### Table 2.A8—Factors for indexing earnings in a benefit computation, 1951–2024

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	Annual maximum taxable	Average annual		Factors for work	ers who were	first eligible (att	ained age 62, b	ecame disabled,	or died) in <sup>b</sup> —	
Year	earnings (dollars)	wage <sup>a</sup> (dollars)	2009	2010	2011	2012	2013	2014	2015	2016
1951	3,600	2,799.16	14.4348590	14.7669194	14.5442240	14.8879771	15.3544671	15.8339180	16.0362966	16.6055245
1952	3,600	2,973.32	13.5893479	13.9019581	13.6923069	14.0159250	14.4550906	14.9064581	15.0969825	15.6328683
1953	3,600	3,139.44	12.8702826	13.1663513	12.9677936	13.2742878	13.6902155	14.1176993	14.2981423	14.8056723
1954	3,600	3,155.64	12.8042109	13.0987597	12.9012213	13.2061420	13.6199345	14.0452238	14.2247405	14.7296650
1955	4,200	3,301.44	12.2387443	12.5202851	12.3314705	12.6229251	13.0184435	13.4249509	13.5965397	14.0791655
1956	4,200	3,532.36	11.4386642	11.7017999	11.5253287	11.7977301	12.1673923	12.5473253	12.7076968	13.1587720
1957	4,200	3,641.72	11.0951638	11.3503976	11.1792258	11.4434471	11.8020084	12.1705321	12.3260877	12.7636172
1958	4,200	3,673.80	10.9982797	11.2512848	11.0816076	11.3435217	11.6989520	12.0642577	12.2184550	12.6521640
1959	4,800	3,855.80	10.4791431	10.7202059	10.5585378	10.8080891	11.1467426	11.4948052	11.6417242	12.0549614
1960	4,800	4,007.12	10.0834215	10.3153811	10.1598180	10.3999456	10.7258106	11.0607294	11.2021003	11.5997325
1961	4,800	4,086.76	9.8869226	10.1143620	9.9618304	10.1972785	10.5167933	10.8451854	10.9838013	11.3736848
1962	4,800	4,291.40	9.4154542	9.6320478	9.4867899	9.7110104	10.0152887	10.3280212	10.4600270	10.8313185
1963	4,800	4,396.64	9.1900815	9.4014907	9.2597097	9.4785632	9.7755582	10.0808049	10.2096510	10.5720550
1964	4,800	4,576.32	8.8292515	9.0323601	8.8961458	9.1064065	9.3917405	9.6850024	9.8087896	10.1569645
1965	4,800	4,658.72	8.6730862	8.8726023	8.7387974	8.9453391	9.2256264	9.5137012	9.6352990	9.9773157
1966	6,600	4,938.36	8.1819632	8.3701816	8.2439535	8.4387995	8.7032152	8.9749775	9.0896897	9.4123393
1967	6,600	5,213.44	7.7502532	7.9285405	7.8089726	7.9935379	8.2440020	8.5014252	8.6100847	8.9157102
1968	7,800	5,571.76	7.2518342	7.4186559	7.3067774	7.4794733	7.7138301	7.9546983	8.0563700	8.3423407
1969	7,800	5,893.76	6.8556371	7.0133446	6.9075785	7.0708393	7.2923923	7.5201009	7.6162178	7.8865648
1970	7,800	6,186.24	6.5315086	6.6817598	6.5809943	6.7365362	6.9476144	7.1645571	7.2561297	7.5136949
1971	7,800	6,497.08	6.2190215	6.3620842	6.2661396	6.4142399	6.6152195	6.8217830	6.9089745	7.1542170
1972	9,000	7,133.80	5.6639491	5.7942429	5.7068617	5.8417435	6.0247848	6.2129118	6.2923211	6.5156747
1973	10,800	7,580.16	5.3304257	5.4530472	5.3708114	5.4977507	5.6700136	5.8470626	5.9217958	6.1319972
1974	13,200	8,030.76	5.0313395	5.1470807	5.0694592	5.1892760	5.3518733	5.5189882	5.5895283	5.7879354
			4.6814801	4.7891731		4.8284343	4.9797252		5.2008546	5.3854653
1975 1976	14,100 15,300	8,630.92 9,226.48	4.0014001 4.3792952	4.4800368	4.7169491 4.4124747	4.0204343 4.5167637	4.9797252	5.1352197 4.8037464	5.2006546 4.8651447	5.0378389
1970	16,500	9,220.40 9,779.44	4.1316763	4.2267216	4.1629797	4.2613718	4.0302090	4.5321276	4.5900542	4.7529838
1978	17,700	10,556.03	3.8277155	3.9157685	3.8567160	3.9478696	4.0715695	4.1987063	4.2523714	4.4033145
1979	22,900	11,479.46	3.5198067	3.6007765	3.5464743	3.6302953	3.7440446	3.8609543	3.9103024	4.0491034
1980	25,900	12,513.46	3.2289615	3.3032407	3.2534255	3.3303203	3.4346703	3.5419197	3.5871901	3.7145218
1981	29,700	13,773.10	2.9336518	3.0011377	2.9558785	3.0257408	3.1205473	3.2179880	3.2591181	3.3748045
1982	32,400	14,531.34	2.7805750	2.8445395	2.8016418	2.8678587	2.9577183	3.0500745	3.0890585 2.9455642	3.1987084
1983 1984	35,700 37,800	15,239.24 16,135.07	2.6514104 2.5042023	2.7124036 2.5618092	2.6714987 2.5231753	2.7346397 2.5828106	2.8203250 2.6637387	2.9083911 2.7469153	2.9455042	3.0501206 2.8807759
		,								
1985	39,600	16,822.51	2.4018699	2.4571226	2.4200675	2.4772659	2.5548869	2.6346645	2.6683390	2.7630550
1986	42,000	17,321.82	2.3326348	2.3862949	2.3503079	2.4058575	2.4812410	2.5587190	2.5914228	2.6834086
1987	43,800	18,426.51	2.1927907	2.2432338	2.2094043	2.2616236	2.3324878	2.4053209	2.4360641	2.5225352
1988	45,000	19,334.04	2.0898622	2.1379375	2.1056960	2.1554641	2.2230020	2.2924164	2.3217165	2.4041287
1989	48,000	20,099.55	2.0102679	2.0565122	2.0254986	2.0733713	2.1383369	2.2051076	2.2332918	2.3125652
1990	51,300	21,027.98	1.9215103	1.9657128	1.9360685	1.9818275	2.0439248	2.1077474	2.1346872	2.2104605
1991	53,400	21,811.60	1.8524767	1.8950911	1.8665119	1.9106269	1.9704932	2.0320229	2.0579948	2.1310459
1992	55,500	22,935.42	1.7617066	1.8022330	1.7750540	1.8170075	1.8739404	1.9324551	1.9571545	2.0266261
1993	57,600	23,132.67	1.7466847	1.7868655	1.7599183	1.8015140	1.8579615	1.9159773	1.9404660	2.0093452
1994	60,600	23,753.53	1.7010305	1.7401611	1.7139183	1.7544268	1.8093989	1.8658982	1.8897469	1.9568258
1995	61,200	24,705.66	1.6354746	1.6730972	1.6478657	1.6868131	1.7396665	1.7939885	1.8169181	1.8814118
1996	62,700	25,913.90	1.5592203	1.5950887	1.5710337	1.6081651	1.6585543	1.7103435	1.7322040	1.7936906
1997	65,400	27,426.00	1.4732546	1.5071454	1.4844166	1.5195008	1.5671119	1.6160457	1.6367009	1.6947976
1998	68,400	28,861.44	1.3999814	1.4321867	1.4105883	1.4439276	1.4891707	1.5356708	1.5552987	1.6105059
1999	72,600	30,469.84	1.3260811	1.3565864	1.3361281	1.3677075	1.4105624	1.4546079	1.4731997	1.5254927

