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Overview

The Pension Benefit Guaranty Corporation (PBGC) was established by the Employee Retirement Income Security Act of 1974 (ERISA) to ensure that participants in defined benefit pension plans receive their pensions if their plans terminate without sufficient assets to pay promised benefits. The PBGC administers separate insurance programs to protect participants in Single-Employer and Multiemployer plans.

The PBGC has published Pension Insurance Data Books and Tables annually since 1996 to present detailed statistics on PBGC program operations and benefit protections. Beginning with the 2015 Data Tables, PBGC is releasing the data in groups, as they become available.

Current and prior years' collection of Data Tables are available on the PBGC's website at:

www.pbgc.gov/prac/data-books.html

**Table S-1
Net Financial Position (1980-2019)
Single-Employer Program**

Fiscal Year	Assets (in millions)	Liabilities (in millions)	Net Position (in millions)
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
2013	83,227	110,608	-27,381
2014	88,013	107,351	-19,338
2015	85,735	109,800	-24,065
2016	97,342	117,922	-20,580
2017	106,196	117,110	-10,914
2018	109,941	107,502	2,439
2019	\$128,068	\$119,412	\$8,656

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

Table S-2
PBGC Premium Revenue, Benefit Payments, and Expenses (1980-
2019)
Single-Employer Program

Fiscal Year	Total Premium Revenue <i>(in millions)</i>	Benefit Payments <i>(in millions)</i>	Administrative & Investment Expenses <i>(in millions)</i>	Premiums Less Benefits Paid and Expenses <i>(in millions)</i>
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
2013	2,943	5,449	434	-2,940
2014	3,812	5,522	464	-2,174
2015	4,138	5,570	446	-1,878
2016	6,379	5,659	465	255
2017	6,739	5,699	481	559
2018	5,518	5,792	489	-763
2019	\$6,352	\$6,020	\$488	-\$156

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

Source: PBGC Annual Reports

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

**Table S-3
PBGC Terminations and Claims (1975-2018)
Single-Employer Program**

Fiscal Year	Number of Plans		Trusteed Termination Data				
	Standard Terminations Filings	Trusteed Terminations*	Assets <i>(in millions)</i>	Liabilities <i>(in millions)</i>	Claims <i>(in millions)</i>	Recoveries <i>(in millions)</i>	Net Claims <i>(in millions)</i>
1975 - 1979	7,955	586	\$145	\$397	\$252	\$56	\$196
1980 - 1984	28,025	622	515	1,257	743	158	585
1985 - 1989	42,599	537	650	2,351	1,702	161	1,541
1990 - 1994	24,171	694	2,275	5,117	2,842	449	2,393
1995 - 1999	15,089	444	1,414	2,197	783	78	705
2000	1,892	74	267	368	101	15	86
2001	1,748	117	2,535	3,686	1,151	185	965
2002	1,452	186	4,520	8,309	3,790	272	3,517
2003	1,203	172	6,934	13,409	6,474	210	6,264
2004	1,198	164	2,833	6,105	3,273	532	2,741
2005	1,108	129	10,317	21,566	11,249	1,799	9,450
2006	1,247	89	2,372	4,589	2,217	1,329	888
2007	1,233	78	630	974	344	31	313
2008	1,405	83	536	817	281	43	237
2009	1,294	192	10,093	17,353	7,260	1,294	5,966
2010	1,308	156	1,326	2,493	1,167	181	986
2011	1,400	100	856	1,524	669	73	596
2012	1,332	118	796	1,726	930	81	849
2013	1,481	97	1,445	2,877	1,432	138	1,294
2014	1,373	67	1,096	1,884	788	128	659
2015	1,197	53	696	1,413	717	42	675
2016	1,225	68	1,249	2,247	998	13	985
2017	1,350	47	461	933	471	8	463
2018	1,468	46	2,486	3,914	1,428	469	959
Total	143,753	4,919	\$56,449	\$107,507	\$51,058	\$7,743	\$43,315

*Trusteed terminations include plans pending trusteeship.

Source: PBGC Fiscal Year Closing File

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

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

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

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trusteed plans.

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.

**Table S-4
PBGC Claims (1975-2018)
Single-Employer Program**

Fiscal Year	Claims	Claims of Top 10 Firms and Percent of Total Annual Claims		Other Claims and Percent of Total Annual Claims	
1975 - 1979	\$252,081,594	---	---	\$252,081,594	100.0%
1980 - 1984	742,708,476	---	---	742,708,476	100.0%
1985 - 1989	1,701,718,991	---	---	1,701,718,991	100.0%
1990 - 1994	2,841,969,959	\$841,082,434	29.6%	2,000,887,525	70.4%
1995	162,127,459	---	---	162,127,459	100.0%
1996	168,583,028	---	---	168,583,028	100.0%
1997	207,994,973	---	---	207,994,973	100.0%
1998	75,461,518	---	---	75,461,518	100.0%
1999	168,647,557	---	---	168,647,557	100.0%
2000	101,399,472	---	---	101,399,472	100.0%
2001	1,150,650,416	668,377,105	58.1%	482,273,310	41.9%
2002	3,789,520,834	2,081,361,846	54.9%	1,708,158,988	45.1%
2003	6,474,348,738	5,550,023,176	85.7%	924,325,562	14.3%
2004	3,272,806,645	52,103,413	1.6%	3,220,703,232	98.4%
2005	11,248,530,091	9,486,441,042	84.3%	1,762,089,049	15.7%
2006	2,216,837,475	1,710,043,418	77.1%	506,794,057	22.9%
2007	344,089,080	---	---	344,089,080	100.0%
2008	280,631,864	---	---	280,631,864	100.0%
2009	7,259,630,388	4,820,085,354	66.4%	2,439,545,034	33.6%
2010	1,167,028,652	---	---	1,167,028,652	100.0%
2011	668,693,461	---	---	668,693,461	100.0%
2012	929,927,332	---	---	929,927,332	100.0%
2013	1,431,921,733	---	---	1,431,921,733	100.0%
2014	787,610,761	---	---	787,610,761	100.0%
2015	716,519,021	---	---	716,519,021	100.0%
2016	997,878,234	---	---	997,878,234	100.0%
2017	471,437,908	---	---	471,437,908	100.0%
2018	1,427,522,102	918,166,172	64.3%	509,355,930	35.7%
Total	\$51,058,277,761	\$26,127,683,960	51.2%	\$24,930,593,801	48.8%

Source: PBGC Fiscal Year Closing File

For purposes of this chart, claims are defined to include the excess of liabilities over assets without regard to recoveries from plan sponsors.

