

# PBGC 2019 Data Tables

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# PBGC 2019 Data Tables

## 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 annually published Pension Insurance Data Books and Tables since 1996 to present detailed statistics on PBGC-insured single-employer and multiemployer defined benefit plans which include various breakdowns of PBGC claims, guaranteed benefit payments, and summaries of PBGC operations. They also include various breakdowns of the number of PBGC-insured defined benefit plans, number of plan participants, hybrid plans, frozen plans, premium revenue, plan funding, and risk transfer activity. Some of the breakdowns are by industry, location, plan size, and plan funded status. The information, which sometimes goes back as far as 1975, is one of the most comprehensive and valuable sources of information on employer-sponsored defined benefit plans available to the public.

The information shown in the Pension Data Tables provides current and historical information that allows the reader to identify trends in PBGC-insured defined benefit plans and is commonly used for research and to inform policy makers involved with new retirement legislation. The data tables are used by policy makers, academia, plan sponsors, and professionals.

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

[www.pbgc.gov/prac/data-books.html](http://www.pbgc.gov/prac/data-books.html)

Note that any references to Fiscal Year in the data tables are associated with PBGC's fiscal year from October 1 through September 30.

### Major Data Sources and Availability

There are three major data sources used for the PBGC Data Tables – Form 5500 filings, PBGC Premium filings and the PBGC itself for operational data. Due to the differing availability of source data, which is outlined below, and to provide the most recent data whenever possible, each data table may have different end years.

- Form 5500 filings are due by the last day of the 7<sup>th</sup> month after the plan year ends. If a filing extension is requested, this due date is extended 2½ months.
- PBGC Premium filings are due by the 15<sup>th</sup> day of the 10<sup>th</sup> full calendar month in the plan year.
- PBGC operational data (financial and benefit payment) is generally available at the end of PBGC's fiscal year.

# PBGC DATA BOOK AT A GLANCE

	Single-Employer Program (\$ millions)	Multiemployer Program (\$ millions)	Combined Programs (\$ millions)
<b>Fiscal Year 2019:</b>			
<b>Net Financial Position</b>	\$8,656	(\$65,166)	(\$56,510)
<b>Total Assets</b>	\$128,068	\$2,858	\$130,926
<b>Total Liabilities</b>	\$119,412	\$68,024	\$187,436
<b>Premium Revenue<sup>1</sup></b>	\$6,352	\$310	\$6,662
<b>Number of Insured Plans</b>	23,694	1,375	25,069
<b>Number of Insured Participants</b>	24.7 million	10.8 million	35.4 million
<b>Change in number of plans Trusteed or Pending Trusteeship<sup>2</sup></b>	46	N/A	46
<b>Change in Claims<sup>3</sup></b>	\$1,512	N/A	\$1,512
<b>Total Number of Payees</b>			
<b>Paid Directly</b>	889,733	12	889,745
<b>Paid Indirectly Through Financial Assistance</b>	N/A	66,900	66,900
<b>Total Benefit Payments</b>			
<b>Paid Directly to Payees</b>	\$6,020	--- <sup>4</sup>	\$6,020
<b>Financial Assistance Granted</b>	N/A	\$160	\$160
<b>Number of Plans Receiving Financial Assistance</b>	N/A	89	89
<b>Fiscal Years 1975-2019</b>			
<b>Plans Trusteed or Pending Trusteeship</b>	4,965	10	4,975
<b>Amount of Claims<sup>3</sup></b>	\$52,570	\$31	\$52,601
<b>Number of Plans Receiving Financial Assistance</b>	N/A	117	117
<b>Total Amount of Financial Assistance Granted</b>	N/A	\$1,644	\$1,644

<sup>1</sup> Beginning in FY 2009, PBGC started to report premium income net of bad debt expense for premium, interest, and penalties.

<sup>2</sup> In FY 2014 this item was renamed to more accurately reflect the figure presented. It was previously referred to as "New Plans Trusteed or Pending Trusteeship".

<sup>3</sup> For purposes of this chart, claims are defined to include the excess of liabilities over assets without regard to recoveries from plan sponsors.

<sup>4</sup> Less than \$500,000.