### Table 2.A8—Factors for indexing earnings in a benefit computation, 1951–2024—Continued

	Annual maximum taxable	Average annual		Factors for work	ers who were f	first eligible (atta	ined age 62, be	ecame disabled,	or died) in <sup>b</sup> —	
Year	earnings (dollars)	wage <sup>a</sup> (dollars)	2017	2018	2019	2020	2021	2022	2023	2024
1951	3,600	2,799.16	17.1832371	17.3774097	17.9774968	18.6290887	19.3272232	19.8733191	21.6404457	22.7908122
1952	3,600	2,973.32	16.1767418	16.3595408	16.9244784	17.5379038	18.1951455	18.7092543	20.3728727	21.4558574
1953	3,600	3,139.44	15.3207674	15.4938938	16.0289383	16.6099050	17.2323695	17.7192748	19.2948647	20.3205444
1954	3,600	3,155.64	15.2421157	15.4143533	15.9466511	16.5246353	17.1439042	17.6283099	19.1958113	20.2162256
1955	4,200	3,301.44	14.5689850	14.7336162	15.2424063	15.7948653	16.3867858	16.8497989	18.3480754	19.3234255
1956	4,200	3,532.36	13.6165708	13.7704396	14.2459687	14.7623119	15.3155369	15.7482816	17.1486117	18.0602005
1957	4,200	3,641.72	13.2076684	13.3569165	13.8181656	14.3190031	14.8556149	15.2753644	16.6336429	17.5178569
1958	4,200	3,673.80	13.0923376	13.2402825	13.6975039	14.1939681	14.7258942	15.1419783	16.4883962	17.3648892
1959	4,800	3,855.80	12.4743581	12.6153198	13.0509596	13.5239898	14.0308081	14.4272525	15.7101172	16.5452383
1960	4,800	4,007.12	12.0032916	12.1389302	12.5581190	13.0132864	13.5009658	13.8824393	15.1168595	15.9204441
1961	4,800	4,086.76	11.7693797	11.9023750	12.3133950	12.7596923	13.2378681	13.6119077	14.8222724	15.6101973
1962 1963	4,800 4,800	4,291.40 4,396.64	11.2081442 10.9398609	11.3347975 11.0634826	11.7262176 11.4455334	12.1512327 11.8603752	12.6066062 12.3048487	12.9628093 12.6525256	14.1154565 13.7775824	14.8658084 14.5099735
1964	4,800	4,390.04 4,576.32	10.5103293	10.6290972	10.9961476	11.3947014	12.3046467	12.0525250	13.2366334	13.9402686
1965	4,800	4,658.72	10.3244303	10.4410976	10.8016558	11.1931604	11.6126296	11.9407477	13.0025136	13.6937034
1966	6,600	4,938.36	9.7397982	9.8498591	10.1900003	10.5593355	10.9550519	11.2645899	12.2662321	12.9182826
1967	6,600	5,213.44	9.2258912	9.3301448	9.6523390	10.0021867	10.3770236	10.6702293	11.6190212	12.2366672
1968	7,800	5,571.76	8.6325739	8.7301230	9.0315968	9.3589458	9.7096770	9.9840266	10.8718017	11.4497268
1969	7,800	5,893.76	8.1609414	8.2531610	8.5381641	8.8476287	9.1791980	9.4385587	10.2778311	10.8241818
1970	7,800	6,186.24	7.7750993	7.8629588	8.1344872	8.4293206	8.7452136	8.9923120	9.7919043	10.3124240
1971	7,800	6,497.08	7.4031149	7.4867710	7.7453087	8.0260363	8.3268160	8.5620925	9.3234299	9.8190464
1972	9,000	7,133.80	6.7423575	6.8185469	7.0540091	7.3096807	7.5836146	7.7978917	8.4912767	8.9426575
1973 1074	10,800	7,580.16	6.3453318	6.4170347	6.6386316	6.8792479	7.1370512	7.3387105	7.9912654	8.4160664
1974	13,200	8,030.76	5.9892999	6.0569797	6.2661429	6.4932584	6.7365965	6.9269409	7.5428814	7.9438472
1975	14,100	8,630.92	5.5728277	5.6358013	5.8304202	6.0417429	6.2681603	6.4452689	7.0183793	7.3914635
1976 1977	15,300 16,500	9,226.48 9,779.44	5.2131073 4.9183420	5.2720160 4.9739198	5.4540724 5.1456822	5.6517545 5.3321867	5.8635568 5.5320131	6.0292333 5.6883216	6.5653499 6.1941246	6.9143520 6.5233930
1978	17,700	10,556.03	4.5565075	4.6079966	4.7671227	4.9399064	5.1250319	5.2698410	5.7384329	6.0434775
1979	22,900	11,479.46	4.1899732	4.2373204	4.3836461	4.5425307	4.7127644	4.8459248	5.2768223	5.5573285
1980	25,900	12,513.46	3.8437514	3.8871863	4.0214209	4.1671768	4.3233438	4.4455011	4.8407930	5.0981207
1981	29,700	13,773.10	3.4922153	3.5316777	3.6536357	3.7860612	3.9279458	4.0389310	4.3980709	4.6318643
1982	32,400	14,531.34	3.3099927	3.3473960	3.4629903	3.5885059	3.7229870	3.8281810	4.1685811	4.3901753
1983	35,700	15,239.24	3.1562355	3.1919013	3.3021260	3.4218111	3.5500451	3.6503526	3.9749404	4.1862409
1984	37,800	16,135.07	2.9809992	3.0146848	3.1187897	3.2318298	3.3529442	3.4476826	3.7542490	3.9538180
1985	39,600	16,822.51	2.8591827	2.8914918	2.9913426	3.0997634	3.2159285	3.3067955	3.6008342	3.7922480
1986	42,000	17,321.82	2.7767654	2.8081431	2.9051156	3.0104111	3.1232278	3.2114755	3.4970384	3.6829346
1987	43,800	18,426.51	2.6102952	2.6397918	2.7309507	2.8299336	2.9359868	3.0189439	3.2873870	3.4621385
1988	45,000	19,334.04	2.4877692	2.5158813	2.6027612	2.6970980	2.7981731	2.8772362	3.1330788	3.2996275
1989	48,000	20,099.55	2.3930202	2.4200616	2.5036327	2.5943765	2.6916021	2.7676540	3.0137525	3.1739581
1990	51,300	21,027.98	2.2873633	2.3132108	2.3930920	2.4798293	2.5727621	2.6454562	2.8806890	3.0338211
1991	53,400	21,811.60	2.2051858	2.2301046	2.3071159	2.3907370	2.4803311	2.5504135	2.7771952	2.9248258
1992	55,500	22,935.42	2.0971332	2.1208310	2.1940688	2.2735925	2.3587966	2.4254450	2.6411145	2.7815113
1993 1994	57,600 60,600	23,132.67 23,753.53	2.0792511 2.0249045	2.1027469 2.0477862	2.1753602 2.1185015	2.2542058 2.1952863	2.3386833 2.2775558	2.4047635 2.3419088	2.6185940 2.5501502	2.7577936 2.6857116
1995	61,200	24,705.66	1.9468668	1.9688666	2.0368567	2.1106823	2.1897812	2.2516541	2.4518701	2.5822071
1996	62,700	25,913.90	1.8560938	1.8770679	1.9418879	2.0122714	2.0876823	2.1466703	2.3375513	2.4618112
1997	65,400	27,426.00	1.7537603	1.7735780	1.8348243	1.9013272	1.9725804	2.0283162	2.2086732	2.3260822
1998	68,400	28,861.44	1.6665360	1.6853681	1.7435682	1.8067636	1.8744730	1.9274367	2.0988236	2.2103932
1999	72,600	30,469.84	1.5785652	1.5964032	1.6515312	1.7113907	1.7755259	1.8256939	1.9880337	2.0937140
										(Continued)

(Continued)

### Table 2.A8—Factors for indexing earnings in a benefit computation, 1951–2024—Continued

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	Annual maximum taxable	Average annual		Factors for worl	kers who were f	irst eligible (atta	ained age 62, b	ecame disabled	, or died) in <sup>♭</sup> —	
Year	earnings (dollars)	wage <sup>a</sup> (dollars)	2009	2010	2011	2012	2013	2014	2015	2016
2000 2001 2002 2003 2004 2005	76,200 80,400 84,900 87,000 87,900 90,000	32,154.82 32,921.92 33,252.09 34,064.95 35,648.55 36,952.94	1.2565917 1.2273124 1.2151260 1.1861306 1.1334396 1.0934307	1.2854984 1.2555455 1.2430789 1.2134164 1.1595134 1.1185841	1.2661122 1.2366110 1.2243324 1.1951173 1.1420271 1.1017150	1.2960368 1.2658384 1.2532695 1.2233639 1.1690189 1.1277541	1.3366460 1.3055013 1.2925386 1.2616960 1.2056482 1.1630904	1.3783834 1.3462663 1.3328988 1.3010931 1.2432952 1.1994085	1.3960010 1.3634733 1.3499350 1.3177228 1.2591861 1.2147385	1.4455537 1.4118715 1.3978526 1.3644969 1.3038825 1.2578572
2006 2007 2008 2009 2010	94,200 97,500 102,000 106,800 106,800	38,651.41 40,405.48 41,334.97 40,711.61 41,673.83	1.0453818 1.0000000 1.0000000 1.0000000 1.0000000	1.0694298 1.0230041 1.0000000 1.0000000 1.0000000	1.0533021 1.0075764 0.9849193 1.0000000 1.0000000	1.0781969 1.0313905 1.0081979 1.0236350 1.0000000	1.1119804 1.0637074 1.0397881 1.0557089 1.0313333	1.1467025 1.0969222 1.0722560 1.0886740 1.0635372	1.1613589 1.1109424 1.0859609 1.1025887 1.0771307	1.2025828 1.1503766 1.1245084 1.1417264 1.1153647
2010 2011 2012 2013 2014	106,800 106,800 110,100 113,700 117,000	41,073.83 42,979.61 44,321.67 44,888.16 46,481.52	1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000	1.0444059 1.0127813 1.0000000 1.0000000	1.0814784 1.0487312 1.0354962 1.0000000
2015 2016 2017 2018 2019	118,500 118,500 127,200 128,400 132,900	48,098.63 48,642.15 50,321.89 52,145.80 54,099.99	1.0000000 1.0000000 1.0000000 1.0000000 1.0000000							
2020 2021 2022 2023 2024	137,700 142,800 147,000 160,200 168,600	55,628.60 60,575.07 63,795.13 66,621.80 	1.0000000 1.0000000 1.0000000 1.0000000 1.0000000	1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 (Continued)						