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 presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trusteed plans.

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

**Table S-5
Top 10 Firms Presenting Claims (1975-2018)
Single-Employer Program**

Top 10 Firms	Number of Plans	Fiscal Year(s) of Plan Termination(s)	Claims <i>(by firm)</i>	Vested Participants	Average Claim Per Vested Participant	Percent of Total Claims
1. United Airlines	4	2005	\$7,304,186,215	122,483	\$59,634	14.3%
2. Delphi	6	2009	4,820,085,354	66,614	72,358	9.4%
3. Bethlehem Steel	1	2003	3,702,771,656	92,174	40,172	7.3%
4. US Airways	4	2003, 2005	2,708,976,606	60,585	44,714	5.3%
5. LTV Steel*	6	2002, 2003, 2004	2,134,985,884	83,782	25,483	4.2%
6. Delta Air Lines	1	2006	1,710,043,418	13,237	129,187	3.3%
7. National Steel	7	2003	1,319,009,116	35,152	37,523	2.6%
8. Avaya	1	2018	918,166,172	7,978	115,087	1.8%
9. Pan American Air	3	1991, 1992	841,082,434	53,624	15,685	1.6%
10. Trans World Airlines	2	2001	668,377,105	32,197	20,759	1.3%
Top 10 Total	35		26,127,683,960	567,826	46,014	51.2%
All Other Total	4,884		24,930,593,801	1,746,480	14,275	48.8%
Total	4,919		\$51,058,277,761	2,314,306	\$22,062	100.0%

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

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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

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

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

Vested participant count is as of the date of plan termination.

**Table S-6
PBGC Trusteed Terminations by Fiscal Year and Size of Claim (1975-2018)
Single-Employer Program**

Fiscal Year	Size of Claim					Total Plans	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
1975 - 1979	545	36	5	---	---	586	11.9%
1980 - 1984	539	65	18	---	---	622	12.6%
1985 - 1989	450	67	15	5	---	537	10.9%
1990 - 1994	534	137	17	6	---	694	14.1%
1995 - 1999	310	118	16	---	---	444	9.0%
2000 - 2004	360	245	83	23	2	713	14.5%
2005 - 2009	236	246	70	12	7	571	11.6%
2010	70	65	19	2	---	156	3.2%
2011	33	51	16	---	---	100	2.0%
2012	42	60	14	2	---	118	2.4%
2013	31	45	18	3	---	97	2.0%
2014	16	36	14	1	---	67	1.4%
2015	14	30	7	2	---	53	1.1%
2016	28	27	9	4	---	68	1.4%
2017	15	24	7	1	---	47	1.0%
2018	14	22	8	2	---	46	0.9%
Total Plans	3,237	1,274	336	63	9	4,919	
Percent of Total	65.8%	25.9%	6.8%	1.3%	0.2%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trusteed plans.

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

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

Table S-7
PBGC Claims by Fiscal Year and Size of Claim (1975-2018)
Single-Employer Program

Fiscal Year	Size of Claim					Total Claims	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
1975 - 1979	\$62,068,755	\$89,626,004	\$100,386,835	---	---	\$252,081,594	0.5%
1980 - 1984	80,296,905	191,956,080	470,455,491	---	---	742,708,476	1.5%
1985 - 1989	74,853,432	219,557,666	424,362,735	\$982,945,158	---	1,701,718,991	3.3%
1990 - 1994	125,685,484	449,076,661	447,349,948	1,819,857,866	---	2,841,969,959	5.6%
1995 - 1999	94,471,553	307,763,075	380,579,908	---	---	782,814,535	1.5%
2000 - 2004	120,654,239	810,724,273	2,455,083,772	6,005,486,644	\$5,396,777,177	14,788,726,105	29.0%
2005 - 2009	93,278,091	798,528,587	2,196,154,705	4,469,026,023	13,792,731,492	21,349,718,898	41.8%
2010	30,322,596	206,849,094	559,158,585	370,698,377	---	1,167,028,652	2.3%
2011	17,266,111	143,533,787	507,893,563	---	---	668,693,461	1.3%
2012	16,514,554	192,796,643	502,914,424	217,701,711	---	929,927,332	1.8%
2013	15,581,975	157,201,611	600,446,776	658,691,371	---	1,431,921,733	2.8%
2014	8,128,358	103,205,062	403,681,306	272,596,037	---	787,610,761	1.5%
2015	7,391,823	109,295,286	133,593,981	466,237,930	---	716,519,021	1.4%
2016	12,536,810	84,467,679	277,763,616	623,110,128	---	997,878,234	2.0%
2017	6,020,744	69,214,841	249,024,583	147,177,740	---	471,437,908	0.9%
2018	6,440,437	71,493,523	284,385,139	1,065,203,004	---	1,427,522,102	2.8%
Total	\$771,511,867	\$4,005,289,870	\$9,993,235,368	\$17,098,731,989	\$19,189,508,668	\$51,058,277,761	
Percent of Total	1.5%	7.8%	19.6%	33.5%	37.6%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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-8
PBGC Trusted Plans by Fiscal Year and Funded Ratio (1975-2018)
Single-Employer Program**

Fiscal Year	Funded Ratio				Total Plans	Percent of Total
	Less Than 25%	25% - 49%	50% - 74%	75% or More		
1975 - 1979	163	149	126	148	586	11.9%
1980 - 1984	220	134	135	133	622	12.6%
1985 - 1989	170	112	127	128	537	10.9%
1990 - 1994	190	153	181	170	694	14.1%
1995 - 1999	118	101	139	86	444	9.0%
2000 - 2004	118	202	247	146	713	14.5%
2005 - 2009	108	161	223	79	571	11.6%
2010	32	40	77	7	156	3.2%
2011	20	34	43	3	100	2.0%
2012	30	53	33	2	118	2.4%
2013	26	35	31	5	97	2.0%
2014	14	23	26	4	67	1.4%
2015	15	23	15	---	53	1.1%
2016	16	29	21	2	68	1.4%
2017	19	10	16	2	47	1.0%
2018	12	10	22	2	46	0.9%
Total	1,271	1,269	1,462	917	4,919	
Percent of Total	25.8%	25.8%	29.7%	18.6%		100.0%

Source: PBGC Fiscal Year Closing File
Due to rounding of individual items, percentages may not add up to 100%.