Sources: PBGC Pension Insurance Data Book Tables S-1, S-2, S-3, S-20, S-21, S-30, S-31, M-1, M-2, M-3, M-4, M-5 and M-6.

**Notes:**

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



















**Table S-10**  
**PBGC Trusted Plans by Claim Size and Funded Ratio (1975-2019)**

Funded Ratio	Size of Claim					Total Plans	Percent of Total
	< \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	≥ \$1 Billion		
< 25%	924	300	46	9	---	1,279	25.8%
25% - 49%	707	419	126	24	4	1,280	25.8%
50% - 74%	800	493	154	32	5	1,484	29.9%
≥ 75%	823	86	13	---	---	922	18.6%
<b>Total</b>	<b>3,254</b>	<b>1,298</b>	<b>339</b>	<b>65</b>	<b>9</b>	<b>4,965</b>	
<b>Percent of Total</b>	<b>65.5%</b>	<b>26.1%</b>	<b>6.8%</b>	<b>1.3%</b>	<b>0.2%</b>		<b>100.0%</b>

Source: PBGC Fiscal Year Closing File

**Notes:**

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

**Table S-11**  
**PBGC Claims by Claim Size and Funded Ratio (1975-2019)**

Funded Ratio	Size of Claim					Total Claims	Percent of Total
	< \$1 Million	\$1 - \$9 Million	\$10 - \$99 Million	\$100 - \$999 Million	≥ \$1 Billion		
< 25%	\$262,321,718	\$796,170,342	\$1,244,860,244	\$2,297,378,197	---	\$4,600,730,502	8.8%
25% - 49%	212,825,056	1,396,423,714	3,924,691,633	6,751,313,208	9,470,234,844	21,755,488,455	41.4%
50% - 74%	225,966,318	1,637,274,994	4,503,678,508	9,449,084,210	9,726,591,147	25,542,595,177	48.6%
≥ 75%	78,337,368	251,512,398	341,820,559	---	---	671,670,325	1.3%
<b>Total</b>	<b>\$779,450,459</b>	<b>\$4,081,381,448</b>	<b>\$10,015,050,944</b>	<b>\$18,497,775,616</b>	<b>\$19,196,825,991</b>	<b>\$52,570,484,458</b>	
<b>Percent of Total</b>	<b>1.5%</b>	<b>7.8%</b>	<b>19.1%</b>	<b>35.2%</b>	<b>36.5%</b>		<b>100.0%</b>

Source: PBGC Fiscal Year Closing File

**Notes:**

- 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-23**  
**Total PBGC Payees and Average Benefit Payments by**  
**Age and Gender (Fiscal Year 2019)**

Age	Total Payees			Male			Female		
	Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension	
Younger than 60	27,316	3.1%	\$337	13,619	2.8%	\$370	13,697	3.5%	\$304
60 - 64	80,089	9.0%	\$467	45,492	9.3%	\$538	34,597	8.8%	\$375
65 - 69	178,600	20.2%	\$552	105,469	21.5%	\$628	73,131	18.5%	\$442
70 - 74	201,536	22.7%	\$576	116,923	23.8%	\$675	84,613	21.4%	\$440
75 - 79	160,560	18.1%	\$579	92,970	18.9%	\$718	67,590	17.1%	\$388
80 - 84	113,756	12.8%	\$555	61,748	12.6%	\$755	52,008	13.2%	\$317
85 and Older	124,441	14.0%	\$451	54,821	11.2%	\$701	69,620	17.6%	\$254
<b>Total</b>	<b>886,298</b>	<b>100.0%</b>	<b>\$534</b>	<b>491,042</b>	<b>100.0%</b>	<b>\$665</b>	<b>395,256</b>	<b>100.0%</b>	<b>\$372</b>