#### Table 2.A8—Factors for indexing earnings in a benefit computation, 1951–2024—Continued

	Annual maximum taxable	Average annual		Factors for work	kers who were fi	irst eligible (atta	ained age 62, b	ecame disabled	l, or died) in <sup>b</sup> —	
Year	earnings (dollars)	wage <sup>a</sup> (dollars)	2017	2018	2019	2020	2021	2022	2023	2024
2000	76,200	32,154.82	1.4958451	1.5127483	1.5649875	1.6217102	1.6824846	1.7300237	1.8838566	1.9839990
2001	80,400	32,921.92	1.4609910	1.4775004	1.5285223	1.5839234	1.6432817	1.6897131	1.8399616	1.9377706
2002	84,900	33,252.09	1.4464844	1.4628299	1.5133452	1.5681962	1.6269651	1.6729354	1.8216921	1.9185299
2003	87,000	34,064.95	1.4119683	1.4279237	1.4772336	1.5307758	1.5881424	1.6330158	1.7782228	1.8727498
2004	87,900	35,648.55	1.3492451	1.3644917	1.4116111	1.4627748	1.5175930	1.5604730	1.6992296	1.7895575
2005	90,000	36,952.94	1.3016185	1.3163269	1.3617831	1.4111408	1.4640240	1.5053904	1.6392490	1.7263885
2006	94,200	38,651.41	1.2444211	1.2584832	1.3019419	1.3491306	1.3996899	1.4392386	1.5672150	1.6505253
2007	97,500	40,405.48	1.1903987	1.2038503	1.2454224	1.2905626	1.3389270	1.3767588	1.4991796	1.5788732
2008	102,000	41,334.97	1.1636305	1.1767796	1.2174169	1.2615420	1.3088189	1.3457999	1.4654679	1.5433695
2009	106,800	40,711.61	1.1814475	1.1947980	1.2360575	1.2808582	1.3288590	1.3664063	1.4879065	1.5670009
2010	106,800	41,673.83	1.1541687	1.1672109	1.2075178	1.2512841	1.2981766	1.3348569	1.4535518	1.5308199
2011	106,800	42,979.61	1.1191035	1.1317495	1.1708317	1.2132683	1.2587362	1.2943021	1.4093909	1.4843115
2012	110,100	44,321.67	1.0852170	1.0974801	1.1353789	1.1765306	1.2206217	1.2551106	1.3667145	1.4393666
2013	113,700	44,888.16	1.0715215	1.0836298	1.1210504	1.1616827	1.2052174	1.2392711	1.3494665	1.4212017
2014	117,000	46,481.52	1.0347904	1.0464836	1.0826214	1.1218609	1.1639032	1.1967896	1.3032076	1.3724837
2015	118,500	48,098.63	1.0000000	1.0113001	1.0462229	1.0841431	1.1247720	1.1565527	1.2593928	1.3263399
2016	118,500	48,642.15	1.0000000	1.0000000	1.0345326	1.0720291	1.1122039	1.1436295	1.2453206	1.3115195
2017	127,200	50,321.89	1.0000000	1.0000000	1.0000000	1.0362449	1.0750787	1.1054553	1.2037519	1.2677411
2018	128,400	52,145.80	1.0000000	1.0000000	1.0000000	1.0000000	1.0374755	1.0667897	1.1616481	1.2233992
2019	132,900	54,099.99	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0282553	1.1196873	1.1792078
2020	137,700	55,628.60	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0889195	1.1468045
2021	142,800	60,575.07	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0531582
2022	147,000	63,795.13	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.000000	1.0000000	1.0000000
2023	160,200	66,621.80	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.000000	1.0000000	1.0000000
2024	168,600		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: -- = not available.

a. National average wage levels. For years before 1978, average wages were determined from wages earned during the first quarter of the year and reported to the Social Security Administration (SSA) for Social Security tax purposes. These wages were then multiplied by 4 to obtain the average wage for the year. For 1973–1977 from data collected on all taxable wages reported to SSA; for 1957–1972, based on 1 percent statistical sample; for 1951–1956, based on 1/10 of 1 percent statistical sample. For 1978–1984, from wage data collected by the Internal Revenue Service during processing of annual tax returns. For years after 1984, from W-2 data processed by SSA. For years after 1977, the average wage amounts have been adjusted to be consistent with the pre-1978 series.

b. The indexing factor for a given year represents the ratio of the average annual wage for the second year before the year of first eligibility to the average annual wage for the year to be indexed. Multiplying a worker's covered earnings, up to the maximum taxable amounts for various years after 1951, by the indicated factors gives the indexed earnings. Earnings in the year before the year of first eligibility, and any earnings thereafter, are not indexed. The actual taxable earnings for those years are considered in calculating the average indexed monthly earnings (AIME).

### Table 2.A9—Indexed earnings for workers with maximum earnings, 1951–2024 (in dollars)

	Annual maximum	Average		Annu			for workers who disabled, or die	o were first eligit	ble	
Year	taxable earnings	annual wage <sup>a</sup>	2017	2018	(allained a) 2019	2020 2020	2021	u) III — 2022	2023	2024
1951	3,600	2,799.16	61,859.65	62,558.67	64,718.99	67,064.72	69,578.00	71,543.95	77,905.60	82,046.92
1952	3,600	2,973.32	58,236.27	58,894.35	60,928.12	63,136.45	65,502.52	67,353.32	73,342.34	77,241.09
1953	3,600	3,139.44	55,154.76	55,778.02	57,704.18	59,795.66	62,036.53	63,789.39	69,461.51	73,153.96
1954	3,600	3,155.64	54,871.62	55,491.67	57,407.94	59,488.69	61,718.06	63,461.92	69,104.92	72,778.41
1955	4,200	3,301.44	61,189.74	61,881.19	64,018.11	66,338.43	68,824.50	70,769.16	77,061.92	81,158.39
1956	4,200	3,532.36	57,189.60	57,835.85	59,833.07	62,001.71	64,325.26	66,142.78	72,024.17	75,852.84
1957	4,200	3,641.72	55,472.21	56,099.05	58,036.30	60,139.81	62,393.58	64,156.53	69,861.30	73,575.00
1958	4,200	3,673.80	54,987.82	55,609.19	57,529.52	59,614.67	61,848.76	63,596.31	69,251.26	72,932.53
1959	4,800	3,855.80	59,876.92	60,553.53	62,644.61	64,915.15	67,347.88	69,250.81	75,408.56	79,417.14
1960	4,800	4,007.12	57,615.80	58,266.86	60,278.97	62,463.77	64,804.64	66,635.71	72,560.93	76,418.13
1961	4,800	4,086.76	56,493.02	57,131.40	59,104.30	61,246.52	63,541.77	65,337.16	71,146.91	74,928.95
1962	4,800	4,291.40	53,799.09	54,407.03	56,285.84	58,325.92	60,511.71	62,221.48	67,754.19	71,355.88
1963	4,800	4,396.64	52,511.33	53,104.72	54,938.56	56,929.80	59,063.27	60,732.12	66,132.40	69,647.87
1964	4,800	4,576.32	50,449.58	51,019.67	52,781.51	54,694.57	56,744.27	58,347.60	63,535.84	66,913.29
1965	4,800	4,658.72	49,557.27	50,117.27	51,847.95	53,727.17	55,740.62	57,315.59	62,412.07	65,729.78
1966	6,600	4,938.36	64,282.67	65,009.07	67,254.00	69,691.61	72,303.34	74,346.29	80,957.13	85,260.67
1967	6,600	5,213.44	60,890.88	61,578.96	63,705.44	66,014.43	68,488.36	70,423.51	76,685.54	80,762.00
1968	7,800	5,571.76	67,334.08	68,094.96	70,446.46	72,999.78	75,735.48	77,875.41	84,800.05	89,307.87
1969	7,800	5,893.76	63,655.34	64,374.66	66,597.68	69,011.50	71,597.74	73,620.76	80,167.08	84,428.62
1970	7,800	6,186.24	60,645.77	61,331.08	63,449.00	65,748.70	68,212.67	70,140.03	76,376.85	80,436.91
1971	7,800	6,497.08	57,744.30	58,396.81	60,413.41	62,603.08	64,949.17	66,784.32	72,722.75	76,588.56
1972	9,000	7,133.80	60,681.22	61,366.92	63,486.08	65,787.13	68,252.53	70,181.03	76,421.49	80,483.92
1973	10,800	7,580.16	68,529.58	69,303.98	71,697.22	74,295.88	77,080.15	79,258.07	86,305.67	90,893.52
1974	13,200	8,030.76	79,058.76	79,952.13	82,713.09	85,711.01	88,923.07	91,435.62	99,566.03	104,858.78
1975	14,100	8,630.92	78,576.87	79,464.80	82,208.92	85,188.58	88,381.06	90,878.29	98,959.15	104,219.64
1976	15,300	9,226.48	79,760.54	80,661.84	83,447.31	86,471.84	89,712.42	92,247.27	100,449.85	105,789.58
1977 1978	16,500 17,700	9,779.44 10,556.03	81,152.64 80,650.18	82,069.68 81,561.54	84,903.76 84,378.07	87,981.08 87,436.34	91,278.22 90,713.06	93,857.31 93,276.19	102,203.06 101,570.26	107,635.98 106,969.55
1978	22,900	11,479.46	95,950.39	97,034.64	100,385.50	104,023.95	107,922.30	110,971.68	120,839.23	127,262.82
1980			99,553.16			107,929.88				
1980	25,900 29,700	12,513.46 13,773.10	99,553.16 103,718.79	100,678.12 104,890.83	104,154.80 108,512.98	107,929.88	111,974.61 116,659.99	115,138.48 119,956.25	125,376.54 130,622.71	132,041.33 137,566.37
1982	32,400	14,531.34	107,243.76	104,090.03	112,200.89	116,267.59	120,624.78	124,033.07	135,062.03	142,241.68
1983	35,700	15,239.24	112,677.61	113,950.88	117,885.90	122,158.65	126,736.61	130,317.59	141,905.37	149,448.80
1984	37,800	16,135.07	112,681.77	113,955.08	117,890.25	122,163.17	126,741.29	130,322.40	141,910.61	149,454.32
1985	39,600	16,822.51	113,223.64	114,503.08	118,457.17	122,750.63	127,350.77	130,949.10	142,593.04	150,173.02
1986	42,000	17,321.82	116,624.15	117,942.01	122,014.86	126,437.27	131,175.57	134,881.97	146,875.61	154,683.25
1987	43,800	18,426.51	114,330.93	115,622.88	119,615.64	123,951.09	128,596.22	132,229.74	143,987.55	151,641.67
1988	45,000	19,334.04	111,949.62	113,214.66	117,124.26	121,369.41	125,917.79	129,475.63	140,988.54	148,483.24
1989	48,000	20,099.55	114,864.97	116,162.96	120,174.37	124,530.07	129,196.90	132,847.39	144,660.12	152,349.99
1990	51,300	21,027.98	117,341.74	118,667.71	122,765.62	127,215.24	131,982.70	135,711.90	147,779.34	155,635.02
1991	53,400	21,811.60	117,756.92	119,087.59	123,199.99	127,665.36	132,449.68	136,192.08	148,302.22	156,185.70
1992	55,500	22,935.42	116,390.89	117,706.12	121,770.82	126,184.39	130,913.21	134,612.20	146,581.85	154,373.88
1993	57,600	23,132.67	119,764.86	121,118.22	125,300.75	129,842.26	134,708.16	138,514.38	150,831.01	158,848.91
1994	60,600	23,753.53	122,709.21	124,095.84	128,381.19	133,034.35	138,019.88	141,919.67	154,539.10	162,754.12
1995	61,200	24,705.66	119,148.25	120,494.64	124,655.63	129,173.76	134,014.61	137,801.23	150,054.45	158,031.07
1996	62,700	25,913.90	116,377.08	117,692.16	121,756.37	126,169.42	130,897.68	134,596.23	146,564.46	154,355.56
1997	65,400	27,426.00	114,695.92	115,992.00	119,997.51	124,346.80	129,006.76	132,651.88	144,447.22	152,125.77
1998	68,400	28,861.44	113,991.07	115,279.18	119,260.07	123,582.63	128,213.95	131,836.67	143,559.53	151,190.89
1999	72,600	30,469.84	114,603.84	115,898.87	119,901.16	124,246.96	128,903.18	132,545.37	144,331.25	152,003.64
										(Continued)

