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## PBGC DATA BOOK AT A GLANCE

	Single-Employer Program <i>(Dollars in millions)</i>	Multiemployer Program <i>(Dollars in millions)</i>	Combined Programs <i>(Dollars in millions)</i>
<b>Fiscal Year 2012:</b>			
Net Financial Position	-\$29,142	-\$5,237	-\$34,379
Total Assets	\$82,973	\$1,807	\$84,780
Total Liabilities	\$112,115	\$7,044	\$119,159
Premium Revenue*	\$2,642	\$92	\$2,734
Number of Insured Plans	23,399	1,461	24,860
Number of Insured Participants	32.5 million	10.4 million	42.9 million
New Plans Trusteed or Pending Trusteeship	155	n/a	155
Change in Gross Claims	\$1,023	n/a	\$1,023
Number of Payees**	781,160	74	781,234
Total Benefits Paid	\$5,410	***	\$5,410
Number of Plans Receiving Financial Assistance	n/a	49	49
Amount of Financial Assistance Granted	n/a	\$95	\$95
<b>Fiscal Years 1975-2012:</b>			
Plans Trusteed or Pending Trusteeship	4,447	10	4,457
Amount of Claims	\$46,694	\$31	\$46,725
Number of Plans Receiving Financial Assistance	n/a	81	81
Total Amount of Financial Assistance Granted	n/a	\$788	\$788

Sources: PBGC Pension Insurance Data Book Tables S-1, S-2, S-3, S-20, S-30, S-31, M-1, M-2, M-3, M-4, M-5 and M-6.

\*Beginning in FY 2009, PBGC started to report premium income net of bad debt expense for premium, interest, and penalties.

\*\*The number of payees includes those receiving a periodic pension benefit payment and those who received a lump-sum benefit payment from PBGC during FY 2012.

\*\*\*Less than \$500,000.

Due to rounding of individual items, numbers may not add up exactly across columns.

**Table S-1**  
**Net Financial Position of PBGC's Single-Employer Program (1980-2012)**

<b>Fiscal Year</b>	<b>Assets (in millions)</b>	<b>Liabilities (in millions)</b>	<b>Net Position (in millions)</b>
1980	\$430	\$524	-\$95
1985	1,155	2,480	-1,325
1990	2,797	4,710	-1,913
1995	10,371	10,686	-315
1996	12,043	11,174	869
1997	15,314	11,833	3,481
1998	17,631	12,619	5,012
1999	18,431	11,393	7,038
2000	20,830	11,126	9,704
2001	21,768	14,036	7,732
2002	25,430	29,068	-3,638
2003	34,016	45,254	-11,238
2004	38,993	62,298	-23,305
2005	56,470	79,246	-22,776
2006	59,972	78,114	-18,142
2007	67,241	80,352	-13,111
2008	64,612	75,290	-10,678
2009	68,736	89,813	-21,077
2010	77,463	99,057	-21,594
2011	78,960	102,226	-23,266
2012	82,973	112,115	-29,142

Source: PBGC Annual Reports (1980-2012).  
 Due to rounding of individual items, numbers may not add up across columns.

**Table S-2**  
**PBGC Premium Revenue, Benefit Payments, and Expenses (1980-2012)**  
**Single-Employer Program**

Fiscal Year	Total Premium Revenue (in millions)	Benefit Payments (in millions)	Administrative & Investment Expenses (in millions)	Premiums Minus Benefits Paid and Expenses (in millions)
1980	\$71	\$37	\$20	\$14
1985	82	170	33	-121
1990	659	369	63	227
1995	838	761	138	-61
1996	1,146	790	150	206
1997	1,067	823	155	89
1998	966	847	158	-39
1999	902	901	161	-160
2000	807	902	167	-262
2001	821	1,042	184	-405
2002	787	1,537	225	-975
2003	948	2,488	290	-1,830
2004	1,458	3,006	288	-1,836
2005	1,451	3,685	342	-2,576
2006	1,442	4,082	405	-3,045
2007	1,476	4,266	378	-3,168
2008	1,340	4,292	400	-3,352
2009	1,822	4,478	417	-3,073
2010	2,231	5,467	449	-3,685
2011	2,072	5,340	424	-3,692
2012	2,642	5,384	443	-3,185

Source: PBGC Annual Reports (1980-2012).

Due to rounding of individual items, numbers may not add up across columns.

\*Beginning in 2009, PBGC has reported premium income net of bad debt expense for premium, interest, and penalties.

**Table S-3**  
**PBGC Terminations and Claims (1975-2012)**  
**Single-Employer Program**

Fiscal Year	Standard Terminations Filings	Trusteed Terminations	Assets (in millions)	Liabilities (in millions)	Gross Claims (in millions)	Recoveries (in millions)	Net Claims (in millions)
1975-1979	7,955	586	\$145.2	\$397.4	\$252.2	\$56.4	\$195.8
1980-1984	28,025	622	513.7	1,257.3	743.7	157.8	585.8
1985-1989	42,599	537	649.7	2,351.4	1,701.7	160.8	1,541.0
1990-1994	24,171	694	2,274.8	5,116.8	2,842.0	446.9	2,395.0
1995-1999	15,089	444	1,414.1	2,196.9	782.9	74.5	708.4
2000	1,892	73	266.3	367.2	100.9	15.3	85.6
2001	1,748	117	2,535.5	3,686.1	1,150.7	185.1	965.5
2002	1,452	186	4,518.5	8,309.6	3,791.1	284.1	3,507.0
2003	1,203	172	6,932.8	13,408.5	6,475.7	207.4	6,268.3
2004	1,198	164	2,848.2	6,115.6	3,267.4	527.1	2,740.3
2005	1,108	129	10,304.9	21,567.9	11,262.9	1,798.0	9,464.9
2006	1,247	89	2,355.3	4,590.1	2,234.8	1,326.1	908.6
2007	1,233	77	630.0	974.6	344.6	29.9	314.7
2008	1,405	82	535.4	816.5	281.1	30.6	250.5
2009	1,294	184	10,038.4	18,839.5	8,801.1	785.9	8,015.1
2010	1,308	144	1,316.9	2,547.2	1,230.4	149.9	1,080.4
2011	1,400	85	821.2	1,512.7	691.5	19.0	672.5
2012	1,332	62	646.5	1,385.7	739.2	39.8	699.4
<b>TOTAL</b>	<b>135,659</b>	<b>4,447</b>	<b>\$48,747.3</b>	<b>\$95,440.9</b>	<b>\$46,693.6</b>	<b>\$6,294.8</b>	<b>\$40,398.8</b>

Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.

Due to rounding of individual items, numbers may not add up across columns.

Trusteed terminations include plans pending trusteeship.

Claims figures shown in this table are calculated on a plan basis and identified with fiscal year of plan termination for each plan.

The annual numbers of trusteed terminations shown in this table may differ from those reported elsewhere as they reflect the fiscal year of plan termination rather than the fiscal year in which the loss was incurred. For example, PBGC became responsible for 155 underfunded terminated plans during FY 2012, but only 62 of these plans had termination dates during FY 2012.

The rest had termination dates in earlier fiscal years and are allocated to those years.

Values are subject to change as PBGC completes reviews, establishes termination dates, and determines recoveries.

**Table S-4  
PBGC Claims (1975-2011)  
Single-Employer Program**

Fiscal Year	Total Claims	Claims of Top 10 Firms and Percent of Total Annual Claims		Other Claims and Percent of Total Annual Claims	
1975-1979	\$252,206,149	---	---	\$252,206,149	100.0%
1980-1984	743,655,890	---	---	743,655,890	100.0%
1985-1989	1,701,719,003	---	---	1,701,719,003	100.0%
1990-1994	2,841,969,967	\$841,082,434	29.6%	2,000,887,534	70.4%
1995	162,127,462	---	---	162,127,462	100.0%
1996	168,621,640	---	---	168,621,640	100.0%
1997	207,994,972	---	---	207,994,972	100.0%
1998	75,461,515	---	---	75,461,515	100.0%
1999	168,647,559	---	---	168,647,559	100.0%
2000	100,893,537	---	---	100,893,537	100.0%
2001	1,150,651,496	668,377,106	58.1%	482,274,391	41.9%
2002	3,791,077,815	2,081,361,845	54.9%	1,709,715,970	45.1%
2003	6,475,651,564	5,549,967,048	85.7%	925,684,516	14.3%
2004	3,267,408,915	692,584,383	21.2%	2,574,824,532	78.8%
2005	11,262,934,564	9,501,240,579	84.4%	1,761,693,985	15.6%
2006	2,234,757,449	1,720,156,504	77.0%	514,600,945	23.0%
2007	344,581,019	---	---	344,581,019	100.0%
2008	281,060,529	---	---	281,060,529	100.0%
2009	8,801,074,888	6,387,327,984	72.6%	2,413,746,904	27.4%
2010	1,230,353,606	---	---	1,230,353,606	100.0%
2011	691,491,084	---	---	691,491,084	100.0%
2012	739,244,305	---	---	739,244,305	100.0%
<b>TOTAL (1975-2012)</b>	<b>\$46,693,584,930</b>	<b>\$27,442,097,883</b>	<b>58.8%</b>	<b>\$19,251,487,046</b>	<b>41.2%</b>

Sources: PBGC Fiscal Year Closing File (9/30/11) and PBGC Case Management System.

Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

Annual claims for Top 10 firms are summations of all claims in that fiscal year associated with the Top 10 firms. See Table S-5 for a list of the Top 10 firms with the largest claim values.

Values are subject to change as PBGC completes reviews and establishes termination dates.

**Table S-5  
Top 10 Firms Presenting Claims (1975-2012)  
Single-Employer Program**

Top 10 Firms	Number of Plans	Fiscal Year(s) of Plan Termination(s)	Claims (by firm)	Vested Participants	Average Claim Per Vested Participant	Percent of Total Claims (1975-2012)
1. United Airlines	4	2005	\$7,304,186,216	123,957	\$58,925	15.6%
2. Delphi	6	2009	6,387,327,984	69,042	92,514	13.7%
3. Bethlehem Steel	1	2003	3,702,771,655	91,312	40,551	7.9%
4. US Airways	4	2003, 2005	2,723,720,013	55,770	48,838	5.8%
5. LTV Steel*	6	2002, 2003, 2004	2,134,985,884	83,094	25,694	4.6%
6. Delta Air Lines	1	2006	1,720,156,504	13,291	129,423	3.7%
7. National Steel	7	2003	1,319,009,117	33,737	39,097	2.8%
8. Pan American Air	3	1991, 1992	841,082,434	31,999	26,285	1.8%
9. Trans World Airlines	2	2001	668,377,106	32,263	20,717	1.4%
10. Weirton Steel	1	2004	640,480,970	9,410	68,064	1.4%
<b>Top 10 Total</b>	<b>35</b>		<b>\$27,442,097,883</b>	<b>543,875</b>	<b>\$50,457</b>	<b>58.8%</b>
<b>All Other Total</b>	<b>4,412</b>		<b>19,251,487,046</b>	<b>1,451,798</b>	<b>13,260</b>	<b>41.2%</b>
<b>TOTAL</b>	<b>4,447</b>		<b>\$46,693,584,930</b>	<b>1,995,673</b>	<b>\$23,397</b>	<b>100.0%</b>

Sources: PBGC Fiscal Year Closing File (9/30/12), PBGC Case Management System, and PBGC Participant System (PRISM).

Due to rounding of individual items, numbers and percentages may not add up to totals.

Data in this table have been calculated on a firm basis and, except as noted, include all trustee plans of each firm.

Values and distributions are subject to change as PBGC completes its reviews and establishes termination dates.

\* Does not include 1986 termination of a Republic Steel plan sponsored by LTV.



**Table S-6**  
**PBGC Trusteed Terminations by Fiscal Year and Size of Claim (1975-2012)**  
**Single-Employer Program**

Fiscal Year	SIZE OF CLAIM					Total
	Less Than \$1 Million	\$1-\$9 Million	\$10-\$99 Million	\$100-\$999 Million	\$1 Billion or More	
1975-1979	545	36	5	---	---	586
1980-1984	538	66	18	---	---	622
1985-1989	451	66	15	5	---	537
1990-1994	534	137	17	6	---	694
1995-1999	310	118	16	---	---	444
2000-2004	358	246	83	23	2	712
2005-2009	224	247	71	12	7	561
2010	54	68	21	1	---	144
2011	22	47	16	---	---	85
2012	12	36	13	1	---	62
<b>TOTAL</b>	<b>3,048</b>	<b>1,067</b>	<b>275</b>	<b>48</b>	<b>9</b>	<b>4,447</b>
<b>Percent of Total</b>	<b>68.5%</b>	<b>24.0%</b>	<b>6.2%</b>	<b>1.1%</b>	<b>0.2%</b>	<b>100.0%</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.*

*Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.*

*Due to rounding of individual items, percentages may not add up to 100%.*

**Table S-7**  
**PBGC Claims by Fiscal Year and Size of Claim (1975-2012)**  
**Single-Employer Program**

Fiscal Year	SIZE OF CLAIM					Total	
	Less Than \$1 Million	\$1-\$9 Million	\$10-\$99 Million	\$100-\$999 Million	\$1 Billion or More		
1975-1979	\$62,193,310	\$89,626,004	\$100,386,836	---	---	\$252,206,149	0.6%
1980-1984	79,647,495	193,552,903	470,455,492	---	---	743,655,890	1.6%
1985-1989	75,869,416	218,541,696	424,362,733	\$982,945,159	---	1,701,719,003	3.6%
1990-1994	125,685,495	449,076,658	447,349,949	1,819,857,864	---	2,841,969,967	6.1%
1995-1999	94,510,168	307,763,071	380,579,909	---	---	782,853,148	1.7%
2000-2004	119,695,321	815,255,989	2,448,537,545	6,005,417,296	\$5,396,777,176	14,785,683,327	31.7%
2005-2009	90,979,818	798,981,594	2,234,459,427	4,448,785,639	15,351,201,971	22,924,408,449	49.1%
2010	23,829,864	221,078,570	704,367,803	281,077,369	---	1,230,353,606	2.6%
2011	11,533,204	138,173,470	541,784,410	---	---	691,491,084	1.5%
2012	4,696,045	128,623,531	490,589,682	115,335,047	---	739,244,305	1.6%
<b>TOTAL</b>	<b>\$688,640,136</b>	<b>\$3,360,673,487</b>	<b>\$8,242,873,786</b>	<b>\$13,653,418,374</b>	<b>\$20,747,979,147</b>	<b>\$46,693,584,930</b>	<b>100.0%</b>
<b>Percent of Total</b>	<b>1.5%</b>	<b>7.2%</b>	<b>17.7%</b>	<b>29.2%</b>	<b>44.4%</b>	<b>100.0%</b>	

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.  
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-8**  
**PBGC Trusted Plans by Fiscal Year and Funded Ratio (1975-2012)**  
**Single-Employer Program**

Fiscal Year	FUNDED RATIO				Total
	Less Than 25%	25%-49%	50%-74%	75% or More	
1975-1979	163	149	127	147	586
1980-1984	221	134	134	133	622
1985-1989	169	112	129	127	537
1990-1994	190	153	181	170	694
1995-1999	118	101	139	86	444
2000-2004	118	201	248	145	712
2005-2009	106	168	210	77	561
2010	25	47	65	7	144
2011	16	30	38	1	85
2012	19	29	13	1	62
<b>TOTAL</b>	<b>1,145</b>	<b>1,124</b>	<b>1,284</b>	<b>894</b>	<b>4,447</b>
<b>Percent of Total</b>	<b>25.7%</b>	<b>25.3%</b>	<b>28.9%</b>	<b>20.1%</b>	<b>100.0%</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.*

*Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.*

*Due to rounding of individual items, percentages may not add up to 100%.*

**Table S-9**  
**PBGC Claims by Fiscal Year and Funded Ratio (1975-2012)**  
**Single-Employer Program**

Fiscal Year	FUNDED RATIO				Total
	Less Than 25%	25%-49%	50%-74%	75% or More	
1975-1979	\$170,657,349	\$54,478,598	\$21,092,607	\$5,977,596	\$252,206,149
1980-1984	304,624,812	308,867,603	119,301,161	10,862,314	743,655,890
1985-1989	876,068,116	676,479,120	142,113,170	7,058,596	1,701,719,003
1990-1994	1,664,086,089	326,486,171	767,438,473	83,959,235	2,841,969,967
1995-1999	103,144,593	184,382,060	339,689,576	155,636,919	782,853,148
2000-2004	720,188,898	7,963,128,028	5,916,626,243	185,740,158	14,785,683,327
2005-2009	245,726,921	16,207,032,226	6,240,931,412	230,717,890	22,924,408,449
2010	42,052,012	360,971,258	825,042,354	2,287,982	1,230,353,606
2011	109,491,613	175,429,106	395,188,820	11,381,545	691,491,084
2012	30,396,773	513,001,325	179,362,016	16,484,190	739,244,305
<b>TOTAL</b>	<b>\$4,266,437,177</b>	<b>\$26,770,255,495</b>	<b>\$14,946,785,831</b>	<b>\$710,106,426</b>	<b>46,693,584,930</b>
<b>Percent of Total</b>	<b>9.1%</b>	<b>57.3%</b>	<b>32.0%</b>	<b>1.5%</b>	<b>100.0%</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.*

*Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.*

*Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-10**  
**PBGC Trusteed Plans by Size of Claim and Funded Ratio (1975-2012)**  
**Single-Employer Program**

Funded Ratio	SIZE OF CLAIM					Total
	Less Than \$1 Million	\$1-\$9 Million	\$10-\$99 Million	\$100-\$999 Million	\$1 Billion or More	
Less Than 25%	864	233	39	9	---	1,145
25% - 49%	645	347	106	20	6	1,124
50% - 74%	740	406	116	19	3	1,284
75% or more	799	81	14	---	---	894
<b>TOTAL</b>	<b>3,048</b>	<b>1,067</b>	<b>275</b>	<b>48</b>	<b>9</b>	<b>4,447</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews.*