**Table S-9
PBGC Claims by Fiscal Year and Funded Ratio (1975-2018)
Single-Employer Program**

Fiscal Year	Funded Ratio				Total Claims	Percent of Total
	Less Than 25%	25% - 49%	50% - 74%	75% or More		
1975 - 1979	\$170,657,342	\$54,478,604	\$20,968,055	\$5,977,592	\$252,081,594	0.5%
1980 - 1984	303,021,991	308,873,598	119,950,576	10,862,310	742,708,476	1.5%
1985 - 1989	877,097,798	676,465,405	141,070,799	7,084,990	1,701,718,991	3.3%
1990 - 1994	1,664,086,089	326,486,171	767,438,470	83,959,229	2,841,969,959	5.6%
1995 - 1999	103,144,596	184,382,061	339,689,572	155,598,306	782,814,535	1.5%
2000 - 2004	714,371,764	7,974,889,035	5,914,446,187	185,019,119	14,788,726,104	29.0%
2005 - 2009	234,401,539	9,437,016,550	11,515,327,263	162,973,545	21,349,718,898	41.8%
2010	53,867,310	284,595,608	826,131,496	2,434,237	1,167,028,652	2.3%
2011	108,698,875	202,989,322	353,370,914	3,634,349	668,693,461	1.3%
2012	48,728,018	634,602,096	246,352,933	244,285	929,927,332	1.8%
2013	145,724,377	451,803,374	833,935,782	458,200	1,431,921,733	2.8%
2014	30,345,834	171,059,464	580,066,046	6,139,418	787,610,761	1.5%
2015	35,662,892	486,599,369	194,256,759	---	716,519,021	1.4%
2016	19,661,353	325,338,965	647,052,377	5,825,539	997,878,234	2.0%
2017	43,280,570	88,269,217	339,796,432	91,689	471,437,908	0.9%
2018	19,065,745	59,606,387	1,332,214,529	16,635,440	1,427,522,102	2.8%
Total	\$4,571,816,095	\$21,667,455,227	\$24,172,068,189	\$646,938,250	\$51,058,277,761	
Percent of Total	9.0%	42.4%	47.3%	1.3%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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-10
PBGC Trusteed Plans by Size of Claim and Funded Ratio (1975-2018)
Single-Employer Program**

Funded Ratio	Size of Claim					Total Plans	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
Less Than 25%	923	294	45	9	---	1,271	25.8%
25% - 49%	702	414	126	23	4	1,269	25.8%
50% - 74%	790	483	153	31	5	1,462	29.7%
75% or More	822	83	12	---	---	917	18.6%
Total	3,237	1,274	336	63	9	4,919	
Percent of Total	65.8%	25.9%	6.8%	1.3%	0.2%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trusteed plans. Claims values and distributions are subject to change as PBGC completes reviews.

**Table S-11
PBGC Claims by Size of Claim and Funded Ratio (1975-2018)
Single-Employer Program**

Funded Ratio	Size of Claim					Total Claims	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
Less Than 25%	\$259,570,798	\$779,882,931	\$1,234,984,168	\$2,297,378,198	---	\$4,571,816,095	9.0%
25% - 49%	211,515,319	1,389,228,524	4,022,590,709	6,573,885,831	\$9,470,234,844	21,667,455,227	42.4%
50% - 74%	221,429,363	1,598,270,409	4,405,626,633	8,227,467,961	9,719,273,824	24,172,068,189	47.3%
75% or More	78,996,386	237,908,006	330,033,859	---	---	646,938,250	1.3%
Total	\$771,511,867	\$4,005,289,870	\$9,993,235,368	\$17,098,731,989	\$19,189,508,668	\$51,058,277,761	
Percent of Total	1.5%	7.8%	19.6%	33.5%	37.6%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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 (1975-2018)
Single-Employer Program**

Number of Plan Participants	Vested Participants	Number of Plans	Claims		Average Claim Per Participant	Claims* (2018 Dollars)		Average Claim Per Participant (2018 Dollars)
			Amount	Percent of Total		Amount	Percent of Total	
Fewer Than 100	105,384	2,918	\$1,251,343,806	2.5%	\$11,874	\$1,753,840,651	2.5%	\$16,642
100-999	524,166	1,657	5,870,738,564	11.5%	11,200	8,563,186,826	12.4%	16,337
1,000-4,999	540,673	267	8,969,717,871	17.6%	16,590	12,724,175,858	18.4%	23,534
5,000-9,999	286,988	40	7,421,577,409	14.5%	25,860	9,832,248,226	14.2%	34,260
10,000 or More	857,095	37	27,544,900,113	53.9%	32,138	36,295,942,926	52.5%	42,348
Total	2,314,306	4,919	\$51,058,277,761	100.0%	\$22,062	\$69,169,394,487	100.0%	\$29,888

*Adjusted Claims are calculated using Consumer Price Index - Urban Consumers for the fiscal year.

Sources: PBGC Fiscal Year Closing File and Bureau of Labor Statistics

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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

Claim calculations represent aggregated and average counts of plans, claims, and participants over the stated period.