(Continued)

#### Table 2.A9—Indexed earnings for workers with maximum earnings, 1951–2024 (in dollars)—Continued

	Annual maximum taxable	Average annual		Annual maximum indexed earnings for workers who were first eligible (attained age 62, became disabled, or died) in <sup>b</sup> —							
Year	earnings	wage <sup>a</sup>	2017	2018	2019	2020	2021	2022	2023	2024	
2000	76,200	32,154.82	113,983.40	115,271.42	119,252.04	123,574.32	128,205.33	131,827.80	143,549.87	151,180.72	
2001	80,400	32,921.92	117,463.68	118,791.03	122,893.20	127,347.44	132,119.85	135,852.93	147,932.92	155,796.76	
2002	84,900	33,252.09	122,806.53	124,194.25	128,483.01	133,139.85	138,129.34	142,032.22	154,661.66	162,883.19	
2003	87,000	34,064.95	122,841.24	124,229.36	128,519.33	133,177.49	138,168.39	142,072.37	154,705.38	162,929.24	
2004	87,900	35,648.55	118,598.64	119,938.82	124,080.62	128,577.90	133,396.42	137,165.58	149,362.28	157,302.10	
2005	90,000	36,952.94	117,145.66	118,469.42	122,560.48	127,002.67	131,762.16	135,485.13	147,532.41	155,374.96	
2006	94,200	38,651.41	117,224.47	118,549.12	122,642.93	127,088.10	131,850.79	135,576.27	147,631.65	155,479.48	
2007	97,500	40,405.48	116,063.87	117,375.41	121,428.68	125,829.85	130,545.39	134,233.98	146,170.01	153,940.14	
2008	102,000	41,334.97	118,690.31	120,031.52	124,176.52	128,677.28	133,499.53	137,271.59	149,477.72	157,423.68	
2009	106,800	40,711.61	126,178.59	127,604.43	132,010.94	136,795.66	141,922.14	145,932.19	158,908.42	167,355.70	
2010	106,800	41,673.83	123,265.22	124,658.13	128,962.90	133,637.14	138,645.26	142,562.72	155,239.33	163,491.57	
2011	106,800	42,979.61	119,520.25	120,870.84	125,044.83	129,577.06	134,433.02	138,231.47	150,522.95	158,524.47	
2012	110,100	44,321.67	119,482.39	120,832.56	125,005.22	129,536.02	134,390.44	138,187.68	150,475.27	158,474.26	
2013	113,700	44,888.16	121,832.00	123,208.71	127,463.43	132,083.33	137,033.21	140,905.13	153,434.35	161,590.64	
2014	117,000	46,481.52	121,070.48	122,438.59	126,666.71	131,257.73	136,176.67	140,024.38	152,475.29	160,580.60	
2015	118,500	48,098.63	118,500.00	119,839.06	123,977.42	128,470.96	133,285.48	137,051.49	149,238.05	157,171.27	
2016	118,500	48,642.15	118,500.00	118,500.00	122,592.11	127,035.45	131,796.16	135,520.10	147,570.49	155,415.07	
2017	127,200	50,321.89	127,200.00	127,200.00	127,200.00	131,810.35	136,750.01	140,613.91	153,117.24	161,256.67	
2018	128,400	52,145.80	128,400.00	128,400.00	128,400.00	128,400.00	133,211.85	136,975.79	149,155.62	157,084.46	
2019	132,900	54,099.99	132,900.00	132,900.00	132,900.00	132,900.00	132,900.00	136,655.13	148,806.44	156,716.72	
2020	137,700	55,628.60	137,700.00	137,700.00	137,700.00	137,700.00	137,700.00	137,700.00	149,944.22	157,914.98	
2021	142,800	60,575.07	142,800.00	142,800.00	142,800.00	142,800.00	142,800.00	142,800.00	142,800.00	150,390.99	
2022	147,000	63,795.13	147,000.00	147,000.00	147,000.00	147,000.00	147,000.00	147,000.00	147,000.00	147,000.00	
2023	160,200	66,621.80	160,200.00	160,200.00	160,200.00	160,200.00	160,200.00	160,200.00	160,200.00	160,200.00	
2024	168,600		168,600.00	168,600.00	168,600.00	168,600.00	168,600.00	168,600.00	168,600.00	168,600.00	

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: -- = not available.

a. National average wage levels. For years before 1978, average wages were determined from wages earned during the first quarter of the year and reported to the Social Security Administration (SSA) for Social Security tax purposes. These wages were then multiplied by 4 to obtain the average wage for the year. For 1973–1977 from data collected on all taxable wages reported to SSA; for 1957–1972, based on 1 percent statistical sample; for 1951–1956, based on 1/10 of 1 percent statistical sample. For 1978–1984, from wage data collected by the Internal Revenue Service during processing of annual tax returns. For years after 1984, from W-2 data processed by SSA. For years after 1977, the average wage amounts have been adjusted to be consistent with the pre-1978 series.

b. A worker's earnings for each year after 1950 and through the second year before the year of first eligibility are indexed by multiplying covered earnings, up to the maximum taxable amounts, by specified indexing factors (see Table 2.A8). The indexing factor for a given year represents the ratio of the average annual wage for the second year before the year of first eligibility to the average annual wage for the year to be indexed. For example, if the year of first eligibility is 2023, the indexing factor for 1982 is \$60,575.07 ÷ 14,531.34 or 4.1685811. Multiplication of maximum taxable earnings of \$32,400 for 1982 by this factor gives maximum indexed earnings of \$135,062.03 for 1982.

# Table 2.A10—Legislative provisions addressing average monthly wage and average indexed monthly earnings, by year enacted

Year enacted	Provision
	Average monthly wage (AMW)
1939	Computed using creditable earnings after 1936 and before year of death or retirement, divided by months after 1936 and before quarter of death or retirement, excluding months before age 22 in quarters not covered.
1950	Alternatively, computed using creditable earnings after 1950 (or year aged 21, if later) and before year of death, year of retirement, or subsequent year (or year age 65 attained if then insured), divided by number of months in those years.
1954	Earnings and months in 4 years may be excluded in all cases; 5 years if worker has 20 quarters of coverage. Period of disability may be excluded.
1956	Earnings and months in 5 years may be excluded in all cases. Computation period may end at age 62 for women then insured.
1960	Earnings may be used for any year after 1950 and before year of retirement but including year of death, with the number of years equal to the years elapsed after 1955 (or year age 26 attained) and before year of death or age 65 attained (62 for women).
	Same method may be used for earnings after 1936 and years elapsed after 1941.
1972	Number of years for men reaching age 62 after 1972, measured to age 62 or to 1975, if later.
1977	For workers who attain age 62, become disabled, or die after 1978, excludes earnings in year of attainment of age 62 and later, computed using creditable earnings after 1936.
	For workers who attain age 62 after 1978 and before 1984, excludes earnings in year of attainment of age 62 and later, computed using creditable earnings after 1950.
	Average indexed monthly earnings (AIME)
1977	For workers who attain age 62, become disabled, or die after 1978, AIME is computed by using indexed earnings after 1950 for the same computation period applicable in calculating the AMW. Indexed earnings for a given year equal actual creditable earnings multiplied by the national average wage for the second year before worker attains age 62, becomes disabled, or dies, divided by the national average wage for the given year, except that for years after the second year before the worker attains age 62, becomes disabled, or dies, indexed earnings equal actual creditable earnings equal actual creditable earnings.
1980	For disabled workers, the number of years of earnings used equals the number of years elapsed after 1950 (or year age 21 attained, if later) and before year of disability, minus dropout years equal to one-fifth of the number of elapsed years rounded to the next lower integer (to a maximum of 5 dropout years). However, the number of years of earnings used is at least 2. <i>Effective for initial entitlement after June 1980</i> .
	Disabled workers with computations using fewer than 3 dropout years under the one-fifth rule may be credited with additional dropout years based on child care, up to a total of 3 dropout years. (To receive this credit, a worker must have had no earnings in that year and have been living with his or her child or spouse's child under age 3.) However, the number of years of earnings used is at least 2. <i>Effective July 1981</i> .
1983	For workers who die after 1978 but before attaining age 62, indexed earnings for a given year equal actual creditable earnings, multiplied by the national average wage for the earlier of (1) the year in which the worker reached or would have reached age 60 or (2) the second year before the survivor becomes eligible for aged or disabled widow(er) benefits, and then divided by the national average wage for the given year. This computation method applies only if it results in a higher benefit. <i>Effective for surviving spouses first eligible after 1984</i> .

