	111,128	79,174	15,415	240	13,175	3,124
Partnership/joint venture interests	801	633	4	13	115	36
Income-producing real estate	389	294	2	1/	89	3
Nonincome-producing real estate	80	70	1/	1/	7	3
Residential loans (other than to participants) secured by mortgages	393	342	1	1/	44	6
Commercial loans secured by mortgages	292	185	0	1/	104	4
Mortgage loans to participants	567	542	6	1/	19	1
Other loans to participants	24,557	22,753	1,285	6	481	32
Other loans	462	443	2	1/	17	1/

(continued...)

Table D1. Balance Sheet of Defined Contribution Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Type of Asset or Liability	Total Defined Contribution Plans	Profit Sharing and Thrift- Savings Plans	Stock Bonus Plans	Target Benefit Plans	Money Purchase Plans	Other Defined Contribution Plans
Value of interest in common/collective trusts	\$115,081	\$105,273	\$3,191	\$119	\$5,914	\$585
Value of interest in pooled separate accounts	64,355	59,866	195	40	4,089	165
Value of interest in master trusts	382,664	338,373	31,655	1,153	11,165	319
Value of interest in 103-12 investment entities	3,741	3,320	1	0	421	0
Value of interest in registered investment companies	435,531	401,568	10,063	544	21,581	1,775
Value of funds held in insurance company general account	71,497	63,294	1,580	15	6,157	451
Other or unspecified general investments	53,253	45,275	3,683	36	3,654	876
Total general investments	1,374,458	1,197,216	79,586	2,382	84,904	10,370
Employer securities	273,233	206,869	58,245	11	2,164	5,944
Employer real property	1,112	382	730	0	0	0
Unspecified investments	819	537	1/	1/	239	43
Total noninterest-bearing cash	1,340	1,142	60	2	108	28
Buildings and other property used in plan operations	19	2	1/	1/	5	12
TOTAL ASSETS	1,682,330	1,434,001	139,917	2,447	89,363	16,602
LIABILITIES						
Benefit claims payable	3,674	2,783	558	5	230	99
Operating payables	2,130	1,641	412	1/	61	16
Acquisition indebtedness	12,564	5,021	6,918	0	114	512
Other liabilities	19,064	13,241	4,963	3	424	432
TOTAL LIABILITIES	37,432	22,686	12,851	8	828	1,059
NET ASSETS	1,644,898	1,411,315	127,066	2,439	88,534	15,543

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D2. Income Statement of Defined Contribution Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Income and Expenses	Total Defined Contribution Plans	Profit Sharing and Thrift- Savings Plans	Stock Bonus Plans	Target Benefit Plans	Money Purchase Plans	Other Defined Contribution Plans
INCOME						
Contributions received or receivable from:						
Employers	\$46,161	\$35,684	\$3,619	\$124	\$6,259	\$476
Participants	76,886	73,106	2,883	13	667	217
Others	6,971	6,756	142	1	58	15
Noncash contributions	<u>630</u>	<u>473</u>	<u>145</u>	<u>1/</u>	<u>8</u>	<u>5</u>
Total contributions	130,649	116,019	6,788	138	6,992	712
Interest earnings:						
Interest-bearing cash	3,144	2,711	126	4	246	56
Certificates of deposit	130	77	9	1/	43	1/
U.S. Government securities	1,320	722	4	6	537	51
Corporate debt instruments	874	571	3	3	268	28
Mortgage loans	75	57	1	1/	13	4
Other loans	1,399	1,302	66	1/	29	2
Other or unspecified interest	<u>7,607</u>	<u>6,783</u>	<u>200</u>	<u>2</u>	<u>572</u>	<u>51</u>
Total interest earnings	14,549	12,224	409	16	1,708	192
Dividends:						
Preferred stock	1,461	804	585	1/	34	38
Common stock	<u>11,208</u>	<u>9,589</u>	<u>1,087</u>	<u>7</u>	<u>410</u>	<u>115</u>
Total dividend income	12,669	10,393	1,673	7	444	152
Rents	77	68	1/	1/	5	4
Net gain (loss) on sale of assets	13,528	10,983	1,599	3	754	189
Unrealized appreciation (depreciation) of assets	62,766	57,186	2,562	17	1,943	1,058
Net investment gain (loss) from common/collective trusts	12,692	11,748	332	13	548	51
Net investment gain (loss) from pooled separate accounts	7,867	7,354	41	4	451	18
Net investment gain (loss) from master trusts	50,709	41,986	7,314	93	1,211	105

(continued...)

Table D2. Income Statement of Defined Contribution Plans with 100 or More Participants
by type of plan, 1998
(amounts in millions)

Income and Expenses	Total Defined Contribution Plans	Profit Sharing and Thrift- Savings Plans	Stock Bonus Plans	Target Benefit Plans	Money Purchase Plans	Other Defined Contribution Plans
Net investment gain (loss) from 103-12 investment entities	\$548	\$492	1/	1/	\$55	1/
Net investment gain (loss) from registered investment companies	50,850	47,169	1,251	67	2,217	146
Other or unspecified income	<u>5,129</u>	<u>4,615</u>	<u>139</u>	<u>1</u>	<u>305</u>	<u>69</u>
TOTAL INCOME	362,031	320,236	22,108	359	16,633	2,696
EXPENSES						
Benefit payments and payments to provide benefits:						
Direct benefits	119,561	103,542	9,475	150	5,425	968
Payments to insurance carriers	302	135	2	2	144	20
Other benefits	<u>1,665</u>	<u>1,373</u>	<u>111</u>	<u>1</u>	<u>165</u>	<u>16</u>
Total payments	121,528	105,049	9,588	153	5,734	1,003
Interest expense	1,887	865	954	0	7	62
Administrative expenses:						
Salaries and allowances	85	49	1	1/	24	10
Accounting fees	75	61	1	1/	11	1
Actuarial fees	17	10	1/	1/	3	4
Contract administrator fees	218	173	8	1/	32	6
Investment advisory and management fees	583	430	12	2	119	19
Legal fees	33	19	1	1/	11	2
Valuation/appraisal fees	8	6	1	1/	1/	1/
Trustee fees/expenses	227	196	13	1	14	3
Other administrative expenses	<u>607</u>	<u>480</u>	<u>35</u>	<u>1</u>	<u>69</u>	<u>23</u>
Total administrative expenses	1,854	1,424	73	4	285	67
Other or unspecified expenses	56	12	1/	1/	44	1/
TOTAL EXPENSES	125,324	107,350	10,615	157	6,070	1,132
NET INCOME	236,707	212,885	11,493	201	10,563	1,565

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D3. Number of 401(k) Type Plans, Participants, Active Participants,
Assets, Contributions, and Benefits
by type of plan, 1998**

Type of Plan	Number of Plans 1/	Total Participants (thousands) 2/	Active Participants (thousands) 3/	Total Assets (millions)	Total Contributions (millions) 4/	Total Benefits (millions) 5/
TOTAL	300,593	42,703	37,114	\$1,540,975	\$134,659	\$120,693
Profit sharing and thrift-savings	297,715	41,269	35,885	1,441,505	129,666	113,135
Stock bonus	555	1,134	954	92,232	4,203	6,916
Target benefit	53	5	5	205	39	23
Money purchase	1,884	284	262	6,692	717	479
Annuity-403(b)(1)	195	5	5	69	11	2
Custodial account-403(b)(7)	7					
IRAs or annuities (Code 408)	30	1	1	42	6	3
Other defined contribution	154	4	4	230	17	136

1/ Excludes plans covering only one participant.

2/ Includes active, retired, and separated vested participants not yet in pay status. The number of participants also includes double counting of workers in more than one plan.

3/ Active participants include any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Active participants also include nonvested former employees who have not yet incurred a break in service.

4/ Includes both employer and employee contributions.

5/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers.

Amounts exclude benefits made directly by insurance carriers.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D4. Number of 401(k) Type Plans
by number of participants and primary or supplemental status, 1998

Number of Participants	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
TOTAL	300,593	271,964	28,629
None or not reported	9,941	9,223	717
2-9	63,647	58,364	5,282
10-24	89,351	84,117	5,233
25-49	59,897	56,051	3,846
50-99	36,710	33,384	3,325
100-249	22,408	18,688	3,720
250-499	8,972	6,760	2,213
500-999	4,586	2,997	1,589
1,000-2,499	2,885	1,567	1,318
2,500-4,999	1,140	492	648
5,000-9,999	544	188	356
10,000-19,999	300	89	211
20,000-49,999	157	34	123
50,000 or more	56	9	47

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D5. Number of Active Participants in 401(k) Type Plans
by number of participants and primary or supplemental status, 1998
(numbers in thousands)

Number of Participants	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
TOTAL	37,114	19,219	17,895
2-9	367	340	27
10-24	1,384	1,304	80
25-49	2,005	1,877	128
50-99	2,426	2,196	230
100-249	3,094	2,557	536
250-499	2,729	2,042	687
500-999	2,801	1,801	1,000
1,000-2,499	3,879	2,058	1,821
2,500-4,999	3,411	1,448	1,963
5,000-9,999	3,250	1,119	2,130
10,000-19,999	3,455	1,062	2,393
20,000-49,999	4,053	910	3,143
50,000 or more	4,261	505	3,756

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D6. Number of 401(k) Type Plans, Participants, and Assets
by size of plan and participant direction status, 1998**

Number of Participants	Total			Investments are participant directed 1/			Investments are not participant directed		
	Number of Plans	Active Participants (thousands)	Total Assets (millions)	Number of Plans	Active Participants (thousands)	Total Assets (millions)	Number of Plans	Active Participants (thousands)	Total Assets (millions)
Total	300,593	37,114	1,540,975	238,330	30,929	1,250,866	62,263	6,185	290,110
None or not reported	9,941	-	3,580	6,948	-	2,937	2,993	-	643
1-9	63,647	367	12,237	47,872	278	7,578	15,774	89	4,659
10-24	89,351	1,384	39,626	71,050	1,103	28,770	18,301	281	10,856
25-49	59,897	2,005	46,648	47,556	1,580	35,651	12,341	425	10,996
50-99	36,710	2,426	61,724	29,725	1,963	49,996	6,985	463	11,729
100-249	22,408	3,094	79,977	19,040	2,647	67,176	3,368	447	12,801
250-499	8,972	2,729	70,311	7,871	2,398	60,072	1,102	331	10,239
500-999	4,586	2,801	77,896	3,975	2,424	66,571	611	376	11,325
1,000-2,499	2,885	3,879	122,269	2,489	3,354	105,867	396	525	16,402
2,500-4,999	1,140	3,411	129,014	951	2,830	108,102	189	581	20,912
5,000-9,999	544	3,250	161,920	438	2,595	126,173	106	654	35,747
10,000-19,999	300	3,455	188,834	235	2,694	144,009	65	761	44,825
20,000-49,999	157	4,053	274,279	132	3,419	226,943	25	634	47,336
50,000 or more	56	4,261	272,661	48	3,644	221,021	8	617	51,640

1/ Includes both plans where investment of all assets are directed by participants and plans where only assets based on employee contributions are directed by participants.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D7. Balance Sheet of 401(k) Type Plans, 1998

(amounts in millions)

Type of Asset or Liability	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
ASSETS			
Cash	\$46,132	\$16,659	\$29,474
Receivables	27,851	12,450	15,401
Corporate debt and equity instruments	347,733	104,199	243,534
U.S. Government securities	14,178	5,786	8,392
Real estate and mortgages (other than to participants)	1,206	779	428
Mortgage loans to participants	553	245	309
Other loans to participants	25,286	8,703	16,583
Other investments and assets 1/	1,077,965	342,360	735,605
Buildings and other property used in plan operations	<u>70</u>	<u>70</u>	<u>2/</u>
TOTAL ASSETS	1,540,975	491,249	1,049,726
LIABILITIES			
Payables	4,210	1,032	3,178
Acquisition indebtedness	7,224	2,508	4,716
Other liabilities	<u>14,325</u>	<u>1,998</u>	<u>12,328</u>
TOTAL LIABILITIES	25,759	5,538	20,222
NET ASSETS	1,515,216	485,712	1,029,504

1/ This table summarizes assets that appear on both the Form 5500 (for plans with 100 or more participants) and Form 5500-C/R (for plans with fewer than 100 participants).

All line items that appear on the more detailed Form 5500, but not on the Form 5500-C/R balance sheet are grouped under "Other investments and assets". Most of the assets placed in this category are invested through various types of pooled funds, including common collective trusts, pooled separate accounts, master trusts, and registered investment companies.

2/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D8. Income Statement of 401(k) Type Plans, 1998
(amounts in millions)

Income and Expenses	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
INCOME			
Contributions received or receivable from:			
Employers	\$40,637	\$20,277	\$20,360
Participants	84,876	34,717	50,159
Others	8,862	4,885	3,977
Noncash contributions	<u>285</u>	<u>70</u>	<u>215</u>
Total contributions	134,659	59,948	74,710
Investment earnings 1/	30,700	12,532	18,168
Net gain (loss) on sale of assets	12,699	3,641	9,057
Other or unspecified income 2/	<u>174,716</u>	<u>46,812</u>	<u>127,905</u>
TOTAL INCOME	352,774	122,934	229,840
EXPENSES			
Benefit payments and payments to provide benefits			
Direct benefits	118,043	40,809	77,234
Other benefits	<u>2,650</u>	<u>1,475</u>	<u>1,175</u>
Total payments	120,693	42,285	78,408
Total administrative expenses	1,613	811	802
Other or unspecified expenses	<u>1,845</u>	<u>1,031</u>	<u>814</u>
TOTAL EXPENSES	124,151	44,127	80,025
NET INCOME	228,623	78,807	149,816

1/ Includes interest earnings, dividends, and rents.

2/ Includes net gain (loss) from pooled funds, unrealized appreciation (depreciation) of assets, and miscellaneous other income items.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D9. Balance Sheet of 401(k) Type plans with 100 or More Participants, 1998
(amounts in millions)

Type of Asset or Liability	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
ASSETS			
Receivables			
Employer contributions	\$8,765	\$4,248	\$4,517
Participant contributions	1,761	767	993
Income receivables	1,019	218	802
Other receivables	12,744	3,989	8,756
Less allowance for doubtful accounts	<u>1/</u>	<u>1/</u>	<u>1/</u>
Total receivables (net)	24,289	9,221	15,068
General investments			
Interest-bearing cash	37,505	10,071	27,434
Certificates of deposit	1,032	356	676
U.S. Government securities	11,069	3,434	7,634
Corporate debt instruments: Preferred	4,738	1,878	2,860
Corporate debt instruments: All other	6,524	2,279	4,245
Preferred stock	11,336	8,868	2,468
Common stock	68,833	25,728	43,105
Partnership/joint venture interests	333	265	69
Income-producing real estate	214	144	70
Nonincome-producing real estate	49	21	28
Residential loans (other than to participants) secured by mortgages	310	64	246
Commercial loans secured by mortgages	94	49	45
Mortgage loans to participants	502	200	302
Other loans to participants	22,549	6,242	16,307
Other loans	409	223	186

(continued...)

Table D9. Balance Sheet of 401(k) Type Plans with 100 or More Participants, 1998
(amounts in millions)

Type of Asset or Liability	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Plans
Value of interest in common/collective trusts	\$97,053	\$26,091	\$70,962
Value of interest in pooled separate accounts	56,621	31,935	24,686
Value of interest in master trusts	337,453	28,712	308,740
Value of interest in 103-12 investment entities	2,512	572	1,940
Value of interest in registered investment companies	381,613	140,742	240,870
Value of funds held in insurance company general account	59,295	14,500	44,795
Other or unspecified general investments	<u>42,978</u>	<u>10,494</u>	<u>32,484</u>
Total general investments	1,143,021	312,868	830,153
Employer securities	207,565	24,226	183,339
Employer real property	819	294	525
Unspecified investments	437	436	1/
Total noninterest-bearing cash	1,029	646	383
Buildings and other property used in plan operations	<u>1/</u>	<u>1/</u>	<u>1/</u>
TOTAL ASSETS	1,377,159	347,691	1,029,468
LIABILITIES			
Benefit claims payable	2,444	624	1,820
Operating payables	1,619	300	1,319
Acquisition indebtedness	7,162	2,446	4,716
Other liabilities	<u>12,606</u>	<u>1,236</u>	<u>11,370</u>
TOTAL LIABILITIES	23,830	4,606	19,224
NET ASSETS	1,353,329	343,085	1,010,244

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D10. Income Statement of 401(k) Type Plans with 100 or More Participants, 1998

(amounts in millions)

Income and Expenses	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
INCOME			
Contributions received or receivable from:			
Employers	\$31,000	\$11,841	\$19,159
Participants	73,279	24,794	48,485
Others	6,530	2,937	3,593
Noncash contributions	<u>278</u>	<u>65</u>	<u>213</u>
Total contributions	111,086	39,636	71,450
Interest earnings:			
Interest-bearing cash	2,453	816	1,637
Certificates of deposit	57	15	42
U.S. Government securities	486	173	313
Corporate debt instruments	380	136	244
Mortgage loans	44	9	35
Other loans	1,281	384	897
Other or unspecified interest	<u>6,479</u>	<u>1,431</u>	<u>5,049</u>
Total interest earnings	11,180	2,964	8,215
Dividends:			
Preferred stock	1,028	386	642
Common stock	<u>9,302</u>	<u>1,338</u>	<u>7,964</u>
Total dividend income	10,330	1,724	8,606
Rents	57	53	4
Net gain (loss) on sale of assets	10,358	1,894	8,464
Unrealized appreciation (depreciation) of assets	51,107	9,116	41,990
Net investment gain (loss) from common/collective trusts	10,939	2,709	8,231
Net investment gain (loss) from pooled separate accounts	7,008	4,013	2,995
Net investment gain (loss) from master trusts	45,268	4,176	41,091

(continued...)