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

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 (1975-2018)
Single-Employer Program**

Fiscal Year	Number of Plan Participants						Total Plans	Percent of Total
	Fewer Than 25	25 - 99	100 - 999	1,000 - 4,999	5,000 - 9,999	10,000 or More		
1975 - 1979	193	223	159	11	---	---	586	11.9%
1980 - 1984	189	242	171	20	---	---	622	12.6%
1985 - 1989	156	201	161	14	4	1	537	10.9%
1990 - 1994	157	252	260	21	1	3	694	14.1%
1995 - 1999	98	164	147	31	3	1	444	9.0%
2000 - 2004	115	196	312	61	17	12	713	14.5%
2005 - 2009	117	155	219	57	5	18	571	11.6%
2010	38	53	53	10	2	---	156	3.2%
2011	22	34	34	10	---	---	100	2.0%
2012	37	38	36	6	1	---	118	2.4%
2013	30	32	25	8	2	---	97	2.0%
2014	15	24	23	4	---	1	67	1.4%
2015	18	15	17	2	1	---	53	1.1%
2016	28	17	16	4	2	1	68	1.4%
2017	13	18	10	6	---	---	47	1.0%
2018	13	15	14	2	2	---	46	0.9%
Total	1,239	1,679	1,657	267	40	37	4,919	
Percent of Total	25.2%	34.1%	33.7%	5.4%	0.8%	0.8%		100.0%

Source: PBGC Fiscal Year Closing File
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 (1975-2018)
Single-Employer Program**

Fiscal Year	Number of Plan Participants						Total Claims	Percent of Total
	Fewer Than 25	25 - 99	100 - 999	1,000 - 4,999	5,000 - 9,999	10,000 or More		
1975 - 1979	\$6,246,624	\$20,666,331	\$131,536,741	\$93,631,897	---	---	\$252,081,594	0.5%
1980 - 1984	15,011,718	40,210,162	257,323,475	430,163,121	---	---	742,708,476	1.5%
1985 - 1989	8,553,517	42,641,404	307,011,427	360,567,484	\$738,503,990	\$244,441,168	1,701,718,991	3.3%
1990 - 1994	15,759,225	72,912,208	561,516,393	883,782,003	62,798,863	1,245,201,267	2,841,969,959	5.6%
1995 - 1999	14,384,359	64,119,880	291,527,452	281,353,421	102,443,025	28,986,398	782,814,535	1.5%
2000 - 2004	22,619,910	130,974,701	1,302,320,114	2,364,493,522	3,045,986,955	7,922,330,904	14,788,726,104	29.0%
2005 - 2009	53,564,817	137,326,159	997,499,670	1,691,652,081	747,498,204	17,722,177,968	21,349,718,898	41.8%
2010	12,849,043	70,189,881	355,699,494	403,136,824	325,153,410	---	1,167,028,652	2.3%
2011	18,635,157	48,136,856	222,200,169	379,721,279	---	---	668,693,461	1.3%
2012	23,768,503	76,576,644	356,493,569	360,707,609	112,381,007	---	929,927,332	1.8%
2013	31,762,404	73,870,860	265,280,914	502,583,815	558,423,741	---	1,431,921,733	2.8%
2014	16,766,419	45,591,705	248,825,128	203,831,472	---	272,596,037	787,610,761	1.5%
2015	18,077,973	34,611,206	165,091,982	150,035,805	348,702,055	---	716,519,021	1.4%
2016	17,344,512	31,384,612	166,252,533	282,069,398	391,660,807	109,166,371	997,878,234	2.0%
2017	13,768,280	27,917,091	69,972,867	359,779,671	---	---	471,437,908	0.9%
2018	23,673,406	21,428,241	172,186,636	222,208,468	988,025,351	---	1,427,522,102	2.8%
Total	\$312,785,865	\$938,557,942	\$5,870,738,564	\$8,969,717,871	\$7,421,577,409	\$27,544,900,113	\$51,058,277,761	
Percent of Total	0.6%	1.8%	11.5%	17.6%	14.5%	53.9%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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 (1975-2018)
Single-Employer Program**

Number of Plan Participants	Size of Claim					Total Plans	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
Fewer Than 25	1,162	76	1	---	---	1,239	25.2%
25 - 99	1,395	281	3	---	---	1,679	34.1%
100 - 999	667	847	143	---	---	1,657	33.7%
1,000 - 4,999	13	69	167	18	---	267	5.4%
5,000 - 9,999	---	1	15	24	---	40	0.8%
10,000 or More	---	---	7	21	9	37	0.8%
Total	3,237	1,274	336	63	9	4,919	
Percent of Total	65.8%	25.9%	6.8%	1.3%	0.2%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trusteed plans. Claim values and distributions are subject to change as PBGC completes reviews.

Table S-16
PBGC Claims by Size of Claim and Plan Size (1975-2018)
Single-Employer Program

Number of Plan Participants	Size of Claim					Total Claims	Percent of Total
	Less Than \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	\$1 Billion or More		
Fewer Than 25	\$167,196,284	\$133,915,827	\$11,673,754	---	---	\$312,785,865	0.6%
25 - 99	343,987,919	559,726,410	34,843,613	---	---	938,557,942	1.8%
100 - 999	253,910,573	2,969,484,226	2,647,343,765	---	---	5,870,738,564	11.5%
1,000 - 4,999	6,417,091	335,742,572	6,108,068,481	\$2,519,489,726	---	8,969,717,871	17.6%
5,000 - 9,999	---	6,420,835	852,462,146	6,562,694,427	---	7,421,577,408	14.5%
10,000 or More	---	---	338,843,609	8,016,547,836	\$19,189,508,668	27,544,900,113	53.9%
Total	\$771,511,867	\$4,005,289,870	\$9,993,235,368	\$17,098,731,989	\$19,189,508,668	\$51,058,277,761	
Percent of Total	1.5%	7.8%	19.6%	33.5%	37.6%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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 (1975-2018) Single-Employer Program						
Number of Plan Participants	Funded Ratio				Total Plans	Percent of Total
	Less Than 25%	25%-49%	50%-74%	75% or More		
Fewer Than 25	476	271	216	276	1,239	25.2%
25-99	483	444	441	311	1,679	34.1%
100-999	273	445	655	284	1,657	33.7%
1,000-4,999	34	82	112	39	267	5.4%
5,000-9,999	4	16	17	3	40	0.8%
10,000 or More	1	11	21	4	37	0.8%
Total	1,271	1,269	1,462	917	4,919	
Percent of Total	25.8%	25.8%	29.7%	18.6%		100.0%

Source: PBGC Fiscal Year Closing File
Due to rounding of individual items, percentages may not add up to 100%.