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

	Calculation of PIA (b	ased on percentage of AIM	E) (dollars)	First applicable	e COLA
	90 percent	Plus 32 percent	Plus 15 percent		
Eligibility year	of the first	of the next	of the amount above	Effective date	Percentage increase
		-	Enacted in 1977		
1979	180	905	1,085	June 1979	9.9
1980	194	977	1,171	June 1980	14.3
			Enacted in 1981		
1981	211	1,063	1,274	June 1981	11.2
1982	230	1,158	1,388	June 1982	7.4
			Enacted in 1983		
1983	254	1,274	1,528	December 1983	3.5
1984	267	1,345	1,612	December 1984	3.5
1985	280	1,411	1,691	December 1985	3.1
1986	297	1,493	1,790	December 1986	1.3
1987	310	1,556	1,866	December 1987	4.2
1988	319	1,603	1,922	December 1988	4.0
1989	339	1,705	2,044	December 1989	4.7
1990	356	1,789	2,145	December 1990	5.4
1991	370	1,860	2,230	December 1991	3.7
1992	387	1,946	2,333	December 1992	3.0
1993	401	2,019	2,420	December 1993	2.6
1994	422	2,123	2,545	December 1994	2.8
1995	426	2,141	2,567	December 1995	2.6
1996	437	2,198	2,635	December 1996	2.9
1997	455	2,286	2,741	December 1997	2.1
1998	477	2,398	2,875	December 1998	1.3
1999	505	2,538	3,043	December 1999	<sup>a</sup> 2.5
2000	531	2,671	3,202	December 2000	3.5
2001	561	2,820	3,381	December 2001	2.6
2002	592	2,975	3,567	December 2002	1.4
2003	606	3,047	3,653	December 2003	2.1
2004	612	3,077	3,689	December 2004	2.7
2005	627	3,152	3,779	December 2005	4.1
2006	656	3,299	3,955	December 2006	3.3
2007	680	3,420	4,100	December 2007	2.3
2008	711	3,577	4,288	December 2008	5.8
2009	744	3,739	4,483	December 2009	0.0

Table 2.A11—Formulas for computing primary insurance amount (PIA) from average indexed monthly earnings (AIME), and cost-of-living adjustments (COLAs), for workers who were first eligible in 1979 or later, by year of first eligibility

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# Table 2.A11—Formulas for computing primary insurance amount (PIA) from average indexed monthly earnings (AIME), and cost-of-living adjustments (COLAs), for workers who were first eligible in 1979 or later, by year of first eligibility—Continued

	Calculation of PIA (ba	ased on percentage of AIM	E) (dollars)	First applicable COLA		
Eligibility year	90 percent of the first	Plus 32 percent of the next	Plus 15 percent of the amount above	Effective date	Percentage increase	
		E	inacted in 1983 (cont.)			
2010	761	3,825	4,586	December 2010	0.0	
2011	749	3,768	4,517	December 2011	3.6	
2012	767	3,857	4,624	December 2012	1.7	
2013	791	3,977	4,768	December 2013	1.5	
2014	816	4,101	4,917	December 2014	1.7	
2015	826	4,154	4,980	December 2015	0.0	
2016	856	4,301	5,157	December 2016	0.3	
2017	885	4,451	5,336	December 2017	2.0	
2018	895	4,502	5,397	December 2018	2.8	
2019	926	4,657	5,583	December 2019	1.6	
2020	960	4,825	5,785	December 2020	1.3	
2021	996	5,006	6,002	December 2021	5.9	
2022	1,024	5,148	6,172	December 2022	8.7	
2023	1,115	5,606	6,721	December 2023	3.2	
2024	1,174	5,904	7,078	December 2024		

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTES: Eligible workers are those who attained age 62, became disabled, or died in the given year.

For workers newly eligible during 1979–1981, the minimum PIA (based on indexed earnings) is \$122, as established by the 1977 Amendments to the Social Security Act. Automatic COLAs for benefits based on this minimum PIA begin in the year of initial benefit receipt or attainment of age 65, whichever is earlier. In 1981, the minimum PIA provision was eliminated for workers newly eligible after 1981 (or after 1991 for members of certain religious orders).

For workers who attained age 62 during 1979–1983, the PIA cannot be less than that derived using the benefit formula in effect before January 1979.

-- = not available.

a. The COLA for December 1999 was originally determined to be 2.4 percent, based on the Consumer Price Index (CPI). The underlying CPI was later recomputed by the Bureau of Labor Statistics; a 2.5 percent COLA would have been consistent with the recomputed CPI. Pursuant to Public Law 106-554, benefits were calculated and paid in August 2001 and later as if the COLA for December 1999 had been 2.5 percent. Affected beneficiaries received a one-time payment to cover the shortfall that occurred before August 2001.

# Table 2.A11.1—Legislative provisions addressing the computation of primary insurance amount (PIA) based on Windfall Elimination Provision (WEP), by year enacted

Year effective			Provision						
	Enacted in 1983								
1986		Workers first eligible for pensions based on noncovered employment and disability or retired workers after December 31, 1985. <sup>a</sup> The benefit computation formula uses a reduced factor of the usual first average indexed monthly earnings (AIME) bend point.							
	Year eligible	Factor (percent)							
	1986	80							
	1987	70							
	1988	60							
	1989	50							
	1990 and later	40							
			oyees or nonprofit employees on January 1, 1984, and who were covered by Social Security of ge; to persons with Railroad Retirement pensions; or to workers with 30 years of substantial						
	Social Security earnings. W	/orkers with 26–29 years of co	verage have less than full WEP applied. <sup>b</sup> For benefits payable before January 1989:						
	Years of coverage	Factor (percent)							
	26	50							
	27	60							
	28	70							
	29	80							
			Enacted in 1988						
1989	5 percent added to factor fo	or each year of coverage over	20.						
	Years of coverage	Factor (percent)							
	21	45							
	22	50							
	23	55							
	24	60							
		65							
	25	00							
	25 26	70							
	26	70							

### Table 2.A11.1—Legislative provisions addressing the computation of primary insurance amount (PIA) based on Windfall Elimination Provision (WEP), by year enacted—*Continued*

Year effective		Provision						
	Enacted in 1988 (cont.)							
1991	Earnings required fo	Earnings required for a year of substantial coverage (decoupled from the definition of a year of coverage for special minimum PIA). <sup>b</sup>						
	Year	Earnings (dollars)						
	1991	9,900						
	1992	10,350						
	1993	10,725						
	1994	11,250						
	1995	11,325						
	1996	11,625						
	1997	12,150						
	1998	12,675						
	1999	13,425						
	2000	14,175						
	2001	14,925						
	2002	15,750						
	2003	16,125						
	2004	16,275						
	2005	16,725						
	2006	17,475						
	2007	18,150						
	2008	18,975						
	2009	19,800						
	2010	19,800						
	2011	19,800						
	2012	20,475						
	2013	21,075						
	2014	21,750						
	2015	22,050						
	2016	22,050						
	2017	23,625						
	2018	23,850						
	2019	24,675						
	2020	25,575						
	2021	26,550						
	2022	27,300						
	2023	29,700						
	2024	31,275						

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

a. Reduction in PIA will not be greater than one-half the amount of the pension based on noncovered employment performed after 1956.

b. See Table 2.A12a. Before 1991, a year of substantial coverage for WEP was the same amount as for the minimum PIA (25 percent of the "old law" contribution and benefit base). For 1991 and following, a year of substantial coverage under WEP provisions remains 25 percent of the old law base, while the criterion for computing the special minimum PIA was changed to 15 percent of the base.

# Table 2.A12a—Special minimum primary insurance amount (PIA): Minimum covered earnings required to qualify for a year of coverage, 1937–2024 (in dollars)

Year		Earnings required to qualify for a year of coverage
	Enacted in 1972 <sup>a</sup>	
1937–1950		b
1951–1954		900
1955–1958		1,050
1959–1965		1,200
1966–1967		1,650
1968–1971		1,950
1972		2,250
1973		2,700
1974		3,300
1975		3,525
1976		3,825
1977 1978		4,125
1978		4,425
	Enacted in 1977 <sup>c</sup>	
1979		4,725
1980		5,100
1981		5,550
1982		6,075
1983 1984		6,675
		7,050
1985		7,425
1986		7,875
1987 1988		8,175
1989		8,400
1990		8,925 9,525
1000	Enacted in 1990 <sup>d</sup>	5,020
	Enacted in 1990	
1991		5,940
1992		6,210
1993 1994		6,435
		6,750
1995		6,795
1996		6,975
1997		7,290
1998 1999		7,605
		8,055
2000		8,505
2001		8,955
2002 2003		9,450
2003		9,675 9,765
2005		10,035
2006 2007		10,485
2007 2008		10,890 11,385
2008		11,385 11,880
		11,000

### Table 2.A12a—Special minimum primary insurance amount (PIA): Minimum covered earnings required to qualify for a year of coverage, 1937–2024 (in dollars)—*Continued*

Year		Earnings required to qualify for a year of coverage
	Enacted in a	1990 <sup>d</sup> (cont.)
2010		11,880
2011		11,880
2012		12,285
2013		12,645
2014		13,050
2015		13,230
2016		13,230
2017		14,175
2018		14,310
2019		14,805
2020		15,345
2021		15,930
2022		16,380
2023		17,820
2024		18,765

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: The special minimum PIA is payable to some persons who have had covered employment or self-employment for many years at low earnings. The formula computes a benefit based on years of coverage rather than earnings, and it applies only if the resulting benefit exceeds the benefit computed by any other method. The usual rates of actuarial reduction apply for retirement before the full retirement age. Although delayed retirement credits are not applicable to the benefit derived from the special minimum PIA, the benefit will be raised if necessary to equal the benefit derived from the regularly computed PIA plus any delayed retirement credits.

a. For 1951-1978, the amount of Social Security covered earnings needed for a year of coverage is 25 percent of the effective annual maximum taxable earnings.

b. For 1937–1950, the years of coverage are determined by the number (not exceeding 14) obtained by dividing total creditable wages in 1937–1950 by \$900 (any remainder is disregarded).

c. For 1979–1990, the amount of Social Security covered earnings needed for a year of coverage is 25 percent of what the annual maximum taxable earnings would have been if the statutory increases in the maximum under the 1977 amendments had not been enacted (the "old law" contribution and benefit base).

d. For 1991 and following, a year of substantial coverage under the Windfall Elimination Provision remains 25 percent of the old law base, while the criterion for the special minimum PIA was changed to 15 percent of the base.