**Table S-11**  
**PBGC Claims by Size of Claim and Funded Ratio (1975-2011)**  
**Single-Employer Program**

Funded Ratio	SIZE OF CLAIM					Total	
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
Less Than 25%	\$229,740,438	\$643,167,702	\$1,096,150,839	\$2,297,378,198	---	\$4,266,437,177	9.1%
25% - 49%	184,729,701	1,174,757,596	3,467,172,710	6,146,501,394	\$15,797,094,095	26,770,255,495	57.3%
50% - 74%	197,291,447	1,312,243,707	3,276,826,843	5,209,538,782	4,950,885,052	14,946,785,831	32.0%
75% or more	76,878,550	230,504,482	402,723,394	---	---	710,106,426	1.5%
<b>TOTAL</b>	<b>\$688,640,136</b>	<b>\$3,360,673,487</b>	<b>\$8,242,873,786</b>	<b>\$13,653,418,374</b>	<b>\$20,747,979,147</b>	<b>\$46,693,584,930</b>	<b>100.0%</b>

*Sources: PBGC Fiscal Year Closing File (9/30/11) and PBGC Case Management System.*

*Claim values and distributions are subject to change as PBGC completes reviews.*

*Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-12**  
**Average Claim per Vested Participant by Plan Size (1975-2012)**  
**Single-Employer Program**

Number of Plan Participants	Vested		Claims		Average Claim Per Participant	Claims (2012 Dollars)		Average Claim Per Participant (2012 Dollars)
	Participants	Plans						
Fewer Than 100	94,692	2,737	\$874,700,061	1.9%	\$9,237	\$1,291,586,570	2.2%	\$13,640
100-999	439,001	1,418	4,765,890,076	10.2%	10,856	6,749,138,081	11.4%	15,374
1,000-4,999	435,934	223	7,404,541,322	15.9%	16,985	10,207,931,862	17.2%	23,416
5,000-9,999	249,575	35	5,427,558,473	11.6%	21,747	7,190,657,222	12.1%	28,812
10,000 or more	776,471	34	28,220,894,999	60.4%	36,345	33,883,982,269	57.1%	43,638
<b>TOTAL</b>	<b>1,995,673</b>	<b>4,447</b>	<b>\$46,693,584,930</b>	<b>100.0%</b>	<b>\$23,397</b>	<b>\$59,323,296,004</b>	<b>100.0%</b>	<b>\$29,726</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12), PBGC Case Management System, and Bureau of Labor Statistics.*

*Claim values and distributions are subject to change as PBGC completes reviews.*

*Claims calculations represent aggregated and average counts of plans, claims, and participants over the period 1975-2012.*

*The number of vested participants and claims values are calculated as of date of plan termination.*

*Claims in 2012 dollars are calculated using Consumer Price Index - Urban Consumers.*

*Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-13**  
**PBGC Trusteed Plans by Fiscal Year and Plan Size (1975-2012)**  
**Single-Employer Program**

Fiscal Year	NUMBER OF PLAN PARTICIPANTS						Total	
	Fewer Than 25	25-99	100-999	1,000-4,999	5,000-9,999	10,000 or More		
1975-1979	275	198	104	9	---	---	586	13.2%
1980-1984	225	232	146	19	---	---	622	14.0%
1985-1989	178	205	136	13	4	1	537	12.1%
1990-1994	170	259	243	18	1	3	694	15.6%
1995-1999	110	156	150	24	4	---	444	10.0%
2000-2004	119	196	310	59	16	12	712	16.0%
2005-2009	100	162	218	57	6	18	561	12.6%
2010	31	48	53	10	2	---	144	3.2%
2011	16	29	30	9	1	---	85	1.9%
2012	9	19	28	5	1	---	62	1.4%
<b>TOTAL</b>	<b>1,233</b>	<b>1,504</b>	<b>1,418</b>	<b>223</b>	<b>35</b>	<b>34</b>	<b>4,447</b>	<b>100.0%</b>
<b>Percent of Total</b>	<b>27.7%</b>	<b>33.8%</b>	<b>31.9%</b>	<b>5.0%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>100.0%</b>	

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.  
Due to rounding of individual items, percentages may not add up to 100%.*



**Table S-14**  
**PBGC Claims by Fiscal Year and Plan Size (1975-2011)**  
**Single-Employer Program**

Fiscal Year	NUMBER OF PLAN PARTICIPANTS						Total	
	Fewer Than 25	25-99	100-999	1,000-4,999	5,000-9,999	10,000 or More		
1975-1979	\$10,500,637	\$26,435,645	\$122,694,866	\$92,575,001	---	---	\$252,206,149	0.5%
1980-1984	14,656,453	43,603,693	241,453,003	443,942,741	---	---	743,655,891	1.6%
1985-1989	10,395,184	48,393,525	305,384,721	354,600,414	\$738,503,991	\$244,441,168	1,701,719,003	3.6%
1990-1994	18,144,608	80,295,376	565,528,731	870,001,122	62,798,864	1,245,201,266	2,841,969,967	6.1%
1995-1999	16,544,894	63,599,766	317,889,581	253,389,484	131,429,424	---	782,853,148	1.7%
2000-2004	23,798,513	135,337,759	1,305,976,271	2,682,411,819	3,222,950,881	7,415,208,084	14,785,683,327	31.7%
2005-2009	43,211,919	148,206,522	1,026,277,252	1,580,149,804	810,518,471	19,316,044,481	22,924,408,449	49.1%
2010	10,049,433	72,920,612	385,343,479	427,399,832	334,640,249	---	1,230,353,606	2.6%
2011	13,864,259	45,084,630	207,562,339	413,598,311	11,381,545	---	691,491,084	1.5%
2012	5,724,655	43,931,976	287,779,833	286,472,794	115,335,047	---	739,244,305	1.6%
<b>TOTAL</b>	<b>\$166,890,555</b>	<b>\$707,809,506</b>	<b>\$4,765,890,076</b>	<b>\$7,404,541,322</b>	<b>\$5,427,558,473</b>	<b>\$28,220,894,998</b>	<b>\$46,693,584,930</b>	<b>100.0%</b>
<b>Percent of Total</b>	<b>0.4%</b>	<b>1.5%</b>	<b>10.2%</b>	<b>15.9%</b>	<b>11.6%</b>	<b>60.4%</b>	<b>100.0%</b>	

*Sources: PBGC Fiscal Year Closing File (9/30/11) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews and establishes termination dates.  
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-15**  
**PBGC Trusteed Plans by Size of Claim and Plan Size (1975-2012)**  
**Single-Employer Program**

Number of Plan Participants	SIZE OF CLAIM					Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More	
Fewer Than 25	1,211	22	---	---	---	1,233
25-99	1,301	203	---	---	---	1,504
100-999	527	785	106	---	---	1,418
1,000-4,999	8	56	147	12	---	223
5,000-9,999	---	1	16	18	---	35
10,000 or more	1	---	6	18	9	34
<b>TOTAL</b>	<b>3,048</b>	<b>1,067</b>	<b>275</b>	<b>48</b>	<b>9</b>	<b>4,447</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews.*

**Table S-16**  
**PBGC Claims by Size of Claim and Plan Size (1975-2012)**  
**Single-Employer Program**

Number of Plan Participants	SIZE OF CLAIM					Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More	
Fewer Than 25	\$134,636,671	\$32,253,884	---	---	---	\$166,890,555
25-99	331,747,857	376,061,649	---	---	---	707,809,506
100-999	217,126,694	2,664,798,504	\$1,883,964,879	---	---	4,765,890,076
1,000-4,999	4,499,065	281,138,615	5,198,411,879	\$1,920,491,764	---	7,404,541,322
5,000-9,999	---	6,420,836	807,378,399	4,613,759,238	---	5,427,558,473
10,000 or more	629,850	---	353,118,630	7,119,167,372	\$20,747,979,147	28,220,894,999
<b>TOTAL</b>	<b>\$688,640,136</b>	<b>\$3,360,673,487</b>	<b>\$8,242,873,786</b>	<b>\$13,653,418,374</b>	<b>\$20,747,979,147</b>	<b>\$46,693,584,930</b>
Percent of Total	1.5%	7.2%	17.7%	29.2%	44.4%	100.0%

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews.  
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.*

**Table S-17**  
**PBGC Trusteed Plans by Funded Ratio and Plan Size (1975-2012)**  
**Single-Employer Program**

Number of Plan Participants	FUNDED RATIO				Total
	Less Than 25%	25%-49%	50%-74%	75% or More	
Fewer Than 25	454	257	220	302	1,233
25-99	418	384	405	297	1,504
100-999	237	385	543	253	1,418
1,000-4,999	32	70	88	33	223
5,000-9,999	3	15	12	5	35
10,000 or more	1	13	16	4	34
<b>TOTAL</b>	<b>1,145</b>	<b>1,124</b>	<b>1,284</b>	<b>894</b>	<b>4,447</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.  
Claim values and distributions are subject to change as PBGC completes reviews.*

**Table S-18**  
**PBGC Claims by Funded Ratio and Plan Size (1975-2012)**  
**Single-Employer Program**

Number of Plan Participants	FUNDED RATIO				Total
	Less Than 25%	25%-49%	50%-74%	75% or More	
Fewer Than 25	\$88,208,548	\$48,874,198	\$25,499,668	\$4,308,141	\$166,890,555
25-99	262,375,100	246,047,396	176,920,564	22,466,447	707,809,506
100-999	794,857,205	1,793,280,211	1,964,080,901	213,671,759	4,765,890,076
1,000-4,999	1,757,433,095	2,821,421,143	2,655,067,502	170,619,582	7,404,541,322
5,000-9,999	584,025,842	3,154,228,435	1,519,773,293	169,530,904	5,427,558,473
10,000 or more	779,537,388	18,706,404,113	8,605,443,903	129,509,595	28,220,894,999
<b>TOTAL</b>	<b>\$4,266,437,177</b>	<b>\$26,770,255,495</b>	<b>\$14,946,785,832</b>	<b>\$710,106,426</b>	<b>\$46,693,584,930</b>

*Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.*

*Claim values and distributions are subject to change as PBGC completes reviews.*

*Due to rounding of individual items, numbers may not add up to totals.*

**Table S-19**  
**PBGC Claims by Industry (1975-2012)**  
**Single-Employer Program**

Industry	Total Claims		Plans	Vested Participants
<b>AGRICULTURE, MINING, AND CONSTRUCTION</b>	<b>\$677,309,145</b>	<b>1.5%</b>	<b>246</b>	<b>52,327</b>
<b>MANUFACTURING</b>	<b>27,049,468,291</b>	<b>57.9%</b>	<b>2,702</b>	<b>1,193,729</b>
Apparel and Textile Mill Products	1,260,009,339	2.7%	199	170,190
Fabricated Metal Products	1,673,135,762	3.6%	641	119,776
Food and Tobacco Products	419,971,411	0.9%	178	43,553
Machinery Manufacturing	1,260,117,569	2.7%	278	93,318
Motor Vehicle Equipment	7,004,780,153	15.0%	121	130,244
Primary Metals	12,146,122,950	26.0%	348	400,282
Rubber and Miscellaneous Plastics	509,124,740	1.1%	127	35,930
Other Manufacturing	2,776,206,367	5.9%	810	200,436
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>14,415,327,539</b>	<b>30.9%</b>	<b>199</b>	<b>342,821</b>
Air Transportation	14,011,829,690	30.0%	42	310,259
Other Transportation and Utilities	403,497,849	0.9%	157	32,562
<b>INFORMATION</b>	<b>128,555,828</b>	<b>0.3%</b>	<b>58</b>	<b>9,721</b>
<b>WHOLESALE TRADE</b>	<b>502,848,978</b>	<b>1.1%</b>	<b>284</b>	<b>39,963</b>
<b>RETAIL TRADE</b>	<b>686,888,630</b>	<b>1.5%</b>	<b>319</b>	<b>134,433</b>
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	<b>1,049,741,388</b>	<b>2.2%</b>	<b>136</b>	<b>82,955</b>
<b>SERVICES</b>	<b>2,183,445,131</b>	<b>4.7%</b>	<b>503</b>	<b>139,724</b>
<b>TOTAL</b>	<b>\$46,693,584,930</b>	<b>100.0%</b>	<b>4,447</b>	<b>1,995,673</b>

Sources: PBGC Fiscal Year Closing File (9/30/12) and PBGC Case Management System.

Values and distributions are subject to change as PBGC completes reviews.

Industry classifications for PBGC claims are based on the principal business activity codes used in the North American Industry Classification System.

Due to rounding of individual items, numbers and percentages may not add up to totals.

**Table S-20**  
**PBGC Benefit Payments, Payees, and Deferred Payees (1980-2012)**  
**Single-Employer Program**

Fiscal Year	PERIODIC PENSION PAYMENTS				LUMP-SUM PAYMENTS			ALL PAYMENTS		Deferred Payees (in thousands)
	Total (in millions)	Payees in Year (in thousands)	Average Monthly Payment	Median Monthly Payment	Total (in millions)	Payees in Year (in thousands)	Average Payment	Total (in millions)	Payees in Year (in thousands)	
1980	\$34	28	\$124	\$91	\$3	2	\$1,623	\$37	30	25
1985	166	75	226	128	4	2	1,782	170	77	92
1990	356	110	262	184	13	6	2,437	369	116	85
1995	739	182	344	232	22	6	3,335	761	187	163
1996	770	199	328	225	20	7	2,757	790	206	182
1997	800	204	316	212	23	9	2,629	823	213	202
1998	826	208	313	208	21	9	2,198	847	216	213
1999	844	214	311	208	56	16	3,553	901	229	225
2000	831	226	309	206	71	19	3,726	902	243	226
2001	954	266	325	208	88	18	4,817	1,042	283	246
2002	1,458	343	383	242	79	21	3,757	1,537	362	326
2003	2,401	457	453	275	87	22	4,220	2,488	477	375
2004	2,918	517	475	281	88	21	4,229	3,006	533	424
2005	3,607	683	487	286	78	17	4,633	3,685	698	489
2006	4,011	612	531	296	71	13	5,145	4,082	622	520
2007	4,179	630	539	281	87	17	5,154	4,266	645	534
2008	4,211	639	534	289	81	17	4,828	4,292	653	495
2009	4,409	743	598	305	69	12	4,289	4,478	754	565
2010	5,361	746	594	316	106	16	6,661	5,467	758	614
2011	5,172	775	579	287	168	48	3,517	5,340	781	595
2012	5,299	781	559	284	85	38	2,198	5,384	786	590

Sources: PBGC Participant System (PRISM), fiscal year calculations, PBGC Management Reports, and PBGC Benefit Payment Reports.

Lump-sum payments include cash-outs of pensions with de minimis present values and back payments to current pensioners.

Since some payees received both pensions and lump-sum payments, total number of payees may be less than the sum of pensioners and lump-sum recipients.

Excludes participants in plans that are in probable termination status as of end of fiscal year.

Due to rounding of individual items, numbers may not add up across columns.

**Table S-21**  
**PBGC Payees and Benefit Payments by Date of Plan Termination (2012)**  
**Single-Employer Program**

Fiscal Year of Plan Termination	Payees in 2012		Benefit Payments in 2012 <i>(in millions)</i>		Average Monthly Pension	Median Monthly Pension	Deferred Payees in 2011
Prior to 1980	4,789	0.6%	\$6.4	0.1%	\$108	\$85	1,383
1980 to 1984	21,072	2.7%	52.8	1.0%	201	161	3,551
1985 to 1989	34,263	4.4%	115.7	2.1%	270	197	6,563
1990 to 1994	86,304	11.0%	363.9	6.8%	335	240	24,254
1995	7,308	0.9%	27.1	0.5%	297	160	3,639
1996	9,599	1.2%	26.2	0.5%	218	122	4,036
1997	12,751	1.6%	43.6	0.8%	274	197	6,916
1998	4,457	0.6%	14.3	0.3%	259	153	3,775
1999	8,358	1.1%	24.9	0.5%	238	152	12,447
2000	9,246	1.2%	26.1	0.5%	227	125	3,668
2001	47,685	6.1%	282.7	5.3%	474	288	23,636
2002	95,274	12.1%	552.7	10.3%	468	301	36,796
2003	99,553	12.7%	872.8	16.2%	709	426	45,595
2004	66,014	8.4%	342.6	6.4%	414	235	40,799
2005	107,049	13.6%	1,067.8	19.8%	824	449	123,203
2006	20,789	2.6%	282.1	5.2%	1,083	440	18,052
2007	12,480	1.6%	55.7	1.0%	362	191	13,224
2008	10,683	1.4%	47.5	0.9%	424	215	12,440
2009	94,782	12.1%	1,009.5	18.7%	890	512	132,710
2010	22,278	2.8%	120.5	2.2%	462	272	34,432
2011	8,956	1.1%	44.6	0.8%	497	284	21,312
2012	2,635	0.3%	4.7	0.1%	436	191	17,087
<b>TOTAL</b>	<b>786,325</b>	<b>100.0%</b>	<b>\$5,384.4</b>	<b>100.0%</b>	<b>\$559</b>	<b>\$284</b>	<b>589,518</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.



**Table S-22**  
**PBGC Payees and Benefit Payments by Size of Trusteed Plan (2012)**  
**Single-Employer Program**

Number of Plan Participants	Payees		Payments <i>(in millions)</i>		Average Monthly Pension Payment	Median Monthly Pension Payment
Fewer Than 100	41,933	5.3%	\$129.2	2.4%	\$239	\$137
100 - 499	98,550	12.5%	377.0	7.0%	308	192
500 - 999	62,902	8.0%	256.1	4.8%	330	204
1,000 - 4,999	173,013	22.0%	875.1	16.3%	417	239
5,000 - 9,999	93,712	11.9%	742.5	13.8%	646	387
10,000 - 24,999	141,355	18.0%	1,259.7	23.4%	730	307
25,000 or more	174,860	22.2%	1,744.9	32.4%	814	640
<b>TOTAL</b>	<b>786,325</b>	<b>100.0%</b>	<b>\$5,384.4</b>	<b>100.0%</b>	<b>\$559</b>	<b>\$287</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.

Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

**Table S-23**  
**Total PBGC Payees and Average Benefit Payments by Gender and Age (2012)**  
**Single-Employer Program**

Age	TOTAL PERIODIC PAYEES			MALE			FEMALE		
	Payees		Average Monthly Pension	Payees		Average Monthly Pension	Payees		Average Monthly Pension
Younger Than 60	53,470	100.0%	\$558	30,500	57.0%	\$661	22,970	43.0%	\$424
60 - 64	114,005	100.0%	637	70,156	61.5%	737	43,849	38.5%	481
65 - 69	169,687	100.0%	626	106,503	62.8%	726	63,184	37.2%	460
70 - 74	144,754	100.0%	606	91,564	63.3%	751	53,190	36.7%	361
75 - 79	114,901	100.0%	557	68,929	60.0%	735	45,972	40.0%	286
80 - 84	91,319	100.0%	475	48,584	53.2%	673	42,735	46.8%	237
85 and older	92,469	100.0%	370	37,320	40.4%	582	55,149	59.6%	203
<b>TOTAL</b>	<b>780,605</b>	<b>100.0%</b>	<b>\$559</b>	<b>453,556</b>	<b>58.1%</b>	<b>\$710</b>	<b>327,049</b>	<b>41.9%</b>	<b>\$346</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-24**  
**PBGC Retired Payees and Average Benefit Payments by Gender and Age (2012)**  
**Single-Employer Program**

Age	TOTAL RETIRED PAYEES			MALE			FEMALE		
	Payees		Average Monthly Pension	Payees		Average Monthly Pension	Payees		Average Monthly Pension
Younger Than 60	44,313	100.0%	\$601	29,507	66.6%	\$673	14,806	33.4%	\$456
60 - 64	103,722	100.0%	665	69,475	67.0%	742	34,247	33.0%	516
65 - 69	154,248	100.0%	654	105,427	68.3%	730	48,821	31.7%	492
70 - 74	126,808	100.0%	650	90,463	71.3%	757	36,345	28.7%	385
75 - 79	95,126	100.0%	617	67,961	71.4%	743	27,165	28.6%	299
80 - 84	70,437	100.0%	546	47,790	67.8%	680	22,647	32.2%	245
85 and older	64,435	100.0%	436	36,429	56.5%	591	28,006	43.5%	198
<b>TOTAL</b>	<b>659,089</b>	<b>100.0%</b>	<b>\$611</b>	<b>447,052</b>	<b>67.8%</b>	<b>\$717</b>	<b>212,037</b>	<b>32.2%</b>	<b>\$385</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-25**  
**PBGC Beneficiary Payees and Average Benefit Payments by Gender and Age (2011)**  
**Single-Employer Program**

Age	TOTAL BENEFICIARY PAYEES			MALE			FEMALE		
	Payees	Average Monthly Pension		Payees	Average Monthly Pension		Payees	Average Monthly Pension	
Younger Than 60	9,157	100.0%	\$361	993	10.8%	\$295	8,164	89.2%	\$369
60 - 64	10,283	100.0%	357	681	6.6%	284	9,602	93.4%	362
65 - 69	15,439	100.0%	347	1,076	7.0%	278	14,363	93.0%	352
70 - 74	17,946	100.0%	305	1,101	6.1%	253	16,845	93.9%	308
75 - 79	19,775	100.0%	265	968	4.9%	185	18,807	95.1%	269
80 - 84	20,882	100.0%	227	794	3.8%	172	20,088	96.2%	229
85 and older	28,034	100.0%	207	891	3.2%	149	27,143	96.8%	209
<b>TOTAL</b>	<b>121,516</b>	<b>100.0%</b>	<b>\$276</b>	<b>6,504</b>	<b>5.4%</b>	<b>\$233</b>	<b>115,012</b>	<b>94.6%</b>	<b>\$279</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-26**  
**Total PBGC Payees and Benefit Payments by Size of Monthly Payment (2012)**  
**Single-Employer Program**

Monthly Payment	Total Payees		Total Pension Payments	
Less Than \$50	42,805	5.5%	\$17,280,390	0.3%
\$50 - \$99	105,896	13.6%	101,425,711	1.9%
\$100 - \$149	90,565	11.6%	136,889,031	2.6%
\$150 - \$199	65,398	8.4%	138,576,751	2.6%
\$200 - \$249	54,321	7.0%	148,763,293	2.8%
\$250 - \$299	41,409	5.3%	139,266,763	2.6%
\$300 - \$349	37,362	4.8%	149,021,569	2.8%
\$350 - \$399	28,735	3.7%	133,052,141	2.5%
\$400 - \$449	27,232	3.5%	143,073,818	2.7%
\$450 - \$499	22,457	2.9%	132,415,391	2.5%
\$500 - \$549	21,577	2.8%	140,861,311	2.7%
\$550 - \$599	18,432	2.4%	132,978,327	2.5%
\$600 - \$749	44,221	5.7%	370,519,565	7.0%
\$750 - \$999	48,030	6.2%	516,660,412	9.8%
\$1,000 - \$1,499	65,042	8.3%	991,240,773	18.7%
\$1,500 - \$1,999	37,264	4.8%	779,075,974	14.7%
\$2,000 - \$2,499	14,196	1.8%	382,509,046	7.2%
\$2,500 or more	15,662	2.0%	745,453,938	14.1%
<b>TOTAL</b>	<b>780,605</b>	<b>100.0%</b>	<b>\$5,299,064,201</b>	<b>100.0%</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-27**  
**PBGC Retired Payees and Benefit Payments by Size of Monthly Payment (2012)**  
**Single-Employer Program**

Monthly Payment	Retired Payees		Total Pension Payments	
Less Than \$50	31,960	4.8%	\$13,206,098	0.3%
\$50 - \$99	74,216	11.3%	69,921,903	1.4%
\$100 - \$149	69,327	10.5%	105,151,384	2.2%
\$150 - \$199	53,966	8.2%	114,443,426	2.3%
\$200 - \$249	45,856	7.0%	125,269,954	2.6%
\$250 - \$299	34,825	5.3%	116,975,544	2.4%
\$300 - \$349	32,034	4.9%	127,886,230	2.6%
\$350 - \$399	25,038	3.8%	115,965,952	2.4%
\$400 - \$449	24,227	3.7%	127,484,680	2.6%
\$450 - \$499	20,053	3.0%	118,489,720	2.4%
\$500 - \$549	19,493	3.0%	127,521,243	2.6%
\$550 - \$599	16,729	2.5%	121,063,963	2.5%
\$600 - \$749	40,406	6.1%	339,512,141	6.9%
\$750 - \$999	44,191	6.7%	476,616,799	9.7%
\$1,000 - \$1,499	61,827	9.4%	944,907,121	19.3%
\$1,500 - \$1,999	36,240	5.5%	757,631,922	15.5%
\$2,000 - \$2,499	13,715	2.1%	369,429,876	7.6%
\$2,500 or more	14,986	2.3%	717,739,219	14.7%
<b>TOTAL</b>	<b>659,089</b>	<b>100.0%</b>	<b>\$4,889,217,174</b>	<b>100.0%</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-28**  
**PBGC Beneficiary Payees and Benefit Payments by Size of Monthly Payment (2012)**  
**Single-Employer Program**

Monthly Payment	Beneficiary Payees		Total Pension Payments	
Less Than \$50	10,845	8.9%	\$4,074,293	1.0%
\$50 - \$99	31,681	26.1%	31,503,807	7.7%
\$100 - \$149	21,238	17.5%	31,737,646	7.7%
\$150 - \$199	11,432	9.4%	24,133,325	5.9%
\$200 - \$249	8,465	7.0%	23,493,339	5.7%
\$250 - \$299	6,584	5.4%	22,291,219	5.4%
\$300 - \$349	5,328	4.4%	21,135,339	5.2%
\$350 - \$399	3,697	3.0%	17,086,189	4.2%
\$400 - \$449	3,005	2.5%	15,589,138	3.8%
\$450 - \$499	2,404	2.0%	13,925,671	3.4%
\$500 - \$549	2,084	1.7%	13,340,068	3.3%
\$550 - \$599	1,703	1.4%	11,914,364	2.9%
\$600 - \$749	3,815	3.1%	31,007,423	7.6%
\$750 - \$999	3,839	3.2%	40,043,613	9.8%
\$1,000 - \$1,499	3,215	2.6%	46,333,651	11.3%
\$1,500 - \$1,999	1,024	0.8%	21,444,052	5.2%
\$2,000 - \$2,499	481	0.4%	13,079,170	3.2%
\$2,500 or more	676	0.6%	27,714,719	6.8%
<b>TOTAL</b>	<b>121,516</b>	<b>100.0%</b>	<b>\$409,847,027</b>	<b>100.0%</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.  
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.  
 Numbers in table include periodic payees only.

**Table S-29**  
**PBGC Payees and Benefit Payments by Industry (2012)**  
**Single-Employer Program**

Industry	Payees		Benefit Payments		Mean Monthly Pension	Median Monthly Pension
<b>AGRICULTURE, MINING, AND CONSTRUCTION</b>	<b>15,489</b>	<b>2.0%</b>	<b>\$85,166,074</b>	<b>1.6%</b>	<b>\$449</b>	<b>\$261</b>
<b>MANUFACTURING</b>	<b>509,716</b>	<b>64.8%</b>	<b>3,157,381,415</b>	<b>58.6%</b>	<b>489</b>	<b>257</b>
Apparel and Textile Mill Products	68,192	8.7%	154,874,659	2.9%	183	98
Fabricated Metal Products	43,776	5.6%	190,803,423	3.5%	357	224
Food and Tobacco Products	12,966	1.6%	38,487,932	0.7%	236	155
Machinery and Computer Equipment	36,069	4.6%	184,402,004	3.4%	400	223
Motor Vehicle Equipment	57,998	7.4%	759,055,181	14.1%	1091	1079
Primary Metals	206,762	26.3%	1,460,989,797	27.1%	564	373
Rubber and Miscellaneous Plastics	11,958	1.5%	45,149,151	0.8%	304	203
Other Manufacturing	71,995	9.2%	323,619,268	6.0%	369	215
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>155,187</b>	<b>19.7%</b>	<b>1,647,092,716</b>	<b>30.6%</b>	<b>854</b>	<b>487</b>
Air Transportation	144,308	18.4%	1,596,191,066	29.6%	920	519
Other Transportation	10,829	1.4%	50,790,147	0.9%	379	190
Public Utilities	50	*	111,503	*	176	144
<b>INFORMATION</b>	<b>3,983</b>	<b>0.5%</b>	<b>15,739,923</b>	<b>0.3%</b>	<b>316</b>	<b>192</b>
<b>WHOLESALE TRADE</b>	<b>11,567</b>	<b>1.5%</b>	<b>49,727,864</b>	<b>0.9%</b>	<b>352</b>	<b>208</b>
<b>RETAIL TRADE</b>	<b>33,680</b>	<b>4.3%</b>	<b>100,603,141</b>	<b>1.9%</b>	<b>241</b>	<b>148</b>
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	<b>22,754</b>	<b>2.9%</b>	<b>161,226,736</b>	<b>3.0%</b>	<b>595</b>	<b>335</b>
<b>SERVICES</b>	<b>33,530</b>	<b>4.3%</b>	<b>165,641,039</b>	<b>3.1%</b>	<b>418</b>	<b>234</b>
Health Care	20,462	2.6%	108,442,278	2.0%	444	262
Other Services	13,068	1.7%	57,198,761	1.1%	388	196
<b>NON-PROFIT ORGANIZATIONS</b>	<b>419</b>	<b>0.1%</b>	<b>1,869,868</b>	<b>*</b>	<b>371</b>	<b>155</b>
<b>TOTAL</b>	<b>786,325</b>	<b>100.0%</b>	<b>\$5,384,448,777</b>	<b>100.0%</b>	<b>\$559</b>	<b>\$284</b>

Sources: PBGC Participant System (PRISM), fiscal year calculations, and PBGC Management Reports.

Due to rounding of individual items, numbers and percentages may not add up to totals.

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

\*Less than 0.05 of one percent.



**Table S-30**  
**PBGC-Insured Plan Participants (1980-2013)**  
**Single-Employer Program**

Year	Total Insured Participants (in thousands)	In Plans with 10,000 or more Participants (in thousands)	In Plans with 5,000-9,999 Participants (in thousands)	In Plans with 1,000-4,999 Participants (in thousands)	In Plans with 250-999 Participants (in thousands)	In Plans with 100-249 Participants (in thousands)	In Plans with 25-99 Participants (in thousands)	In Plans with Fewer Than 25 Participants (in thousands)
1980	27,518	12,044	2,833	5,776	3,852	1,436	1,064	513
1985	29,809	12,724	3,164	6,579	4,032	1,585	1,164	561
1990	31,633	14,336	3,351	6,989	4,064	1,429	1,023	441
1995	32,634	16,934	3,771	6,908	3,136	1,062	625	198
1996	32,724	17,076	3,843	6,896	3,128	1,005	591	185
1997	33,214	18,046	3,787	6,767	3,008	919	527	160
1998	33,545	18,568	3,905	6,719	2,883	847	476	147
1999	33,804	19,591	3,869	6,355	2,662	776	422	130
2000	34,108	20,337	3,738	6,225	2,569	733	387	119
2001	34,342	21,100	3,661	6,045	2,408	673	346	110
2002	34,248	21,573	3,537	5,846	2,263	605	322	102
2003	34,407	21,947	3,609	5,682	2,164	593	310	100
2004	34,523	22,378	3,603	5,491	2,083	565	304	100
2005	34,232	22,293	3,607	5,373	2,013	550	297	98
2006	33,933	22,143	3,705	5,196	1,974	530	289	96
2007	33,892	22,149	3,756	5,149	1,929	523	289	97
2008	33,888	22,251	3,703	5,164	1,888	504	282	96
2009	33,833	22,452	3,637	5,105	1,800	480	266	93
2010	33,447	22,555	3,504	4,903	1,689	452	254	89
2011	33,388	22,811	3,447	4,752	1,617	434	241	85
2012	32,516	22,313	3,417	4,566	1,499	407	233	82
2013	31,900	21,913	3,353	4,468	1,468	393	225	80

Source: PBGC Premium Filings.  
Due to rounding of individual items, numbers may not add up across columns.

**Table S-31**  
**PBGC-Insured Plans (1980-2013)**  
**Single-Employer Program**

Year	Total Insured Plans	Insured Plans with 10,000 or more Participants	Insured Plans with 5,000-9,999 Participants	Insured Plans with 1,000-4,999 Participants	Insured Plans with 250-999 Participants	Insured Plans with 100-249 Participants	Insured Plans with 25-99 Participants	Insured Plans with Fewer Than 25 Participants
1980	95,439	349	365	2,858	7,439	8,512	19,069	56,847
1985	112,208	354	435	3,125	8,230	10,003	22,609	67,452
1990	91,899	458	477	3,400	8,085	8,976	19,464	51,039
1995	53,589	528	559	3,308	6,743	6,850	11,674	23,927
1996	48,748	531	556	3,280	6,217	6,225	10,931	21,008
1997	43,902	563	550	3,199	5,962	5,734	9,822	18,072
1998	41,462	570	565	3,139	5,693	5,255	8,788	17,452
1999	37,536	603	555	2,933	5,271	4,803	7,779	15,592
2000	35,373	621	531	2,875	5,056	4,536	7,150	14,604
2001	32,954	644	522	2,787	4,757	4,154	6,335	13,755
2002	31,229	632	505	2,671	4,461	3,742	5,875	13,343
2003	30,611	621	514	2,569	4,238	3,662	5,705	13,302
2004	30,148	627	510	2,478	4,083	3,483	5,616	13,351
2005	29,605	618	509	2,404	3,935	3,379	5,493	13,267
2006	28,923	592	525	2,337	3,850	3,272	5,341	13,006
2007	29,255	595	533	2,336	3,768	3,204	5,352	13,467
2008	28,876	591	524	2,339	3,700	3,090	5,253	13,379
2009	27,797	595	514	2,311	3,534	2,960	4,977	12,906
2010	26,377	570	492	2,200	3,313	2,777	4,796	12,229
2011	25,607	580	488	2,142	3,189	2,681	4,561	11,966
2012	24,215	568	484	2,053	2,976	2,506	4,408	11,220
2013	23,399	561	471	1,997	2,903	2,423	4,260	10,784

Source: PBGC Premium Filings.

**Table S-32**  
**PBGC-Insured Plan Participants by Participant Status (1980-2011)**  
**Single-Employer Program**

Year	Active Participants	Retired Participants	Separated Vested Participants
1980	77.6%	16.0%	6.4%
1985	72.2%	18.7%	9.1%
1990	68.1%	19.4%	12.6%
1995	57.8%	22.9%	19.3%
1996	55.3%	23.0%	21.8%
1997	54.7%	23.7%	21.5%
1998	54.2%	23.8%	22.0%
1999	53.7%	23.9%	22.4%
2000	51.9%	24.4%	23.7%
2001	51.3%	24.6%	24.1%
2002	49.8%	25.2%	25.0%
2003	48.6%	25.4%	26.0%
2004	47.2%	26.1%	26.7%
2005	45.7%	26.6%	27.6%
2006	44.8%	27.1%	28.1%
2007	43.5%	27.8%	28.7%
2008	43.3%	28.0%	28.7%
2009	40.2%	29.4%	30.4%
2010	38.5%	30.9%	30.6%
2011	37.8%	31.7%	30.5%

*Source: Internal Revenue Service Form 5500 Series Filings for single-employer plans. Data for plan years prior to 1999 include only plans with 100 or more participants. Due to rounding of individual items, percentages may not add up to 100%. 2011 figures are estimates from PBGC internal calculations.*

**Table S-33**  
**PBGC-Insured Active Participants**  
**as a Percent of Employed Private-Sector Wage and Salary Workers**  
**(1980-2011)**

Year	Private-Sector Wage and Salary Workers <i>(in thousands)</i>	PERCENTAGE OF PRIVATE-SECTOR WAGE AND SALARY WORKERS		
		Single-Employer Active Participants	Multiemployer Active Participants	Total PBGC-Insured Active Participants
1980	74,095	28.8%	8.2%	37.0%
1985	82,180	26.2%	6.6%	32.8%
1990	89,614	24.0%	5.6%	29.6%
1991	88,875	23.8%	5.4%	29.1%
1992	90,372	22.8%	5.2%	28.0%
1993	92,399	21.6%	5.0%	26.6%
1994	95,595	20.7%	4.7%	25.4%
1995	96,429	19.6%	4.7%	24.2%
1996	98,896	18.3%	4.6%	22.9%
1997	101,999	17.8%	4.5%	22.3%
1998	103,698	17.5%	4.4%	21.9%
1999	105,707	17.2%	4.3%	21.5%
2000	108,097	16.4%	4.3%	20.7%
2001	106,747	16.5%	4.4%	20.9%
2002	106,687	16.0%	4.3%	20.3%
2003	108,331	15.4%	4.2%	19.7%
2004	109,462	14.9%	4.1%	19.0%
2005	112,422	13.9%	4.0%	17.9%
2006	114,520	13.3%	3.9%	17.2%
2007	115,524	12.8%	3.9%	16.6%
2008	112,265	13.1%	4.0%	17.0%
2009	107,103	12.7%	4.0%	16.7%
2010	108,986	11.8%	3.7%	15.6%
2011	110,672	11.1%	3.6%	14.7%

Sources: PBGC Pension

salary workers from Labor Force Statistics from the Current Population Survey (Bureau of Labor Statistics, U.S. Department of Labor).