**Table S-18
PBGC Claims by Funded Ratio and Plan Size (1975-2018)
Single-Employer Program**

Number of Plan Participants	Funded Ratio				Total Claims	Percent of Total
	Less Than 25%	25%-49%	50%-74%	75% or More		
Fewer Than 25	\$170,417,229	\$84,523,808	\$52,971,801	\$4,873,027	\$312,785,865	0.6%
25-99	351,388,393	338,094,709	225,508,713	23,566,127	938,557,942	1.8%
100-999	874,219,495	2,204,129,173	2,581,037,829	211,352,067	5,870,738,563	11.5%
1,000-4,999	1,569,714,820	3,298,999,409	3,937,624,295	163,379,346	8,969,717,870	17.6%
5,000-9,999	826,538,771	3,015,511,695	3,450,363,984	129,162,959	7,421,577,409	14.5%
10,000 or More	779,537,389	12,726,196,432	13,924,561,568	114,604,725	27,544,900,113	53.9%
Total	\$4,571,816,095	\$21,667,455,227	\$24,172,068,189	\$646,938,251	\$51,058,277,761	
Percent of Total	9.0%	42.4%	47.3%	1.3%		100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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 (1975-2018)
Single-Employer Program**

Industry	Total Claims		Plans		Vested Participants	
AGRICULTURE, MINING, AND CONSTRUCTION	\$795,924,169	1.6%	289	5.9%	47,534	2.1%
MANUFACTURING	28,202,824,093	55.2%	2,889	58.7%	1,353,233	58.5%
Chemical and Allied Products	337,993,700	0.7%	64	1.3%	17,986	0.8%
Computer and Electronic Products	---	0.0%	---	0.0%	---	0.0%
Electrical Equipment	129,117,831	0.3%	76	1.5%	14,157	0.6%
Fabricated Metal Products	1,850,819,104	3.6%	681	13.8%	135,013	5.8%
Food and Tobacco Products	484,283,433	0.9%	185	3.8%	53,346	2.3%
Machinery Manufacturing	1,304,950,609	2.6%	297	6.0%	97,986	4.2%
Motor Vehicle Equipment	5,469,545,508	10.7%	135	2.7%	129,458	5.6%
Paper Manufacturing	518,505,998	1.0%	126	2.6%	28,375	1.2%
Petroleum and Coal Products	60,851,033	0.1%	16	0.3%	5,609	0.2%
Primary Metals	12,585,085,146	24.6%	358	7.3%	429,804	18.6%
Other Manufacturing	5,461,671,731	10.7%	951	19.3%	441,499	19.1%
TRANSPORTATION AND PUBLIC UTILITIES	14,452,276,993	28.3%	213	4.3%	379,955	16.4%
Air Transportation	14,010,182,801	27.4%	44	0.9%	340,758	14.7%
Other Transportation	438,943,190	0.9%	159	3.2%	38,780	1.7%
Public Utilities	3,151,002	0.0%	10	0.2%	417	0.0%
INFORMATION	1,422,810,750	2.8%	76	1.5%	29,419	1.3%
WHOLESALE TRADE	595,681,826	1.2%	301	6.1%	44,900	1.9%
RETAIL TRADE	1,155,185,045	2.3%	349	7.1%	184,823	8.0%
FINANCE, INSURANCE, AND REAL ESTATE	1,104,488,657	2.2%	169	3.4%	84,143	3.6%
SERVICES	3,126,944,742	6.1%	554	11.3%	182,187	7.9%
Health Care	1,835,039,490	3.6%	174	3.5%	106,935	4.6%
Other Services	1,291,905,252	2.5%	380	7.7%	75,252	3.3%
NON-PROFIT ORGANIZATIONS	202,141,488	0.4%	79	1.6%	8,112	0.4%
TOTAL	\$51,058,277,761	100.0%	4,919	100.0%	2,314,306	100.0%

Source: PBGC Fiscal Year Closing File

Values presented for Claims are the difference between liabilities and assets unless noted as Net Claims, which also consider recoveries from trustee plans.

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 (1980-2018)
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 (per payee)	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	39	2,198	5,384	786	590
2013	5,386	799	539	283	63	39	1,600	5,449	801	600
2014	5,436	812	539	283	86	39	2,014	5,522	815	488
2015	5,486	825	536	279	84	40	2,054	5,570	828	560
2016	5,545	837	535	278	113	36	3,031	5,659	842	559
2017	5,578	839	535	278	121	40	2,535	5,699	842	552
2018	\$5,704	861	\$533	\$278	\$87	39	\$2,252	\$5,792	864	542

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 (Fiscal Year 2018) Single-Employer Program							
Fiscal Year of Plan Termination	2018 Payees		Benefit Payments in 2018 <i>(in millions)</i>		Average Monthly Pension	Median Monthly Pension	Deferred Payees in 2018 <i>(in thousands)</i>
Prior to 1980	2,276	0.3%	\$3	0.0%	\$143	\$82	1
1980 to 1984	13,013	1.5%	30	0.5%	207	157	2
1985 to 1989	23,995	2.8%	77	1.3%	290	194	3
1990 to 1994	74,154	8.6%	297	5.1%	369	236	13
1995	6,801	0.8%	25	0.4%	348	175	2
1996	8,296	1.0%	23	0.4%	262	137	2
1997	11,937	1.4%	40	0.7%	307	199	4
1998	4,258	0.5%	14	0.2%	326	170	3
1999	9,429	1.1%	30	0.5%	350	170	9
2000	7,505	0.9%	23	0.4%	275	145	2
2001	46,551	5.4%	261	4.5%	475	267	40
2002	86,263	10.0%	469	8.1%	460	263	21
2003	90,468	10.5%	793	13.7%	731	396	21
2004	65,242	7.6%	330	5.7%	451	237	26
2005	115,358	13.4%	1,100	19.0%	816	466	93
2006	23,279	2.7%	271	4.7%	1,074	447	15
2007	13,549	1.6%	56	1.0%	368	189	10
2008	10,072	1.2%	50	0.9%	453	223	9
2009	122,114	14.1%	1,053	18.2%	786	415	101
2010	26,521	3.1%	143	2.5%	496	265	27
2011	14,370	1.7%	78	1.4%	563	276	19
2012	12,585	1.5%	74	1.3%	598	251	19
2013	18,115	2.1%	130	2.3%	645	367	23
2014	19,899	2.3%	86	1.5%	408	183	22
2015	10,402	1.2%	63	1.1%	583	301	12
2016	16,166	1.9%	91	1.6%	566	230	26
2017	5,674	0.7%	29	0.5%	637	211	10
2018	5,616	0.7%	47	0.8%	1,991	1,942	10
Subtotal	846,494	98.0%	\$5,687	98.2%	\$533	\$278	542
Recently Terminated Plans	17,414	2.0%	\$105	1.8%	**	**	**
Total	863,908	100.0%	\$5,792	100.0%	**	**	542

This table is developed primarily using data from PBGC's Payment System (PPS). Some recently terminated plans are still in the process of being added to PPS. Because it's possible that some of those plans may have terminated before the current fiscal year, all terminated plans that are not yet in PPS are shown as a separate line item.