# Table 2.A12b—Factors used in computing the special minimum primary insurance amount (PIA), by effective date

Effective date	Amount <sup>a</sup> per year of coverage over 10 years (dollars)	Maximum amount <sup>a</sup> for workers with 30 or more years of coverage (dollars)
	Enacted in 1	
anuary 1973	8.50	170.00
	Enacted in 1	973
/larch 1974	9.00	180.00
	Enacted in 19	977 <sup>b</sup>
anuary 1979	11.50	230.00
lune 1979	12.64	252.80
lune 1980	14.45	289.00
lune 1981	16.07	321.40
lune 1982	17.26	345.10
December 1983	17.86	357.10
December 1984	18.49	369.50
December 1985	19.06	380.90
December 1986	19.31	385.80
December 1987	20.12	402.00
December 1988	20.92	418.00
December 1989	21.90	437.60
December 1990	23.08	461.20
December 1991	23.93	478.20
December 1992	24.65	492.50
December 1993	25.29	505.30
December 1994	26.00	519.40
December 1995	26.68	532.90
December 1996	27.45	548.30
December 1997	28.03	559.80
December 1998	28.39	567.00
December 1999	° 29.10	° 581.10
December 2000	30.12	601.40
December 2001	30.90	617.00
December 2002	31.33	625.60
December 2003	31.99	638.70
December 2004	32.85	655.90
December 2005	34.20	682.70
December 2006	35.33	705.20
December 2007	36.14	721.40
December 2008	38.24	763.20
December 2009	38.24	763.20

### Table 2.A12b—Factors used in computing the special minimum primary insurance amount (PIA), by effective date—*Continued*

Effective date	Amount <sup>a</sup> per year of coverage over 10 years (dollars)	Maximum amount <sup>a</sup> for workers with 30 or more years of coverage (dollars)
	Enacted in 1	1977 <sup>b</sup> (cont.)
December 2010	38.24	763.20
December 2011	39.62	790.60
December 2012	40.29	804.00
December 2013	40.89	816.00
December 2014	41.59	829.80
December 2015	41.59	832.20
December 2016	41.71	832.20
December 2017	42.54	848.80
December 2018	43.73	872.50
December 2019	44.43	886.46
December 2020	45.01	897.98
December 2021	47.67	950.96
December 2022	51.82	1,033.69
December 2023	53.48	1,066.77

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: The special minimum PIA is payable to some persons who have had covered employment or self-employment for many years at low earnings. The formula computes a benefit based on years of coverage rather than earnings, and it applies only if the resulting benefit exceeds the benefit computed by any other method. The usual rates of actuarial reduction apply for retirement before the full retirement age. Although delayed retirement credits are not applicable to the benefit derived from the special minimum PIA, the benefit will be raised if necessary to equal the benefit derived from the regularly computed PIA plus any delayed retirement credits.

a. The amount effective for a given month applies, as of that month, to all workers from the date of entitlement to benefits.

b. The 1977 Amendments to the Social Security Act established an initial 1979 factor of \$11.50 per year of coverage and automatic annual cost-of-living increases thereafter, beginning with the June 1979 increase. Factors are obtained by applying cost-of-living increases to the previous year's factor and rounding each one to nearest cent. An approximate PIA may be computed by multiplying factor in year of entitlement by the number of years of coverage in excess of 10 with a maximum of 20. Actual PIAs are published yearly in the *Federal Register*.

c. The cost-of-living adjustment (COLA) for December 1999 was originally determined to be 2.4 percent, based on the Consumer Price Index (CPI). The underlying CPI was later recomputed by the Bureau of Labor Statistics; a 2.5 percent COLA would have been consistent with the recomputed CPI. Pursuant to Public Law 106-554, benefits were calculated and paid in August 2001 and later as if the COLA for December 1999 had been 2.5 percent. Affected beneficiaries received a one-time payment to cover the shortfall that occurred before August 2001.

Table 2.A13—Formulas enacted in 1977 for computing Old-Age and Survivors Insurance (OASI) maximum family benefit from primary insurance amount (PIA) and cost-of-living adjustments (COLAs) for workers who were first eligible in 1979 or later, by year of first eligibility

	Calculation of ma	aximum family benefit (ba	sed on percentage of P	IA) (dollars)	First applica	ble COLA
	150 percent	Plus 272 percent	Plus 134 percent	Plus 175 percent		
Eligibility year	of the first	of the next	of the next	of the amount above	Effective date	Percentage increase
1979	230	102	101	433	June 1979	9.9
1980	248	110	109	467	June 1980	14.3
1981	270	120	118	508	June 1981	11.2
1982	294	131	129	554	June 1982	7.4
1983	324	144	142	610	December 1983	3.5
1984	342	151	150	643	December 1984	3.5
1985	358	159	158	675	December 1985	3.1
1986	379	169	166	714	December 1986	1.3
1987	396	175	174	745	December 1987	4.2
1988	407	181	179	767	December 1988	4.0
1989	433	193	190	816	December 1989	4.7
1990	455	201	200	856	December 1990	5.4
1991	473	209	208	890	December 1991	3.7
1992	495	219	217	931	December 1992	3.0
1993	513	227	226	966	December 1993	2.6
1994	539	240	237	1,016	December 1994	2.8
1995	544	241	239	1,024	December 1995	2.6
1996	559	247	246	1,052	December 1996	2.9
1997	581	258	255	1,094	December 1997	2.1
1998	609	271	267	1,147	December 1998	1.3
1999	645	286	283	1,214	December 1999	<sup>a</sup> 2.5
2000	679	301	298	1,278	December 2000	3.5
2001	717	317	315	1,349	December 2001	2.6
2002	756	336	332	1,424	December 2002	1.4
2003	774	344	340	1,458	December 2003	2.1
2004	782	347	343	1,472	December 2004	2.7
2005	801	355	352	1,508	December 2005	4.1
2006	838	372	368	1,578	December 2006	3.3
2007	869	386	381	1,636	December 2007	2.3
2008	909	403	399	1,711	December 2008	5.8
2009	950	422	417	1,789	December 2009	0.0
2010	972	431	427	1,830	December 2010	0.0
2011	957	425	421	1,803	December 2011	3.6
2012	980	435	430	1,845	December 2012	1.7
2013	1,011	448	444	1,903	December 2013	1.5
2014	1,042	463	457	1,962	December 2014	1.7
2015	1,056	468	463	1,987	December 2015	0.0
2016	1,093	485	480	2,058	December 2016	0.3
2017	1,131	502	497	2,130	December 2017	2.0
2018	1,144	507	503	2,154	December 2018	2.8
2019	1,184	524	520	2,228	December 2019	1.6
2020	1,226	544	539	2,309	December 2020	1.3
2021	1,272	565	558	2,395	December 2021	5.9
2022	1,308	581	574	2,463	December 2022	8.7
2023	1,425	631	626	2,682	December 2023	3.2
2024	1,500	666	659	2,825	December 2024	

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTES: The 1977 amendments provided for annual automatic adjustments of bend points (PIA brackets) in the maximum family benefit formula in proportion to increases in the average wage level. As a result, separate formulas are applicable to workers first eligible in successive calendar years.

Eligible workers are those who attained age 62 or died in the given year.

-- = not available.

a. The COLA for December 1999 was originally determined to be 2.4 percent, based on the Consumer Price Index (CPI). The underlying CPI was later recomputed by the Bureau of Labor Statistics; a 2.5 percent COLA would have been consistent with the recomputed CPI. Pursuant to Public Law 106-554, benefits were calculated and paid in August 2001 and later as if the COLA for December 1999 had been 2.5 percent. Affected beneficiaries received a one-time payment to cover the shortfall that occurred before August 2001.

### Table 2.A14—Formulas for computing maximum family benefit and cost-of-living adjustments for workers first eligible for disability benefits in 1979 or later, by year of enactment

Eligibility year	Formula
	Enacted in 1977 <sup>a</sup>
1979 <sup>b</sup>	150% of first \$230 of PIA + 272% of next \$102 of PIA + 134% of next \$101 of PIA + 175% of PIA over \$433 <sup>c</sup>
1980 <sup>b</sup>	150% of first \$248 of PIA + 272% of next \$110 of PIA + 134% of next \$109 of PIA + 175% of PIA over \$467°

#### Enacted in 1980 d

1979 or later Smaller of (1) 85% of the AIME (or 100% of PIA, if larger) and (2) 150% of PIA<sup>e</sup>

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," Federal Register, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the Federal Register.

NOTE: PIA = primary insurance amount; AIME = average indexed monthly earnings.

a. The 1977 amendments provided for annual automatic adjustments of bend points (PIA brackets) in maximum family benefit formula in proportion to increases in average wage level. As a result, separate formulas are applicable to workers first eligible in successive calendar years.

b. Applicability of formula limited to workers with initial entitlement before July 1980, as a result of 1980 amendments.

c. Calculated amount subject to cost-of-living adjustments beginning with the one effective for June of the year of first eligibility.

d. Formula for computing maximum family benefit revised effective for workers with initial entitlement in or after July 1980. New formula remains unchanged for workers eligible in successive calendar years because it has no bend points requiring adjustments.

e. Calculated amount subject to cost-of-living adjustments beginning with the one effective in year of first eligibility (or in 1981, if later).