**Notes:**

- 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 2019)**

Age	Total Retirees			Male			Female		
	Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension	
<b>Younger than 60</b>	19,769	2.7%	\$353	12,209	2.5%	\$383	7,560	3.0%	\$305
<b>60 - 64</b>	69,812	9.5%	\$488	44,702	9.3%	\$543	25,110	9.8%	\$391
<b>65 - 69</b>	160,875	21.8%	\$573	104,049	21.6%	\$633	56,826	22.2%	\$463
<b>70 - 74</b>	177,212	24.1%	\$605	115,114	23.9%	\$681	62,098	24.3%	\$466
<b>75 - 79</b>	134,357	18.2%	\$626	91,155	18.9%	\$727	43,202	16.9%	\$413
<b>80 - 84</b>	88,424	12.0%	\$627	60,425	12.6%	\$767	27,999	11.0%	\$325
<b>85 and Older</b>	86,319	11.7%	\$537	53,454	11.1%	\$715	32,865	12.9%	\$247
<b>Total</b>	<b>736,768</b>	<b>100.0%</b>	<b>\$579</b>	<b>481,108</b>	<b>100.0%</b>	<b>\$673</b>	<b>255,660</b>	<b>100.0%</b>	<b>\$401</b>

**Notes:**

- 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 2019)**

Age	Total Beneficiaries			Male			Female		
	Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension		Periodic Payees	Average Monthly Pension	
<b>Younger than 60</b>	7,547	5.0%	\$294	1,410	14.2%	\$263	6,137	4.4%	\$302
<b>60 - 64</b>	10,277	6.9%	\$327	790	8.0%	\$249	9,487	6.8%	\$333
<b>65 - 69</b>	17,725	11.9%	\$358	1,420	14.3%	\$257	16,305	11.7%	\$367
<b>70 - 74</b>	24,324	16.3%	\$361	1,809	18.2%	\$281	22,515	16.1%	\$368
<b>75 - 79</b>	26,203	17.5%	\$340	1,815	18.3%	\$265	24,388	17.5%	\$345
<b>80 - 84</b>	25,332	16.9%	\$301	1,323	13.3%	\$215	24,009	17.2%	\$306
<b>85 and Older</b>	38,122	25.5%	\$257	1,367	13.8%	\$174	36,755	26.3%	\$260
<b>Total</b>	<b>149,530</b>	<b>100.0%</b>	<b>\$315</b>	<b>9,934</b>	<b>100.0%</b>	<b>\$246</b>	<b>139,596</b>	<b>100.0%</b>	<b>\$320</b>

## Notes:

- 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-27**  
**PBGC Retired Payees and Benefit Payments by**  
**Monthly Payment Size (Fiscal Year 2019)**

Monthly Payment	Periodic Retirees		Retiree Periodic Payments (\$ millions)	
Less Than \$50	29,441	4.0%	\$4	0.1%
\$50 - \$99	80,018	10.9%	76	1.4%
\$100 - \$149	82,449	11.2%	128	2.4%
\$150 - \$199	67,460	9.2%	147	2.7%
\$200 - \$249	56,961	7.7%	159	3.0%
\$250 - \$299	42,094	5.7%	144	2.7%
\$300 - \$349	38,107	5.2%	154	2.9%
\$350 - \$399	29,099	3.9%	136	2.5%
\$400 - \$449	27,822	3.8%	147	2.8%
\$450 - \$499	22,011	3.0%	130	2.4%
\$500 - \$549	20,629	2.8%	135	2.5%
\$550 - \$599	17,052	2.3%	122	2.3%
\$600 - \$749	41,784	5.7%	350	6.6%
\$750 - \$999	47,976	6.5%	520	9.7%
\$1,000 - \$1,499	69,474	9.4%	1,085	20.3%
\$1,500 - \$1,999	35,001	4.8%	754	14.1%
\$2,000 - \$2,499	12,761	1.7%	357	6.7%
\$2,500 or More	16,629	2.3%	795	14.9%
<b>Total</b>	<b>736,768</b>	<b>100.0%</b>	<b>\$5,345</b>	<b>100.0%</b>

## Notes:

- 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-53**  
**PBGC Maximum Guaranteed Benefits**  
**(1990-2021)**

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	\$5,607.95	\$67,295.40
2020	\$5,812.50	\$69,750.00
2021	\$6,034.09	\$72,409.08

**Notes:**

- The Employee Retirement Income Security Act of 1974 (ERISA) mandates that the maximum guaranteed benefit be adjusted annually based on changes in the Social Security wage base.

- The maximum guaranteed benefit shown above is payable as a straight life annuity and applies to workers who retire at age 65. The maximum guaranteed benefit is increased for retirement after age 65 and reduced for retirement before age 65. The maximum guaranteed benefit is also adjusted for benefit payment forms other than a straight life annuity.