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 (Fiscal Year 2018) Single-Employer Program						
Number of Plan Participants	Periodic Payees		Periodic Payments <i>(in millions)</i>		Average Monthly Pension Payment	Median Monthly Pension Payment
Fewer Than 100	23,745	2.8%	\$107	1.9%	\$368	\$190
100 - 499	89,181	10.4%	358	6.3%	321	193
500 - 999	61,344	7.1%	273	4.8%	364	212
1,000 - 4,999	197,318	22.9%	975	17.1%	393	226
5,000 - 9,999	115,429	13.4%	800	14.0%	607	307
10,000 - 24,999	174,255	20.3%	1,404	24.6%	636	293
25,000 or More	199,285	23.2%	1,787	31.3%	703	506
Total	860,557	100.0%	\$5,704	100.0%	\$533	\$278

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.
Beginning with the 2016 data tables, plan size was determined as of the Date of Plan Trusteeship. Prior to the 2016 Tables, plan size had been based on

Table S-23
Total PBGC Payees and Average Benefit Payments by Age and Gender
(Fiscal Year 2018)
Single-Employer Program

Age	Total Payees			Male			Female		
	Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension	
Younger Than 60	30,053	3.5%	\$345	15,043	3.1%	\$382	15,010	4.0%	\$309
60 - 64	86,921	10.1%	486	50,481	10.5%	557	36,440	9.6%	388
65 - 69	177,334	20.6%	558	105,253	21.9%	635	72,081	19.0%	446
70 - 74	190,509	22.1%	576	111,877	23.3%	676	78,632	20.7%	434
75 - 79	150,231	17.5%	580	87,655	18.2%	729	62,576	16.5%	371
80 - 84	107,198	12.5%	545	58,355	12.1%	748	48,843	12.9%	302
85 and Older	118,312	13.8%	437	52,100	10.8%	680	66,212	17.4%	245
Total	860,558	100.0%	\$533	480,764	100.0%	\$664	379,794	100.0%	\$367

This table is based primarily on data provided by the PBGC's Payment System (PPS).
 Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.
 Ages are calculated as of the last day of the fiscal year.
 Beginning in fiscal year 2014 the percentages displayed represent the proportion of each age group within each gender.

Table S-24 PBGC Retired Payees and Average Benefit Payments by Age and Gender (Fiscal Year 2018) Single-Employer Program									
Age	Total Retirees			Male			Female		
	Periodic Payees		Average Monthly Pension	Periodic Payees		Average Monthly Pension	Periodic Payees		Average Monthly Pension
Younger Than 60	22,101	3.1%	\$362	13,661	2.9%	\$394	8,440	3.5%	\$310
60 - 64	76,428	10.7%	507	49,709	10.5%	561	26,719	10.9%	406
65 - 69	160,097	22.4%	580	103,929	22.0%	640	56,168	22.9%	470
70 - 74	167,472	23.4%	606	110,186	23.4%	682	57,286	23.4%	460
75 - 79	125,139	17.5%	630	86,008	18.2%	738	39,131	16.0%	392
80 - 84	83,120	11.6%	619	57,171	12.1%	759	25,949	10.6%	309
85 and Older	82,105	11.5%	520	50,853	10.8%	693	31,252	12.8%	238
Total	716,462	100.0%	\$578	471,517	100.0%	\$672	244,945	100.0%	\$396

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.
Ages are calculated as of the last day of the fiscal year.
Beginning in fiscal year 2014 the percentages displayed represent the proportion of each age group within each gender.

Table S-25
PBGC Beneficiary Payees and Average Benefit Payments by Age and Gender
(Fiscal Year 2018)
Single-Employer Program

Age	Total Beneficiaries			Male			Female		
	Periodic Payees		Average Monthly Pension	Periodic Payees		Average Monthly Pension	Periodic Payees		Average Monthly Pension
Younger Than 60	7,952	5.5%	\$299	1,382	15.0%	\$261	6,570	4.9%	\$307
60 - 64	10,493	7.3%	331	772	8.4%	252	9,721	7.2%	338
65 - 69	17,237	12.0%	354	1,324	14.3%	267	15,913	11.8%	362
70 - 74	23,037	16.0%	357	1,691	18.3%	277	21,346	15.8%	363
75 - 79	25,092	17.4%	329	1,647	17.8%	251	23,445	17.4%	335
80 - 84	24,078	16.7%	289	1,184	12.8%	213	22,894	17.0%	293
85 and Older	36,207	25.1%	249	1,247	13.5%	168	34,960	25.9%	251
Total	144,096	100.0%	\$308	9,247	100.0%	\$244	134,849	100.0%	\$313

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.
Ages are calculated as of the last day of the fiscal year.
Beginning in fiscal year 2014 the percentages displayed represent the proportion of each age group within each gender.
The weights to calculate averages were updated for the 2016 data tables.

Table S-26 Total PBGC Payees and Benefit Payments by Size of Monthly Payment (Fiscal Year 2018) Single-Employer Program				
Monthly Payment	Periodic Payees		Periodic Payments <i>(in millions)</i>	
Less Than \$50	42,244	4.9%	\$5	0.1%
\$50 - \$99	112,604	13.1%	109	1.9%
\$100 - \$149	103,119	12.0%	160	2.8%
\$150 - \$199	79,180	9.2%	173	3.0%
\$200 - \$249	64,580	7.5%	182	3.2%
\$250 - \$299	48,248	5.6%	166	2.9%
\$300 - \$349	43,076	5.0%	176	3.1%
\$350 - \$399	32,770	3.8%	155	2.7%
\$400 - \$449	30,962	3.6%	166	2.9%
\$450 - \$499	24,635	2.9%	147	2.6%
\$500 - \$549	23,073	2.7%	152	2.7%
\$550 - \$599	19,121	2.2%	138	2.4%
\$600 - \$749	46,277	5.4%	391	6.9%
\$750 - \$999	52,564	6.1%	574	10.1%
\$1,000 - \$1,499	72,459	8.4%	1,131	19.8%
\$1,500 - \$1,999	35,700	4.2%	765	13.4%
\$2,000 - \$2,499	13,071	1.5%	352	6.2%
\$2,500 or More	16,872	2.0%	764	13.4%
Total	860,555	100.0%	\$5,705	100.0%