Previous versions of this table were based on employed and unemployed workers.

Due to rounding of individual items, percentages may not add up across columns.

**Table S-34**  
**PBGC-Insured Hybrid Plans by Plan Size (2001-2011)**  
**Single-Employer Program**

Beginning of Year	TOTAL INSURED PLANS			INSURED PLANS WITH 5,000 OR MORE PARTICIPANTS			INSURED PLANS WITH 1,000 - 4,999 PARTICIPANTS			INSURED PLANS WITH FEWER THAN 1,000 PARTICIPANTS		
	Total Plans	Hybrid Plans	Percent Hybrid	Total Plans	Hybrid Plans	Percent Hybrid	Total Plans	Hybrid Plans	Percent Hybrid	Total Plans	Hybrid Plans	Percent Hybrid
2001	32,954	1,227	3.7%	1,166	256	22.0%	2,787	290	10.4%	29,001	681	2.3%
2002	31,229	1,308	4.2%	1,137	263	23.1%	2,671	310	11.6%	27,421	735	2.7%
2003	30,611	1,541	5.0%	1,135	303	26.7%	2,569	326	12.7%	26,907	912	3.4%
2004	30,148	1,756	5.8%	1,137	342	30.1%	2,478	338	13.6%	26,533	1,076	4.1%
2005	29,605	1,944	6.6%	1,127	342	30.3%	2,404	331	13.8%	26,074	1,271	4.9%
2006	28,923	2,116	7.3%	1,117	352	31.5%	2,337	347	14.8%	25,469	1,417	5.6%
2007	29,255	2,439	8.3%	1,128	356	31.6%	2,336	350	15.0%	25,791	1,733	6.7%
2008	28,876	3,396	11.8%	1,115	357	32.0%	2,339	357	15.3%	25,422	2,682	10.5%
2009	27,797	3,251	11.7%	1,109	376	33.9%	2,311	364	15.8%	24,377	2,511	10.3%
2010	26,377	3,606	13.7%	1,062	389	36.6%	2,200	371	16.9%	23,115	2,846	12.3%
2011	25,607	3,996	15.6%	1,068	392	36.7%	2,142	376	17.6%	22,397	3,228	14.4%

Source: Internal Revenue Service Form 5500 Series Filings for single-employer plans.

Hybrid plans incorporate elements of both defined benefit and defined contribution plans but are treated as defined benefit plans. They often express benefits in terms of an account balance. The two most common types of hybrid plans are Cash Balance Plans and Pension Equity Plans.

**Table S-35**  
**PBGC-Insured Hybrid Plan Participants by Plan Size (2001-2011)**  
**Single-Employer Program**

Beginning of Year	TOTAL INSURED PLANS			INSURED PLANS WITH 5,000 OR MORE PARTICIPANTS			INSURED PLANS WITH 1,000 - 4,999 PARTICIPANTS			INSURED PLANS WITH FEWER THAN 1,000 PARTICIPANTS		
	Total Participants (in thousands)	Participants in Hybrid Plans (in thousands)	% in Hybrid Plans	Total Participants (in thousands)	Participants in Hybrid Plans (in thousands)	% in Hybrid Plans	Total Participants (in thousands)	Participants in Hybrid Plans (in thousands)	% in Hybrid Plans	Total Participants (in thousands)	Participants in Hybrid Plans (in thousands)	% in Hybrid Plans
2001	34,342	7,034	20.5%	24,761	6,180	25.0%	6,045	698	11.5%	3,536	156	4.4%
2002	34,248	7,915	23.1%	25,110	6,999	27.9%	5,846	763	13.1%	3,292	153	4.6%
2003	34,407	8,475	24.6%	25,556	7,530	29.5%	5,682	789	13.9%	3,168	156	4.9%
2004	34,523	9,993	28.9%	25,981	8,979	34.6%	5,491	837	15.2%	3,051	177	5.8%
2005	34,232	10,333	30.2%	25,900	9,328	36.0%	5,373	821	15.3%	2,959	184	6.2%
2006	33,933	10,326	30.4%	25,848	9,284	35.9%	5,196	853	16.4%	2,889	189	6.5%
2007	33,892	10,921	32.2%	25,905	9,842	38.0%	5,149	874	17.0%	2,838	205	7.2%
2008	33,888	10,687	31.5%	25,954	9,569	36.9%	5,164	878	17.0%	2,770	240	8.7%
2009	33,833	11,602	34.3%	26,089	10,473	40.1%	5,105	896	17.5%	2,639	232	8.8%
2010	33,447	12,490	37.3%	26,059	11,344	43.5%	4,903	905	18.5%	2,484	241	9.7%
2011	33,388	12,642	37.9%	26,259	11,486	43.7%	4,752	914	19.2%	2,377	242	10.2%

Source: Internal Revenue Service Form 5500 Series Filings for single-employer plans.

Hybrid plans incorporate elements of both defined benefit and defined contribution plans but are treated as defined benefit plans. They often express benefits in terms of an account balance. The two most common types of hybrid plans are Cash Balance Plans and Pension Equity Plans.

Because most hybrid plans converted from traditional defined benefit plans, not all participants will receive benefits based on the hybrid plan design.

**Table S-36**  
**PBGC-Insured Plans by Status of Benefit Accruals**  
**and Participation Freeze (2008-2011)**  
**Single-Employer Program**

Beginning of Plan Year	With accrual or participation freeze provision					With no accrual or participation freeze	Total
	Total with provision	Hard-Frozen	Accruals continue, but plan closed to new entrants	Partially-frozen and plan closed to new entrants <sup>1</sup>	Partially-frozen and open to new entrants <sup>1</sup>		
<b>NUMBER OF PLANS</b>							
2008	8,059	6,072	1,053	574	360	20,817	28,876
2009	9,346	7,143	1,158	655	390	18,451	27,797
2010	9,976	7,722	1,171	675	408	16,401	26,377
2011	10,535	8,156	1,298	706	375	15,072	25,607
<b>PERCENT OF PLANS</b>							
2008	27.9%	21.0%	3.6%	2.0%	1.2%	72.1%	100.0%
2009	33.6%	25.7%	4.2%	2.4%	1.4%	66.4%	100.0%
2010	37.8%	29.3%	4.4%	2.6%	1.5%	62.2%	100.0%
2011	41.1%	31.9%	5.1%	2.8%	1.5%	58.9%	100.0%

Source: PBGC Premium Filings.

Hard-frozen plans are plans where no participants are receiving new benefit accruals for additional service or higher compensation.

2011 figures are estimates from PBGC internal calculations.

<sup>1</sup> Includes plans where only service is frozen, or pay and/or service is frozen for some participants.

**Table S-37**  
**Active Participants in PBGC-Insured Plans by Status of Benefit**  
**Accruals and Whether a Plan is Open to New Entrants (2008-2011)**  
**Single-Employer Program**

Beginning of Plan Year	Complete or partial accrual freeze			No accrual freeze		Total	All Plans
	Hard-Frozen	Accruals partially frozen and plan closed to new entrants <sup>1</sup>	Accruals partially frozen and open to new entrants <sup>1</sup>	Plan closed to new entrants	Plan open to new entrants		
<b>NUMBER OF ACTIVE PARTICIPANTS (in thousands)</b>							
2008	1,202	819	521	1,357	10,586	11,943	14,485
2009	1,418	736	468	1,361	9,649	11,011	13,633
2010	1,728	969	554	1,425	8,943	10,368	13,618
2011	1,858	1,196	526	1,662	7,719	9,381	12,961
<b>PERCENT OF ACTIVE PARTICIPANTS</b>							
2008	8.3%	5.7%	3.6%	9.4%	73.1%	82.5%	100.0%
2009	10.4%	5.4%	3.4%	10.0%	70.8%	80.8%	100.0%
2010	12.7%	7.1%	4.1%	10.5%	65.7%	76.1%	100.0%
2011	14.3%	9.2%	4.1%	12.8%	59.6%	72.4%	100.0%

Source: PBGC Premium Filings and Form 5500.

Hard-frozen plans are plans where no participants are receiving new benefit accruals.

2011 figures are estimates from PBGC internal calculations.

<sup>1</sup> Includes plans where only service is frozen, or accruals are hard-frozen for some participants.



**Table S-38**  
**PBGC-Insured Plans, Participants and Premiums by Industry (2011)**  
**Single-Employer Program**

Industry	Insured Plans		Insured Participants <i>(in thousands)</i>		Premiums	
<b>AGRICULTURE, MINING, AND CONSTRUCTION</b>	<b>2,207</b>	<b>8.6%</b>	<b>564</b>	<b>1.7%</b>	<b>\$35,635,156</b>	<b>1.7%</b>
<b>MANUFACTURING</b>	<b>6,261</b>	<b>24.5%</b>	<b>14,931</b>	<b>44.8%</b>	<b>954,559,356</b>	<b>46.1%</b>
Chemical and Allied Products	580	2.3%	1,946	5.8%	120,525,374	5.8%
Fabricated Metal Products	1,020	4.0%	564	1.7%	40,413,732	2.0%
Food, Beverage and Tobacco Products	620	2.4%	1,218	3.6%	66,788,589	3.2%
Machinery and Computer Equipment	745	2.9%	1,794	5.4%	120,063,423	5.8%
Motor Vehicle Equipment	258	1.0%	1,868	5.6%	145,409,943	7.0%
Paper Manufacturing	236	0.9%	558	1.7%	35,283,362	1.7%
Primary Metals	355	1.4%	486	1.5%	50,282,778	2.4%
Rubber and Miscellaneous Plastics	305	1.2%	330	1.0%	33,502,611	1.6%
Other Manufacturing	2,142	8.4%	6,167	18.5%	342,289,544	16.5%
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>938</b>	<b>3.7%</b>	<b>2,413</b>	<b>7.2%</b>	<b>251,032,624</b>	<b>12.1%</b>
Air Transportation	53	0.2%	584	1.8%	114,711,704	5.5%
Other Transportation	511	2.0%	754	2.3%	44,011,329	2.1%
Public Utilities	374	1.5%	1,074	3.2%	92,309,591	4.5%
<b>INFORMATION</b>	<b>648</b>	<b>2.5%</b>	<b>2,251</b>	<b>6.7%</b>	<b>135,935,136</b>	<b>6.6%</b>
<b>WHOLESALE TRADE</b>	<b>1,867</b>	<b>7.3%</b>	<b>772</b>	<b>2.3%</b>	<b>41,462,941</b>	<b>2.0%</b>
<b>RETAIL TRADE</b>	<b>1,134</b>	<b>4.4%</b>	<b>1,843</b>	<b>5.5%</b>	<b>93,219,944</b>	<b>4.5%</b>
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	<b>4,586</b>	<b>17.9%</b>	<b>4,107</b>	<b>12.3%</b>	<b>183,132,647</b>	<b>8.8%</b>
<b>SERVICES</b>	<b>7,070</b>	<b>27.6%</b>	<b>6,288</b>	<b>18.3%</b>	<b>358,415,603</b>	<b>17.3%</b>
Health Care	2,117	8.3%	3,147	9.4%	182,208,110	8.8%
Other Services	4,953	19.3%	3,141	9.4%	176,207,493	8.5%
<b>NON-PROFIT ORGANIZATIONS</b>	<b>896</b>	<b>3.5%</b>	<b>219</b>	<b>0.7%</b>	<b>18,606,593</b>	<b>0.9%</b>
<b>TOTAL</b>	<b>25,607</b>	<b>100.0%</b>	<b>33,388</b>	<b>100.0%</b>	<b>\$2,072,000,000</b>	<b>100.0%</b>

Source: PBGC Premium Filings.

Due to rounding of individual items, numbers and percentages may not add up to totals.

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

**Table S-39**  
**PBGC's Historic Premium Rates**  
**Single-Employer Program**

For Plan Years Beginning	Flat-Rate Premium <i>(per participant)</i>	Variable-Rate Premium*	Premium Rate for Certain Terminated Plans** <i>(per participant)</i>
September 2, 1974 - December 31, 1977	\$1.00	--	--
1978 - 1985	2.60	--	--
1986 - 1987	8.50	--	--
1988 - 1990	16.00	\$6 per \$1,000 of unfunded vested benefits	--
1991 - 2005	19.00	\$9 per \$1,000 of unfunded vested benefits	--
2006	30.00***	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years
2007	31.00	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years
2008	33.00	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years
2009	34.00	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years
2010 - 2012	35.00	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years
2013	42.00	\$9 per \$1,000 of unfunded vested benefits	\$1,250 per year for 3 years

\* Only vested liabilities are used when determining underfunding for variable-rate premium payment purposes. Prior to July 1, 1996, the variable-rate premium was capped at various levels. Effective beginning with the 2007 plan year, a cap was imposed on the variable-rate premium for plans of small employers. If all contributing sponsors to the plan and their controlled group members have 25 or fewer employees, the per-participant variable-rate premium for that plan will be capped at \$5.00 times the number of participants in the plan. (The cap for the plan as a whole is effectively \$5.00 times the square of the number of plan participants.) Effective beginning with the 2008 plan year, an exemption that allowed some underfunded plans to escape payment of the variable-rate premium was eliminated and a modification was made to how underfunding is determined for variable-rate premium purposes. Effective with the 2013 plan year, the premium is capped at \$400 per participant.

\*\* Applies to certain distress or involuntary pension plan terminations that occur after 2005. For certain airline-related plans that terminate within five years of electing to be covered under special funding rules, the annual termination premium (payable for three years) is \$2,500 per participant.

\*\*\* Beginning in 2007 and ending December 31, 2012, this amount was adjusted annually based on changes in the national average wage index (as defined in section 209(k)(1) of the Social Security Act). The premium rate would not decline even if the national average wage index declined. The adjusted premium rate was rounded to the nearest multiple of \$1.

**Table S-40**  
**PBGC Premium Revenue (1980-2012)**  
**Single-Employer Program**

Year	Flat-Rate Premium (in millions)		Variable-Rate Premium (in millions)		Termination Premium (in millions)		Total Premium (in millions)
1980	\$71.2	100.0%	---	---	---	---	\$71.2
1985	81.7	100.0%	---	---	---	---	81.7
1990	509.0	77.2%	\$150.0	22.8%	---	---	659.0
1995	587.0	70.0%	251.0	30.0%	---	---	838.0
1996	600.0	52.4%	546.0	47.6%	---	---	1,146.0
1997	646.0	60.5%	421.0	39.5%	---	---	1,067.0
1998	642.0	66.5%	324.0	33.5%	---	---	966.0
1999	611.0	67.7%	291.0	32.3%	---	---	902.0
2000	661.0	81.9%	146.0	18.1%	---	---	807.0
2001	674.0	82.1%	147.0	17.9%	---	---	821.0
2002	654.0	83.1%	133.0	16.9%	---	---	787.0
2003	647.0	68.2%	301.0	31.8%	---	---	948.0
2004	654.0	44.9%	804.0	55.1%	---	---	1,458.0
2005	664.0	45.8%	787.0	54.2%	---	---	1,451.0
2006	892.0	61.9%	550.0	38.1%	---	---	1,442.0
2007	1,057.0	71.6%	358.0	24.3%	\$61.0	4.1%	1,476.0
2008	1,104.0	78.7%	241.0	17.2%	57.0	4.1%	1,402.0
2009*	1,126.0	61.8%	696.0	38.2%	0.0	0.0%	1,822.0
2010	1,188.0	53.2%	1,043.0	46.8%	0.0	0.0%	2,231.0
2011	1,143.0	55.2%	929.0	44.8%	0.0	0.0%	2,072.0
2012	1,123.0	42.5%	1,495.0	56.6%	24.0	0.9%	2,642.0

Source: PBGC Premium Filings.

Premium data include penalties and interest.

Due to rounding of individual items, percentages may not add up to 100%.

\*Beginning in 2009, PBGC began reporting premium income net of bad debt expense for premium, interest, and penalties.

**Table S-41**  
**PBGC Premium Revenue by Size of Plan and Type of Premium (2011)**  
**Single-Employer Program**

Number of Plan Participants	Flat-Rate Premium		Variable-Rate Premium		Total Premium *	
Fewer Than 100	\$11,612,050	1.0%	\$11,736,787	1.3%	\$23,348,837	1.1%
100 - 499	37,712,999	3.3%	39,821,350	4.3%	77,534,349	3.7%
500 - 999	31,244,923	2.7%	36,056,740	3.9%	67,301,663	3.2%
1,000 - 2,499	77,291,450	6.8%	82,249,035	8.9%	159,540,485	7.7%
2,500 - 4,999	83,666,125	7.3%	77,202,529	8.3%	160,868,654	7.8%
5,000 - 9,999	119,108,720	10.4%	127,481,358	13.7%	246,590,078	11.9%
10,000 or more	782,363,733	68.4%	554,452,201	59.7%	1,336,815,934	64.5%
<b>TOTAL</b>	<b>\$1,143,000,000</b>	<b>100.0%</b>	<b>\$929,000,000</b>	<b>100.0%</b>	<b>\$2,072,000,000</b>	<b>100.0%</b>
<b>PERCENT OF TOTAL</b>	<b>55%</b>		<b>45%</b>		<b>100%</b>	

Source: PBGC Premium Filings.

Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

"Percent of Total" represents the proportion of total premiums made up of the flat-rate and variable-rate premiums, respectively.

\* Excludes termination premium revenues.