- 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 guaranteed benefit.

- 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 S-57

### Estimated Incidence Rates of Partial Risk Transfer Activity in PBGC-Insured Plans by Plan Size - Plans with No Benefit Accrual or Participation Freeze (2019 Premium Reporting<sup>1</sup>)

Plan Size	Offer and Acceptance Rates for Terminated Vested Participants (TVs) in Plans Offering Lump Sum (LS) Windows				Annuity Purchases <i>(Outside the Course of Routine Plan Operations)</i>				Average Total Participant Reduction in Plans with Partial Risk Transfer Activity
	Number of Plans Offering LS Windows	Percent of Plans Offering LS windows	Percent of TVs Offered a LS <i>(In Plans with LS Windows)</i>	Acceptance Rate <i>(Percent of TVs Offered a LS that Accepted Offer)</i>	Number of Plans Purchasing Annuities	Percent of Plans Purchasing Annuities	Percent of Retirees Annuitized <i>(In Plans Purchasing Annuities for Retirees)</i>	Percent of TVs Annuitized <i>(In Plans Purchasing Annuities for TVs)</i>	
Fewer than 100	8	0.1%	78.5%	36.0%	5	0.0%	80.0%	5.8%	15.9%
100 - 499	11	1.1%	86.5%	40.6%	12	1.2%	48.3%	13.3%	15.9%
500 - 999	3	1.4%	46.5%	53.1%	2	0.9%	85.9%	0.0%	9.5%
1,000 - 2,499	7	3.2%	75.3%	42.8%	8	3.7%	42.0%	0.0%	12.4%
2,500 - 4,999	2	1.7%	64.1%	44.7%	4	3.5%	65.0%	0.0%	25.0%
5,000 - 9,999	5	5.2%	47.4%	33.2%	5	5.2%	36.8%	0.3%	6.8%
10,000 or more	5	3.0%	46.9%	46.4%	15	9.1%	43.8%	4.0%	13.6%
<b>Total</b>	<b>41</b>	<b>0.2%</b>	<b>49.0%</b>	<b>44.6%</b>	<b>51</b>	<b>0.3%</b>	<b>44.1%</b>	<b>3.6%</b>	<b>14.1%</b>

<sup>1</sup> For the initial data collection period (2015 premium filing year), an extended reporting window was established that generally covered a 19.5-month reporting period ending 60 days before the premium filing was submitted. Subsequent premium filings have a reporting windows that generally cover a 12-month period beginning from the ending period of the prior premium filing. The data presented for the 2015 plan year is not annualized. Lump sums paid to retirees that were reported in the 2015 premium filings have been omitted in order to provide information comparable to subsequent years.

Source: PBGC Premium Filings

Notes:

- Partial Risk Transfer Activity refers to risk transfers reported on premium filing forms in connection with lump sum windows or annuity purchases. Lump sums offered or paid in the course of routine plan operations, in conjunction with a plan termination, upon a participant's separation from service, under mandatory cash-out provisions, or as part of an incentive program to encourage active participants to retire early are excluded. Annuity contracts purchased in the course of routine plan operations, purchased in conjunction with a plan termination, or that remain an asset of the plan as a "buy-in" are also excluded.

- Lump sum windows and annuity purchases reported in the premium filing for a plan year may have occurred in either that plan year or the previous plan year. The denominators used to determine the percent of terminated vested participants offered lump sums and the percent of annuity purchases for retired participants or terminated vested participants were adjusted to account for reporting periods covering portions of two plan years.

- Average Total Participant Reduction is derived by first calculating the declines for plans with partial risk transfer activity then finding the average of the plan reductions. This metric is meant to give a sense of the magnitude of the proportion of a plan's participants for whom PBGC coverage has been removed through Partial Risk Transfer Activity.



## Table S-59 Estimated Cumulative Partial Risk Transfer Activity in PBGC-Insured Plans (2016-2019 Premium Reporting)

<b>Plan Years</b>	<b>Lump Sum Offers Made to Terminated Vested Participants (millions)</b>	<b>Lumps Sum Offers Accepted (millions)</b>	<b>Annuity Purchases (Outside the Course of Routine Plan Operations) (millions)</b>	<b>Total Participants No Longer Protected by PBGC (millions)</b>
<b>2016 - 2019</b>	2.1	1.0	1.2	2.1

Source: PBGC Premium Filing.