Table D10. Income Statement of 401(k) Type Plans with 100 or More Participants, 1998

(amounts in millions)

Income and Expenses	Total	401(k) Plan is Only Plan Sponsored by Employer	Employer Sponsoring 401(k) Plan Also Sponsors Another Pension Plan(s)
Net investment gain (loss) from 103-12 investment entities	\$319	\$85	\$234
Net investment gain (loss) from registered investment companies	45,509	16,201	29,308
Other or unspecified income	<u>3,722</u>	<u>1,333</u>	<u>2,389</u>
TOTAL INCOME	306,884	83,906	222,978
EXPENSES			
Benefit payments and payments to provide benefits:			
Direct benefits	99,621	26,864	72,757
Payments to insurance carriers	106	49	57
Other benefits	<u>1,377</u>	<u>280</u>	<u>1,097</u>
Total payments	101,104	27,193	73,911
Interest expense	1,075	247	827
Administrative expenses:			
Salaries and allowances	48	22	26
Accounting fees	54	37	17
Actuarial fees	8	3	5
Contract administrator fees	157	67	89
Investment advisory and management fees	329	156	173
Legal fees	15	3	12
Valuation/appraisal fees	5	2	3
Trustee fees/expenses	176	68	108
Other administrative expenses	<u>449</u>	<u>154</u>	<u>296</u>
Total administrative expenses	1,242	511	730
Other or unspecified expenses	<u>11</u>	<u>11</u>	<u>1</u>
TOTAL EXPENSES	103,431	27,963	75,468
NET INCOME	203,453	55,943	147,510

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D11. Number of Employee Stock Ownership Plans (ESOPs), Total Participants, Active Participants, Assets, Contributions, and Benefits
by type of plan, 1998**

Type of Plan	Number of Plans 1/	Total Participants (thousands) 2/	Active Participants (thousands) 3/	Total Assets (millions)	Total Contributions (millions) 4/	Total Benefits (millions) 5/
TOTAL	8,956	7,748	6,397	\$410,884	\$20,115	\$30,727
Profit sharing and thrift-savings	3,376	4,567	3,744	276,364	13,954	20,256
Stock bonus	4,245	2,821	2,360	123,925	5,697	9,505
Target benefit	3	3	3	68	6	6
Money purchase	256	46	37	1,294	109	73
Annuity-403(b)(1)	1	0	0	0	0	0
403(b)(7)	1	0	0	0	0	0
IRAs or annuities (Code 408)	27	0	0	7	1	0
Other defined contribution	1,047	310	253	9,196	348	887

1/ Excludes plans covering only one participant.

2/ Includes active, retired, and separated vested participants not yet in pay status. The number of participants also includes double counting of workers in more than one plan.

3/ Active participants include any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Active participants also include nonvested former employees who have not yet incurred a break in service.

4/ Includes both employer and employee contributions.

5/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits directly made by insurance carriers.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D12. Number of Employee Stock Ownership Plans (ESOPs), Total Participants, Active Participants, Assets, Contributions, and Benefits
by type of ESOP, 1998**

Type of Plan	Number of Plans 1/	Total Participants (thousands) 2/	Active Participants (thousands) 3/	Total Assets (millions)	Total Contributions (millions) 4/	Total Benefits (millions) 5/
TOTAL ESOPS	8,956	7,748	6,397	\$410,884	\$20,115	\$30,727
Nonleveraged ESOPs	5,977	3,819	3,252	135,082	7,381	11,085
Leveraged ESOPs	2,979	3,929	3,145	275,802	12,734	19,642

1/ Excludes plans covering only one participant.

2/ Includes active, retired, and separated vested participants not yet in pay status. The number of participants also includes double counting of workers in more than one plan.

3/ Active participants include any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Active participants also include nonvested former employees who have not yet incurred a break in service.

4/ Includes both employer and employee contributions.

5/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits made directly by insurance carriers.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D13. Number of Employee Stock Ownership Plans (ESOPs)
by number of participants and primary or supplemental status, 1998**

Number of Participants	Total	ESOP Plan is Only Plan Sponsored by Employer	Employer Sponsoring ESOP Plan Also Sponsors Another Pension Plan(s)
TOTAL	8,956	5,100	3,856
None or not reported	518	334	184
2-9	835	641	194
10-24	1,236	737	499
25-49	1,561	1,030	531
50-99	1,993	1,363	630
100-249	1,244	630	614
250-499	592	166	426
500-999	343	89	254
1,000-2,499	257	63	194
2,500-4,999	139	23	116
5,000-9,999	103	12	91
10,000-19,999	56	4	52
20,000-49,999	51	6	45
50,000 or more	27	2	25

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

**Table D14. Balance Sheet of Employee Stock Ownership Plans (ESOPs)
with 100 or More Participants
by leveraged status, 1998**
(amounts in millions)

Type of Asset or Liability	Total ESOPs	Nonleveraged ESOPs	Leveraged ESOPs
ASSETS			
Receivables			
Employer contributions	\$2,027	\$839	\$1,188
Participant contributions	234	143	91
Income receivables	438	80	358
Other receivables	1,064	302	762
Allowance for doubtful accounts	<u>1/</u>	<u>1/</u>	<u>1/</u>
Total receivables (net)	3,762	1,364	2,398
General investments			
Interest-bearing cash	4,838	2,076	2,762
Certificates of deposit	122	42	80
U.S. Government securities	2,260	584	1,676
Corporate debt instruments: Preferred	2,371	226	2,144
Corporate debt instruments: All other	1,441	357	1,084
Preferred stock	12,624	1,032	11,592
Common stock	26,683	7,982	18,700
Partnership/joint venture interests	36	29	7
Income-producing real estate	3	2	1
Nonincome-producing real estate	1/	1/	1/
Residential loans (other than to participants) secured by mortgages	3	1	2
Commercial loans secured by mortgages	2	2	1/
Mortgage loans to participants	42	8	34
Other loans to participants	4,001	1,169	2,832
Other loans	67	1	66

(continued...)

**Table D14. Balance Sheet of Employee Stock Ownership Plans (ESOPs)
with 100 or More Participants
by leveraged status, 1998**
(amounts in millions)

Type of Asset or Liability	Total ESOPs	Nonleveraged ESOPs	Leveraged ESOPs
Value of interest in common/collective trusts	\$21,112	7,383	\$13,728
Value of interest in pooled separate accounts	2,075	899	1,177
Value of interest in master trusts	107,344	23,091	84,253
Value of interest in 103-12 investment entities	950	143	807
Value of interest in registered investment companies	38,324	13,064	25,260
Value of funds held in insurance company general account	6,228	1,057	5,171
Other or unspecified general investments	<u>9,904</u>	<u>2,682</u>	<u>7,222</u>
Total general investments	240,429	61,829	178,600
Employer securities	156,077	42,315	113,762
Employer real property	230	12	218
Unspecified investments	42	1/	42
Total noninterest-bearing cash	127	58	69
Buildings and other property used in plan operations	<u>9</u>	<u>9</u>	<u>0</u>
TOTAL ASSETS	400,677	105,587	295,090
LIABILITIES			
Benefit claims payable	1,053	687	366
Operating payables	1,222	61	1,161
Acquisition indebtedness	12,306	265	12,041
Other liabilities	<u>11,093</u>	<u>374</u>	<u>10,719</u>
TOTAL LIABILITIES	25,674	1,387	24,286
NET ASSETS	375,003	104,200	270,803

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

Table D15. Income Statement of Employee Stock Ownership Plans (ESOPs)
with 100 or More Participants
by leveraged status, 1998
(amounts in millions)

Income and Expenses	Total ESOPs	Nonleveraged ESOPs	Leveraged ESOPs
INCOME			
Contributions received or receivable from:			
Employers	\$7,505	\$2,533	\$4,971
Participants	10,611	3,341	7,270
Others	758	313	445
Noncash contributions	<u>207</u>	<u>168</u>	<u>39</u>
Total contributions	19,081	6,355	12,726
Interest earnings:			
Interest-bearing cash	266	141	125
Certificates of deposit	11	10	1
U.S. Government securities	67	21	46
Corporate debt instruments	60	13	47
Mortgage loans	3	1/	2
Other loans	227	77	150
Other or unspecified interest	<u>794</u>	<u>239</u>	<u>555</u>
Total interest earnings	1,429	502	927
Dividends:			
Preferred stock	906	55	851
Common stock	<u>5,166</u>	<u>816</u>	<u>4,350</u>
Total dividend income	6,072	870	5,201
Rents	5	4	1/
Net gain (loss) on sale of assets	3,285	891	2,394
Unrealized appreciation (depreciation) of assets	22,890	7,774	15,116
Net investment gain (loss) from common/collective trusts	3,079	1,185	1,894
Net investment gain (loss) from pooled separate accounts	198	47	151
Net investment gain (loss) from master trusts	17,389	3,688	13,701

(continued...)

Table D15. Income Statement of Employee Stock Ownership Plans (ESOPs)
with 100 or More Participants
by leveraged status, 1998
(amounts in millions)

Income and Expenses	Total ESOPs	Nonleveraged ESOPs	Leveraged ESOPs
Net investment gain (loss) from 103-12 investment entities	\$153	\$8	\$145
Net investment gain (loss) from registered investment companies	\$4,965	\$1,566	3,399
Other or unspecified income	<u>1,314</u>	<u>103</u>	<u>1,211</u>
TOTAL INCOME	79,859	22,994	56,865
EXPENSES			
Benefit payments and payments to provide benefits:			
Direct benefits	26,971	8,536	18,435
Payments to insurance carriers	3	1	2
Other benefits	<u>263</u>	<u>121</u>	<u>142</u>
Total payments	27,236	8,658	18,579
Interest expense	1,804	20	1,784
Administrative expenses:			
Salaries and allowances	14	1	12
Accounting fees	8	4	4
Actuarial fees	1	1/	1/
Contract administrator fees	34	7	27
Investment advisory and management fees	56	24	32
Legal fees	3	1	2
Valuation/appraisal fees	2	1	1
Trustee fees/expenses	27	13	14
Other administrative expenses	<u>161</u>	<u>28</u>	<u>133</u>
Total administrative expenses	305	80	225
Other or unspecified expenses	<u>1/</u>	<u>1/</u>	<u>1/</u>
TOTAL EXPENSES	29,346	8,757	20,589
NET INCOME	50,513	14,237	36,276

1/ Less than \$500,000.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for plan years beginning in 1998.

SECTION E: HISTORICAL TABLES

**Table E1. Number of Pension Plans
by type of plan, 1979-1998**

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	470,921	139,489	331,432	468,265	137,243	331,022	2,656	2,246	410
1980	488,901	148,096	340,805	486,142	145,764	340,378	2,759	2,332	427
1981	545,611	167,293	378,318	542,789	165,042	377,747	2,822	2,252	570
1982	594,456	174,998	419,458	591,417	172,662	418,755	3,039	2,336	703
1983	602,848	175,143	427,705	599,822	172,843	426,979	3,026	2,300	726
1984	604,434	168,015	436,419	601,413	165,732	435,681	3,021	2,283	738
1985	632,135	170,172	461,963	629,069	167,911	461,158	3,066	2,261	805
1986	717,627	172,642	544,985	714,563	170,431	544,132	3,063	2,210	853
1987	733,029	163,065	569,964	729,909	160,904	569,005	3,112	2,157	955
1988	729,922	145,952	583,971	726,648	143,833	582,815	3,275	2,119	1,156
1989	731,356	132,467	598,889	728,276	130,472	597,804	3,080	1,995	1,085
1990	712,308	113,062	599,245	709,404	111,251	598,153	2,904	1,812	1,092
1991	699,294	101,752	597,542	696,300	99,931	596,369	2,994	1,821	1,173
1992	708,335	88,621	619,714	705,226	86,797	618,429	3,109	1,824	1,285
1993	702,097	83,596	618,501	698,918	81,737	617,180	3,179	1,859	1,320
1994	690,344	74,422	615,922	687,158	72,555	614,603	3,186	1,867	1,319
1995	693,404	69,492	623,912	690,265	67,682	622,584	3,139	1,810	1,328
1996	696,224	63,657	632,566	692,957	61,790	631,167	3,267	1,867	1,399
1997	720,041	59,499	660,542	716,912	57,720	659,192	3,130	1,779	1,351
1998	730,031	56,405	673,626	726,997	54,699	672,297	3,035	1,706	1,329

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E2. Number of Pension Plans with Fewer Than 100 Participants
by type of plan, 1979-1998**

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	435,334	116,143	319,191	435,053	115,954	319,099	281	189	92
1980	451,046	123,591	327,455	450,740	123,340	327,400	306	251	55
1981	505,368	142,304	363,064	505,109	142,165	362,944	259	139	120
1982	552,258	149,600	402,658	551,899	149,391	402,508	359	309	150
1983	558,146	149,164	408,982	557,847	148,955	408,892	299	209	90
1984	558,943	142,912	416,031	558,649	142,699	415,950	293	213	81
1985	583,476	145,430	438,046	583,171	145,292	437,879	305	138	167
1986	666,669	148,168	518,501	666,424	148,005	518,419	245	163	82
1987	681,238	139,644	541,594	680,921	139,472	541,449	310	169	141
1988	675,525	123,146	552,378	675,117	122,962	552,154	408	184	224
1989	675,706	111,048	564,658	675,470	110,941	564,529	236	107	129
1990	659,144	93,821	565,323	658,848	93,730	565,118	296	91	205
1991	645,517	83,298	562,218	645,182	83,181	562,001	334	117	217
1992	650,282	69,883	580,399	649,924	69,778	580,146	358	104	253
1993	642,615	64,937	577,678	642,196	64,799	577,396	419	137	282
1994	628,707	56,322	572,385	628,307	56,134	572,173	399	188	212
1995	631,117	52,405	578,712	630,780	52,311	578,469	337	94	243
1996	632,520	47,104	585,416	632,069	46,941	585,128	451	163	288
1997	653,696	43,647	610,049	653,347	43,519	609,828	350	128	222
1998	661,613	41,264	620,349	661,373	41,177	620,195	240	87	153

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E3. Number of Pension Plans with 100 or More Participants
by type of plan, 1979-1998**

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	35,587	23,346	12,241	33,212	21,289	11,923	2,375	2,057	318
1980	37,855	24,505	13,350	35,402	22,424	12,978	2,453	2,081	372
1981	40,243	24,989	15,254	37,680	22,877	14,803	2,563	2,113	450
1982	42,198	25,398	16,800	39,518	23,271	16,247	2,680	2,127	553
1983	44,702	25,979	18,723	41,975	23,888	18,087	2,727	2,091	636
1984	45,491	25,103	20,388	42,763	23,033	19,731	2,728	2,070	657
1985	48,658	24,742	23,917	45,897	22,619	23,279	2,761	2,123	638
1986	50,958	24,474	26,484	48,139	22,426	25,713	2,818	2,047	771
1987	51,791	23,421	28,370	48,988	21,432	27,556	2,802	1,988	814
1988	54,397	22,805	31,593	51,530	20,870	30,661	2,867	1,935	932
1989	55,650	21,419	34,231	52,807	19,531	33,275	2,844	1,888	956
1990	53,164	19,242	33,922	50,556	17,521	33,035	2,608	1,721	887
1991	53,777	18,454	35,324	51,118	16,750	34,368	2,660	1,704	956
1992	58,053	18,738	39,315	55,302	17,019	38,283	2,751	1,719	1,032
1993	59,482	18,660	40,822	56,722	16,938	39,784	2,760	1,722	1,038
1994	61,638	18,100	43,538	58,851	16,421	42,430	2,787	1,679	1,108
1995	62,287	17,087	45,200	59,486	15,371	44,115	2,802	1,716	1,086
1996	63,704	16,553	47,150	60,888	14,849	46,039	2,815	1,704	1,111
1997	66,345	15,852	50,493	63,565	14,201	49,364	2,780	1,651	1,129
1998	68,419	15,141	52,278	65,624	13,522	52,102	2,795	1,619	1,176