# Table 2.A17—Minimum primary insurance amount (PIA) and maximum family benefit for workers who attained age 62, were first eligible for disabled-worker benefits, or died before 1979

		Minimum PIA <sup>a</sup>	Maximum family benefit		
Year enacted	Effective date	(dollars)	Percentage of AMW	Not less than—	
935		10.00			
939			Lesser of 80%, \$85, or 200% of PIA	\$20.00	
950	September 1950	20.00	80% of first \$187.50	\$40.00	
952	September 1952	25.00	80% of first \$210.93	\$45.00	
954	September 1954	30.00	80% of first \$250	\$50.00 or 150% of PIA	
958	January 1959	33.00	80% of first \$317.50	\$20.00 + PIA or 150% of PIA	
961	August 1961	40.00	80% of first \$317.50	150% of PIA	
965	January 1965	44.00	80% of first \$370 + 40% of next \$180	150% of PIA	
967	February 1968	55.00	80% of first \$436 + 40% of next \$214	150% of PIA	
969	January 1970	64.00	80% of first \$436 + 40% of next \$180	150% of PIA	
971	January 1971	70.40	88% of first \$436 + 44% of next \$191 <sup>b</sup>	150% of PIA	
972	September 1972	84.50	105.6% of first \$436 + 52.8% of next \$191 <sup>b</sup>	150% of PIA	
973 <sup>°</sup>	June 1974	89.50	111.8% of first \$436 + 55.9% of next \$191 <sup>b</sup>	150% of PIA	
1973 <sup>d</sup>	March 1974 June 1974	90.50 93.80	113.0% of first \$436 + 56.5% of next \$191 <sup>b</sup> 117.2% of first \$436 + 58.6% of next \$191 <sup>b</sup>	150% of PIA 150% of PIA	
	June 1975	101.40	126.6% of first \$436 + 63.3% of next \$191 <sup>b</sup>	150% of PIA	
	June 1976	107.90	134.7% of first \$436 + 67.3% of next \$191 <sup>b</sup>	150% of PIA	
	June 1977	114.30	142.6% of first \$436 + 71.3% of next \$191 <sup>b</sup>	150% of PIA	
	June 1978	121.80	151.9% of first \$436 + 76.0% of next \$191 <sup>b</sup>	150% of PIA	
	June 1979	133.90	167.0% of first \$436 + 83.5% of next \$191 <sup>b</sup>	150% of PIA	
	June 1980	153.10	190.9% of first \$436 + 95.4% of next \$191 <sup>b</sup>	150% of PIA	
	June 1981	170.30	212.2% of first \$436 + 106.1% of next \$191 <sup>b</sup>	150% of PIA	

(Continued)

# Table 2.A17—Minimum primary insurance amount (PIA) and maximum family benefit for workers who attained age 62, were first eligible for disabled-worker benefits, or died before 1979—*Continued*

		Minimum PIA <sup>a</sup>	Maximum family bene	Maximum family benefit			
ear enacted	Effective date	(dollars)	Percentage of AMW	Not less than—			
981 <sup>e</sup>	March 1982	f	190.9% of first \$436 + 106.1% of next \$191 <sup>b</sup>	150% of PIA			
981	June 1982	182.90	227.9% of first \$436 + 114.0% of next \$191 <sup>b</sup>	150% of PIA			
	December 1983	189.30	235.9% of first \$436 + 118.0% of next \$191 <sup>b</sup>	150% of PIA			
	December 1984	195.90	244.2% of first \$436 + 122.1% of next \$191 <sup>b</sup>	150% of PIA			
	December 1985	201.90	251.8% of first \$436 + 125.9% of next \$191 <sup>b</sup>	150% of PIA			
	December 1986	204.50	255.1% of first \$436 + 127.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 1987	213.00	265.8% of first \$436 + 132.9% of next \$191 <sup>b</sup>	150% of PIA			
	December 1988	221.50	276.4% of first \$436 + 138.2% of next \$191 <sup>b</sup>	150% of PIA			
	December 1989	231.90	289.4% of first \$436 + 144.7% of next \$191 <sup>b</sup>	150% of PIA			
	December 1990	244.40	305.0% of first \$436 + 152.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 1991	253.40	316.3% of first \$436 + 158.1% of next \$191 <sup>b</sup>	150% of PIA			
	December 1992	261.00	325.8% of first \$436 + 162.8% of next \$191 <sup>b</sup>	150% of PIA			
	December 1993	267.70	334.3% of first \$436 + 167.0% of next \$191 <sup>b</sup>	150% of PIA			
	December 1995	275.10	343.7% of first \$436 + 171.7% of next \$191 <sup>b</sup>	150% of PIA			
	December 1995	282.20	352.6% of first \$436 + 176.2% of next \$191 <sup>b</sup>	150% of PIA			
	December 1996	290.30	362.8% of first \$436 + 181.3% of next \$191 <sup>b</sup>	150% of PIA			
	December 1990	296.30	370.4% of first \$436 + 185.1% of next \$191 <sup>b</sup>	150% of PIA			
	December 1998	300.10	375.2% of first \$436 + 187.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 1998	307.60	384.6% of first \$436 + 192.2% of next \$191	150% of PIA			
C	December 2000	318.30	398.1% of first \$436 + 198.9% of next \$191 <sup>b</sup>	150% of PIA			
			$408.5\%$ of first $436 + 204.1\%$ of next $191^{b}$				
	December 2001	326.50	400.5% of first \$436 + 204.1% of next \$191 414.2% of first \$436 + 206.9% of next \$191 <sup>b</sup>	150% of PIA			
	December 2002	331.00		150% of PIA			
	December 2003 December 2004	337.90 347.00	422.9% of first \$436 + 211.2% of next \$191 <sup>b</sup> 434.3% of first \$436 + 216.9% of next \$191 <sup>b</sup>	150% of PIA 150% of PIA			
	December 2005	361.20	452.1% of first \$436 + 225.8% of next \$191	150% of PIA			
	December 2006	373.10	467.0% of first \$436 + 233.3% of next \$191 <sup>b</sup>	150% of PIA			
	December 2007	381.60	477.7% of first \$436 + 238.7% of next \$191 <sup>b</sup>	150% of PIA			
	December 2008	403.70	505.4% of first \$436 + 252.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 2009	403.70	505.4% of first \$436 + 252.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 2010	403.70	505.4% of first \$436 + 252.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 2011	418.20	523.6% of first \$436 + 261.6% of next \$191 <sup>b</sup>	150% of PIA			
	December 2012	425.30	532.5% of first \$436 + 266.0% of next \$191 <sup>b</sup>	150% of PIA			
	December 2013	431.70	540.5% of first \$436 + 265.5% of next \$191 <sup>b</sup>	150% of PIA			
	December 2014	439.00	549.7% of first \$436 + 274.6% of next \$191 <sup>b</sup>	150% of PIA			
	December 2015	439.00	549.7% of first \$436 + 274.6% of next \$191 <sup>b</sup>	150% of PIA			
	December 2016	440.30	551.3% of first \$436 + 275.4% of next \$191 <sup>b</sup>	150% of PIA			
	December 2017	449.10	562.3% of first \$436 + 280.9% of next \$191 <sup>b</sup>	150% of PIA			
	December 2018	461.70	578.0% of first \$436 + 288.8% of next \$191 <sup>b</sup>	150% of PIA			
	December 2019	469.10	587.2% of first \$436 + 293.4% of next \$191 <sup>b</sup>	150% of PIA			
	December 2020	475.20	594.8% of first \$436 + 297.2% of next \$191 <sup>b</sup>	150% of PIA			
	December 2021	503.20	629.9% of first \$436 + 314.7% of next \$191 <sup>b</sup>	150% of PIA			
	December 2022	550.00	684.7% of first \$436 + 342.1% of next \$191 <sup>b</sup>	150% of PIA			
	December 2023	567.60	684.7% of first \$450 + 342.1% of next \$197 <sup>b</sup>	150% of PIA			

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: AMW = average monthly wage; . . . = not applicable.

a. Based on earnings; subject to reduction if claimed before age 65.

b. For AMW of \$628 or more, 175 percent of PIA.

- c. Superseded by legislation in 1973.
- d. Beginning in 1975, minimum PIA and percentages in maximum family benefit formula are subject to automatic cost-of-living increases. (Superseded legislation in 1972 for automatic increases beginning in 1974.)
- e. Superseded by legislation in 1981 that restored the minimum PIA for these groups.
- f. Minimum PIA eliminated by legislation in 1981.
- g. The cost-of-living adjustment (COLA) for December 1999 was originally determined to be 2.4 percent, based on the Consumer Price Index (CPI). The underlying CPI was later recomputed by the Bureau of Labor Statistics; a 2.5 percent COLA would have been consistent with the recomputed CPI. Pursuant to Public Law 106-554, benefits were calculated and paid in August 2001 and later as if the COLA for December 1999 had been 2.5 percent. Affected beneficiaries received a one-time payment to cover the shortfall that occurred before August 2001.

### Table 2.A17.1—Full retirement age (FRA) and maximum reduction of retired-worker benefits, by year of birth

Year of birth <sup>a</sup>	Year of attainment of age 62	FRA	Year of attainment of FRA	Maximum reduction months	Maximum reduction at age 62 <sup>b</sup>
1935	1997	65 years	2000	36	0.2000000
1936	1998	65 years	2001	36	0.2000000
1937	1999	65 years	2002	36	0.2000000
1938	2000	65 years and 2 months	2003 or 2004	38	0.2083333
1939	2001	65 years and 4 months	2004 or 2005	40	0.2166667
1940	2002	65 years and 6 months	2005 or 2006	42	0.2250000
1941	2003	65 years and 8 months	2006 or 2007	44	0.2333333
1942	2004	65 years and 10 months	2007 or 2008	46	0.2416667
1943–1954	2005–2016	66 years	2009–2020	48	0.2500000
1955	2017	66 years and 2 months	2021 or 2022	50	0.2583333
1956	2018	66 years and 4 months	2022 or 2023	52	0.2666667
1957	2019	66 years and 6 months	2023 or 2024	54	0.2750000
1958	2020	66 years and 8 months	2024 or 2025	56	0.2833333
1959	2021	66 years and 10 months	2025 or 2026	58	0.2916667
1960 or later	2022 and later	67 years	2027 and later	60	0.3000000

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

a. If birthday is January 1, refer to previous year.

b. The monthly reduction factor is 0.0055556 for the 36 months immediately preceding FRA and 0.0041667 for prior months.