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

Table S-27 PBGC Retired Payees and Benefit Payments by Size of Monthly Payment (Fiscal Year 2018) Single-Employer Program				
Monthly Payment	Periodic Retirees		Retiree Periodic Payments <i>(in millions)</i>	
	Count	Percentage	Count	Percentage
Less Than \$50	29,778	4.2%	\$4	0.1%
\$50 - \$99	78,860	11.0%	76	1.5%
\$100 - \$149	79,937	11.2%	125	2.4%
\$150 - \$199	64,850	9.1%	143	2.8%
\$200 - \$249	54,519	7.6%	154	3.0%
\$250 - \$299	40,506	5.7%	140	2.7%
\$300 - \$349	36,639	5.1%	150	2.9%
\$350 - \$399	28,115	3.9%	133	2.6%
\$400 - \$449	26,922	3.8%	145	2.8%
\$450 - \$499	21,451	3.0%	129	2.5%
\$500 - \$549	20,186	2.8%	134	2.6%
\$550 - \$599	16,876	2.4%	123	2.4%
\$600 - \$749	40,927	5.7%	346	6.7%
\$750 - \$999	46,767	6.5%	512	9.9%
\$1,000 - \$1,499	67,599	9.4%	1,061	20.6%
\$1,500 - \$1,999	34,259	4.8%	736	14.2%
\$2,000 - \$2,499	12,372	1.7%	333	6.5%
\$2,500 or More	15,897	2.2%	723	14.0%
Total	716,460	100.0%	\$5,165	100.0%

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

Table S-28 PBGC Beneficiary Payees and Benefit Payments by Size of Monthly Payment (Fiscal Year 2018) Single-Employer Program				
Monthly Payment	Periodic Beneficiaries		Beneficiary Periodic Payments <i>(in millions)</i>	
Less Than \$50	12,466	8.7%	\$1	0.3%
\$50 - \$99	33,744	23.4%	33	6.1%
\$100 - \$149	23,182	16.1%	34	6.4%
\$150 - \$199	14,330	9.9%	30	5.6%
\$200 - \$249	10,061	7.0%	28	5.1%
\$250 - \$299	7,742	5.4%	26	4.8%
\$300 - \$349	6,437	4.5%	26	4.8%
\$350 - \$399	4,655	3.2%	22	4.0%
\$400 - \$449	4,040	2.8%	21	3.9%
\$450 - \$499	3,184	2.2%	19	3.5%
\$500 - \$549	2,887	2.0%	19	3.5%
\$550 - \$599	2,245	1.6%	16	3.0%
\$600 - \$749	5,350	3.7%	44	8.2%
\$750 - \$999	5,797	4.0%	62	11.5%
\$1,000 - \$1,499	4,860	3.4%	70	13.0%
\$1,500 - \$1,999	1,441	1.0%	29	5.4%
\$2,000 - \$2,499	699	0.5%	19	3.5%
\$2,500 or More	975	0.7%	42	7.7%
Total	144,095	100.0%	\$539	100.0%

This table is based primarily on data provided by the PBGC's Payment System (PPS).
Due to rounding of individual items, numbers may not add up to totals and percentages may not add up to 100%.

Table S-29
PBGC Payees and Benefit Payments by Industry
(Fiscal Year 2018)
Single-Employer Program

Industry	Periodic Payees		Periodic Payments		Mean Monthly Pension	Median Monthly Pension
AGRICULTURE, MINING, AND CONSTRUCTION	17,223	2.0%	\$96,061,466	1.7%	\$502	\$271
MANUFACTURING	529,757	61.6%	3,118,778,853	54.7%	517	253
Chemical and Allied Products	7,213	0.8%	37,087,299	0.7%	515	233
Fabricated Metal Products	46,973	5.5%	197,098,197	3.5%	369	218
Food and Tobacco Products	12,629	1.5%	40,487,503	0.7%	308	163
Electrical Equipment	4,277	0.5%	15,716,574	0.3%	333	195
Machinery and Computer Equipment	32,719	3.8%	167,925,856	2.9%	437	232
Motor Vehicle Equipment	73,021	8.5%	749,813,741	13.1%	942	583
Paper Manufacturing	9,273	1.1%	44,317,010	0.8%	481	269
Petroleum and Coal Products	2,362	0.3%	7,544,821	0.1%	303	161
Primary Metals	186,549	21.7%	1,281,862,402	22.5%	573	339
Other Manufacturing	154,741	18.0%	576,925,450	10.1%	338	160
TRANSPORTATION AND PUBLIC UTILITIES	157,899	18.4%	1,641,141,647	28.8%	890	484
Air Transportation	147,444	17.1%	1,586,151,622	27.8%	918	508
Other Transportation	10,389	1.2%	54,772,661	1.0%	491	223
Public Utilities	66	*	217,364	*	767	202
INFORMATION	13,420	1.6%	90,488,645	1.6%	1,057	495
WHOLESALE TRADE	13,752	1.6%	63,821,999	1.1%	481	228
RETAIL TRADE	44,466	5.2%	151,305,148	2.7%	325	168
FINANCE, INSURANCE, AND REAL ESTATE	26,022	3.0%	195,538,425	3.4%	698	359
SERVICES	55,895	6.5%	332,297,483	5.8%	592	279
Health Care	33,041	3.8%	199,498,493	3.5%	601	306
Other Services	22,854	2.7%	132,798,990	2.3%	543	237
NON-PROFIT ORGANIZATIONS	2,123	0.3%	15,001,867	0.3%	976	342
TOTAL	860,557	100.0%	\$5,704,435,533	100.0%	\$533	\$278

*Less than 0.05 of one percent.

This table is based primarily on data provided by the PBGC's Payment System (PPS).

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.

Other manufacturing includes "Apparel and Textile Mill Products" and "Rubber and Miscellaneous Plastics", which have been broken out in previous versions of this table.