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E4a. Estimated Private Wage and Salary Worker Participation Rates
Under Primary and Supplemental Pension Plans, 1979-1998 1/**
(workers in thousands)

Year	Number of Wage and Salary Workers	Workers Covered by a Primary Defined Benefit Plan		Workers Covered by a Primary Defined Contribution Plan		Workers Covered by a Supplemental Defined Contribution Plan(s)	
		Number	Percent	Number	Percent	Number	Percent
1979	78,058	29,008	37	5,790	7	9,368	12
1980	78,349	29,736	38	6,203	8	10,134	13
1981	80,282	29,687	37	7,224	9	10,629	13
1982	82,318	29,361	36	8,120	10	12,087	15
1983	84,410	29,576	35	9,395	11	14,191	17
1984	86,732	29,812	34	9,902	11	15,303	18
1985	88,293	28,894	33	11,550	13	16,018	18
1986	90,267	28,536	32	12,672	14	16,188	18
1987	91,559	28,347	31	13,437	15	16,110	18
1988	93,012	27,864	30	14,106	15	15,180	16
1989	94,448	27,240	29	15,485	16	15,242	16
1990	94,772	26,323	28	16,116	17	15,671	17
1991	94,959	25,701	27	17,133	18	15,287	16
1992	96,577	25,318	26	19,474	20	16,300	17
1993	97,749	25,091	26	19,780	20	16,621	17
1994	101,077	24,591	24	20,948	21	16,516	16
1995	102,162	23,531	23	23,038	23	16,482	16
1996	104,313	23,262	22	24,173	23	17,199	16
1997	106,955	22,724	21	27,045	25	18,531	17
1998	108,340	22,972	21	29,139	27	18,526	17

1/ For workers covered under both a defined benefit and a defined contribution plan, the defined benefit plan is designated as the primary plan unless the plan name indicates it provides supplemental or only past service benefits.

SOURCES: Number of workers taken from *Employment and Earnings*, Bureau of Labor Statistics, U.S. Department of Labor. These numbers include both employed (full and part-time) and unemployed wage and salary workers. The number of workers in primary and supplemental plans are estimates derived from annual Form 5500 reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E4b. Estimated Private Wage and Salary Worker Participation Rates Under Defined Benefit and Defined Contribution Plans, 1979-1998

(workers in thousands)

Year	Number of Wage and Salary Workers	Workers Covered by a Defined Benefit Plan Only		Workers Covered by a Defined Contribution Plan(s) only		Workers Covered by both a Defined Benefit and a Defined Contribution Plan	
		Number	Percent	Number	Percent	Number	Percent
1979	78,058	21,592	28	5,790	7	7,848	10
1980	78,349	21,889	28	6,203	8	8,244	11
1981	80,282	21,492	27	7,224	9	8,590	11
1982	82,318	18,748	23	8,120	10	11,008	13
1983	84,410	17,592	21	9,395	11	12,372	15
1984	86,732	16,432	19	9,902	11	13,740	16
1985	88,293	14,694	17	11,550	13	14,330	16
1986	90,267	15,198	17	12,672	14	13,472	15
1987	91,559	15,594	17	13,437	15	12,838	14
1988	93,012	14,758	16	14,106	15	13,323	14
1989	94,448	13,886	15	15,485	16	13,418	14
1990	94,772	12,381	13	16,116	17	13,963	15
1991	94,959	12,346	13	17,133	18	13,401	14
1992	96,577	11,670	12	19,474	20	13,692	14
1993	97,749	10,555	11	19,780	20	14,572	15
1994	101,077	10,042	10	20,948	21	14,573	14
1995	102,162	9,092	9	23,038	23	14,439	14
1996	104,313	7,944	8	24,173	23	15,318	15
1997	106,955	6,883	6	27,045	25	15,862	15
1998	108,340	7,181	7	29,139	27	15,813	15

SOURCES: Number of workers taken from Employment and Earnings, Bureau of Labor Statistics, U.S. Department of Labor. These numbers include both employed (full and part-time) and unemployed wage and salary workers. The number of workers participating in only a defined benefit plan, only a defined contribution plan, or both types of plans are estimates derived from Form 5500 reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E5. Number of Participants in Pension Plans
by type of plan, 1979-1998
(numbers in thousands)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	55,097	36,810	18,287	46,085	28,275	17,810	9,013	8,536	477
1980	57,903	37,979	19,924	48,910	29,555	19,354	8,993	8,423	570
1981	60,564	38,903	21,661	51,326	30,331	20,995	9,238	8,572	666
1982	63,243	38,633	24,610	54,105	30,289	23,816	9,138	8,343	794
1983	69,147	40,025	29,122	59,645	31,405	28,240	9,501	8,620	881
1984	73,895	40,980	32,915	64,244	32,329	31,915	9,651	8,651	1,000
1985	74,665	39,692	34,973	65,414	31,436	33,978	9,251	8,256	995
1986	76,672	39,989	36,682	67,069	31,676	35,392	9,603	8,313	1,290
1987	78,223	39,958	38,265	68,550	31,650	36,900	9,673	8,308	1,365
1988	77,685	40,722	36,963	67,734	32,386	35,348	9,951	8,336	1,615
1989	76,405	39,958	36,447	65,964	31,248	34,716	10,441	8,710	1,731
1990	76,924	38,832	38,091	67,003	30,522	36,481	9,921	8,311	1,611
1991	77,662	39,027	38,634	67,583	30,683	36,900	10,079	8,344	1,735
1992	81,914	39,531	42,383	71,783	31,395	40,388	10,131	8,136	1,995
1993	83,870	40,267	43,603	73,770	32,151	41,619	10,100	8,116	1,983
1994	85,117	40,338	44,778	74,940	32,197	42,743	10,177	8,142	2,035
1995	87,452	39,736	47,716	76,969	31,341	45,629	10,483	8,395	2,088
1996	91,716	41,111	50,605	80,841	32,467	48,374	10,876	8,644	2,231
1997	94,985	40,392	54,593	83,881	31,678	52,204	11,103	8,714	2,389
1998	99,455	41,552	57,903	87,930	32,634	55,296	11,525	8,918	2,607

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E6. Number of Participants in Pension Plans
with Fewer Than 100 Participants
by type of plan, 1979-1998**
(numbers in thousands)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	5,389	1,802	3,587	5,372	1,792	3,580	17	10	7
1980	5,741	1,995	3,746	5,725	1,980	3,744	17	15	2
1981	6,298	2,154	4,143	6,283	2,148	4,135	15	6	9
1982	6,877	2,155	4,722	6,854	2,144	4,710	23	11	12
1983	6,872	2,154	4,718	6,855	2,144	4,711	17	10	7
1984	6,886	2,013	4,873	6,869	2,013	4,856	17	12	5
1985	7,553	2,059	5,495	7,537	2,052	5,486	16	8	9
1986	7,926	2,033	5,893	7,914	2,025	5,889	12	8	4
1987	8,413	2,008	6,405	8,400	2,000	6,400	13	8	5
1988	8,345	1,720	6,625	8,329	1,713	6,616	16	8	9
1989	8,200	1,396	6,804	8,188	1,392	6,796	12	4	8
1990	8,268	1,279	6,989	8,251	1,275	6,976	17	4	13
1991	8,441	1,226	7,215	8,424	1,218	7,206	17	8	8
1992	9,076	1,129	7,946	9,059	1,125	7,934	17	5	12
1993	9,087	1,030	8,057	9,067	1,024	8,043	20	6	14
1994	9,152	944	8,208	9,132	935	8,197	20	9	11
1995	9,373	893	8,480	9,359	890	8,469	14	3	11
1996	9,571	794	8,777	9,551	789	8,762	21	5	16
1997	10,276	731	9,546	10,257	724	9,533	19	6	13
1998	10,679	718	9,961	10,670	715	9,955	9	2	6

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E7. Number of Participants in Pension Plans with 100 or More Participants
by type of plan, 1979-1998
(numbers in thousands)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	49,708	35,008	14,700	40,713	26,483	14,230	8,996	8,526	470
1980	52,162	35,984	16,178	43,185	27,575	15,610	8,977	8,408	568
1981	54,266	36,748	17,518	45,043	28,183	16,861	9,223	8,565	657
1982	56,366	36,446	19,920	47,248	28,112	19,136	9,118	8,332	785
1983	62,275	37,871	24,404	52,790	29,261	23,529	9,485	8,610	875
1984	67,009	38,967	28,042	57,375	30,316	27,059	9,634	8,640	995
1985	67,112	37,633	29,478	57,877	29,384	28,493	9,235	8,248	986
1986	68,746	37,956	30,790	59,155	29,651	29,503	9,591	8,305	1,286
1987	69,810	37,950	31,860	60,150	29,650	30,500	9,660	8,300	1,360
1988	69,340	39,002	30,338	59,404	30,673	28,732	9,935	8,326	1,606
1989	68,205	38,562	29,643	57,776	29,856	27,920	10,429	8,705	1,724
1990	68,655	37,553	31,102	58,752	29,247	29,505	9,904	8,306	1,598
1991	69,221	37,801	31,420	59,157	29,465	29,694	10,063	8,336	1,727
1992	72,838	38,402	34,436	62,724	30,270	32,454	10,114	8,132	1,982
1993	74,783	39,237	35,546	64,703	31,127	33,576	10,080	8,110	1,969
1994	75,964	39,394	36,570	65,807	31,262	34,546	10,157	8,133	2,024
1995	78,079	38,843	39,236	67,610	30,450	37,160	10,469	8,392	2,076
1996	82,145	40,317	41,828	71,290	31,677	39,613	10,855	8,640	2,215
1997	84,708	39,661	45,047	73,624	30,953	42,671	11,084	8,708	2,376
1998	88,776	40,835	47,942	77,260	31,919	45,341	11,516	8,915	2,601

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E8. Number of Active Participants in Pension Plans
by type of plan, 1979-1998
(numbers in thousands)

Year	Total Plans			Single employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	46,929	29,440	17,489	39,799	22,757	17,041	7,130	6,683	447
1980	49,026	30,133	18,893	42,079	23,705	18,374	6,947	6,428	519
1981	50,826	30,082	20,743	43,821	23,701	20,120	7,005	6,381	623
1982	53,204	29,756	23,448	46,344	23,630	22,714	6,860	6,126	734
1983	57,808	29,964	27,844	50,911	23,877	27,034	6,897	6,087	810
1984	60,775	30,172	30,603	54,044	24,315	29,729	6,732	5,857	875
1985	62,268	29,024	33,244	55,778	23,465	32,313	6,491	5,559	931
1986	63,290	28,670	34,620	56,723	23,270	33,453	6,566	5,400	1,167
1987	63,392	28,432	34,959	56,846	23,170	33,676	6,546	5,262	1,284
1988	62,142	28,081	34,062	55,464	22,867	32,596	6,678	5,213	1,465
1989	61,294	27,304	33,990	54,300	21,892	32,408	6,994	5,412	1,582
1990	61,831	26,344	35,488	55,409	21,386	34,022	6,422	4,957	1,465
1991	61,517	25,747	35,771	55,048	20,833	34,215	6,469	4,914	1,555
1992	64,231	25,362	38,868	57,940	20,771	37,170	6,290	4,592	1,699
1993	64,746	25,127	39,619	58,596	20,670	37,926	6,150	4,458	1,692
1994	64,972	24,615	40,357	58,889	20,215	38,674	6,083	4,400	1,682
1995	66,193	23,531	42,662	59,894	19,005	40,889	6,299	4,525	1,773
1996	67,888	23,262	44,625	61,417	18,681	42,736	6,470	4,581	1,889
1997	70,724	22,745	47,979	64,088	18,118	45,970	6,637	4,628	2,009
1998	73,328	22,994	50,335	66,390	18,283	48,107	6,938	4,710	2,228

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: The number of participants includes double counting of workers in more than one plan.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E9. Number of Active Participants in Pension Plans
with Fewer than 100 Participants
by type of plan, 1979-1998**
(numbers in thousands)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	5,103	1,641	3,462	5,087	1,632	3,455	16	8	7
1980	5,406	1,828	3,578	5,392	1,816	3,576	14	12	2
1981	5,996	1,957	4,039	5,982	1,952	4,031	14	5	8
1982	6,463	1,974	4,489	6,447	1,966	4,481	16	8	8
1983	6,381	1,861	4,520	6,365	1,852	4,513	15	9	6
1984	6,591	1,841	4,750	6,576	1,831	4,745	16	11	5
1985	7,227	1,880	5,348	7,213	1,874	5,340	14	6	8
1986	7,583	1,849	5,734	7,573	1,843	5,731	10	7	3
1987	7,793	1,672	6,121	7,778	1,666	6,113	15	6	8
1988	7,715	1,525	6,189	7,699	1,519	6,180	16	6	10
1989	8,033	1,301	6,731	8,022	1,297	6,725	11	4	7
1990	7,944	1,162	6,783	7,928	1,158	6,770	16	4	13
1991	8,183	1,114	7,069	8,167	1,107	7,061	16	7	9
1992	7,707	1,022	7,685	8,692	1,019	7,673	15	4	12
1993	8,727	935	7,792	8,709	930	7,779	18	5	13
1994	8,790	856	7,935	8,771	847	7,924	19	9	10
1995	8,992	806	8,186	8,979	804	8,175	13	2	11
1996	9,182	717	8,465	9,163	712	8,450	19	4	15
1997	9,866	660	9,206	9,848	655	9,194	18	5	13
1998	10,245	648	9,597	10,238	647	9,591	8	2	6

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: The number of participants includes double counting of workers in more than one plan.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E10. Number of Active Participants in Pension Plans
with 100 or More Participants
by type of plan, 1979-1998**
(numbers in thousands)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	41,826	27,779	14,027	34,712	21,125	13,586	7,115	6,675	440
1980	43,620	28,305	15,315	36,687	21,889	14,798	6,933	6,416	517
1981	44,830	28,125	16,704	37,839	21,749	16,090	6,991	6,376	615
1982	46,741	27,782	18,959	39,897	21,664	18,233	6,844	6,118	726
1983	51,428	28,104	23,324	44,546	22,025	22,520	6,882	6,078	804
1984	54,184	28,331	25,853	47,468	22,484	24,984	6,716	5,846	870
1985	55,041	27,145	27,896	48,564	21,591	26,973	6,476	5,553	923
1986	55,706	26,820	28,886	49,150	21,427	27,723	6,556	5,393	1,163
1987	55,599	26,760	28,838	49,067	21,504	27,563	6,531	5,256	1,275
1988	54,428	26,555	27,872	47,765	21,348	26,417	6,663	5,207	1,456
1989	53,262	26,004	27,258	46,278	20,595	25,683	6,983	5,409	1,574
1990	53,887	25,182	28,705	47,481	20,228	27,252	6,406	4,954	1,453
1991	53,334	24,633	28,701	46,881	19,726	27,155	6,453	4,907	1,546
1992	55,224	24,340	31,184	49,249	19,752	29,497	6,275	4,588	1,687
1993	56,019	24,192	31,827	49,887	19,739	30,148	6,132	4,453	1,679
1994	56,181	23,759	32,422	50,118	19,368	30,750	6,064	4,392	1,672
1995	57,201	22,724	34,477	50,916	18,202	32,714	6,285	4,523	1,762
1996	58,706	22,546	36,160	52,255	17,968	34,286	6,451	4,577	1,873
1997	60,858	22,085	38,773	54,239	17,463	36,776	6,619	4,622	1,997
1998	63,083	22,345	40,738	56,153	17,637	38,516	6,930	4,709	2,221

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: The number of participants includes double counting of workers in more than one plan.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E11. Pension Plan Assets
by type of plan, 1979-1998 1/
(amounts in millions)