**Table S-42**  
**PBGC-Insured Plans and Participants by Total Premium Paid (2011)**  
**Single-Employer Program**

Average Variable-Rate Premium Per Participant	Percent of Variable-Rate Premium-Paying		Percent of All Plans	Percent of Participants in Variable-Rate Premium-Paying		Percent of All Participants
	Plans	Plans		Participants	Plans	
<b>NO VARIABLE-RATE PREMIUM PAID</b>	<b>11,811</b>	---	<b>46.1%</b>	<b>15,296,831</b>	---	<b>45.8%</b>
<b>TOTAL VARIABLE-RATE PREMIUM PAYERS</b>	<b>13,796</b>	<b>100.0%</b>	<b>53.9%</b>	<b>18,090,704</b>	<b>100.0%</b>	<b>54.2%</b>
\$0.01 - \$9.99	1,269	9.2%	5.0%	2,145,669	11.9%	6.4%
\$10.00 - \$19.99	2,635	19.1%	10.3%	1,827,201	10.1%	5.5%
\$20.00 - \$29.99	1,964	14.2%	7.7%	1,905,498	10.5%	5.7%
\$30.00 - \$39.99	1,448	10.5%	5.7%	2,347,231	13.0%	7.0%
\$40.00 - \$49.99	1,096	7.9%	4.3%	1,629,230	9.0%	4.9%
\$50.00 - \$59.99	904	6.6%	3.5%	1,319,148	7.3%	4.0%
\$60.00 - \$69.99	770	5.6%	3.0%	1,482,089	8.2%	4.4%
\$70.00 - \$79.99	599	4.3%	2.3%	716,372	4.0%	2.1%
\$80.00 - \$89.99	478	3.5%	1.9%	989,379	5.5%	3.0%
\$90.00 - \$99.99	392	2.8%	1.5%	414,558	2.3%	1.2%
\$100.00 - \$149.99	1,170	8.5%	4.6%	2,038,313	11.3%	6.1%
\$150.00 - \$199.99	459	3.3%	1.8%	607,638	3.4%	1.8%
\$200.00 - \$249.99	229	1.7%	0.9%	349,982	1.9%	1.0%
\$250.00 - \$299.99	135	1.0%	0.5%	86,571	0.5%	0.3%
\$300.00 or more	248	1.8%	1.0%	231,825	1.3%	0.7%
<b>TOTAL ALL PLANS</b>	<b>25,607</b>	---	<b>100.0%</b>	<b>33,387,535</b>	---	<b>100.0%</b>

Source: PBGC Premium Filings.

Due to rounding of individual items, percentages may not add up to 100%.

Because the flat premium rate is now indexed, the row headings show only the per-participant variable-rate premium paid by plans.

**Table S-43**  
**PBGC-Insured Plans and Participants by Variable-Rate Premium Status (1992-2011)\***  
**Single-Employer Program**

Beginning of Year	Plans Paying Variable-Rate Premium	Plans Paying Flat-Rate Premium Only	Participants in Plans Paying Variable-Rate Premium	Participants in Plans Paying Flat-Rate Premium only	Variable-Rate Premium Interest Rate**		
					First Segment***	Second Segment***	Third Segment***
1992	30.8%	69.2%	27.4%	72.6%		6.16%	
1993	36.4%	63.6%	24.9%	75.1%		5.95%	
1994	43.1%	56.9%	34.2%	65.8%		5.00%	
1995	38.5%	61.5%	23.8%	76.2%		6.30%	
1996	46.8%	53.2%	32.1%	67.9%		4.85%	
1997	37.0%	63.0%	19.4%	80.6%		5.24%	
1998	35.6%	64.4%	16.6%	83.4%		5.09%	
1999	35.1%	64.9%	13.2%	86.8%		4.30%	
2000	28.0%	72.0%	7.4%	92.6%		5.40%	
2001	33.5%	66.5%	8.0%	92.0%		4.67%	
2002	35.7%	64.3%	9.8%	90.2%		5.48%	
2003	45.1%	54.9%	17.2%	82.8%		4.92%	
2004	50.0%	50.0%	33.1%	66.9%		4.94%	
2005	48.3%	51.7%	32.5%	67.5%		4.73%	
2006	38.3%	61.7%	14.4%	85.6%		4.86%	
2007	24.5%	75.5%	11.0%	89.0%		5.75%	
2008	33.4%	66.6%	23.7%	76.3%	4.93%	6.13%	6.69%
2009	41.7%	58.3%	46.9%	53.1%	6.72%	7.12%	6.36%
2010	53.3%	46.7%	53.7%	46.3%	2.35%	5.65%	6.45%
2011	53.9%	46.1%	54.2%	45.8%	1.98%	5.23%	6.52%

Source: PBGC Premium Filings.

\*Excludes plans paying PBGC Termination Premium.

\*\* Interest rates for valuing vested benefits for PBGC variable-rate premium for plans with premium payment years beginning in January of the respective year.

\*\*\* Beginning in 2008, plans were required to use spot segment interest rates published by the IRS for calculating a plan's vested liabilities to determine their variable-rate premiums. The first segment rate applies to benefits expected to be paid within five years, the second to benefits expected to be paid from five to twenty years in the future, and the third to benefits expected to be paid more than twenty years in the future.

**Table S-44**  
**Funding of PBGC-Insured Plans (1980-2011)**  
**Single-Employer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Funding Ratio	Underfunding (in millions)	Overfunding (in millions)	PBGC Rate
1980	\$259,810	\$212,072	123%	\$20,156	\$67,894	8.50%
1985	500,673	308,617	162%	11,182	203,238	9.75%
1990	837,131	604,047	139%	35,689	268,773	7.25%
1991	848,251	687,896	123%	34,485	194,840	7.25%
1992	915,722	771,421	119%	47,528	191,829	6.25%
1993	951,972	844,803	113%	59,622	166,791	6.40%
1994	1,001,129	936,698	107%	75,569	140,000	5.65%
1995	1,032,503	887,730	116%	37,278	182,050	7.15%
1996	1,198,221	1,134,194	106%	83,071	147,098	5.30%
1997	1,368,188	1,192,222	115%	47,906	223,871	5.80%
1998	1,491,488	1,284,725	116%	49,242	256,005	5.40%
1999	1,692,755	1,455,469	116%	54,237	291,524	5.30%
2000	1,836,184	1,271,347	144%	6,566	571,403	7.00%
2001	1,714,534	1,374,416	125%	38,564	378,682	6.40%
2002	1,444,777	1,435,558	101%	142,573	151,793	5.70%
2003	1,372,490	1,620,607	85%	298,996	50,879	5.00%
2004	1,590,057	1,860,514	85%	321,831	51,373	4.00%
2005	1,728,856	1,946,593	89%	282,953	65,215	3.90%
2006	1,840,181	1,910,563	96%	185,883	115,502	4.50%
2007	2,071,160	1,864,958	111%	116,163	251,844	4.99%
2008	2,035,275	1,889,057	108%	84,932	231,150	5.37%
2009	1,561,308	1,945,001	80%	414,303	30,610	5.38%
2010	1,784,273	2,204,591	81%	448,954	28,637	4.52%
2011	2,019,906	2,377,262	85%	396,346	38,990	4.26%

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used for 2010 when the Form 5500 has not yet been filed.

Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later.

**Table S-45**  
**Funding of Underfunded PBGC-Insured Plans (1980-2011)**  
**Single-Employer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Underfunding (in millions)	Funding Ratio	PBGC Rate
1980	\$53,840	\$73,996	\$20,156	73%	8.50%
1985	28,722	39,904	11,182	72%	9.75%
1990	95,068	130,758	35,689	73%	7.25%
1991	147,301	181,786	34,485	81%	7.25%
1992	172,372	219,900	47,528	78%	6.25%
1993	215,695	275,317	59,622	78%	6.40%
1994	308,516	384,085	75,569	80%	5.65%
1995	218,493	255,771	37,278	85%	7.15%
1996	493,597	576,668	83,071	86%	5.30%
1997	353,823	401,729	47,906	88%	5.80%
1998	358,514	407,756	49,242	88%	5.40%
1999	413,446	467,683	54,237	88%	5.30%
2000	63,218	69,784	6,566	91%	7.00%
2001	308,514	347,078	38,564	89%	6.40%
2002	778,351	920,925	142,573	85%	5.70%
2003	1,069,966	1,368,962	298,996	78%	5.00%
2004	1,229,811	1,551,642	321,831	79%	4.00%
2005	1,197,558	1,480,512	282,953	81%	3.90%
2006	971,052	1,156,935	185,883	84%	4.50%
2007	792,767	909,029	116,163	87%	4.99%
2008	698,799	783,731	84,932	89%	5.37%
2009	1,376,306	1,790,608	414,303	77%	5.38%
2010	1,576,485	2,025,439	448,954	78%	4.52%
2011	1,694,339	2,090,685	396,346	81%	4.26%

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.

Data for plan years prior to 1999 include only plans with 100 or more participants.

Final 2010 numbers will be available at end of 2013 when processing of amended filings for that year concludes.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later.



**Table S-46**  
**Funding of Overfunded PBGC-Insured Plans (1980-2011)**  
**Single-Employer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Overfunding (in millions)	Funding Ratio	PBGC Rate
1980	\$205,970	\$138,076	\$67,894	149%	8.50%
1985	471,951	268,713	203,238	176%	9.75%
1990	742,063	473,289	268,773	157%	7.25%
1991	700,950	506,110	194,840	138%	7.25%
1992	743,350	551,520	191,829	135%	6.25%
1993	736,277	569,486	166,791	129%	6.40%
1994	692,613	552,613	140,000	125%	5.65%
1995	814,009	631,959	182,050	129%	7.15%
1996	704,624	557,526	147,098	126%	5.30%
1997	1,014,365	790,494	223,871	128%	5.80%
1998	1,132,974	876,969	256,005	129%	5.40%
1999	1,279,309	987,785	291,524	130%	5.30%
2000	1,772,966	1,201,563	571,403	148%	7.00%
2001	1,406,020	1,027,338	378,682	137%	6.40%
2002	666,426	514,633	151,793	129%	5.70%
2003	302,524	251,645	50,879	120%	5.00%
2004	360,246	308,872	51,373	117%	4.00%
2005	531,297	466,082	65,215	114%	3.90%
2006	869,129	753,627	115,502	115%	4.50%
2007	1,278,393	955,929	251,844	134%	4.99%
2008	1,336,476	1,105,326	231,150	121%	5.37%
2009	185,002	154,393	30,610	120%	5.38%
2010	207,789	179,152	28,637	116%	4.52%
2011	325,567	286,577	38,990	114%	4.26%

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.

Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later.

**Table S-47**  
**Concentration of Underfunding in PBGC-Insured Plans (1990-2011)**  
**Single-Employer Program**

Beginning of Year	Total Underfunding (in millions)	10 Plans With the Highest Underfunding (in millions)		Next 40 Plans' Underfunding (in millions)		All Other Plans' Underfunding (in millions)	
1990	\$35,689	\$14,119	39.6%	\$6,487	18.2%	\$15,083	42.3%
1991	34,485	14,067	40.8%	6,884	20.0%	13,534	39.2%
1992	47,528	21,610	45.5%	7,818	16.4%	18,100	38.1%
1993	59,622	25,894	43.4%	9,337	15.7%	24,392	40.9%
1994	75,569	28,658	37.9%	10,310	13.6%	36,601	48.4%
1995	37,278	6,535	17.5%	7,921	21.2%	22,822	61.2%
1996	83,071	13,850	16.7%	16,410	19.8%	52,810	63.6%
1997	47,906	7,751	16.2%	8,473	17.7%	31,682	66.1%
1998	49,242	14,432	29.3%	6,942	14.1%	27,868	56.6%
1999	54,237	11,500	21.2%	9,018	16.6%	33,719	62.2%
2000	6,566	1,631	24.8%	1,077	16.4%	3,858	58.8%
2001	38,564	12,776	33.1%	7,254	18.8%	18,534	48.1%
2002	142,573	33,691	23.6%	25,933	18.2%	82,949	58.2%
2003	298,996	34,922	11.7%	59,169	19.8%	204,905	68.5%
2004	321,831	34,899	10.8%	62,414	19.4%	224,517	69.8%
2005	282,953	29,255	10.3%	50,825	18.0%	202,874	71.7%
2006	185,883	23,881	12.8%	31,663	17.0%	130,339	70.1%
2007	116,163	16,997	14.6%	19,999	17.2%	79,168	68.2%
2008	84,932	19,242	22.7%	15,397	18.1%	50,293	59.2%
2009	414,303	55,607	13.4%	76,158	18.4%	282,538	68.2%
2010	448,953	63,561	14.2%	79,670	17.7%	305,723	68.1%
2011	396,346	59,146	14.9%	67,937	17.1%	269,263	67.9%

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.

Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later.

**Table S-48**  
**Plans, Participants, and Funding of PBGC-Insured Plans by Funding Ratio (2011)**  
**Single-Employer Program**

Funding Ratio	Plans		Participants <i>(in thousands)</i>		Total Liabilities* <i>(in millions)</i>		Underfunding <i>(in millions)</i>		Overfunding <i>(in millions)</i>	
Less Than 40%	211	0.8%	157	0.5%	\$16,769	0.7%	\$10,987	2.8%	---	---
40% - 49%	337	1.3%	157	0.5%	14,877	0.6%	8,243	2.1%	---	---
50% - 59%	1,294	5.1%	1,252	3.7%	60,006	2.5%	25,391	6.4%	---	---
60% - 69%	4,108	16.0%	4,130	12.4%	232,921	9.8%	80,211	20.2%	---	---
70% - 79%	5,481	21.4%	8,165	24.5%	540,772	22.7%	131,705	33.2%	---	---
80% - 89%	4,621	18.0%	10,017	30.0%	746,804	31.4%	113,967	28.8%	---	---
90% - 99%	2,874	11.2%	5,245	15.7%	478,535	20.1%	25,841	6.5%	---	---
100% - 109%	3,619	14.1%	2,391	7.2%	160,247	6.7%	---	---	\$6,812	17.5%
110% - 119%	817	3.2%	1,096	3.3%	72,156	3.0%	---	---	10,320	26.5%
120% - 129%	445	1.7%	240	0.7%	16,365	0.7%	---	---	3,862	9.9%
130% - 139%	272	1.1%	101	0.3%	11,511	0.5%	---	---	3,756	9.6%
140% - 149%	195	0.8%	240	0.7%	19,976	0.8%	---	---	8,381	21.5%
150% or more	1,333	5.2%	198	0.6%	6,321	0.3%	---	---	5,859	15.0%
<b>TOTAL</b>	<b>25,607</b>	<b>100.0%</b>	<b>33,388</b>	<b>100.0%</b>	<b>\$2,377,262</b>	<b>100.0%</b>	<b>\$396,346</b>	<b>100.0%</b>	<b>\$38,990</b>	<b>100.0%</b>
<b>UNDERFUNDED</b>	<b>18,926</b>	<b>73.9%</b>	<b>29,122</b>	<b>87.2%</b>	<b>\$2,090,685</b>	<b>87.9%</b>	<b>\$396,346</b>	<b>100.0%</b>	---	---
<b>OVERFUNDED</b>	<b>6,681</b>	<b>26.1%</b>	<b>4,265</b>	<b>12.8%</b>	<b>\$286,577</b>	<b>12.1%</b>	---	---	<b>\$38,990</b>	<b>100.0%</b>

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.

Due to rounding of individual items, numbers and percentages may not add up to totals.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later.

**Table S-49**  
**Various Measures of Underfunding in PBGC-Insured Plans (1992-2012)**  
**Single-Employer Program**

Beginning of Year	(A) Form 5500 Filings <i>(in billions)</i>	(B) Variable- Rate Premium <i>(in billions)</i>	(C) Section 4010 Filings <i>(in billions)</i>	(D) Reasonably Possible <i>(in billions)</i>	(E) Total in PBGC-Insured Plans <i>(in billions)</i>
1992	\$47.53	\$31.67	---	\$12.36	\$74.0
1993	59.62	31.67	---	13.06	84.2
1994	75.57	34.11	---	18.23	109.3
1995	37.28	27.89	---	14.56	61.7
1996	83.07	60.67	\$38.10	22.47	94.5
1997	47.91	46.78	28.70	20.73	99.6
1998	49.24	36.00	25.20	15.38	87.8
1999	54.24	32.33	34.90	17.50	104.7
2000	6.57	16.22	7.37	3.79	22.8
2001	38.56	16.33	19.46	9.54	39.4
2002	142.57	14.78	95.57	34.10	163.9
2003	299.00	33.44	273.37	83.92	419.7
2004	321.83	89.33	283.34	95.67	452.1
2005	282.95	87.44	289.64	108.04	431.8
2006	185.88	61.11	212.50	73.30	313.8
2007	114.65	39.78	104.18	65.67	225.1
2008	84.93	26.78	58.03	46.73	150.0
2009	414.16	77.33	84.85	167.86	478.9
2010	448.95	115.90	146.85	169.74	514.1
2011	396.35	103.22	167.18	227.12	462.8
2012	---	166.11	225.72	294.63	---

**Definitions:**

- (A) Underfunding calculated from Internal Revenue Service Form 5500 Series Filings for single-employer plans. Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later. Funding information from PBGC premium filings were used in 2008 whenever Form 5500 data was not available. Vested liabilities are used as a proxy for PBGC-guaranteed benefits.
- (B) Underfunding data from PBGC premium filings used to calculate the variable-rate premium. Underfunding is based on vested benefits.
- (C) Data from filings made under Section 4010 of ERISA, which requires that companies annually provide PBGC with information on their underfunded plans. For the 2007 and earlier plan years, the filing was required if aggregate underfunding exceeded \$50 million or there was an outstanding lien for missed contributions exceeding \$1 million or an outstanding funding waiver of more than \$1 million. For later plan years, a filing is required if plans are less than 80 percent funded in the aggregate. Underfunding for years before 2010 is based on an estimate of vested benefits. Beginning in 2010, underfunding is based on total benefit liabilities.
- (D) Underfunding for plan sponsors with less than investment-grade bond ratings. Underfunding is based on estimated vested benefits.
- (E) Estimated total liabilities are based on all plan liabilities, whether vested or not.

Only (A) and (E) represent the universe of PBGC-insured plans. Firms and plans included in the column (B), (C) and (D) totals may differ from year to year.

See "Underfunding Measures in Table S-47" in the Pension Insurance Data Book 2005, pp 16-23, for a further explanation of these measures.