**Table S-53
PBGC Maximum Guaranteed Benefits (1990-2020)
Single-Employer Program**

Calendar 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	4,500.00	54,000.00
2010	4,500.00	54,000.00
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
2015	5,011.36	60,136.32
2016	5,011.36	60,136.32
2017	5,369.32	64,431.84
2018	5,420.45	65,045.40
2019	5,608	67,295
2020	\$5,812.50	\$69,750.00

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 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. 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 (1980-2019)
Multiemployer Program**

Fiscal Year	Assets <i>(in millions)</i>	Liabilities <i>(in millions)</i>	Net Positions <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
2013	1,719	9,977	-8,258
2014	1,769	44,203	-42,434
2015	1,924	54,208	-52,284
2016	2,204	61,037	-58,833
2017	2,262	67,314	-65,052
2018	2,311	56,187	-53,876
2019	\$2,858	\$68,024	-\$65,166

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

**Table M-2
PBGC Premium Revenue, Benefit Payments, and Expenses (1980-2019)
Multiemployer Program**

Fiscal Year	Total Premium Revenue <i>(in millions)</i>	Benefit Payments <i>(in millions)</i>	Net Financial Assistance <i>(in millions)</i>	Administrative & Investment Expenses <i>(in millions)</i>	Premiums Minus Benefits, Financial Assistance and Expenses Paid <i>(in millions)</i>
1980	\$5	\$4	*	\$2	-\$2
1985	14	4	*	4	7
1990	21	2	*	2	17
1995	22	2	\$4	*	16
1996	22	2	4	*	16
1997	23	1	4	*	18
1998	23	1	2	*	20
1999	23	1	19	*	3
2000	24	1	91	*	-68
2001	24	1	5	*	18
2002	25	1	5	*	19
2003	25	1	5	*	19
2004	27	1	10	*	16
2005	26	1	14	*	12
2006	58	1	70	*	-13
2007	81	*	72	*	9
2008	90	*	85	*	5
2009**	95	*	86	*	9
2010	93	*	97	12	-16
2011	92	*	114	14	-36
2012	92	*	95	20	-23
2013	110	*	89	25	-4
2014	122	*	97	18	7
2015	212	*	103	32	77
2016	282	*	113	39	130
2017	291	*	141	42	108
2018	292	*	153	41	98
2019	\$310	*	\$160	\$40	\$110

* Less than \$500,000.

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

Source: PBGC Annual Reports

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

**Table M-3
PBGC Payees and Benefit Payments (Pre-MPPAA Plans, 1980-2018)
Multiemployer Program**

Fiscal Year	Periodic 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
2013	61	**	134	150
2014	50	**	138	150
2015	39	**	137	150
2016	31	**	130	115
2017	23	**	128	115
2018	15	**	\$105	\$74

*These payees were in the 10 multiemployer plans PBGC trusted prior to October 1980. The Multiemployer Pension Plan Amendments Act of 1980 (MPPAA) changed PBGC's responsibility from trusteeship of troubled plans to providing financial assistance (loans) to insolvent multiemployer plans.

This table is based primarily on data provided by the PBGC's Payment System (PPS).

**Less than \$500,000.

During FY 2016 PBGC completed a payment system conversion. The figures presented are based on a reconciliation of the two systems.

**Table M-4
PBGC Financial Assistance to Insolvent Plans (Post-MPPAA Plans, 1981-2018)
Multiemployer Program**

Year	Plans Receiving Financial Assistance ⁽¹⁾	Total Amount of Financial Assistance (in millions)	Plans Receiving a Lump-Sum Payment ⁽²⁾	Amount of Lump-Sum Payment (in millions)	Plans Receiving Periodic Payments ⁽¹⁾	Amount of Periodic Payments (in millions)	Repayments of Past Financial Assistance ⁽³⁾ (in millions)
1981 - 1994	7	\$3	---	---	7	\$3	---
1995	9	4	---	---	9	4	---
1996	12	4	---	---	12	4	---
1997	14	4	---	---	14	4	---
1998	18	5	---	---	18	5	\$3
1999	21	19	1	\$14	20	5	---
2000	21	91	2	87	19	5	---
2001	22	5	1 ⁽⁴⁾	---	22	4	---
2002	23	5	---	---	23	5	---
2003	24	5	1	---	23	5	---
2004	27	10	1 ⁽⁴⁾	---	27	10	---
2005	29	14	1 ⁽⁴⁾	1	28	13	---
2006	33	70	1	---	32	70	---
2007	36	72	3 ⁽⁴⁾	1	36	71	---
2008	42	85	5 ⁽⁵⁾	6	40	79	---
2009	43 ⁽⁶⁾	86	4 ⁽⁴⁾	7	41	78	---
2010	50	97	7 ⁽⁷⁾	10	44	87	---
2011	49	114	5 ⁽⁵⁾	14	47	100	---
2012	49	95	5	1	44	94	---
2013	44	89	---	---	44	89	---
2014	53	97	---	---	53	97	---
2015	58	103	2	1	57	101	---
2016	65	113	---	---	65	113	---
2017	72	141	---	---	72	141	---
2018	81 ⁽⁸⁾	153	1	1	78	152	---
Total		\$1,484		\$143		\$1,341	\$3

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

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

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

(6) 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.

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

(8) Two additional plans received small lump-sum payments to finalize closeouts initiated in prior years. These two plans are not included with plans receiving a lump-sum for 2018.

During FY16 PBGC completed a payment system conversion. The figures presented are based on a reconciliation of the two systems.

**Table M-15
PBGC Maximum Guaranteed Benefits (1980-2020)
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	The participant's years of service multiplied by the sum of:	\$487.50	\$5,850.00
On or after December 22, 2000**	The participant's years of service multiplied by the sum of:	\$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
PBGC's Historic Premium Rates (1974 - 2020)
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
2014	\$12.00
2015	\$26.00
2016	\$27.00
2017	\$28.00
2018	\$28.00
2019	\$29.00
2020	\$30.00

* Beginning in 2007, this amount is adjusted annually based on changes in the national average wage index (as defined in section 209(k)(1) of the Social Security Act). The adjusted premium rate is rounded to the nearest multiple of \$1. Premium amounts for 2012 and again for 2015 were reset as a result of legislation, and continue to be adjusted (from that higher level).