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$445,430	\$319,595	\$125,835	\$404,724	\$280,326	\$124,398	\$40,706	\$39,269	\$1,437
1980	563,551	401,455	162,096	514,583	353,967	160,616	48,968	47,488	1,480
1981	628,916	444,376	184,540	572,101	389,846	182,615	56,814	54,890	1,924
1982	788,987	553,419	235,567	716,281	483,536	232,744	72,706	69,883	2,823
1983	923,470	642,359	281,111	843,693	566,369	277,323	79,777	75,990	3,788
1984	1,044,592	700,669	343,922	947,373	608,703	338,670	97,212	91,966	5,246
1985	1,252,739	826,117	426,622	1,136,417	716,107	420,310	116,322	110,010	6,312
1986	1,382,910	895,073	487,837	1,251,034	772,205	478,830	131,876	122,868	9,008
1987	1,402,488	877,269	525,219	1,266,694	751,475	515,219	135,794	125,794	10,000
1988	1,503,635	911,982	591,653	1,351,845	772,381	579,464	151,790	139,601	12,189
1989	1,675,597	987,971	687,626	1,505,319	832,148	673,171	170,278	155,822	14,455
1990	1,674,139	961,904	712,236	1,496,300	798,167	698,133	177,839	163,737	14,102
1991	1,936,271	1,101,987	834,284	1,743,190	926,424	816,766	193,080	175,562	17,518
1992	2,094,087	1,146,798	947,289	1,879,033	955,621	923,412	215,053	191,177	23,877
1993	2,316,272	1,248,180	1,068,092	2,091,468	1,049,915	1,041,553	224,804	198,265	26,540
1994	2,298,556	1,210,856	1,087,700	2,070,804	1,010,275	1,060,529	227,752	200,581	27,171
1995	2,723,735	1,402,079	1,321,657	2,458,153	1,163,416	1,294,737	265,582	238,663	26,920
1996	3,136,281	1,585,397	1,550,884	2,837,125	1,316,599	1,520,526	299,156	268,798	30,358
1997	3,553,757	1,735,604	1,818,152	3,213,304	1,432,788	1,780,516	340,452	302,816	37,636
1998	4,021,849	1,936,600	2,085,250	3,642,656	1,599,303	2,043,353	379,193	337,297	41,896

1/ Asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total private fund assets.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E12. Pension Plan Assets of Plans with Fewer than 100 Participants
by type of plan, 1979-1998 1/
(amounts in millions)

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$64,021	\$19,498	\$44,523	\$63,725	\$19,271	\$44,453	\$296	\$227	\$69
1980	86,785	31,498	55,287	86,101	30,872	55,229	684	626	58
1981	104,006	38,792	65,214	103,220	38,081	65,139	785	711	74
1982	129,263	46,971	82,292	128,895	46,649	82,246	369	323	46
1983	155,214	60,594	94,620	154,626	60,064	94,562	58	530	58
1984	176,847	62,904	113,943	176,103	62,231	113,873	743	673	70
1985	211,665	67,745	143,920	210,666	66,878	143,789	999	867	132
1986	232,718	66,276	166,442	231,481	65,132	166,350	1,237	1,143	93
1987	228,244	65,232	163,012	227,048	64,277	162,771	1,196	955	241
1988	240,867	54,652	186,215	239,393	53,389	186,004	1,474	1,263	211
1989	236,459	44,570	191,889	236,016	44,243	191,773	443	327	116
1990	242,068	44,192	197,876	241,224	43,599	197,624	844	592	252
1991	264,329	40,161	224,168	263,967	40,033	223,934	362	128	234
1992	261,359	30,396	230,963	260,922	30,199	230,723	437	197	239
1993	291,912	33,166	258,746	291,238	32,770	258,468	675	396	278
1994	278,555	25,384	253,171	277,644	24,687	252,958	911	698	213
1995	323,751	26,455	297,295	323,066	26,210	296,855	685	245	440
1996	359,984	28,576	331,407	358,874	27,870	331,005	1,110	707	403
1997	398,775	25,614	373,161	397,474	24,876	372,598	1,302	738	563
1998	442,589	39,669	402,920	441,880	39,409	402,471	708	260	449

1/ Asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total private fund assets.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E13. Pension Plan Assets of Plans with 100 or More Participants
by type of plan, 1979-1998 1/
(amounts in millions)

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$381,409	\$300,097	\$81,312	\$340,999	\$261,055	\$79,945	\$40,410	\$39,042	\$1,368
1980	476,766	369,957	106,809	428,482	323,095	105,387	48,284	46,862	1,422
1981	524,910	405,584	119,326	468,881	351,405	117,476	56,029	54,179	1,850
1982	659,724	506,448	153,276	587,386	436,887	150,499	72,337	69,560	2,777
1983	768,256	581,765	186,491	689,066	506,305	182,761	79,190	75,460	3,730
1984	867,745	637,765	229,979	771,270	546,472	224,797	96,469	91,293	5,176
1985	1,041,074	758,372	282,702	925,751	649,229	276,521	115,523	109,143	6,180
1986	1,150,192	828,797	321,395	1,019,553	707,073	312,480	130,639	121,725	8,915
1987	1,174,244	812,037	362,207	1,039,646	687,198	352,448	134,598	124,839	9,759
1988	1,262,768	857,330	405,438	1,112,452	718,992	393,460	150,316	138,338	11,978
1989	1,439,138	943,401	495,737	1,269,303	787,905	481,398	169,835	155,496	14,339
1990	1,432,072	917,712	514,360	1,255,076	754,567	500,509	176,995	163,145	13,851
1991	1,671,942	1,061,826	610,116	1,479,224	886,391	592,832	192,718	175,434	17,284
1992	1,832,728	1,116,401	716,326	1,618,111	925,422	692,689	214,617	190,979	23,637
1993	2,024,360	1,215,014	809,346	1,800,230	1,017,145	783,085	224,130	197,869	26,261
1994	2,020,001	1,185,471	834,529	1,793,159	985,588	807,572	226,841	199,884	26,958
1995	2,399,984	1,375,623	1,024,361	2,135,087	1,137,206	997,881	264,897	238,417	26,480
1996	2,776,297	1,556,821	1,219,476	2,478,251	1,288,729	1,189,521	298,047	268,092	29,955
1997	3,154,982	1,709,990	1,444,991	2,815,831	1,407,912	1,407,919	339,151	302,078	37,072
1998	3,579,261	1,896,931	1,682,330	3,200,776	1,599,894	1,640,882	378,485	337,037	41,448

1/ Asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts for payment of retirement benefits. These excluded funds make up roughly 10 to 15 percent of total private fund assets.

2/ Includes single employer plans, plans of controlled groups of corporations and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E14. Pension Plan Contributions
by type of plan, 1979-1998
(amounts in millions)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$61,279	\$40,585	\$20,694	\$54,217	\$33,738	\$20,479	\$7,061	\$6,847	\$214
1980	66,157	42,626	23,531	58,718	35,524	23,194	7,439	7,102	337
1981	75,374	46,985	28,389	67,191	39,187	28,004	8,183	7,798	385
1982	79,502	48,438	31,064	71,320	40,807	30,513	8,182	7,631	551
1983	82,447	46,313	36,134	74,022	38,677	35,345	8,425	7,636	789
1984	90,625	47,197	43,428	81,553	38,990	42,563	9,072	8,207	865
1985	95,188	41,996	53,192	85,927	33,794	52,133	9,261	8,202	1,059
1986	91,503	33,161	58,342	82,190	25,142	57,049	9,313	8,020	1,293
1987	92,070	29,793	62,277	82,834	21,993	60,841	9,235	7,800	1,436
1988	91,248	26,300	64,948	81,612	18,352	63,261	9,636	7,948	1,688
1989	97,920	24,723	73,197	88,049	16,684	71,365	9,871	8,039	1,832
1990	98,792	23,026	75,766	89,834	15,709	74,125	8,958	7,317	1,641
1991	111,124	30,146	80,978	102,224	22,952	79,272	8,899	7,194	1,705
1992	128,795	35,174	93,621	119,682	27,964	91,718	9,114	7,210	1,904
1993	153,642	52,123	101,519	143,944	44,521	99,423	9,698	7,602	2,096
1994	144,353	39,031	105,322	133,844	30,829	103,015	10,509	8,203	2,307
1995	158,832	41,423	117,409	147,621	32,600	115,021	11,210	8,823	2,387
1996	169,540	35,803	133,737	157,204	26,174	131,030	12,335	9,629	2,707
1997	177,940	29,862	148,078	164,633	19,723	144,909	13,307	10,138	3,169
1998	201,886	34,985	166,900	187,367	24,240	163,127	14,518	10,745	3,773

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Includes both employer and employee contributions.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E15. Pension Plan Contributions of Plans with Fewer than 100 Participants
by type of plan, 1979-1998
(amounts in millions)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$11,542	\$4,323	\$7,219	\$11,495	\$4,290	\$7,205	\$46	\$33	\$13
1980	13,545	5,870	7,675	13,490	5,830	7,660	55	40	15
1981	16,406	7,163	9,242	16,304	7,079	9,225	101	84	17
1982	16,094	7,672	9,422	16,047	7,641	9,406	47	31	16
1983	17,357	7,593	9,764	17,288	7,537	9,751	69	56	13
1984	18,561	7,850	10,712	18,487	7,788	10,700	74	62	12
1985	21,575	7,404	14,171	21,489	7,339	14,150	86	65	21
1986	21,543	5,659	15,884	21,475	5,607	15,868	68	52	16
1987	19,963	4,296	15,667	19,895	4,239	15,656	67	57	11
1988	18,964	3,015	15,948	18,909	2,981	15,929	54	34	20
1989	20,995	2,763	18,232	20,961	2,742	18,219	34	21	13
1990	21,687	2,608	19,079	21,642	2,590	19,052	44	18	26
1991	21,908	2,420	19,488	21,881	2,413	19,468	27	7	21
1992	25,214	2,229	22,985	25,185	2,223	22,962	29	6	23
1993	25,959	2,451	23,508	25,904	2,418	23,486	55	33	22
1994	23,933	1,918	22,015	23,688	1,693	21,995	245	225	20
1995	28,150	2,406	25,744	28,111	2,392	25,719	39	14	25
1996	30,802	1,943	28,860	30,742	1,911	28,830	60	31	29
1997	34,285	1,977	32,309	34,204	1,936	32,268	81	41	40
1998	38,180	1,929	36,252	38,124	1,905	36,218	57	23	33

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Includes both employer and employee contributions.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E16. Pension Plan Contributions of Plans with 100 or More Participants
by type of plan, 1979-1998
(amounts in millions)

Year	Total Plans			Single Employer Plans 1/			Multiemployer Plans 2/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	49,737	36,262	13,475	42,722	29,448	13,274	7,015	6,814	201
1980	52,612	36,756	15,856	45,228	29,694	15,534	7,384	7,062	322
1981	58,968	39,822	19,147	50,887	32,108	18,779	8,082	7,714	368
1982	62,408	40,766	21,642	54,273	33,166	21,108	8,135	7,600	535
1983	65,090	38,720	26,370	56,734	31,140	25,594	8,356	7,580	776
1984	72,064	39,347	32,717	63,066	31,203	31,863	8,997	8,145	853
1985	73,613	34,592	39,021	64,438	26,455	37,983	9,175	8,137	1,038
1986	69,960	27,502	42,458	60,715	19,535	41,180	9,245	7,968	1,277
1987	72,107	25,497	46,610	62,939	17,754	45,185	9,168	7,743	1,425
1988	72,286	23,285	49,000	62,703	15,371	47,332	9,582	7,914	1,668
1989	76,925	21,960	54,965	67,088	13,942	53,146	9,837	8,018	1,819
1990	77,105	20,418	56,687	68,192	13,119	55,073	8,914	7,299	1,614
1991	89,215	27,726	61,489	80,343	20,539	59,804	8,872	7,187	1,684
1992	103,581	32,945	70,636	94,497	25,741	68,756	9,084	7,204	1,880
1993	127,683	49,672	78,011	118,040	42,103	75,937	9,643	7,569	2,074
1994	120,420	37,113	83,307	110,155	29,135	81,020	10,265	7,978	2,287
1995	130,682	39,017	91,665	119,510	30,208	89,302	11,172	8,809	2,363
1996	138,738	33,860	104,877	126,463	24,263	102,200	12,275	9,598	2,677
1997	143,655	27,886	115,770	130,429	17,788	112,641	13,226	10,097	3,128
1998	163,705	33,057	130,649	149,244	22,335	126,909	14,462	10,722	3,739

1/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

2/ Includes multiemployer plans and multiple-employer collectively bargained plans.

NOTE: Includes both employer and employee contributions.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

Table E17. Pension Plan Benefits Disbursed
by type of plan, 1979-1998 1/
(amounts in millions)

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$28,680	\$18,688	\$9,991	\$25,272	\$15,386	\$9,886	\$3,408	\$3,302	\$106
1980	35,280	22,148	13,132	31,485	18,524	12,961	3,795	3,624	171
1981	44,753	27,334	17,420	40,281	22,987	17,294	4,473	4,347	125
1982	55,307	33,875	21,432	50,219	28,957	21,263	5,088	4,918	170
1983	65,333	36,976	28,357	59,547	31,507	28,040	5,786	5,469	317
1984	79,086	46,513	32,573	72,510	40,269	32,241	6,576	6,244	332
1985	101,898	54,466	47,432	94,792	47,801	46,991	7,106	6,665	441
1986	130,483	67,974	62,509	122,613	60,612	62,000	7,870	7,361	579
1987	122,254	66,241	56,013	113,834	58,345	55,489	8,420	7,896	524
1988	118,645	60,450	58,195	109,446	51,910	57,535	9,200	8,540	660
1989	132,049	66,707	65,342	121,750	57,236	64,514	10,299	9,471	828
1990	129,405	66,363	63,042	118,227	56,079	62,147	11,178	10,284	894
1991	135,552	71,503	64,048	123,986	61,081	62,904	11,566	10,422	1,144
1992	152,441	77,853	74,588	139,247	66,287	72,960	13,194	11,566	1,628
1993	156,305	79,093	77,212	142,471	66,847	75,625	13,834	12,246	1,587
1994	163,934	82,625	81,309	149,035	69,417	79,617	14,899	13,207	1,692
1995	183,025	85,134	97,892	167,249	70,947	96,302	15,777	14,187	1,590
1996	213,399	96,914	116,485	196,224	81,436	114,788	17,176	15,478	1,698
1997	232,479	97,213	135,266	214,191	80,994	133,197	18,288	16,219	2,069
1998	273,115	111,249	161,866	253,270	93,558	159,711	19,845	17,690	2,155

1/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits paid directly by insurance carriers.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E18. Pension Plan Benefits Disbursed From Plans
with Fewer than 100 Participants
by type of plan, 1979-1998 1/
(amounts in millions)**

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$3,614	\$1,442	\$2,171	\$3,586	\$1,420	\$2,166	\$28	\$23	\$5
1980	5,123	2,076	3,047	5,086	2,044	3,042	37	32	5
1981	6,991	2,789	4,203	6,940	2,740	4,200	52	49	2
1982	10,736	5,782	4,954	10,679	5,736	4,943	56	46	10
1983	11,649	4,213	7,436	11,580	4,149	7,431	70	65	6
1984	14,311	6,290	8,021	14,237	6,225	8,012	74	65	9
1985	22,493	8,936	13,557	22,403	8,872	13,531	90	63	26
1986	38,484	14,730	24,527	38,355	14,604	23,749	129	125	5
1987	34,584	14,796	19,788	34,425	14,665	19,760	159	131	28
1988	33,718	12,069	21,649	33,657	12,018	21,639	61	51	10
1989	37,063	12,369	24,694	36,914	12,252	24,662	149	117	32
1990	34,238	10,798	23,439	34,098	10,737	23,361	139	61	78
1991	30,601	9,489	21,112	30,532	9,448	21,083	69	41	28
1992	30,763	7,929	22,834	30,720	7,912	22,808	43	17	26
1993	29,230	6,660	22,570	29,129	6,582	22,547	100	77	23
1994	25,900	4,860	21,040	25,743	4,737	21,007	157	124	33
1995	33,927	7,100	26,827	33,816	7,035	26,781	111	65	46
1996	36,376	7,057	29,320	36,247	6,965	29,282	129	92	37
1997	43,066	7,720	35,346	42,879	7,608	35,271	187	112	75
1998	48,701	8,362	40,338	48,534	8,300	40,234	167	62	104

1/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits paid directly by insurance carriers.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E19. Pension Plan Benefits Disbursed From Plans
with 100 or More Participants
by type of plan, 1979-1998 1/
(amounts in millions)**

Year	Total Plans			Single Employer Plans 2/			Multiemployer Plans 3/		
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution
1979	\$25,066	\$17,246	\$7,820	\$21,686	\$13,966	\$7,720	\$3,380	\$3,279	\$101
1980	30,157	20,072	10,085	26,399	16,480	9,919	3,758	3,592	166
1981	37,762	24,545	13,217	33,341	20,247	13,094	4,421	4,298	123
1982	44,571	28,093	16,478	39,540	23,221	16,319	5,032	4,872	160
1983	55,693	32,763	22,920	47,967	27,358	20,609	5,715	5,404	311
1984	64,775	40,223	24,552	58,273	34,044	24,229	6,502	6,179	322
1985	79,405	45,530	33,875	72,389	38,929	33,460	7,016	6,602	415
1986	91,999	53,244	38,754	84,258	46,008	38,250	7,741	7,236	504
1987	87,680	51,445	36,225	79,409	43,680	35,729	8,262	7,765	496
1988	84,926	48,381	36,546	75,787	39,892	35,896	9,139	8,489	650
1989	94,987	54,339	40,648	84,836	44,984	39,852	10,151	9,355	796
1990	95,167	55,564	39,603	84,128	45,342	38,786	11,039	10,222	816
1991	104,951	62,014	42,937	93,454	51,633	41,821	11,497	10,381	1,116
1992	121,678	69,924	51,755	108,527	58,374	50,153	13,151	11,549	1,602
1993	127,076	72,433	54,643	113,342	60,264	53,078	13,734	12,169	1,565
1994	138,034	77,764	60,269	123,291	64,681	58,611	14,742	13,084	1,659
1995	149,099	78,034	71,065	133,433	63,912	69,521	15,666	14,122	1,544
1996	177,023	89,858	87,166	159,976	74,471	85,505	17,047	15,386	1,660
1997	189,413	89,493	99,920	171,312	73,386	97,926	18,101	16,107	1,994
1998	224,414	102,886	121,528	204,736	85,258	119,477	19,678	17,628	2,050

1/ Amounts shown include both benefits paid directly from trust funds and premium payments made by plans to insurance carriers. Amounts exclude benefits paid directly by insurance carriers.