**Table S-50**  
**Funding of PBGC-Insured Plans by Industry (2011)**  
**Single-Employer Program**

Industry	Average Funding Ratio	Total Liabilities* (in millions)		Underfunding (in millions)		Overfunding (in millions)	
<b>AGRICULTURE, MINING, AND CONSTRUCTION</b>	<b>83%</b>	<b>\$31,078</b>	<b>1.3%</b>	<b>\$5,653</b>	<b>1.4%</b>	<b>\$390</b>	<b>1.0%</b>
<b>MANUFACTURING</b>	<b>86%</b>	<b>1,187,628</b>	<b>50.0%</b>	<b>183,829</b>	<b>46.4%</b>	<b>16,215</b>	<b>41.6%</b>
Chemical and Allied Products	85%	153,838	6.5%	26,432	6.7%	3,098	7.9%
Computer and Electronic Products	88%	84,514	3.6%	14,717	3.7%	4,525	11.6%
Electrical Equipment	84%	100,732	4.2%	15,791	4.0%	22	0.1%
Fabricated Metal Products	78%	27,959	1.2%	6,484	1.6%	241	0.6%
Food and Tobacco Products	88%	76,657	3.2%	10,127	2.6%	913	2.3%
Machinery Manufacturing	84%	61,841	2.6%	9,976	2.5%	339	0.9%
Motor Vehicle Equipment	87%	207,177	8.7%	27,864	7.0%	91	0.2%
Paper Manufacturing	82%	31,671	1.3%	6,717	1.7%	1,112	2.9%
Petroleum and Coal Products	90%	70,487	3.0%	7,575	1.9%	526	1.3%
Primary Metals	76%	38,446	1.6%	9,390	2.4%	45	0.1%
Other Manufacturing	87%	334,306	14.1%	48,756	12.3%	5,303	13.6%
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>80%</b>	<b>257,135</b>	<b>10.8%</b>	<b>55,717</b>	<b>14.1%</b>	<b>3,881</b>	<b>10.0%</b>
Air Transportation	59%	62,425	2.6%	25,588	6.5%	101	0.3%
Other Transportation	87%	41,119	1.7%	6,351	1.6%	938	2.4%
Public Utilities	86%	153,592	6.5%	23,778	6.0%	2,842	7.3%
<b>INFORMATION</b>	<b>81%</b>	<b>166,804</b>	<b>7.0%</b>	<b>33,045</b>	<b>8.3%</b>	<b>1,556</b>	<b>4.0%</b>
<b>WHOLESALE TRADE</b>	<b>82%</b>	<b>39,165</b>	<b>1.6%</b>	<b>7,483</b>	<b>1.9%</b>	<b>296</b>	<b>0.8%</b>
<b>RETAIL TRADE</b>	<b>81%</b>	<b>44,942</b>	<b>1.9%</b>	<b>10,019</b>	<b>2.5%</b>	<b>1,257</b>	<b>3.2%</b>
<b>FINANCE, INSURANCE AND REAL ESTATE</b>	<b>92%</b>	<b>265,510</b>	<b>11.2%</b>	<b>33,001</b>	<b>8.3%</b>	<b>11,030</b>	<b>28.3%</b>
<b>SERVICES</b>	<b>84%</b>	<b>366,493</b>	<b>15.4%</b>	<b>63,720</b>	<b>16.1%</b>	<b>4,131</b>	<b>10.6%</b>
Health Care	77%	141,152	5.9%	33,191	8.4%	1,350	3.5%
Other Services	88%	225,341	9.5%	30,529	7.7%	2,781	7.1%
<b>NON-PROFIT ORGANIZATIONS</b>	<b>80%</b>	<b>18,507</b>	<b>0.8%</b>	<b>3,879</b>	<b>1.0%</b>	<b>233</b>	<b>0.6%</b>
<b>TOTAL</b>	<b>85%</b>	<b>\$2,377,262</b>	<b>100.0%</b>	<b>\$396,346</b>	<b>100.0%</b>	<b>\$38,990</b>	<b>100.0%</b>

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.  
Due to rounding of individual items, numbers and percentages may not add up to totals.

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

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year.

The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(I)(7)-1 of the Income Tax Regulations for 2007 and later.

\*\* Less than 0.05 percent

**Table S-51**  
**Pension Funding Data for PBGC-Insured Plans by Region and State (2011)**  
**Single-Employer Program**

REGION/STATE	OVERFUNDED			UNDERFUNDED			TOTAL	
	Assets <i>(in millions)</i>	Liabilities* <i>(in millions)</i>	Overfunding <i>(in millions)</i>	Assets <i>(in millions)</i>	Liabilities* <i>(in millions)</i>	Underfunding <i>(in millions)</i>	Assets <i>(in millions)</i>	Liabilities* <i>(in millions)</i>
<b>NEW ENGLAND</b>	<b>\$22,844</b>	<b>\$20,904</b>	<b>\$1,941</b>	<b>\$176,610</b>	<b>\$211,528</b>	<b>\$34,918</b>	<b>\$199,455</b>	<b>\$232,432</b>
Connecticut	1,924	1,681	242	110,392	130,073	19,682	112,316	131,755
Maine	107	52	55	3,339	4,161	822	3,446	4,213
Massachusetts	2,062	1,505	557	52,542	64,024	11,482	54,604	65,529
New Hampshire	43	37	6	2,106	2,820	715	2,148	2,857
Rhode Island	18,638	17,568	1,070	7,376	9,304	1,928	26,014	26,872
Vermont	71	61	11	856	1,145	289	927	1,206
<b>MID-ATLANTIC</b>	<b>137,383</b>	<b>115,477</b>	<b>21,907</b>	<b>508,332</b>	<b>620,026</b>	<b>111,694</b>	<b>645,715</b>	<b>735,502</b>
Delaware	747	694	52	17,816	22,084	4,268	18,562	22,778
District of Columbia	2,120	1,566	554	13,275	16,938	3,663	15,394	18,504
Maryland	1,489	1,175	314	38,575	49,657	11,082	40,064	50,832
New Jersey	55,555	44,417	11,138	119,063	140,782	21,719	174,617	185,198
New York	36,345	31,910	4,435	168,717	198,884	30,166	205,063	230,794
Pennsylvania	6,203	5,622	581	89,389	114,523	25,134	95,592	120,144
Virginia	34,518	29,799	4,720	60,522	75,758	15,236	95,040	105,557
West Virginia	407	295	112	976	1,401	425	1,383	1,695
<b>SOUTHEAST</b>	<b>34,973</b>	<b>30,628</b>	<b>4,346</b>	<b>168,325</b>	<b>226,703</b>	<b>58,378</b>	<b>203,298</b>	<b>257,330</b>
Alabama	953	743	210	4,652	5,902	1,249	5,605	6,645
Arkansas	138	106	31	2,007	2,599	592	2,145	2,706
Florida	4,357	3,180	1,176	16,972	22,350	5,378	21,329	25,531
Georgia	18,623	17,597	1,026	50,003	75,510	25,507	68,626	93,107
Kentucky	334	274	60	7,998	10,732	2,733	8,333	11,006
Louisiana	485	421	64	5,777	7,371	1,594	6,262	7,791
Mississippi	470	389	81	992	1,301	309	1,462	1,690
North Carolina	7,997	6,530	1,468	33,049	40,552	7,502	41,047	47,081
South Carolina	875	788	87	9,406	12,717	3,312	10,281	13,505
Tennessee	741	599	142	37,468	47,669	10,201	38,210	48,268
<b>GREAT LAKES</b>	<b>71,307</b>	<b>66,563</b>	<b>4,744</b>	<b>438,636</b>	<b>538,623</b>	<b>99,987</b>	<b>509,943</b>	<b>605,186</b>
Illinois	32,435	30,607	1,828	99,730	128,489	28,759	132,164	159,095
Indiana	6,742	6,023	719	12,588	15,728	3,140	19,330	21,751
Michigan	1,561	1,482	79	200,422	235,647	35,225	201,983	237,129
Minnesota	17,755	17,239	516	32,557	39,490	6,933	50,312	56,729
Ohio	8,797	7,706	1,091	63,740	82,939	19,198	72,537	90,644
Wisconsin	4,018	3,508	510	29,600	36,331	6,731	33,618	39,839

**Table S-51 (continued)**  
**Pension Funding Data for PBGC-Insured Plans by Region and State (2011)**  
**Single-Employer Program**

REGION/STATE	OVERFUNDED			UNDERFUNDED			TOTAL	
	Assets (in millions)	Liabilities* (in millions)	Overfunding (in millions)	Assets (in millions)	Liabilities* (in millions)	Underfunding (in millions)	Assets (in millions)	Liabilities* (in millions)
<b>MIDWEST</b>	<b>\$3,616</b>	<b>\$3,128</b>	<b>\$487</b>	<b>\$48,786</b>	<b>\$62,714</b>	<b>\$13,928</b>	<b>\$52,402</b>	<b>\$65,842</b>
Iowa	301	273	28	10,179	13,175	2,997	10,480	13,448
Kansas	1,674	1,465	208	8,397	11,736	3,339	10,071	13,202
Missouri	1,465	1,268	197	21,090	26,906	5,816	22,554	28,173
Nebraska	149	98	51	8,110	9,588	1,478	8,259	9,686
North Dakota	11	9	2	601	793	192	611	802
South Dakota	17	15	1	410	516	106	427	531
<b>SOUTHWEST</b>	<b>27,595</b>	<b>25,006</b>	<b>2,589</b>	<b>155,960</b>	<b>197,053</b>	<b>41,093</b>	<b>183,555</b>	<b>222,059</b>
Arizona	466	332	134	7,860	9,939	2,078	8,327	10,271
New Mexico	369	281	88	6,005	7,918	1,913	6,374	8,199
Oklahoma	1,123	974	149	8,283	10,154	1,871	9,406	11,128
Texas	25,636	23,418	2,218	133,812	169,042	35,230	159,448	192,460
<b>ROCKY MOUNTAIN</b>	<b>326</b>	<b>287</b>	<b>39</b>	<b>25,950</b>	<b>32,120</b>	<b>6,170</b>	<b>26,276</b>	<b>32,407</b>
Colorado	154	142	12	13,990	17,529	3,539	14,145	17,672
Idaho	30	25	5	2,098	2,780	682	2,128	2,804
Montana	12	11	2	642	794	152	654	804
Nevada	65	57	9	1,914	2,316	402	1,980	2,373
Utah	29	23	6	7,223	8,590	1,367	7,252	8,613
Wyoming	35	30	5	83	112	29	117	141
<b>PACIFIC</b>	<b>27,342</b>	<b>24,417</b>	<b>2,925</b>	<b>168,136</b>	<b>197,276</b>	<b>29,139</b>	<b>195,479</b>	<b>221,693</b>
Alaska	114	108	6	326	476	150	441	584
California	18,930	17,013	1,917	99,698	119,244	19,545	118,628	136,257
Hawaii	285	239	46	2,746	3,806	1,060	3,030	4,045
Oregon	1,081	848	233	6,303	8,476	2,173	7,385	9,324
Washington	6,932	6,209	723	59,062	65,274	6,211	65,994	71,483
<b>U.S. TERRITORIES</b>	<b>177</b>	<b>167</b>	<b>10</b>	<b>2,803</b>	<b>3,621</b>	<b>818</b>	<b>2,980</b>	<b>3,788</b>
Puerto Rico	177	167	10	2,675	3,454	779	2,852	3,620
Virgin Islands	--	--	--	123	161	38	123	161
Other	--	--	--	5	6	1	5	6
<b>FOREIGN COUNTRIES</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>802</b>	<b>1,022</b>	<b>220</b>	<b>805</b>	<b>1,024</b>
<b>TOTAL</b>	<b>\$325,567</b>	<b>\$286,577</b>	<b>\$38,990</b>	<b>\$1,694,339</b>	<b>\$2,090,685</b>	<b>\$396,346</b>	<b>\$2,019,906</b>	<b>\$2,377,262</b>

Sources: Internal Revenue Service Form 5500 Series filings for single-employer plans. PBGC Premium filings are used in 2010 when the Form 5500 has not yet been filed.  
Due to rounding of individual items, numbers may not add up to totals or across columns.

Funding data is reported by state or country of plan administration.

\* Vested liabilities have been adjusted to the PBGC rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(i)(7)-1 of the Income Tax Regulations for 2007 and later.

\*\*Less than \$500,000.

**Table S-52**  
**PBGC Pension Data by Region and State\***  
**Single-Employer Program**

REGION/STATE	CLAIMS 1975-2012		COVERAGE 2011		BENEFITS PAID 2012		Mean Monthly Pension
	Plans	Claims	Plans	Participants	Payees	Payments	
<b>NEW ENGLAND</b>	<b>477</b>	<b>\$1,400,415,103</b>	<b>1,705</b>	<b>1,856,411</b>	<b>34,928</b>	<b>\$217,645,117</b>	<b>\$504</b>
Connecticut	141	422,652,615	617	529,012	7,532	41,402,802	447
Maine	16	118,453,837	80	146,046	3,115	19,906,383	518
Massachusetts	227	737,439,682	752	811,369	16,134	108,344,424	543
New Hampshire	29	57,163,364	91	197,974	4,678	31,691,521	546
Rhode Island	50	48,623,152	107	84,382	1,742	7,888,788	364
Vermont	14	16,082,453	58	87,628	1,727	8,411,199	390
<b>MID-ATLANTIC</b>	<b>1,463</b>	<b>14,442,091,002</b>	<b>7,370</b>	<b>6,968,036</b>	<b>195,013</b>	<b>1,267,454,221</b>	<b>528</b>
Delaware	13	38,743,068	79	142,801	1,594	10,608,329	536
District of Columbia	20	121,865,376	203	94,119	417	2,509,240	506
Maryland	81	104,204,044	420	681,550	16,495	143,556,357	700
New Jersey	243	565,606,235	1,327	1,087,234	17,747	101,651,513	481
New York	577	4,234,245,072	3,256	2,034,913	46,287	318,855,259	560
Pennsylvania	401	5,151,155,408	1,442	1,785,011	78,815	497,653,601	508
Virginia	67	3,013,808,154	515	895,751	19,020	97,937,571	425
West Virginia	61	1,212,463,645	128	246,656	14,638	94,682,349	521
<b>SOUTHEAST</b>	<b>424</b>	<b>4,549,495,020</b>	<b>2,781</b>	<b>6,273,504</b>	<b>193,490</b>	<b>1,093,261,596</b>	<b>461</b>
Alabama	31	242,576,806	190	447,876	18,564	87,746,889	390
Arkansas	17	23,412,630	107	279,111	3,787	15,709,888	329
Florida	96	414,104,685	696	1,421,518	52,823	390,754,068	605
Georgia	71	2,217,225,787	458	869,787	28,277	172,517,176	493
Kentucky	29	103,103,237	225	499,803	7,809	35,959,090	377
Louisiana	30	90,059,973	174	470,594	5,382	28,948,766	431
Mississippi	13	22,007,349	96	327,793	5,901	35,680,096	504
North Carolina	59	426,847,284	414	908,733	36,582	168,234,789	373
South Carolina	21	169,320,011	160	490,067	16,115	70,274,196	353
Tennessee	57	840,837,259	261	558,222	18,250	87,436,637	394
<b>GREAT LAKES</b>	<b>1,345</b>	<b>23,092,782,246</b>	<b>4,818</b>	<b>6,773,305</b>	<b>217,937</b>	<b>1,689,134,247</b>	<b>633</b>
Illinois	320	9,185,283,748	1,390	1,379,327	40,375	307,219,388	626
Indiana	119	1,495,366,853	370	869,787	31,380	295,230,774	774
Michigan	358	7,596,336,177	845	1,333,890	45,479	388,506,451	700
Minnesota	49	215,236,700	396	603,658	8,747	56,556,022	523
Ohio	404	4,221,808,488	1,348	1,875,884	79,708	565,605,935	577
Wisconsin	95	378,750,280	469	710,759	12,248	76,015,677	504



**Table S-52 (continued)**  
**PBGC Pension Data by Region and State\***  
**Single-Employer Program**

REGION/STATE	CLAIMS 1975-2012		COVERAGE 2011		BENEFITS PAID 2011		
	Plans	Claims	Plans	Participants	Payees	Payments	Mean Monthly Pension
<b>MIDWEST</b>	<b>158</b>	<b>\$461,645,035</b>	<b>920</b>	<b>1,869,393</b>	<b>24,980</b>	<b>\$127,305,772</b>	<b>\$413</b>
Iowa	53	113,080,376	247	360,248	6,173	19,198,354	247
Kansas	25	44,246,580	145	347,266	2,986	18,723,917	506
Missouri	72	296,543,601	336	782,159	13,772	78,227,753	465
Nebraska	4	7,328,457	129	210,956	1,423	6,840,396	393
North Dakota	3	212,127	36	58,419	119	524,442	369
South Dakota	1	233,894	27	110,345	507	3,790,910	604
<b>SOUTHWEST</b>	<b>198</b>	<b>802,910,690</b>	<b>1,827</b>	<b>2,872,245</b>	<b>36,097</b>	<b>250,678,250</b>	<b>565</b>
Arizona	32	21,388,399	359	597,167	9,271	76,198,262	672
New Mexico	8	27,564,432	93	113,592	1,515	9,747,806	517
Oklahoma	25	414,617,095	148	308,320	3,876	19,861,457	419
Texas	133	339,340,764	1,227	1,853,166	21,435	144,870,726	549
<b>ROCKY MOUNTAIN</b>	<b>50</b>	<b>249,688,096</b>	<b>623</b>	<b>1,187,844</b>	<b>19,233</b>	<b>188,551,711</b>	<b>816</b>
Colorado	20	203,796,822	269	477,085	9,503	101,710,645	902
Idaho	7	12,709,942	61	110,346	1,899	14,078,504	602
Montana	4	2,288,314	40	68,155	609	5,694,454	765
Nevada	9	949,210	129	327,793	4,440	44,143,065	826
Utah	9	29,852,921	102	152,537	2,416	19,433,454	651
Wyoming	1	90,887	22	51,928	366	3,491,589	784
<b>PACIFIC</b>	<b>314</b>	<b>1,669,252,534</b>	<b>4,060</b>	<b>4,654,011</b>	<b>58,693</b>	<b>524,017,984</b>	<b>740</b>
Alaska	6	50,784,879	21	55,173	577	3,998,554	574
California	232	1,084,011,267	3,379	3,203,284	39,824	344,068,805	712
Hawaii	25	149,466,483	172	142,801	4,160	40,860,652	818
Oregon	23	72,139,821	205	493,312	3,916	30,210,315	662
Washington	28	312,850,084	283	759,441	10,216	104,879,658	856
<b>PUERTO RICO</b>	<b>16</b>	<b>24,444,230</b>	<b>70</b>	<b>55,378</b>	<b>3,436</b>	<b>11,365,426</b>	<b>262</b>
<b>U.S. TERRITORIES</b>	<b>---</b>	<b>---</b>	<b>11</b>	<b>3,100</b>	<b>167</b>	<b>763,711</b>	<b>387</b>
<b>FOREIGN COUNTRIES</b>	<b>2</b>	<b>860,974</b>	<b>30</b>	<b>3,244</b>	<b>2,350</b>	<b>14,270,742</b>	<b>494</b>
<b>TOTAL</b>	<b>4,447</b>	<b>\$46,693,584,930</b>	<b>24,215</b>	<b>32,516,471</b>	<b>786,325</b>	<b>\$5,384,448,777</b>	<b>\$559</b>

Sources: PBGC Fiscal Year Closing File (9/30/12), Retirement Expectations and Pension Plan Coverage Topic Module (Wave 11) of the 2008 Survey of Income and Program Participation (SIPP), PBGC Case Management System, PBGC Premium Filings, PBGC Participant System (PRISM), and fiscal year calculations.