**Notes:**

- Partial Risk Transfer Activity refers to risk transfers reported on premium filing forms in connection with lump sum windows or annuity purchases. Lump sums offered or paid in the course of routine plan operations, in conjunction with a plan termination, upon a participant's separation from service, under mandatory cash-out provisions, or as part of an incentive program to encourage active participants to retire early are excluded. Annuity contracts purchased in the course of routine plan operations, purchased in conjunction with a plan termination, or that remain an asset of the plan as a "buy-in" are also excluded.



**Table M-2  
PBGC Premium Revenue, Benefit Payments, and Expenses  
(1980-2020)**

Fiscal Year	Total Premium Revenue (\$ millions)	Benefit Payments (\$ millions)	Net Financial Assistance (FA) (\$ millions)	Administrative & Investment Expenses (\$ millions)	Premiums Less Benefits, FA and Expenses (\$ millions)
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 <sup>1</sup>	\$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
2020	\$322	*	\$173	\$42	\$107

<sup>1</sup> Beginning in FY 2009, PBGC reports premium income net of bad debt expense for premium, interest, and penalties.

\* Less than \$500,000.

Source: PBGC Annual Reports

Notes:

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









## Table M-7 PBGC-Insured Plan Participants by Participant Status (1980-2018)

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 <sup>1</sup>	39.1%	33.1%	27.7%
2011	38.3%	33.7%	27.9%
2012	36.6%	35.1%	28.3%
2013	36.8%	35.3%	27.9%
2014	36.3%	35.3%	28.4%
2015	36.1%	35.5%	28.4%
2016	36.4%	35.4%	28.2%
2017	36.3%	35.7%	28.0%
2018	36.4%	35.9%	27.7%

<sup>1</sup> 2010 figures are estimates from PBGC internal calculations.

Source: Form 5500 filings

**Notes:**

- 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 (2018)

Industry	Insured Plans		Insured Participants	
<b>AGRICULTURE</b>	<b>9</b>	<b>0.7%</b>	<b>22,437</b>	<b>0.2%</b>
<b>MINING</b>	<b>3</b>	<b>0.2%</b>	<b>94,278</b>	<b>0.9%</b>
<b>CONSTRUCTION</b>	<b>753</b>	<b>54.8%</b>	<b>3,916,608</b>	<b>36.8%</b>
Building Construction	72	5.2%	486,972	4.6%
Heavy Construction	62	4.5%	572,952	5.4%
Plumbing, Heating, and Air Conditioning	146	10.6%	293,700	2.8%
Electrical Work	122	8.9%	884,706	8.3%
Building Finishing Contractors	60	4.4%	424,728	4.0%
Foundation, Structure, and Exterior Work	175	12.7%	736,515	6.9%
Other Construction	116	8.4%	517,035	4.9%
<b>MANUFACTURING</b>	<b>143</b>	<b>10.4%</b>	<b>1,054,890</b>	<b>9.9%</b>
Food and Tobacco Products	27	2.0%	207,781	2.0%
Apparel and Textile Products	6	0.4%	29,059	0.3%
Paper and Allied Products	5	0.4%	78,506	0.7%
Printing and Publishing	23	1.7%	138,069	1.3%
Machinery and Computer Equipment	5	0.4%	284,015	2.7%
Electrical and Electronic Equipment	8	0.6%	7,192	0.1%
Furniture and Fixtures	4	0.3%	6,446	0.1%
Other Manufacturing	65	4.7%	303,822	2.9%
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	<b>145</b>	<b>10.6%</b>	<b>1,583,516</b>	<b>14.9%</b>
Trucking	78	5.7%	1,418,164	13.3%
Water Transportation	43	3.1%	102,003	1.0%
Other Transportation and Public Utilities	24	1.7%	63,349	0.6%
<b>INFORMATION</b>	<b>34</b>	<b>2.5%</b>	<b>256,575</b>	<b>2.4%</b>
<b>WHOLESALE TRADE</b>	<b>22</b>	<b>1.6%</b>	<b>51,654</b>	<b>0.5%</b>
<b>RETAIL TRADE</b>	<b>80</b>	<b>5.8%</b>	<b>1,545,463</b>	<b>14.5%</b>
<b>SERVICES</b>	<b>184</b>	<b>13.4%</b>	<b>2,107,579</b>	<b>19.8%</b>
Administrative/Support	41	3.0%	373,059	3.5%
Health Care/Social Assistance	17	1.2%	552,048	5.2%
Accommodation/Food Service	29	2.1%	700,008	6.6%
Other Services	97	7.1%	482,464	4.5%
<b>TOTAL</b>	<b>1,373</b>	<b>100.0%</b>	<b>10,633,000</b>	<b>100.0%</b>