2/ Includes single employer plans, plans of controlled groups of corporations, and multiple-employer noncollectively bargained plans.

3/ Includes multiemployer plans and multiple-employer collectively bargained plans.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E20. Percentage Distribution of Active Participants
in Plans with 100 or More Participants
by vesting status, 1979-1998**

Year	All Plans				Defined Benefit Plans				Defined Contribution Plans			
	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested
1979	100	46	12	42	100	40	6	54	100	58	25	17
1980	100	45	12	42	100	38	6	56	100	58	25	17
1981	100	46	13	41	100	40	6	55	100	58	25	17
1982	100	48	13	39	100	41	5	54	100	60	24	17
1983	100	53	12	35	100	43	5	52	100	65	21	14
1984	100	55	12	32	100	44	6	51	100	68	20	13
1985	100	57	12	31	100	44	5	51	100	69	19	12
1986	100	58	12	30	100	45	5	50	100	70	19	11
1987	100	58	12	30	100	46	5	49	100	69	19	12
1988	100	60	11	30	100	49	4	47	100	69	18	13
1989	100	65	9	26	100	58	2	40	100	71	14	14
1990	100	67	9	24	100	60	2	38	100	72	14	14
1991	100	67	9	24	100	61	2	37	100	71	14	15
1992	100	68	10	22	100	64	2	34	100	71	14	15
1993	100	69	10	21	100	66	2	32	100	72	14	14
1994	100	70	9	21	100	67	2	31	100	72	14	14
1995	100	69	10	21	100	68	2	31	100	70	14	16
1996	100	71	11	18	100	68	1	30	100	73	16	11
1997	100	71	11	18	100	68	1	31	100	72	16	11
1998	100	69	12	19	100	66	3	32	100	71	18	12

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E21. Percentage Distribution of Active Participants in Single Employer
Plans with 100 or More Participants
by vesting status, 1979-1998**

Year	All Plans				Defined Benefit Plans				Defined Contribution Plans			
	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested
1979	100	48	13	39	100	41	6	53	100	58	26	17
1980	100	47	14	39	100	40	6	54	100	58	25	17
1981	100	48	14	38	100	41	5	54	100	57	26	17
1982	100	49	14	36	100	42	5	53	100	59	25	17
1983	100	54	14	33	100	43	6	51	100	64	22	14
1984	100	56	14	30	100	44	6	50	100	67	20	13
1985	100	57	14	29	100	43	6	51	100	68	20	12
1986	100	58	14	28	100	44	6	50	100	70	19	11
1987	100	58	13	28	100	46	6	49	100	68	20	12
1988	100	60	12	28	100	50	4	46	100	68	19	13
1989	100	67	10	24	100	61	2	37	100	71	15	14
1990	100	68	9	23	100	62	2	36	100	72	14	14
1991	100	68	10	22	100	65	2	33	100	70	15	15
1992	100	69	10	21	100	67	2	32	100	70	15	15
1993	100	70	10	19	100	69	2	29	100	71	15	14
1994	100	71	10	19	100	71	1	28	100	71	14	15
1995	100	70	11	20	100	71	1	27	100	69	15	16
1996	100	72	12	16	100	72	1	27	100	72	17	11
1997	100	72	13	16	100	71	1	28	100	72	17	11
1998	100	69	14	17	100	69	3	28	100	69	19	12

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E22. Percentage Distribution of Active Participants in Multiemployer
Plans with 100 or More Participants
by vesting status, 1979-1998**

Year	All Plans				Defined Benefit Plans				Defined Contribution Plans			
	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested	Total	Fully Vested	Partially Vested	Not Vested
1979	100	38	7	55	100	35	7	59	100	90	4	7
1980	100	35	6	59	100	32	6	63	100	78	3	19
1981	100	41	6	53	100	36	6	57	100	88	3	9
1982	100	42	4	53	100	38	4	58	100	82	3	15
1983	100	47	4	48	100	42	5	54	100	86	3	11
1984	100	48	5	47	100	42	6	52	100	87	2	12
1985	100	51	3	46	100	45	4	52	100	89	2	9
1986	100	53	3	44	100	46	3	51	100	88	2	10
1987	100	53	4	43	100	45	3	52	100	86	6	9
1988	100	55	3	42	100	46	3	52	100	89	2	8
1989	100	54	2	44	100	45	2	53	100	86	2	12
1990	100	57	2	41	100	48	3	50	100	87	2	11
1991	100	57	3	40	100	47	3	50	100	88	2	11
1992	100	59	3	37	100	50	4	46	100	84	2	14
1993	100	61	3	36	100	52	3	45	100	85	3	12
1994	100	62	3	35	100	52	3	45	100	88	3	9
1995	100	63	2	35	100	53	2	45	100	89	2	9
1996	100	64	2	34	100	53	2	45	100	92	2	7
1997	100	65	2	34	100	53	2	45	100	92	2	7
1998	100	67	1	32	100	55	1	44	100	92	1	6

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1979-1998 plan years.

**Table E23. Number of 401(k) Type Plans, Participants, Assets,
Contributions, and Benefit Payments, 1984-1998**

Year	Number of Plans	Active Participants (thousands)	Assets (millions)	Contributions (millions)	Benefits (millions)
1984	17,303	7,540	\$91,754	\$16,291	\$10,617
1985	29,869	10,339	143,939	24,322	16,399
1986	37,420	11,559	182,784	29,226	22,098
1987	45,054	13,131	215,477	33,185	22,215
1988	68,121	15,203	276,995	39,412	25,235
1989	83,301	17,337	357,015	46,081	30,875
1990	97,614	19,548	384,854	48,998	32,028
1991	111,394	19,126	440,259	51,533	32,734
1992	139,704	22,404	552,959	64,345	43,166
1993	154,527	23,138	616,316	69,322	44,206
1994	174,945	25,206	674,681	75,878	50,659
1995	200,813	28,061	863,918	87,416	62,163
1996	230,808	30,843	1,061,493	103,973	78,481
1997	265,251	33,865	1,264,168	115,673	93,070
1998	300,593	37,114	1,540,975	134,659	120,693

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1984-1998 plan years.

**Table E24. Aggregate Rates of Return Earned by Private Pension Plans
with 100 or more Participants, 1985-1997**

Year 1/	Total Plans			Single Employer			Multiemployer			Total 401(k)	Total ESOP
	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution	Total	Defined Benefit	Defined Contribution		
1985	19.6%	20.1%	18.4%	20.0%	20.6%	18.5%	16.8%	17.0%	12.7%	n/a	n/a
1986	13.9	14.1	13.3	14.1	14.4	13.4	12.5	12.6	10.3	n/a	n/a
1987	4.6	4.4	4.8	4.7	4.6	4.8	3.7	3.5	6.4	n/a	n/a
1988	12.4	12.1	13.1	12.6	12.2	13.2	11.6	11.8	9.5	n/a	n/a
1989	11.2	12.1	9.4	11.9	13.2	9.7	6.0	6.4	1.8	n/a	n/a
1990	3.5	3.5	3.5	3.1	2.8	3.4	6.8	6.7	7.4	3.6	-1.3
1991	17.5	18.8	15.1	17.8	19.6	15.2	14.9	15.2	12.0	14.7	14.7
1992	8.8	8.3	9.8	8.8	8.0	9.8	9.3	9.4	8.7	10.3	13.4
1993	10.2	10.5	9.8	10.6	11.1	9.9	7.4	7.5	6.2	9.8	12.8
1994	2.9	2.2	3.8	2.7	1.8	3.8	4.4	4.5	3.9	3.7	4.1
1995	20.8	21.4	20.0	21.0	21.6	20.3	19.5	20.5	11.8	20.5	22.9
1996	14.9	14.8	15.0	15.0	14.9	15.2	13.8	14.3	9.6	14.8	18.4
1997	17.9	16.8	19.3	18.0	16.6	19.5	17.1	17.5	13.6	19.4	23.8
1998	14.9	14.2	15.8	15.3	14.6	15.9	11.9	12.2	9.6	12.0	17.0
Geo. mean 2/											
1985-98	12.2	12.2	12.1	12.4	12.4	12.2	11.0	11.2	8.8	n/a	n/a
1994-98	14.1	13.7	14.6	14.2	13.7	14.8	13.2	13.7	9.6	13.9	17.0
1996-98	15.9	15.2	16.7	16.1	15.4	16.8	14.2	14.6	10.9	15.4	19.7
Std. deviation 3/											
1985-98	5.6	5.8	5.4	5.8	6.1	5.4	4.8	5.0	3.3	n/a	n/a
1994-98	6.1	6.3	5.8	6.2	6.5	5.9	5.2	5.4	3.3	6.0	7.1
1996-98	1.4	1.1	1.9	1.3	0.9	1.9	2.1	2.2	1.9	3.1	2.9

1/ The 1994 row, for example, represents all plan years that began in 1994. About 77 percent of these plan years began on January 1, 1994.

2/ The geometric mean is computed by adding one to the aggregate rate of return for each of the *n* years, taking the product of the sums, and taking the *n*th root of the product, and subtracting one.

3/ Standard deviation formula uses a denominator definition of *n*, not *n*-1.

Note: Rates of return have been derived directly from tables C4-C11 and from similar published summary tables for prior years. The rate of return formula is the same as that described in Chapter 12 of the 1989 DOL volume entitled "Trends in Pensions," except that the return formula used here refines the treatment of receivables. The receivable line item called "income receivables," which first appeared on the 1988 form, is not deducted from total assets because such assets may produce investment income. The formula makes no adjustment for reporting periods other than one year, which are reported on approximately 3 percent of Form 5500 filings. Because the Form 5500 does not provide information on the timing of cash flows during the year, a time weighted rate of return cannot be derived. The formula used assumes that all cash flows occur in the middle of the plan's reporting period. The cash flow for which this assumption is most uncertain is contributions. The overall 1994 rate of return reported as 2.9 percent could be as low as 2.80 percent or as high as 2.98 percent depending on the assumption regarding the timing of contributions during the year. The overall 1995 rate of return reported as 20.8 percent could be as low as 20.15 percent or as high as 21.53 percent.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1985-1998 plan years.

**Table E25. Aggregate Investment Performance of Private Pension Plans
with 100 or More Participants, 1985-1998**

Year	Average Investable 1/ Assets	Investment Income 2/	Appreciation			Total DFE 3/ Income	Total Return on Investment 4/	Total Rate of Return 5/	Growth of Investable Assets 6/
			Realized	Unrealized	Total				
1985	\$852,433	\$49,936	\$41,170	\$68,007	\$109,177	\$8,042	\$167,155	19.6%	
1986	1,007,303	55,572	65,830	15,924	81,754	2,922	140,248	13.9	18.2%
1987	1,118,764	58,359	49,825	-58,758	-8,933	1,511	50,937	4.6	11.1
1988	1,135,950	47,509	13,609	30,597	44,206	49,613	141,328	12.4	1.5
1989	1,268,455	12,484	23,197	38,963	62,160	67,305	141,949	11.2	11.7
1990	1,395,262	49,855	1,995	-16,810	-14,815	13,866	48,906	3.5	10.0
1991	1,411,538	49,457	15,435	73,766	89,201	108,288	246,946	17.5	1.2
1992	1,658,785	45,325	9,126	30,378	39,504	61,706	146,535	8.8	17.5
1993	1,808,728	45,340	15,142	30,099	45,241	93,800	184,381	10.2	9.0
1994	1,961,820	43,012	1,871	-10,567	-8,696	22,283	56,599	2.9	8.5
1995	1,975,258	48,331	32,145	120,317	152,462	210,447	411,240	20.8	0.7
1996	2,383,830	50,844	27,349	87,761	115,110	189,439	355,393	14.9	20.7
1997	2,699,052	53,862	51,788	122,825	174,613	254,663	483,138	17.9	13.2
1998	3,108,337	51,457	34,043	106,324	140,367	271,865	463,689	14.9	15.2
Geo. mean /7								12.0	9.3

1/ Average of beginning-of-year and end-of-year levels of all assets except contributions receivable and value of buildings and other property used in plan operations minus one-half of total return.

2/ Sum of interest, dividends, rents, and (for years 1985-87) royalties.

3/ The DFE category includes direct filing entities (common/collective trusts, master trusts, 103-12 investment entities, and pooled separate accounts) and funds invested through registered investment companies and insurance company general accounts .

4/ Sum of investment income, total appreciation, and total DFE income.

5/ Total return as a percentage of average investable assets. See note for previous table.

6/ Percentage increase in average investable assets (column 1) from previous year to current year.

7/ The geometric mean is computed by adding one to the percentage change for each of the n years, taking the product of the sums, taking the nth root of the product, and subtracting one.