Due to rounding of individual items, numbers may not add up to totals.

\*Claims and plan coverage data by state of plan administration; benefits and participant coverage data by state of payee residence.

SIPP used to estimate participant coverage data.

**Table S-53**  
**PBGC Maximum Guaranteed Benefits (1990-2014)**  
**Single-Employer Program**

Year of Plan Termination	Maximum Monthly Guarantee	Maximum Annual Guarantee
1990	\$2,164.77	\$25,977.24
1991	2,250.00	27,000.00
1992	2,352.27	28,227.24
1993	2,437.50	29,250.00
1994	2,556.82	30,681.84
1995	2,573.86	30,886.32
1996	2,642.05	31,704.60
1997	2,761.36	33,136.32
1998	2,880.68	34,568.16
1999	3,051.14	36,613.68
2000	3,221.59	38,659.08
2001	3,392.05	40,704.60
2002	3,579.55	42,954.60
2003	3,664.77	43,977.24
2004	3,698.86	44,386.32
2005	3,801.14	45,613.68
2006	3,971.59	47,659.08
2007	4,125.00	49,500.00
2008	4,312.50	51,750.00
2009 - 2011	4,500.00	54,000.00
2012	4,653.41	55,840.92
2013	4,789.77	57,477.24
2014	4,943.18	59,318.16

*The Employee Retirement Income Security Act of 1974 (ERISA) mandates that the maximum guaranteed amounts be adjusted annually based on changes in the Social Security contribution and benefit base. The 2010 and 2011 guarantees are the same as for 2009 because the bases did not increase in either year.*

*The maximum guarantee shown applies to workers who retire at age 65. PBGC increases the maximum guarantee for people retiring later than age 65 and reduces it for retirees taking earlier retirement or electing survivor's benefits.*

*In some instances, where a pension plan has adequate resources or PBGC recovers sufficient amounts, a participant may receive benefits in excess of the maximum guarantee.*

*The Pension Protection Act of 2006 provides that if a plan terminates while the sponsor is in a bankruptcy entered into after September 16, 2006, the applicable guarantees will generally be those for the year the sponsor entered bankruptcy regardless of the year the plan actually terminates.*

**Table M-1**  
**Net Financial Position of PBGC's Multiemployer Program (1980-2012)**

Fiscal Year	Assets <i>(in millions)</i>	Liabilities <i>(in millions)</i>	Net Position <i>(in millions)</i>
1980	\$21	\$30	-\$9
1985	78	52	27
1990	190	58	132
1995	477	285	192
1996	505	381	124
1997	596	377	219
1998	745	404	341
1999	692	493	199
2000	694	427	267
2001	807	691	116
2002	944	786	158
2003	1,000	1,261	-261
2004	1,070	1,306	-236
2005	1,160	1,495	-335
2006	1,166	1,905	-739
2007	1,197	2,152	-955
2008	1,327	1,800	-473
2009	1,459	2,328	-869
2010	1,628	3,064	-1,436
2011	1,739	4,509	-2,770
2012	1,807	7,044	-5,237

*Source: PBGC Annual Reports (1980-2012).  
Due to rounding of individual items, numbers may not add up across columns.*

**Table M-2**  
**PBGC Premium Revenue, Benefit Payments, and Expenses (1980-2012)**  
**Multiemployer Program**

Fiscal Year	Total Premium Revenue <i>(in millions)</i>	Benefit Payments <i>(in millions)</i>	Administrative & Investment Expenses <i>(in millions)</i>	Premiums Minus Benefits Paid and Expenses <i>(in millions)</i>
1980	\$5	\$4	\$2	-\$2
1985	14	4	4	7
1990	21	2	2	17
1995	22	2	*	20
1996	22	2	*	20
1997	23	1	*	22
1998	23	1	*	22
1999	23	1	*	22
2000	24	1	*	23
2001	24	1	*	23
2002	25	1	*	24
2003	25	1	*	24
2004	27	1	*	26
2005	26	1	*	25
2006	58	1	*	57
2007	81	*	*	81
2008	90	*	*	90
2009**	95	*	*	95
2010	93	*	12	81
2011	92	*	14	78
2012	92	*	20	72

Source: PBGC Annual Reports (1980-2012).

Due to rounding of individual items, numbers may not add up across columns.

\* Less than \$500,000.

\*\*Beginning in FY 2009, PBGC reports premium income net of bad debt expense for premium, interest, and penalties.

**Table M-3  
PBGC Payees and Benefit Payments (1980-2012)  
Multiemployer Program**

Fiscal Year	Payees in Year*	PERIODIC PENSION PAYMENTS		
		Total <i>(in millions)</i>	Average Monthly Payment	Median Monthly Payment
1980	4,100	\$4	\$77	\$45
1985	3,100	4	91	45
1990	2,170	2	97	50
1995	1,300	2	102	55
1996	1,130	2	104	55
1997	1,000	1	102	55
1998	855	1	104	55
1999	738	1	106	62
2000	626	1	109	62
2001	510	1	112	77
2002	463	1	114	82
2003	389	1	117	90
2004	324	1	135	115
2005	279	1	120	102
2006	238	**	120	105
2007	203	**	126	114
2008	166	**	127	114
2009	134	**	127	114
2010	110	**	136	150
2011	97	**	137	150
2012	74	**	139	150

Sources: PBGC Participant System (PRISM), fiscal year calculations, PBGC Management Reports, and PBGC Benefit Payment Reports.

Payments made on a quarterly, semi-annual, or annual basis were converted to their monthly equivalent.

\*These payees were in the 10 multiemployer plans PBGC trustee prior to October 1980. The Multiemployer Pension Plan (MPPAA)

Amendments Act of 1980 (MPPAA) changed PBGC's responsibility from trusteeship of troubled plans to providing financial assistance (loans) to insolvent multiemployer plans.

\*\*Less than \$500,000.

**Table M-4**  
**PBGC Financial Assistance to Insolvent Plans (1981-2012)**  
**Multiemployer Program**

Year	Plans Receiving Financial Assistance <sup>(1)</sup>	Total Amount of Financial Assistance (in thousands)	Plans Receiving a Lump-Sum Payment <sup>(2)</sup>	Amount of Lump-Sum Payment (in thousands)	Plans Receiving Periodic Payments <sup>(1)</sup>	Amount of Periodic Payments (in thousands)	Repayments of Past Financial Assistance (in thousands)
1981	1	\$311.3	---	---	1	\$311.3	---
1985	3	1,300.0	---	---	3	1,300.0	---
1990	3	1,000.0	---	---	3	1,000.0	---
1995	9	4,346.4	---	---	9	4,346.4	---
1996	12	4,021.8	---	---	12	4,021.8	---
1997	14	4,494.1	---	---	14	4,494.1	---
1998	18	5,437.6	---	---	18	5,437.6	\$3,175.5
1999	21	19,219.7	1	\$14,150.0	20	5,069.7	---
2000	21	91,032.6	2	86,513.6	19	4,519.0	---
2001	22	4,526.3	1 <sup>(3)</sup>	53.4	22	4,472.9	---
2002	23	4,893.9	---	---	23	4,893.9	---
2003	24	5,022.1	1	230.9	23	4,791.2	---
2004	27	10,120.8	1 <sup>(3)</sup>	282.2	27	9,838.6	---
2005	29	13,757.7	1 <sup>(3)</sup>	535.0	28	13,222.7	---
2006	33	70,096.5	1	176.0	32	69,920.5	---
2007	36	71,869.5	3 <sup>(3)</sup>	641.1	36	71,228.4	---
2008	42	84,623.4	5 <sup>(4)</sup>	5,810.3	40	78,813.1	---
2009	43 <sup>(5)</sup>	85,636.5	4 <sup>(3)</sup>	7,308.7	41	78,327.8	---
2010	50	97,083.3	7 <sup>(6)</sup>	10,412.9	44	86,670.4	---
2011	49	114,325.8	5 <sup>(4)</sup>	14,309.5	47	100,016.3	---
2012	49	95,067.6	5	1,017.7	44	94,049.9	---
<b>TOTAL <sup>(7)</sup></b>	<b>73</b>	<b>\$788,186.9</b>	<b>37</b>	<b>\$141,441.3</b>	<b>63</b>	<b>\$646,745.6</b>	<b>\$3,340.5 <sup>(8)</sup></b>

Sources: PBGC Annual Reports and internal calculations.

(1) A number of plans received financial assistance in more than one year.

(2) Lump-sum payments were made to these insolvent multiemployer plans to facilitate mergers and closeouts.

(3) These plans received periodic payments before receiving lump-sum payments.

(4) Three of these five plans received periodic payments before receiving lump-sum payments.

(5) Two of these plans received small lump-sum payments to finalize closeouts initiated in 2008. These two plans are not included with plans receiving a lump-sum payment for 2009.

(6) Six of these seven plans received periodic payments before receiving lump-sum payments.

(7) Total for plan columns represents the total number of multiemployer plans that ever received the stated type of financial assistance from PBGC's Multiemployer Insurance Program.

(8) Only one plan has repaid any of its past financial assistance. That plan repaid only the principal amount of the loans it received.

**Table M-5**  
**PBGC-Insured Plan Participants (1980-2013)**  
**Multiemployer Program**

<b>Year</b>	<b>Total Insured Participants (in thousands)</b>	<b>In Plans with 10,000 or more Participants (in thousands)</b>	<b>In Plans with 5,000-9,999 Participants (in thousands)</b>	<b>In Plans with 2,500-4,999 Participants (in thousands)</b>	<b>In Plans with 1,000-2,499 Participants (in thousands)</b>	<b>In Plans with 500-999 Participants (in thousands)</b>	<b>In Plans with 250-499 Participants (in thousands)</b>	<b>In Plans with Fewer than 250 Participants (in thousands)</b>
1980	7,997	5,072	925	751	731	299	147	71
1985	8,209	5,376	857	761	729	283	136	66
1990	8,534	5,731	891	757	695	290	121	48
1995	8,632	5,986	855	709	661	264	112	45
1996	8,649	5,976	904	713	636	266	106	48
1997	8,740	6,058	906	718	641	263	110	44
1998	8,876	6,212	930	675	650	259	108	42
1999	8,991	6,323	935	666	663	260	104	39
2000	9,132	6,464	953	683	640	261	97	35
2001	9,423	6,776	927	733	617	240	96	33
2002	9,630	6,970	930	739	647	227	87	29
2003	9,699	7,127	885	715	642	228	75	27
2004	9,829	7,248	897	723	643	217	74	26
2005	9,887	7,286	938	709	631	224	74	25
2006	9,911	7,320	944	709	627	219	68	24
2007	10,032	7,504	884	696	644	212	67	24
2008	10,170	7,589	930	716	639	205	67	24
2009	10,396	7,864	907	708	628	203	64	23
2010	10,413	7,921	895	701	612	199	63	23
2011	10,281	7,867	827	699	600	202	64	22
2012	10,372	7,972	823	689	607	200	61	21
2013	10,399	7,971	835	700	613	202	58	21

Source: PBGC Premium Filings.

Due to rounding of individual items, numbers may not add up to totals.

**Table M-6**  
**PBGC-Insured Plans (1980-2013)**  
**Multiemployer Program**

Year	Total Insured Plans	Insured Plans with 10,000 or more Participants	Insured Plans with 5,000-9,999 Participants	Insured Plans with 2,500-4,999 Participants	Insured Plans with 1,000-2,499 Participants	Insured Plans with 500-999 Participants	Insured Plans with 250-499 Participants	Insured Plans with Fewer Than 250 Participants
1980	2,244	120	131	211	452	420	404	506
1985	2,188	137	124	216	459	402	376	474
1990	1,983	140	127	214	428	402	332	340
1995	1,879	144	123	205	409	368	303	327
1996	1,876	143	132	206	400	373	287	335
1997	1,846	145	131	206	401	365	296	302
1998	1,817	147	136	193	400	357	290	294
1999	1,800	149	137	189	403	357	279	286
2000	1,744	152	138	197	388	357	258	254
2001	1,707	159	133	210	377	327	254	247
2002	1,671	163	133	212	397	316	233	217
2003	1,612	166	129	206	391	321	202	197
2004	1,586	166	129	208	393	305	198	187
2005	1,571	164	134	204	381	309	195	184
2006	1,538	162	132	203	380	305	184	172
2007	1,522	167	124	197	388	293	177	176
2008	1,517	167	130	205	388	283	176	168
2009	1,488	170	128	202	381	278	169	160
2010	1,475	168	126	199	372	273	169	168
2011	1,461	172	116	198	366	277	170	162
2012	1,448	174	117	196	368	274	165	154
2013	1,435	171	115	195	370	277	157	150

Source: PBGC Premium Filings.



**Table M-7  
PBGC-Insured Plan Participants by Participant Status (1980-2011)  
Multiemployer Program**

Year	Active Participants	Retired Participants	Separated Vested Participants
1980	75.9%	17.7%	6.5%
1985	66.1%	22.6%	11.4%
1990	58.6%	25.2%	16.2%
1995	52.4%	28.9%	18.7%
1996	52.1%	29.1%	18.8%
1997	52.2%	28.9%	18.9%
1998	51.2%	30.4%	18.3%
1999	50.9%	30.5%	18.6%
2000	51.1%	30.1%	18.7%
2001	49.5%	29.6%	20.9%
2002	48.1%	29.7%	22.2%
2003	47.1%	30.2%	22.8%
2004	46.0%	30.8%	23.2%
2005	45.7%	30.8%	23.5%
2006	45.3%	30.9%	23.8%
2007	44.6%	30.9%	24.5%
2008	43.8%	32.0%	24.2%
2009	41.3%	32.1%	26.7%
2010	39.1%	33.1%	27.7%
2011	38.3%	33.7%	27.9%

*Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans. Data for plan years prior to 1999 include only plans with 100 or more participants.*

*Due to rounding of individual items, percentages may not add up to 100%.*

**Table M-8**  
**PBGC-Insured Plans and Participants by Industry (2011)**  
**Multiemployer Program**

Industry	Insured Plans		Insured Participants	
<b>AGRICULTURE</b>	<b>8</b>	<b>0.5%</b>	<b>15,204</b>	<b>0.1%</b>
<b>MINING</b>	<b>10</b>	<b>0.7%</b>	<b>140,663</b>	<b>1.4%</b>
<b>CONSTRUCTION</b>	<b>809</b>	<b>55.4%</b>	<b>3,776,016</b>	<b>36.7%</b>
Building Construction	91	6.2%	770,862	7.5%
Heavy Construction	81	5.5%	566,113	5.5%
Plumbing, Heating, and Air Conditioning	160	11.0%	401,235	3.9%
Electrical Work	122	8.4%	795,214	7.7%
Building Finishing Contractors	85	5.8%	286,552	2.8%
Foundation, Structure, and Exterior Work	168	11.5%	612,017	6.0%
Other Construction	102	7.0%	344,023	3.3%
<b>MANUFACTURING</b>	<b>169</b>	<b>11.6%</b>	<b>1,158,460</b>	<b>11.3%</b>
Food and Tobacco Products	28	1.9%	189,584	1.8%
Apparel and Textile Products	8	0.5%	5,080	0.0%
Paper and Allied Products	5	0.3%	85,382	0.8%
Printing and Publishing	25	1.7%	161,833	1.6%
Machinery and Computer Equipment	6	0.4%	280,919	2.7%
Electrical and Electronic Equipment	7	0.5%	7,360	0.1%
Other Manufacturing	90	6.2%	428,302	4.2%
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>147</b>	<b>10.1%</b>	<b>1,555,149</b>	<b>15.1%</b>
Trucking	73	5.0%	1,392,956	13.5%
Water Transportation	42	2.9%	106,485	1.0%
Other Transportation and Public Utilities	32	2.2%	55,708	0.5%
<b>INFORMATION</b>	<b>33</b>	<b>2.3%</b>	<b>188,523</b>	<b>1.8%</b>
<b>WHOLESALE TRADE</b>	<b>34</b>	<b>2.3%</b>	<b>79,466</b>	<b>0.8%</b>
<b>RETAIL TRADE</b>	<b>84</b>	<b>5.7%</b>	<b>1,478,818</b>	<b>14.4%</b>
<b>SERVICES</b>	<b>167</b>	<b>11.4%</b>	<b>1,889,084</b>	<b>18.4%</b>
Administrative/Support	40	2.7%	333,888	3.2%
Health Care/Social Assistance	17	1.2%	487,937	4.7%
Accommodation/Food Service	23	1.6%	670,301	6.5%
Other Services	87	6.0%	396,958	3.9%
<b>TOTAL</b>	<b>1,461</b>	<b>100.0%</b>	<b>10,281,383</b>	<b>100.0%</b>

Source: PBGC Premium Filings.

Due to rounding of individual items, numbers and percents may not add up to totals.

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

However, whenever a sponsor indicated its activity as "Insurance & Employee Benefit Funds", a code covering the principal activity of plan participants was determined and substituted.