Source: Form 5500 filings

**Notes:**

- Due to rounding of individual items, percentages 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-15 PBGC Maximum Guaranteed Benefits (1980-2021)

Date of Plan Insolvency	Monthly Benefit Formula	Maximum Monthly Guarantee (30 Years of Service) <sup>1</sup>	Maximum Annual Guarantee (30 Years of Service) <sup>1</sup>
<b>September 27, 1980 to December 21, 2000</b>	The participant's years of service multiplied by the sum of (a) and (b), where: (a) 100% of the first \$5 of the monthly benefit accrual rate (b) 75% of the next \$15 of the monthly benefit accrual rate	\$487.50	\$5,850.00
<b>On or after December 22, 2000 <sup>2</sup></b>	The participant's years of service multiplied by the sum of (a) and (b), where: (a) 100% of the first \$11 of the monthly benefit accrual rate (b) 75% of the next \$33 of the monthly benefit accrual rate	\$1,072.50	\$12,870.00

<sup>1</sup> 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.

<sup>2</sup> 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 Historical Premium Rates (1974-2021)

For Plan Years Beginning	Premium Rate (per participant)
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 <sup>1</sup>
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
2021	\$31.00

<sup>1</sup> 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).



**Table M-18  
Plans by Plan Zone Status (2009-2018)**

Zone Status	Plan Risk Status by Year <i>(plan count)</i>									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
● <b>Critical &amp; Declining</b>	n/a	n/a	n/a	n/a	n/a	n/a	84	108	114	113
● <b>Critical</b>	439	385	322	329	343	323	215	213	191	169
● <b>Seriously Endangered</b>	128	48	18	20	13	5	5	5	4	2
● <b>Endangered</b>	298	228	212	228	206	163	150	136	129	124
● <b>Neither Endangered or Critical</b>	485	672	770	727	728	788	802	780	796	815
<b>Total Classifiable Ongoing Plans<sup>1</sup></b>	<b>1,350</b>	<b>1,333</b>	<b>1,322</b>	<b>1,304</b>	<b>1,290</b>	<b>1,279</b>	<b>1,256</b>	<b>1,242</b>	<b>1,234</b>	<b>1,223</b>
Zone Status	Plan Risk Status by Year <i>(% of Plans)</i>									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
● <b>Critical &amp; Declining</b>	n/a	n/a	n/a	n/a	n/a	n/a	6.7%	8.7%	9.2%	9.2%
● <b>Critical</b>	32.5%	28.9%	24.4%	25.2%	26.6%	25.3%	17.1%	17.2%	15.5%	13.8%
● <b>Seriously Endangered</b>	9.5%	3.6%	1.4%	1.5%	1.0%	0.4%	0.4%	0.4%	0.3%	0.2%
● <b>Endangered</b>	22.1%	17.1%	16.0%	17.5%	16.0%	12.7%	11.9%	11.0%	10.5%	10.1%
● <b>Neither Endangered or Critical</b>	35.9%	50.4%	58.3%	55.8%	56.4%	61.6%	63.9%	62.8%	64.5%	66.6%
<b>Total System</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

<sup>1</sup> Classifiable Ongoing Plans exclude plans which have terminated or are currently receiving Financial Assistance and plans that did not provide zone status.

Source: Form 5500 filings

Notes:

- In 2015, the Critical & Declining (C&D) status was introduced as a subset of the Critical status under MPRA 2014.