Table E26. Aggregate Rates of Return Earned by Employee Stock Ownership Plans and 401(k) Plans with 100 or More Participants, 1990-1998

Year	401(k) Plans			Employee Stock Ownership Plans		
	Total	Sole Plan 1/	Not Sole Plan 2/	Total	Leveraged	Nonleveraged
1990	3.6%	4.5%	3.5%	-1.3%	-1.0%	-1.5%
1991	14.7	14.6	14.7	14.7	18.9	12.6
1992	10.3	9.0	10.5	13.4	15.1	12.3
1993	9.8	8.8	10.0	12.8	10.6	14.3
1994	3.7	3.4	3.7	4.1	4.4	4.0
1995	20.5	18.5	20.9	22.9	17.5	24.7
1996	14.8	14.3	15.0	18.4	18.2	18.5
1997	19.4	18.3	19.7	23.8	24.7	23.5
1998	12.0	11.8	12.1	17.0	18.6	16.5
Geometric mean 3/						
1990-98	11.9	11.3	12.1	13.7	13.8	13.6
1994-98	13.9	13.1	14.1	17.0	16.5	17.2
1996-98	15.4	14.8	15.6	19.7	20.5	19.4
Std. deviation 4/						
1990-98	5.7	5.2	5.8	7.7	7.6	8.0
1994-98	6.0	5.6	6.2	7.0	6.7	7.4
1996-98	3.0	2.7	3.1	2.9	3.0	2.9

1/ 401(k) plan is only plan sponsored by employer

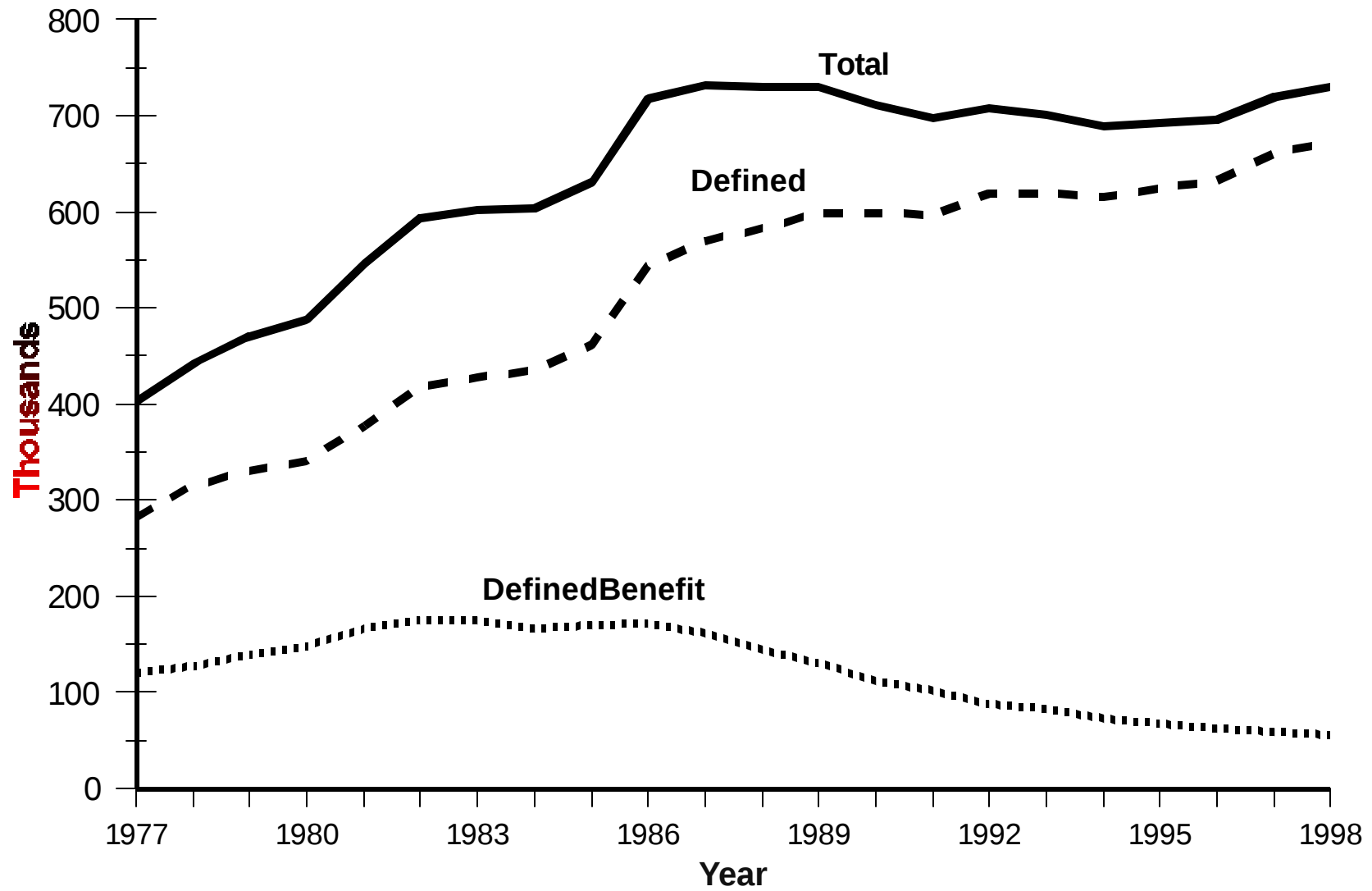
2. Employer sponsoring 401(k) plan also sponsors other pension plan(s)

3/ Computed by adding one to the aggregate rate of return for each of the *n* years, taking the product of the sums and taking the *n*th root of the product and subtracting one.

4/ Standard deviation formula uses a denominator definition of *n*, not *n*-1.

Source: Form 5500 series reports filed with the Internal Revenue Service for 1990-1998 plan years.

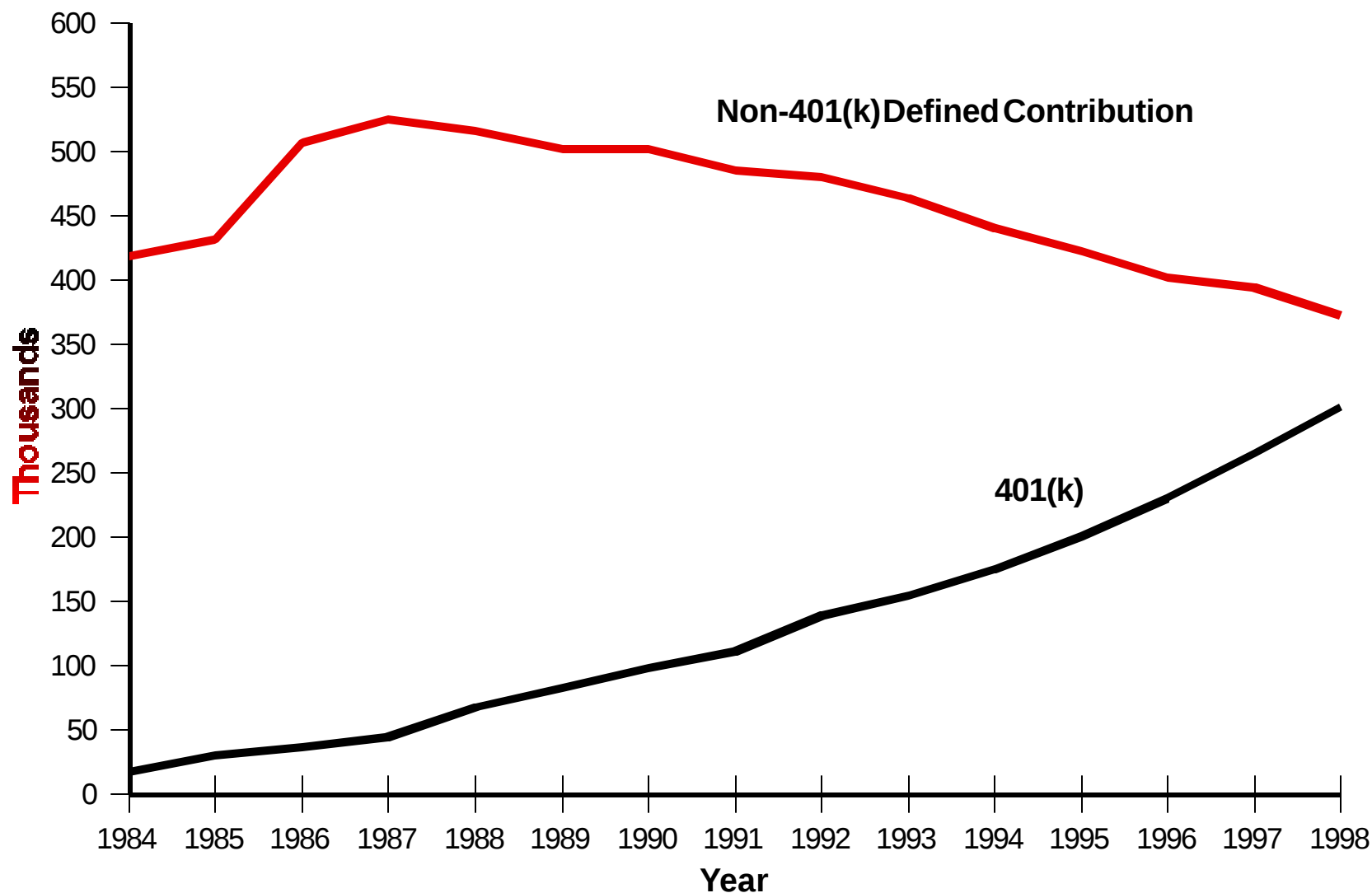
**Figure E1. Number of Pension Plans,
1977-1998**



Reference: Table E1.

Source: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

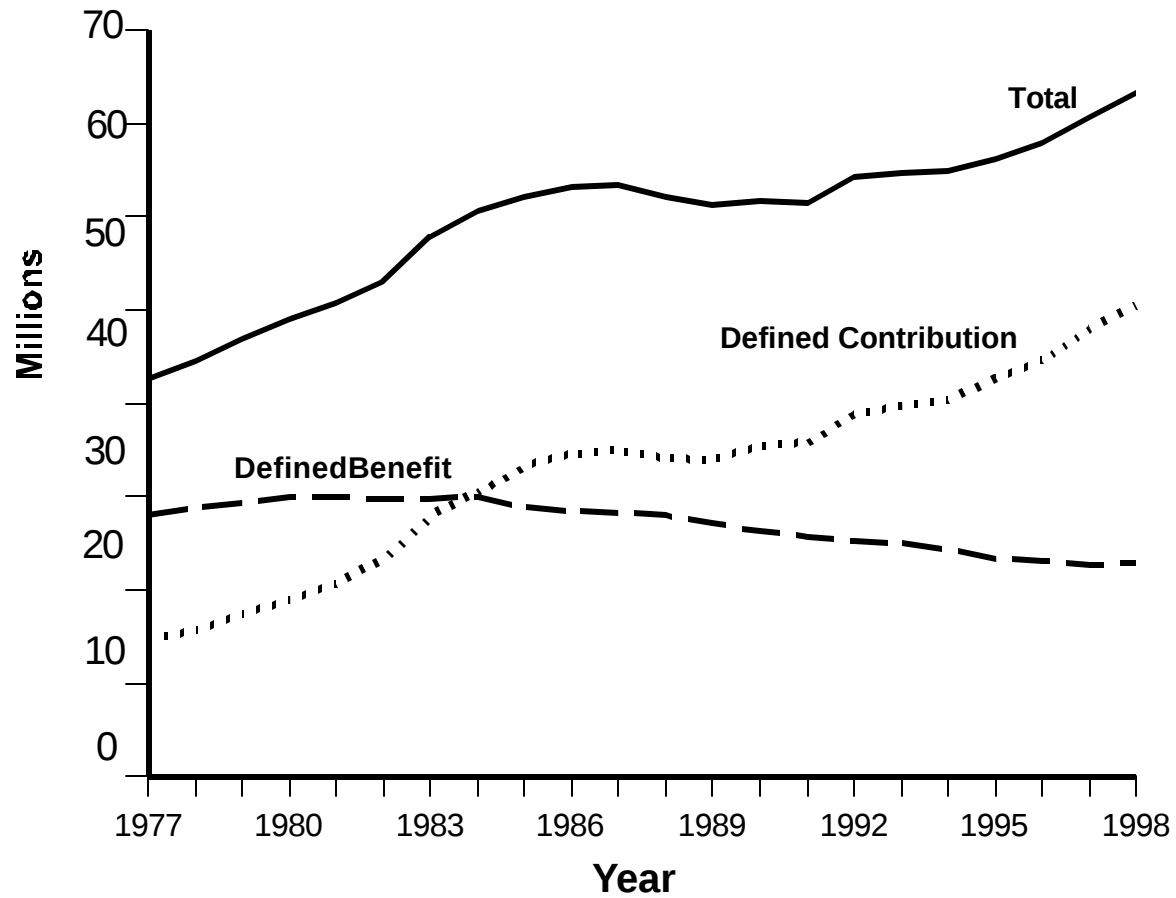
**Figure E2. Number of Defined Contribution Plans,
1984-1998**



Reference: Table E23.

Source: Form 5500 series reports filed with the Internal Revenue Service for 1984-1998 plan years.

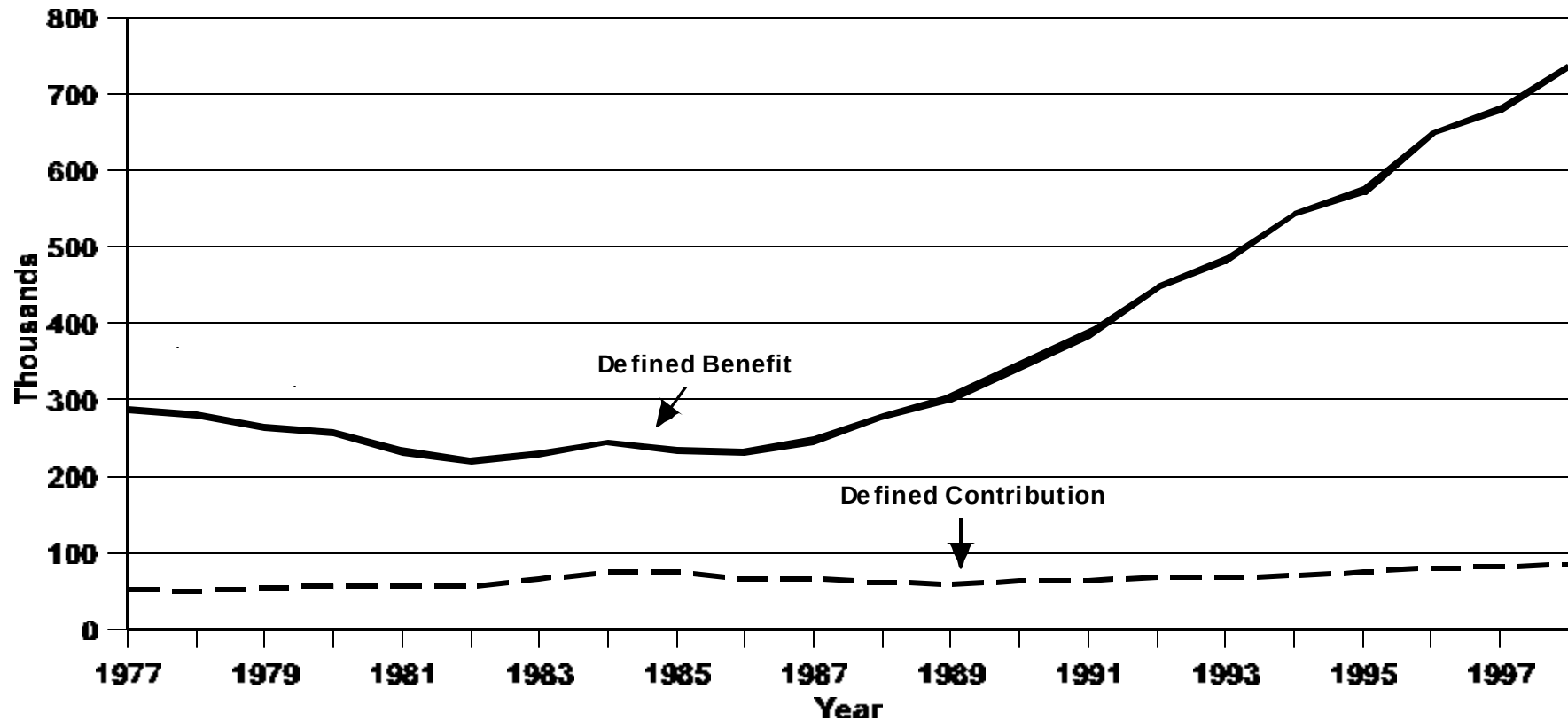
**FIGURE E3. Pension Plan Active Participants,
1977-1998**



Reference: Table E8.