**Table M-9**  
**Funding of PBGC-Insured Plans (1980-2011)**  
**Multiemployer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Funding Ratio	Underfunding (in millions)	Overfunding (in millions)	PBGC Rate
1980	\$40,363	\$52,123	77%	\$17,887	\$6,126	8.50%
1985	88,182	75,942	116	6,432	18,672	9.75%
1990	166,348	156,149	107	11,574	21,773	7.25%
1991	165,734	160,370	103	13,068	18,432	7.25%
1992	184,670	187,829	98	17,835	14,676	6.25%
1993	197,461	202,177	98	19,864	15,148	6.40%
1994	206,625	225,982	91	29,193	9,837	5.65%
1995	209,947	218,458	96	22,726	14,216	7.15%
1996	238,571	270,551	88	40,019	8,039	5.30%
1997	268,471	287,569	93	32,549	13,452	5.80%
1998	304,158	331,017	92	39,497	12,638	5.40%
1999	320,704	351,021	91	44,379	14,063	5.30%
2000	356,659	339,741	105	21,135	38,054	7.00%
2001	351,108	385,272	91	48,412	14,249	6.40%
2002	330,104	429,329	77	102,469	3,245	5.70%
2003	308,678	486,845	63	178,915	748	5.00%
2004	347,471	556,018	62	209,181	634	4.00%
2005	372,404	598,551	62	226,717	569	3.90%
2006	388,962	588,629	66	200,701	1,034	4.50%
2007	430,091	621,289	69	192,849	1,651	4.99%
2008	440,132	648,069	68	210,167	2,230	5.37%
2009	326,940	672,513	49	345,788	215	5.38%
2010	366,333	756,999	48	391,027	360	4.52%
2011	398,263	798,963	50	401,080	380	4.26%

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans. Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to an interest rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(I)(7)-1 of the Income Tax Regulations for 2007 and later years.

**Table M-10**  
**Funding of Underfunded PBGC-Insured Plans (1980-2011)**  
**Multiemployer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Underfunding (in millions)	Funding Ratio	PBGC Rate
1980	\$24,819	\$42,706	\$17,887	77%	8.50%
1985	22,813	29,246	6,432	78%	9.75%
1990	56,512	68,086	11,574	83%	7.25%
1991	62,563	75,631	13,068	83%	7.25%
1992	93,790	111,625	17,835	84%	6.25%
1993	95,331	115,195	19,864	83%	6.40%
1994	128,718	157,911	29,193	82%	5.65%
1995	118,707	141,434	22,726	84%	7.15%
1996	168,347	208,366	40,019	81%	5.30%
1997	152,633	185,182	32,549	82%	5.80%
1998	180,084	219,582	39,497	82%	5.40%
1999	206,568	250,947	44,379	82%	5.30%
2000	110,729	131,864	21,135	84%	7.00%
2001	222,296	270,708	48,412	82%	6.40%
2002	295,338	397,807	102,469	74%	5.70%
2003	304,027	482,942	178,915	63%	5.00%
2004	342,777	551,959	209,181	62%	4.00%
2005	368,382	595,099	226,717	62%	3.90%
2006	381,439	582,139	200,701	66%	4.50%
2007	416,689	609,537	192,849	68%	4.99%
2008	410,109	620,276	210,167	66%	5.37%
2009	325,936	671,725	345,788	49%	5.38%
2010	364,674	755,701	391,027	48%	4.52%
2011	395,062	796,142	401,080	50%	4.26%

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans. Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to an interest rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(I)(7)-1 of the Income Tax Regulations for 2007 and later years.

**Table M-11**  
**Funding of Overfunded PBGC-Insured Plans (1980-2011)**  
**Multiemployer Program**

Beginning of Year	Assets (in millions)	Liabilities* (in millions)	Overfunding (in millions)	Funding Ratio	PBGC Rate
1980	\$15,543	\$9,417	\$6,126	165%	8.50%
1985	65,368	46,697	18,672	140%	9.75%
1990	109,836	88,062	21,773	125%	7.25%
1991	103,171	84,739	18,432	122%	7.25%
1992	90,880	76,204	14,676	119%	6.25%
1993	102,130	86,981	15,148	117%	6.40%
1994	77,907	68,070	9,837	114%	5.65%
1995	91,240	77,024	14,216	118%	7.15%
1996	70,224	62,185	8,039	113%	5.30%
1997	115,838	102,386	13,452	113%	5.80%
1998	124,073	111,435	12,638	111%	5.40%
1999	114,136	100,074	14,063	114%	5.30%
2000	245,930	207,877	38,054	118%	7.00%
2001	128,812	114,564	14,249	112%	6.40%
2002	34,766	31,522	3,245	110%	5.70%
2003	4,651	3,903	748	119%	5.00%
2004	4,694	4,060	634	116%	4.00%
2005	4,021	3,452	569	116%	3.90%
2006	7,523	6,489	1,034	116%	4.50%
2007	13,402	11,752	1,651	114%	4.99%
2008	30,022	27,793	2,230	108%	5.37%
2009	1,004	789	215	127%	5.38%
2010	1,659	1,298	360	128%	4.52%
2011	3,202	2,821	380	113%	4.26%

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans. Data for plan years prior to 1999 include only plans with 100 or more participants. Final 2010 numbers will be available at end of 2012 when processing of amended returns for that year concludes.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to an interest rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(1)(7)-1 of the Income Tax Regulations for 2007 and later years.

**Table M-12**  
**Concentration of Underfunding in PBGC-Insured Plans (1990-2011)**  
**Multiemployer Program**

Beginning of Year	Total Underfunding (in millions)	10 Plans with the Highest Underfunding (in millions)		Next 40 Plans' Underfunding (in millions)		All Other Plans' Underfunding (in millions)	
1990	\$11,574	\$6,760	58.4%	\$2,791	24.1%	\$2,023	17.5%
1991	13,068	7,906	60.5%	3,123	23.9%	2,038	15.6%
1992	17,835	9,500	53.3%	4,411	24.7%	3,923	22.0%
1993	19,864	10,348	52.1%	4,927	24.8%	4,590	23.1%
1994	29,193	13,575	46.5%	7,012	24.0%	8,606	29.5%
1995	22,726	11,340	49.9%	6,236	27.4%	5,150	22.7%
1996	40,019	16,157	40.4%	10,900	27.2%	12,962	32.4%
1997	32,549	14,666	45.1%	8,166	25.1%	9,717	29.9%
1998	39,497	17,532	44.4%	9,375	23.7%	12,590	31.9%
1999	44,379	19,244	43.4%	10,675	24.1%	14,459	32.6%
2000	21,135	11,493	54.4%	5,255	24.9%	4,387	20.8%
2001	48,412	20,032	41.4%	11,193	23.1%	17,187	35.5%
2002	102,469	34,276	33.5%	24,641	24.0%	43,552	42.5%
2003	178,915	57,902	32.4%	40,600	22.7%	80,413	44.9%
2004	209,181	63,736	30.5%	48,901	23.4%	96,544	46.2%
2005	226,717	68,829	30.4%	52,710	23.2%	105,178	46.4%
2006	200,701	62,461	31.1%	47,822	23.8%	90,418	45.1%
2007	192,849	59,583	30.9%	47,345	24.6%	85,920	44.6%
2008	210,167	58,100	27.6%	55,648	26.5%	96,419	45.9%
2009	345,788	94,545	27.3%	90,896	26.3%	160,347	46.4%
2010	391,027	106,143	27.1%	102,595	26.2%	182,288	46.6%
2011	401,080	108,541	27.1%	108,402	27.0%	184,137	45.9%

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans. Data for plan years prior to 1999 include only plans with 100 or more participants.

Due to rounding of individual items, numbers may not add up across columns.

\* Vested liabilities have been adjusted to an interest rate that, along with an assumed mortality table, reflects the cost to purchase an annuity at the beginning of the relevant year. The assumed mortality table was UP-84 for 1980-1992, GAM-83 for 1993-2006, and the mortality table found in section 1.412(l)(7)-1 of the Income Tax Regulations for 2007 and later years.

**Table M-13**  
**Plans, Participants, and Funding of PBGC-Insured Plans by Funding Ratio (2011)**  
**Multiemployer Program**

Funding Ratio	Plans		Participants <i>(in thousands)</i>		Total Liabilities* <i>(in millions)</i>		Underfunding <i>(in millions)</i>		Overfunding <i>(in millions)</i>	
Less Than 40%	194	13.3%	1,449,833	14.1%	\$141,425	17.7%	\$91,251	22.8%	—	—
40% - 49%	364	24.9%	3,603,122	35.0%	291,780	36.5%	160,703	40.1%	—	—
50% - 59%	472	32.3%	2,839,108	27.6%	202,335	25.3%	93,703	23.4%	—	—
60% - 69%	252	17.2%	1,887,389	18.4%	137,299	17.2%	50,843	12.7%	—	—
70% - 79%	89	6.1%	281,818	2.7%	13,354	1.7%	3,367	0.8%	—	—
80% - 89%	43	2.9%	104,661	1.0%	7,162	0.9%	1,005	0.3%	—	—
90% - 99%	29	2.0%	57,342	0.6%	2,786	0.3%	208	**	—	—
100% - 109%	7	0.5%	48,873	0.5%	2,488	0.3%	—	—	\$143	37.6%
110% - 119%	3	0.2%	3,022	**	40	**	—	—	5	1.3%
120% - 129%	1	0.1%	332	**	1	**	—	—	0	0.0%
130% - 139%	3	0.2%	1,980	**	29	**	—	—	11	2.8%
150% or more	4	0.3%	3,904	**	264	**	—	—	222	58.2%
<b>TOTAL</b>	<b>1,461</b>	<b>100.0%</b>	<b>10,281,383</b>	<b>100.0%</b>	<b>\$798,963</b>	<b>100.0%</b>	<b>\$401,080</b>	<b>100.0%</b>	<b>\$380</b>	<b>100.0%</b>
<b>UNDERFUNDED</b>	<b>1,443</b>	<b>97.6%</b>	<b>10,223,272</b>	<b>99.4%</b>	<b>\$796,142</b>	<b>99.6%</b>	<b>\$401,080</b>	<b>100.0%</b>	<b>—</b>	<b>—</b>
<b>OVERFUNDED</b>	<b>18</b>	<b>2.4%</b>	<b>58,111</b>	<b>0.6%</b>	<b>\$2,821</b>	<b>0.4%</b>	<b>—</b>	<b>—</b>	<b>\$380</b>	<b>100.0%</b>

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans.

Due to aggregation and rounding of individual items, numbers may not add up to total and percentages may not add up to 100%.

\*Vested liabilities have been adjusted to an interest rate that, along with the mortality table found in section 1.412(1)(7)-1 of the Income Tax Regulations, reflects the cost to purchase an annuity at the beginning of 2010.

\*\* Less than 0.05 of one percent.

**Table M-14**  
**Funding of PBGC-Insured Plans by Industry (2011)**  
**Multiemployer Program**

Industry	Average Funding Ratio	Total Liabilities* (in millions)		Underfunding (in millions)		Overfunding (in millions)	
<b>AGRICULTURE</b>	<b>74%</b>	<b>\$930</b>	<b>0.1%</b>	<b>\$238</b>	<b>0.1%</b>	---	---
<b>MINING</b>	<b>50</b>	<b>10,821</b>	<b>1.4</b>	<b>5,460</b>	<b>1.4</b>	---	---
<b>CONSTRUCTION</b>	<b>50</b>	<b>379,463</b>	<b>47.5</b>	<b>189,225</b>	<b>47.2</b>	<b>226</b>	<b>59.4</b>
Building Construction	51	64,757	8.1	31,974	8.0	***	0.1
Heavy Construction	50	62,925	7.9	31,729	7.9	1	0.3
Plumbing, Heating, and Air Conditioning	50	45,162	5.7	22,448	5.6	7	1.8
Electrical Work	52	58,916	7.4	28,331	7.1	---	---
Building Finishing Contractors	47	36,463	4.6	19,241	4.8	2	0.5
Foundation, Structure, and Exterior Work	49	56,359	7.1	28,963	7.2	216	56.7
Other Construction	52	54,881	6.9	26,538	6.6	---	---
<b>MANUFACTURING</b>	<b>53</b>	<b>57,130</b>	<b>7.1</b>	<b>26,763</b>	<b>6.6</b>	<b>63</b>	<b>16.5</b>
Food and Tobacco Products	49	15,222	1.9	7,788	1.9	2	0.4
Apparel and Textile Products	40	44	***	26	***	---	---
Paper and Allied Products	46	3,960	0.5	2,142	0.5	---	---
Printing and Publishing	46	6,797	0.9	3,697	0.9	---	---
Furniture and Fixtures	35	290	***	190	***	---	---
Machinery and Computer Equipment	64	13,495	1.7	4,959	1.2	61	16.0
Electrical and Electronic Equipment	53	1,004	0.1	473	0.1	---	---
Other Manufacturing	54	16,318	2.0	7,488	1.9	---	---
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>47</b>	<b>170,656</b>	<b>21.4</b>	<b>90,376</b>	<b>22.5</b>	<b>28</b>	<b>7.5</b>
Trucking	46	150,248	18.8	80,960	20.2	---	---
Water Transportation	55	16,113	2.0	7,335	1.8	28	7.5
Other Transportation and Public Utilities	52	4,295	0.5	2,081	0.5	---	---
<b>INFORMATION</b>	<b>47</b>	<b>16,971</b>	<b>2.1</b>	<b>9,000</b>	<b>2.2</b>	<b>1</b>	<b>0.4</b>
<b>WHOLESALE TRADE</b>	<b>46</b>	<b>8,808</b>	<b>1.1</b>	<b>4,715</b>	<b>1.2</b>	---	---
<b>RETAIL TRADE</b>	<b>49</b>	<b>60,412</b>	<b>7.6</b>	<b>30,606</b>	<b>7.6</b>	<b>12</b>	<b>3.1</b>
<b>SERVICES</b>	<b>52</b>	<b>93,772</b>	<b>11.7</b>	<b>44,697</b>	<b>9.4</b>	<b>48</b>	<b>13.3</b>
Administration/Support	46	15,507	1.9	8,186	2.0	---	---
Health Care/Social Assistance	54	23,734	3.0	10,637	2.7	48	12.5
Accommodation/Food Service	50	6,897	0.9	3,182	0.8	2	0.6
Other Services	55	47,633	6.0	22,693	5.7	1	0.1
<b>TOTAL</b>	<b>48%</b>	<b>\$798,963</b>	<b>100.0%</b>	<b>\$401,080</b>	<b>100.0%</b>	<b>\$380</b>	<b>100.0%</b>

Source: Internal Revenue Service Form 5500 Series Filings for multiemployer plans.

Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

\*Vested liabilities have been adjusted to an interest rate that, along with the mortality table found in section 1.412(I)(7)-1 of the Income Tax Regulations, reflects the cost to purchase an annuity at the beginning of 2010.

\*\* Less than \$500,000.

\*\*\* Less than 0.05 of one percent.



**Table M-15**  
**PBGC Maximum Guaranteed Benefits (1980-2013)**  
**Multiemployer Program**

Date of Plan Insolvency	Monthly Benefit Formula	Maximum Monthly Guarantee <i>(30 Years of Service)*</i>	Maximum Annual Guarantee <i>(30 Years of Service)*</i>
September 27, 1980, to December 21, 2000	<p style="text-align: center;">The participant's years of service multiplied by the sum of:</p> <p style="text-align: center;">(1) 100% of the first \$5 of the monthly benefit accrual rate                      -plus-                      (2) 75% of the next \$15 of the monthly benefit accrual rate</p>	\$487.50	\$5,850.00
On or after December 22, 2000**	<p style="text-align: center;">The participant's years of service multiplied by the sum of:</p> <p style="text-align: center;">(1) 100% of the first \$11 of the monthly benefit accrual rate                      -plus-                      (2) 75% of the next \$33 of the monthly benefit accrual rate</p>	\$1,072.50	\$12,870.00

\* The formula presumes that the workers' monthly benefits are calculated by multiplying the monthly benefit accrual rate (a plan-specified dollar amount) times years of service. If the monthly benefit accrual rate prior to December 22, 2000, was less than \$20 per year of service or if the accrual rate after December 21, 2000 is less than \$44 per year of service then the maximum benefit guarantee for a participant with 30 years of service will be lower than the amounts shown. Note that there is no cap on applicable years of service; 30 years was selected for illustrative purposes only.

\*\* The increased guarantee does not apply to multiemployer plans that received financial aid from PBGC between December 22, 1999, and December 21, 2000. The original, lower monthly benefit guarantee continues to apply to participants in these plans.

**Table M-16**  
**Illustrative Annual PBGC Maximum Guaranteed Benefit Amounts**  
**(and Percentage of Benefit Guaranteed), 2013**  
**Multiemployer Program**

Years of service	Monthly Accrual Rate per Year of Service				
	\$10	\$30	\$50	\$70	\$90
<b>10</b>	\$1,200 (100%)	\$3,030 (84%)	\$4,290 (72%)	\$4,290 (51%)	\$4,290 (40%)
<b>20</b>	\$2,400 (100%)	\$6,060 (84%)	\$8,580 (72%)	\$8,580 (51%)	\$8,580 (40%)
<b>30</b>	\$3,600 (100%)	\$9,090 (84%)	\$12,870 (72%)	\$12,870 (51%)	\$12,870 (40%)
<b>40</b>	\$4,800 (100%)	\$12,120 (84%)	\$17,160 (72%)	\$17,160 (51%)	\$17,160 (40%)

*Guarantee varies based on each participant's years of service and the plan's benefit multiplier (i.e., monthly benefit accrual rate). The amounts shown above assumes that plan benefits are determined by multiplying a plan-specified benefit accrual rate by years of service (as is the case for most multiemployer plans).*

*If the accrual rate was amended to increase benefits within five years before plan's termination date, some or all the increase will not be guaranteed.*

*This table applies only to plans that became insolvent on or after December 31, 2000.*

**Table M-17  
PBGC's Historic Premium Rates  
Multiemployer Program**

For Plan Years Beginning	Premium Rate <i>(per participant)</i>
September 2, 1974 - August 31, 1979	\$0.50
September 1, 1979 - September 26, 1980	\$0.50 for plan years beginning in September 1979, growing gradually to \$1.00 for plan years beginning September 1, 1980, to September 26, 1980
September 27, 1980 - September 26, 1984	\$1.40
September 27, 1984 - September 26, 1986	\$1.80
September 27, 1986 - September 26, 1988	\$2.20
September 27, 1988 - December 31, 2005	\$2.60
2006 - 2007	\$8.00*
2008 - 2012	\$9.00
2013	\$12.00

\* Beginning in 2007 and ending December 31, 2012, this amount was adjusted annually based on changes in the national average wage index (as defined in section 209(k)(1) of the Social Security Act). The premium rate did not decline even if the national average wage index declined. The adjusted premium rate was rounded to the nearest multiple of \$1.