Source: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

**Figure E4. Participants per Plan
by type of plan, 1977-1998**

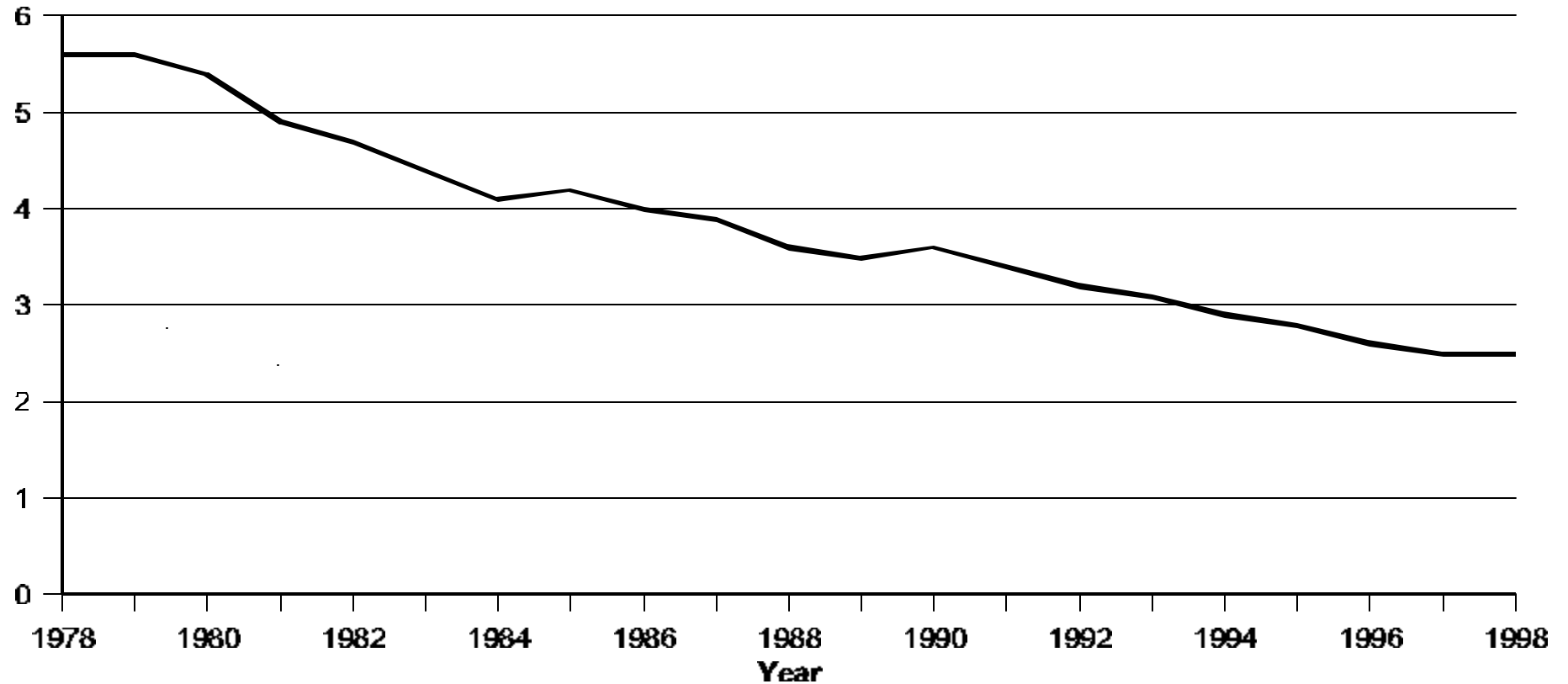


Reference: Tables E1 and E5.

Note: The total number of participants in defined benefit plans increased only slightly from 40 million in 1986 to 41.5 million in 1998 (Table E5). The average number of participants per defined benefit plan grew dramatically over the same period, because the number of defined benefit plans has fallen 67 percent (Table E1).

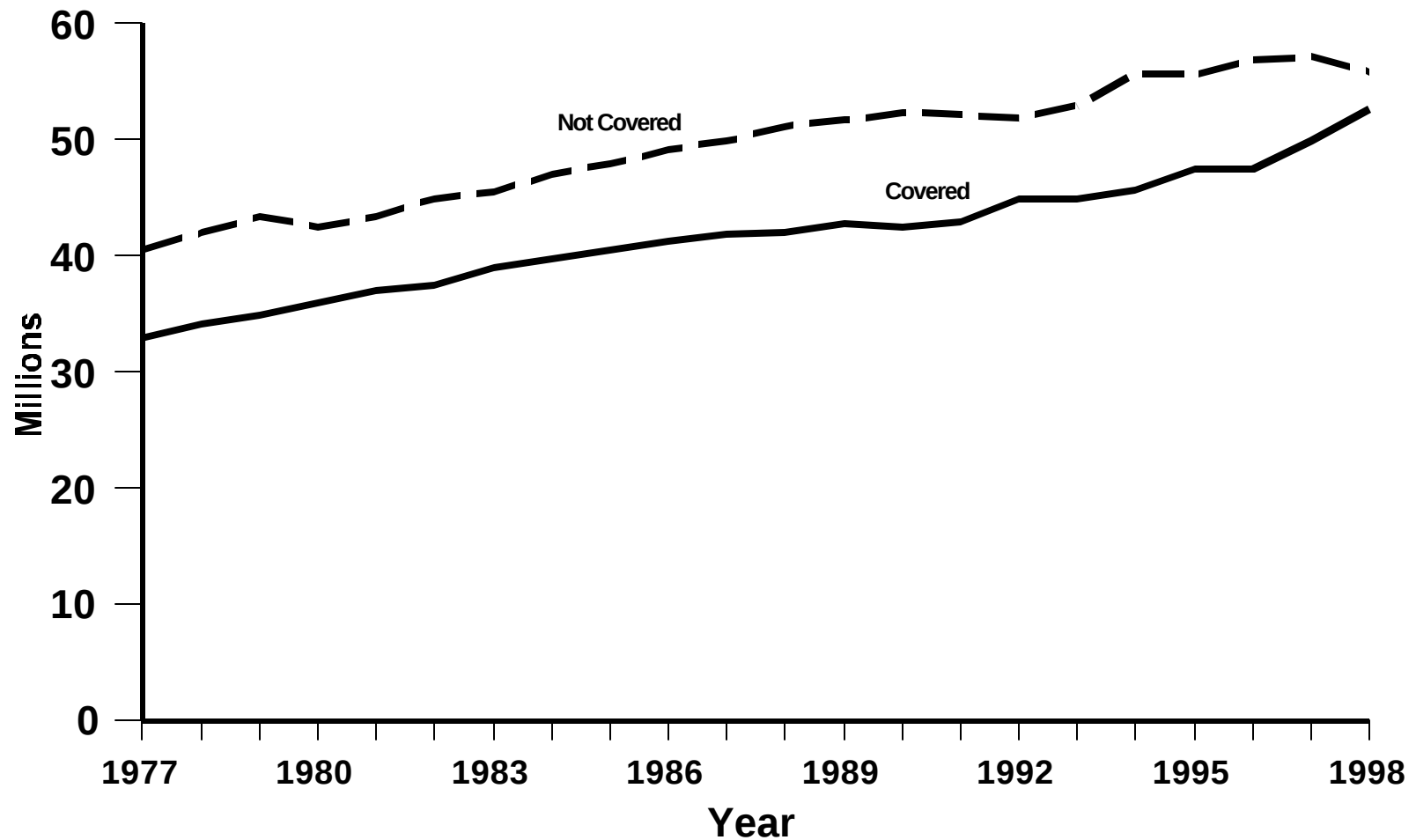
SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

**Figure E5. Ratio of Active to Retired Participants
In Defined Benefit Plans, 1978-1998**



SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1978-1998 plan years.

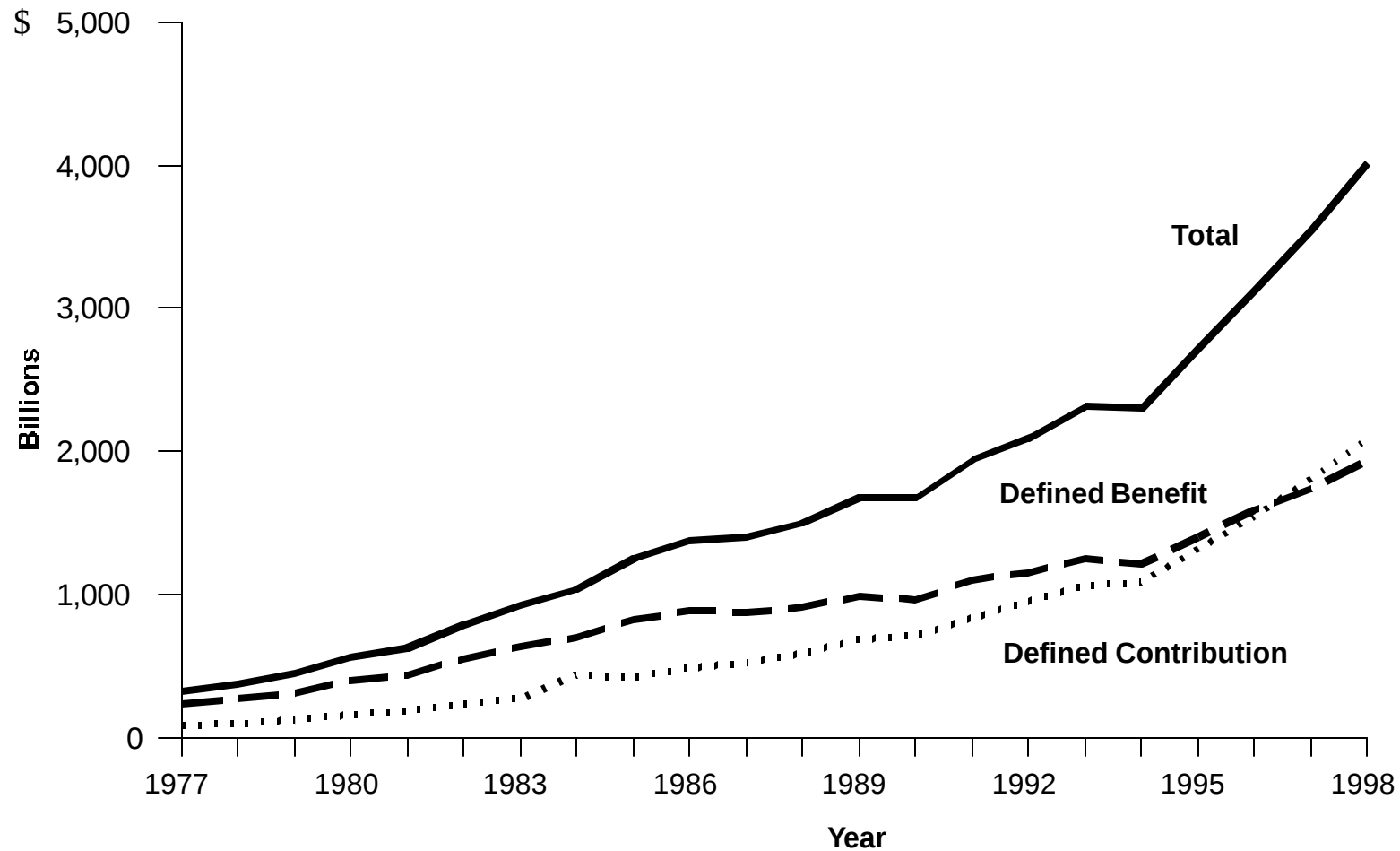
Figure E6. Pension Coverage of Wage and Salary Workers, 1977-1998



Reference:

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

**Figure E7. Pension Plan Assets,
1977-1998**

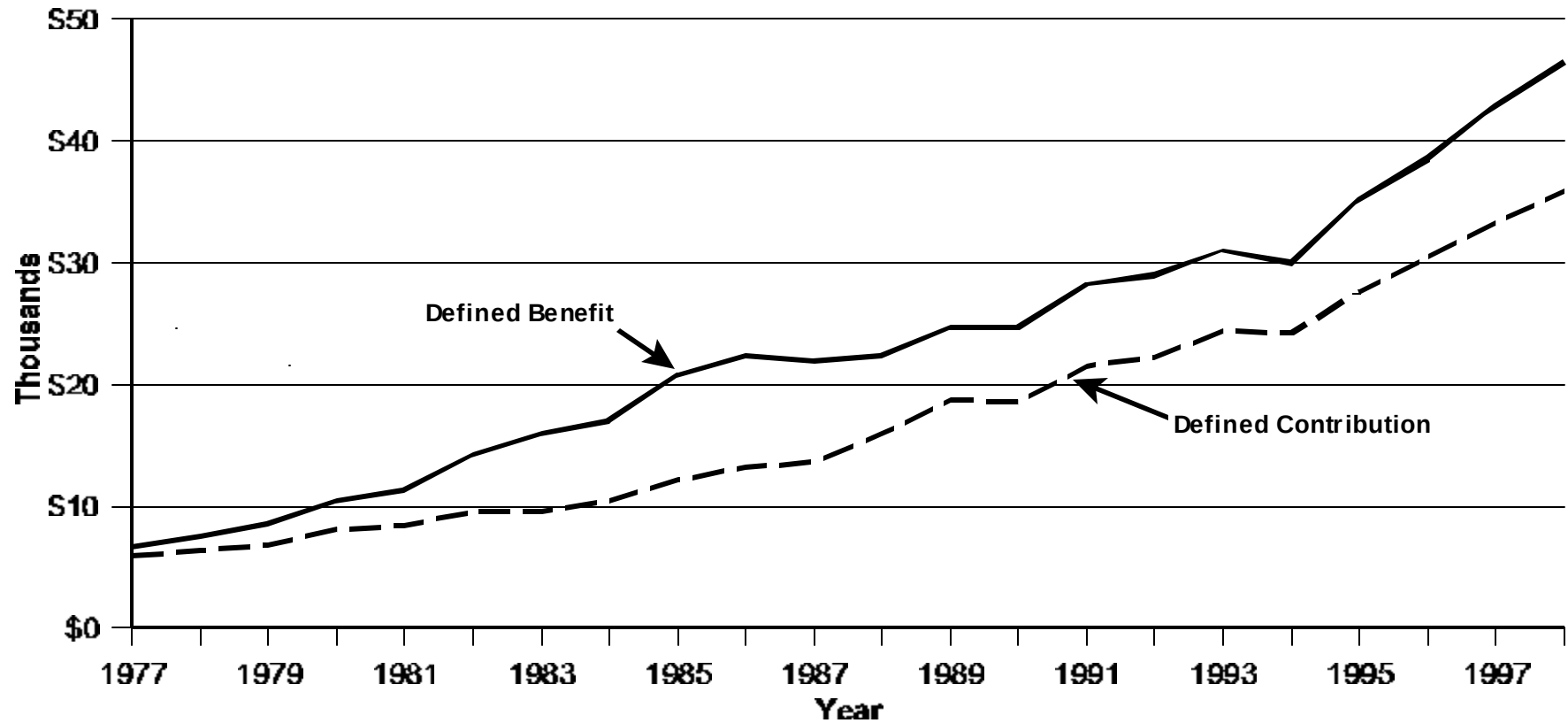


Reference: Table E11.

Note: Total asset amounts shown exclude funds held by life insurance companies under allocated group insurance contracts. These funds equal 10 to 15 percent of pension assets.

Source: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

**Figure E8. Assets per Participant
by type of plan, 1977-1998**

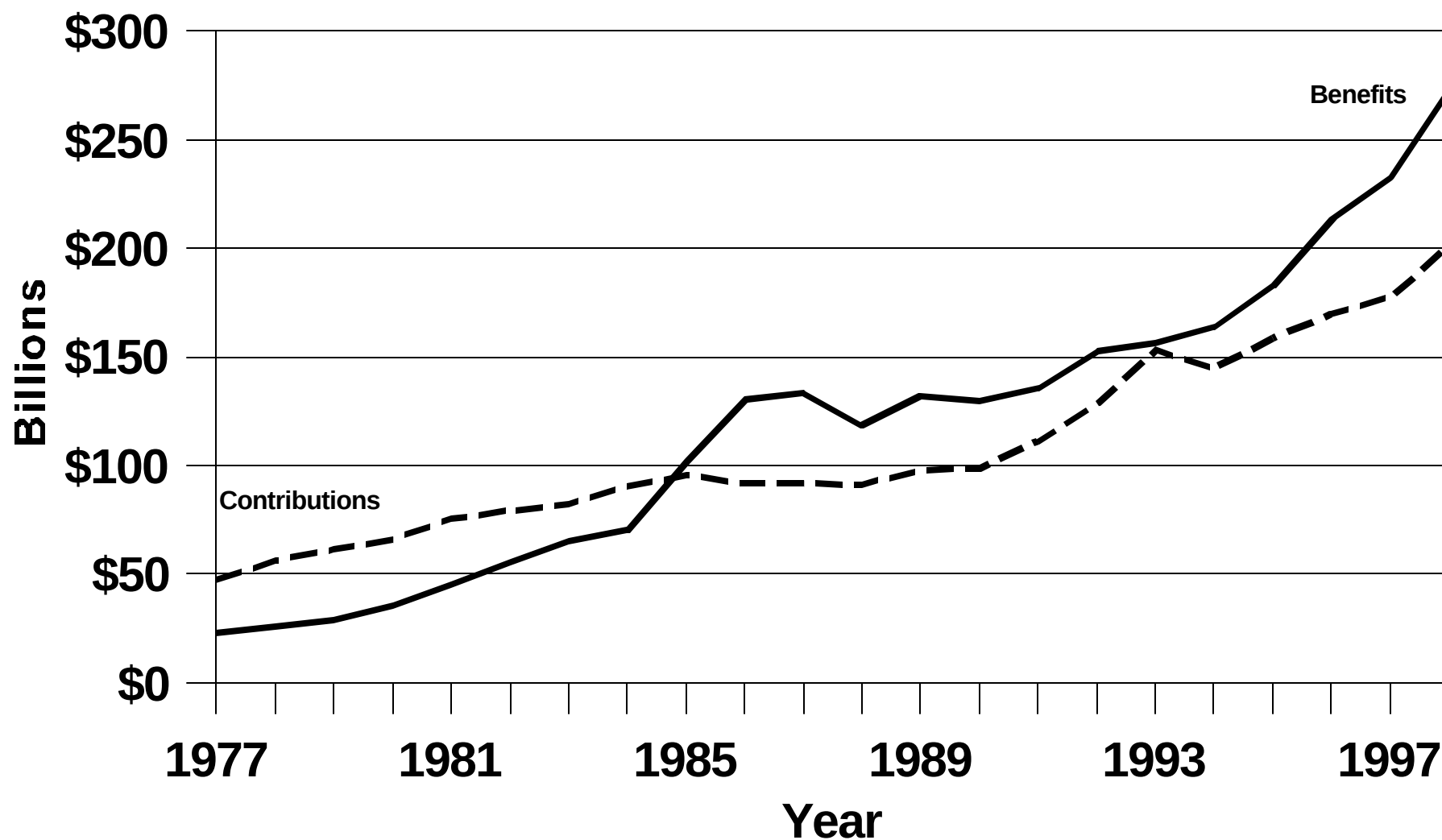


Reference: Tables E5 and E11.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years.

Figure E9. Pension Plan Contributions and Benefits

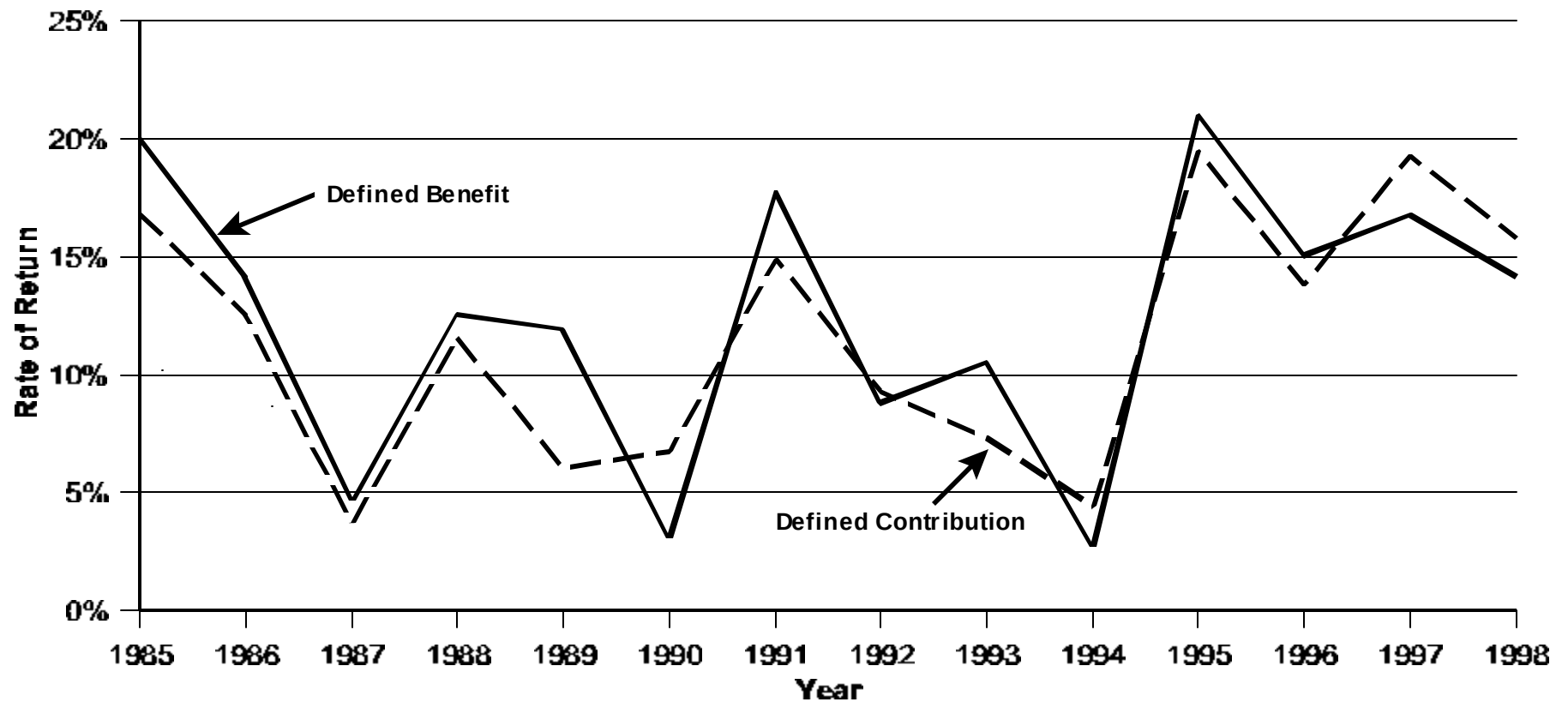
1977-1998



Reference: Tables E14 and E17

Source: Form 5500 series reports filed with the Internal Revenue Service for 1977-1998 plan years

**Figure E10. Rates of Return
by type of plan, 1985-1998**

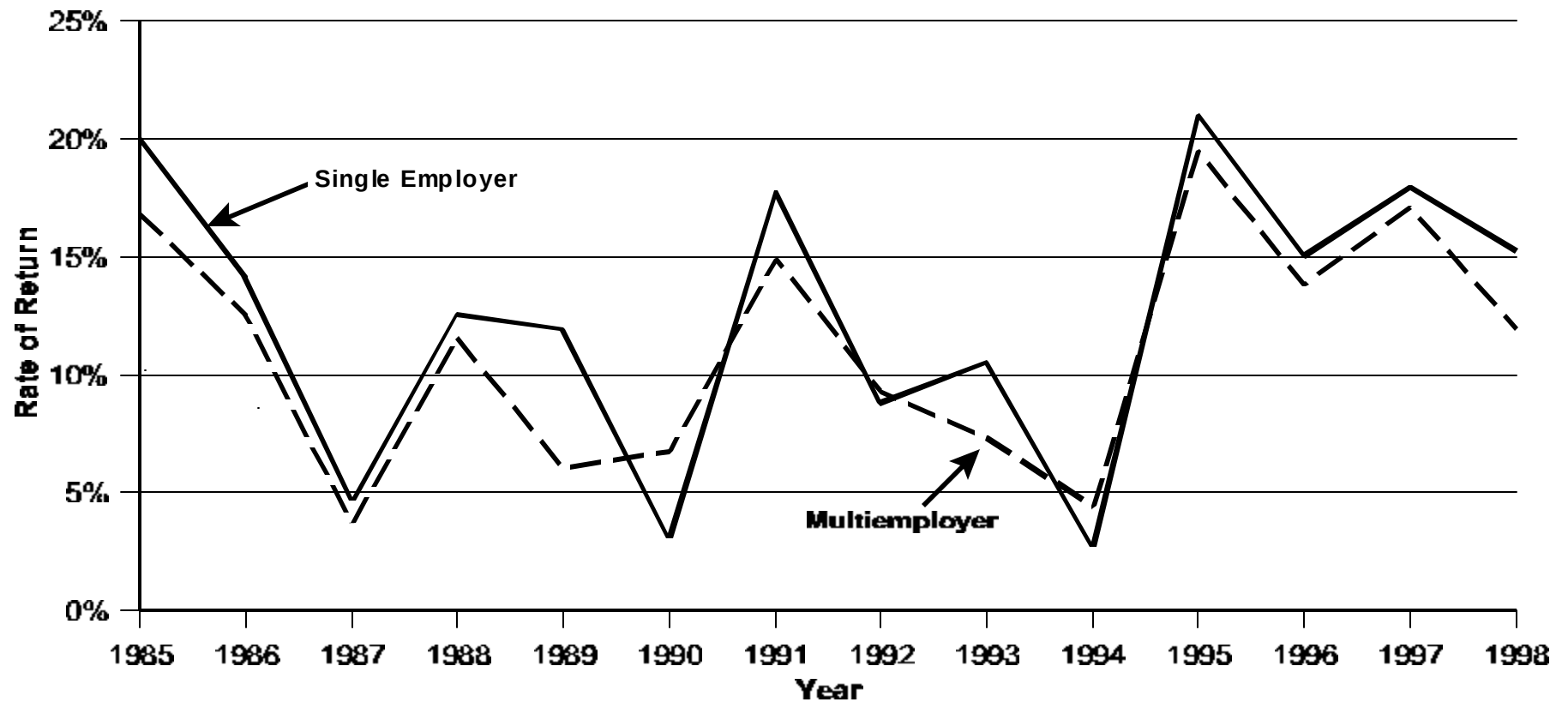


Reference: Table E24.

Note: Plans with 100 or more participants only.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1985-1998 plan years.

Figure E11. Rates of Return for Single and Multiemployer Plans, 1985-1998

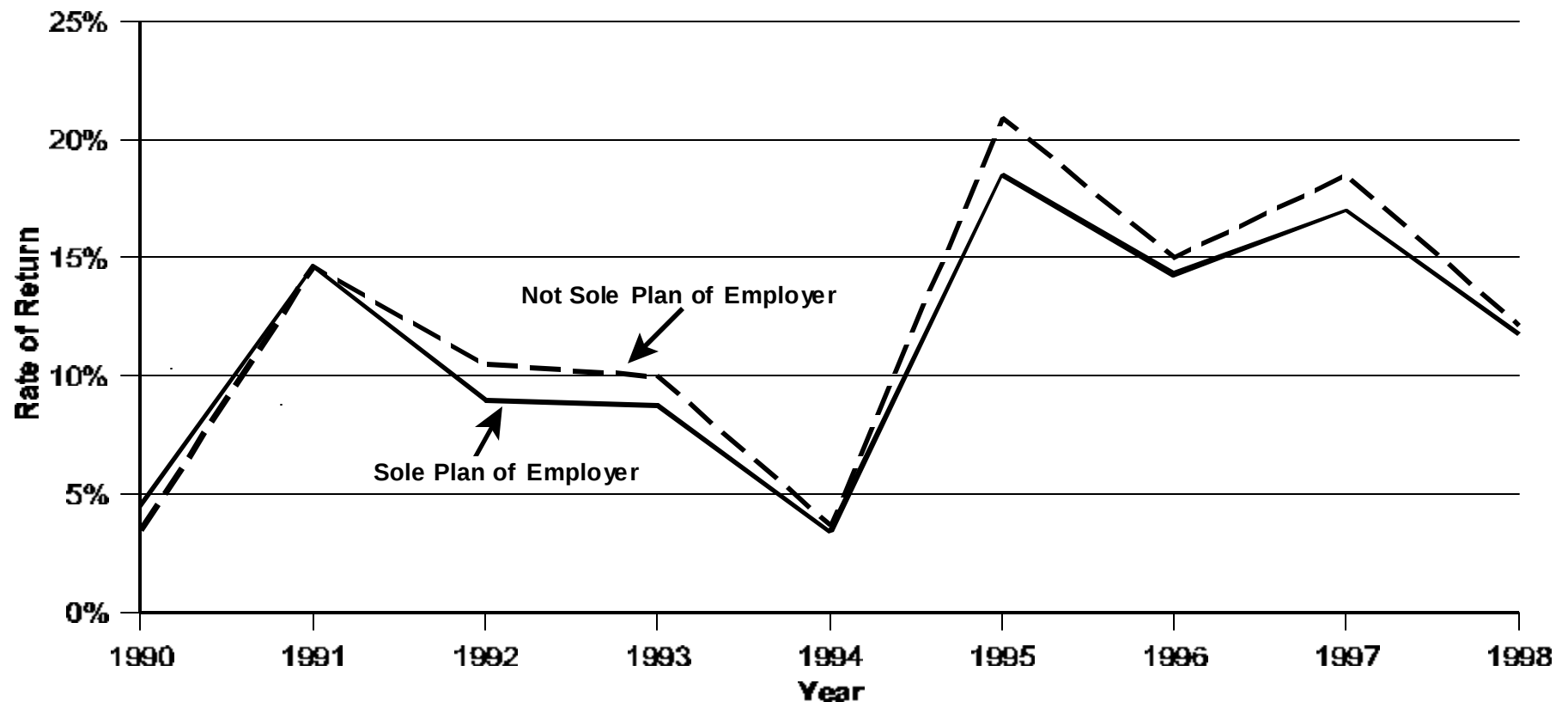


Reference: Table E24.

Note: Plans with 100 or more participants only.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1985-1998 plan years.

**Figure E12. Rates of Return for 401(k) Type Plans,
1990-1998**

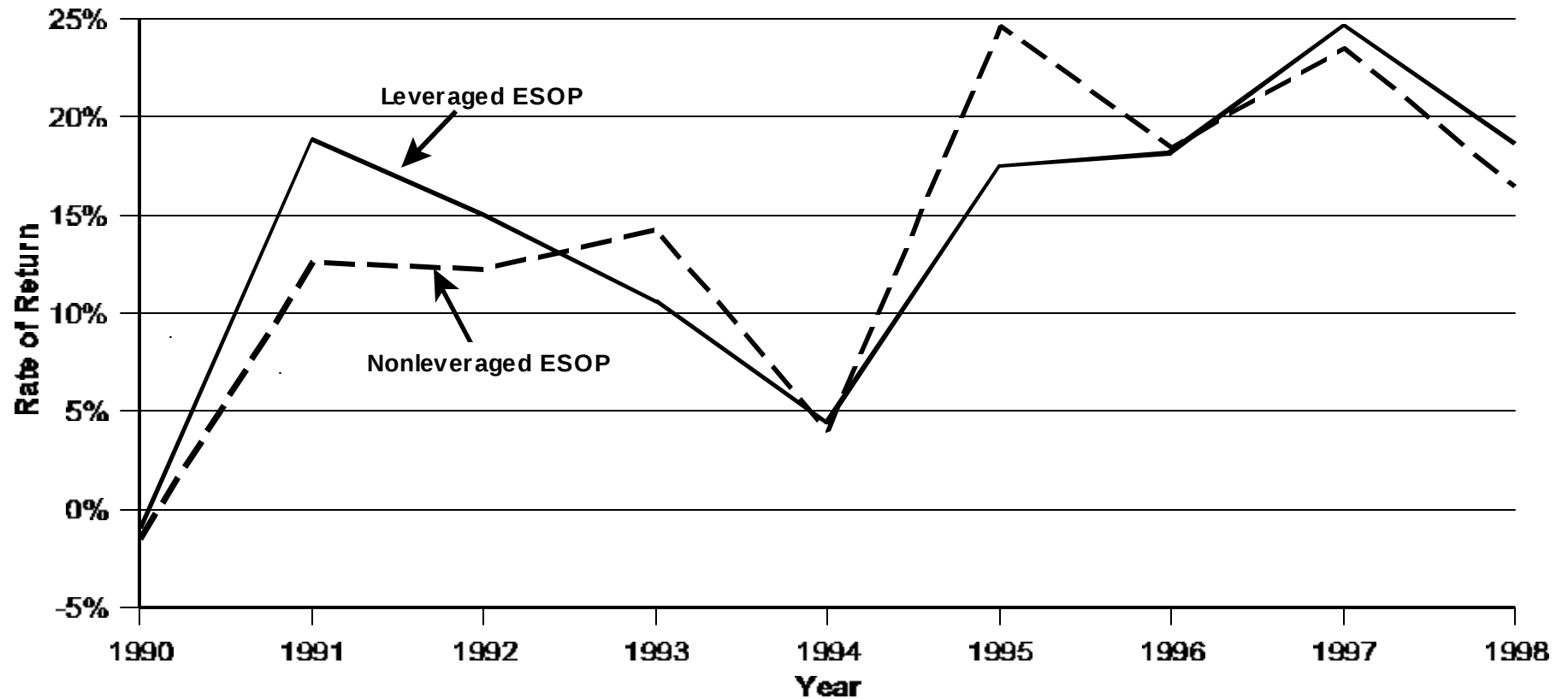


Reference: Table E26.

Note: Plans with 100 or more participants only.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1990-1998 plan years.

**Figure E13. Rates of Return for ESOPs,
1990-1998**



Reference: Table E26.

Note: Plans with 100 or more participants only.

SOURCE: Form 5500 series reports filed with the Internal Revenue Service for 1990-1998 plan years.