### Table 2.A17.2—Full retirement age (FRA) and maximum reduction of widow(er)s' benefits, by year of birth

1940 2000 65 years and 2 months 2005 or 2006 62 0.   1941 2001 65 years and 4 months 2006 or 2007 64 0.   1942 2002 65 years and 6 months 2007 or 2008 66 0.   1943 2003 65 years and 8 months 2008 or 2009 68 0.   1944 2004 65 years and 10 months 2009 or 2010 70 0.   1945–1956 2005–2016 66 years 2011–2022 72 0.   1957 2017 66 years and 2 months 2023 or 2024 74 0.   1958 2018 66 years and 4 months 2024 or 2025 76 0.   1959 2019 66 years and 6 months 2025 or 2026 78 0.   1960 2020 66 years and 8 months 2026 or 2027 80 0.   1961 2021 66 years and 10 months 2027 or 2028 82 0.	Year of birth <sup>a</sup>	Year of attainment of age 60	FRA	Year of attainment of FRA	Maximum reduction months	Monthly reduction <sup>b</sup>
1941 2001 65 years and 4 months 2006 or 2007 64 0.   1942 2002 65 years and 6 months 2007 or 2008 66 0.   1943 2003 65 years and 8 months 2008 or 2009 68 0.   1944 2004 65 years and 10 months 2009 or 2010 70 0.   1945–1956 2005–2016 66 years 2011–2022 72 0.   1957 2017 66 years and 2 months 2023 or 2024 74 0.   1958 2018 66 years and 4 months 2025 or 2025 76 0.   1959 2019 66 years and 6 months 2025 or 2026 78 0.   1960 2020 66 years and 8 months 2026 or 2027 80 0.   1961 2021 66 years and 10 months 2027 or 2028 82 0.	1939 or earlier	1999 and earlier	65 years	2004 and earlier	60	0.475
1942 2002 65 years and 6 months 2007 or 2008 66 0.   1943 2003 65 years and 8 months 2008 or 2009 68 0.   1944 2004 65 years and 10 months 2009 or 2010 70 0.   1945–1956 2005–2016 66 years 2011–2022 72 0.   1957 2017 66 years and 2 months 2023 or 2024 74 0.   1958 2018 66 years and 4 months 2022 or 2025 76 0.   1959 2019 66 years and 6 months 2025 or 2026 78 0.   1960 2020 66 years and 8 months 2026 or 2027 80 0.   1961 2021 66 years and 10 months 2027 or 2028 82 0.	940	2000	65 years and 2 months	2005 or 2006	62	0.460
943200365 years and 8 months2008 or 2009680.944200465 years and 10 months2009 or 2010700.945–19562005–201666 years2011–2022720.957201766 years and 2 months2023 or 2024740.958201866 years and 4 months2024 or 2025760.959201966 years and 6 months2025 or 2026780.960202066 years and 8 months2026 or 2027800.961202166 years and 10 months2027 or 2028820.	941	2001	65 years and 4 months	2006 or 2007	64	0.445
944 2004 65 years and 10 months 2009 or 2010 70 0.   945–1956 2005–2016 66 years 2011–2022 72 0.   957 2017 66 years and 2 months 2023 or 2024 74 0.   958 2018 66 years and 4 months 2024 or 2025 76 0.   959 2019 66 years and 6 months 2025 or 2026 78 0.   960 2020 66 years and 8 months 2026 or 2027 80 0.   961 2021 66 years and 10 months 2027 or 2028 82 0.	942	2002	65 years and 6 months	2007 or 2008	66	0.432
945–1956   2005–2016   66 years   2011–2022   72   0.     957   2017   66 years and 2 months   2023 or 2024   74   0.     958   2018   66 years and 4 months   2024 or 2025   76   0.     959   2019   66 years and 6 months   2025 or 2026   78   0.     960   2020   66 years and 8 months   2026 or 2027   80   0.     961   2021   66 years and 10 months   2027 or 2028   82   0.	943	2003	65 years and 8 months	2008 or 2009	68	0.419
957 2017 66 years and 2 months 2023 or 2024 74 0.   958 2018 66 years and 4 months 2024 or 2025 76 0.   959 2019 66 years and 6 months 2025 or 2026 78 0.   960 2020 66 years and 8 months 2026 or 2027 80 0.   961 2021 66 years and 10 months 2027 or 2028 82 0.	944	2004	65 years and 10 months	2009 or 2010	70	0.407
958201866 years and 4 months2024 or 2025760.959201966 years and 6 months2025 or 2026780.960202066 years and 8 months2026 or 2027800.961202166 years and 10 months2027 or 2028820.	945–1956	2005–2016	66 years	2011–2022	72	0.396
959201966 years and 6 months2025 or 2026780.960202066 years and 8 months2026 or 2027800.961202166 years and 10 months2027 or 2028820.	957	2017	66 years and 2 months	2023 or 2024	74	0.385
960   2020   66 years and 8 months   2026 or 2027   80   0.     961   2021   66 years and 10 months   2027 or 2028   82   0.	958	2018	66 years and 4 months	2024 or 2025	76	0.375
961   2021   66 years and 10 months   2027 or 2028   82   0.	959	2019	66 years and 6 months	2025 or 2026	78	0.365
	960	2020	66 years and 8 months	2026 or 2027	80	0.356
962 or later 2022 and later 67 years 2029 and later 84 0	961	2021	66 years and 10 months	2027 or 2028	82	0.348
	962 or later	2022 and later	67 years	2029 and later	84	0.339

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTE: Widows and widowers can elect reduced monthly benefits at age 60 or, if disabled, as early as age 50. Surviving divorced spouses can also receive benefits if married to the worker for at least 10 years and not remarried before age 60 (age 50 if disabled).

a. If birthday is January 1, refer to previous year.

b. Monthly reduction percentages are approximate because of rounding. For survivors whose FRA is 65, the monthly rate of reduction for the first 60 months immediately preceding FRA is 19/40 of 1 percent of the worker's primary insurance amount (PIA), with a maximum reduction of 28.5 percent at age 60. For survivors whose FRA is older than 65, the amount of reduction for each month prior to FRA is adjusted accordingly to ensure that the maximum reduction at age 60 remains 28.5 percent of the worker's PIA.

# Table 2.A17.3—Full retirement age (FRA) and maximum increase for delayed retirement credit, by year of birth

		Year of attainment	Credit for delay in cla benefit (p	0	Maximum credit	Maximum percentage increase
Year of birth <sup>a</sup>	FRA	of FRA	Per month <sup>b</sup>	Per year	months	for delay to age 70 <sup>b</sup>
1924	65 years	1989	0.250	3.0	60	15.000
1925–1926	65 years	1990–1991	0.292	3.5	60	17.500
1927–1928	65 years	1992–1993	0.333	4.0	60	20.000
1929–1930	65 years	1994–1995	0.375	4.5	60	22.500
1931–1932	65 years	1996–1997	0.417	5.0	60	25.000
1933–1934	65 years	1998–1999	0.458	5.5	60	27.500
1935–1936	65 years	2000–2001	0.500	6.0	60	30.000
1937	65 years	2002	0.542	6.5	60	32.500
1938	65 years and 2 months	2003 or 2004	0.542	6.5	58	31.417
1939	65 years and 4 months	2004 or 2005	0.583	7.0	56	32.667
1940	65 years and 6 months	2005 or 2006	0.583	7.0	54	31.500
1941	65 years and 8 months	2006 or 2007	0.625	7.5	52	32.500
1942	65 years and 10 months	2007 or 2008	0.625	7.5	50	31.250
1943–1954	66 years	2009–2020	0.667	8.0	48	32.000
1955	66 years and 2 months	2021 or 2022	0.667	8.0	46	30.667
1956	66 years and 4 months	2022 or 2023	0.667	8.0	44	29.333
1957	66 years and 6 months	2023 or 2024	0.667	8.0	42	28.000
1958	66 years and 8 months	2024 or 2025	0.667	8.0	40	26.667
1959	66 years and 10 months	2025 or 2026	0.667	8.0	38	25.333
1960 or later	67 years	2027 and later	0.667	8.0	36	24.000

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

a. If birthday is January 1, refer to previous year.

b. Some percentages are approximate because of rounding.

### Table 2.A18—Legislative provisions addressing automatic adjustments to benefit computations

Year enacted	Provision
	Quarter of coverage
1977	Mandatory annual determination, beginning in 1978, as to whether an adjustment is required in the amount of wages and self-employment earnings an individual needs in order to be credited with a quarter of coverage (QC) in the succeeding year. The amount required for a QC is the product of \$250 (ir effect in 1978) multiplied by the following quotient: the national average wage for the year before the year of determination, divided by the average wage for 1976 (see Table 2.A8 for average annual wages after 1950). The resulting product, rounded to the nearest multiple of \$10, is the new amount required for a QC. In no case, however, is the new amount reduced below the amount in effect in the year of determination.
	Maximum amount of taxable and creditable earnings
1972	The 1972 Act (as modified by the legislation in 1973) mandated a determination in 1974, and in every subsequent year in which a cost-of-living benefit increase is established, as to whether an adjustment is required in the maximum amount of annual earnings that will be taxed and credited toward benefits.
	The determination in the years after 1975 is made by multiplying the "maximum" in effect in the year of determination by the following quotient: the national average wage for the year before the year of determination, divided by the average wage for the year before the most recent year in which an automatic determination was made that resulted in an increase or in which an increase in the maximum was enacted. (See Table 2.A8 for annual amounts of the average wage after 1950). The resulting product, rounded to the nearest multiple of \$300, is the new maximum amount of taxable and creditable earnings, effective with respect to remuneration paid after the year of determination and with respect to taxable years beginning after that year In no case, however, is the maximum reduced to an amount below the maximum in the year of determination.
1976	In the 1974 and 1975 determinations, the quotient was the average wage for the year of determination, estimated from data for the first calendar quarter divided by the corresponding amount for the year before the year of determination. Public Law (P.L.) 94-202 (signed January 2, 1976) revised the adjustment method by increasing by a year the lag in average wages used in the computation. Thus, for example, the determination in 1976 was based on the percentage increase in the average wage from 1974 to 1975.
1977	Statutory in lieu of automatic increases in the maximum instituted for 1979, 1980, and 1981. Also, for purposes of establishing a "year of coverage" use in the computation of the special minimum primary insurance amount (PIA), annual maximum taxable and creditable earnings after 1978 are the amount that would have been determined under the automatic adjustment provisions if the statutory increases in the maximum under the 1977 Act had not been enacted (see Table 2.A12a).
1989	Automatic increases in the maximum for 1990, 1991, and 1992 determined under a transitional rule, specified by the Omnibus Budget Reconciliation Ac of 1989, for computing "deemed" average annual wage for 1988, 1989, and 1990. The purpose of the legislation was to include contributions to certain "deferred compensation" plans, most importantly section 401(k) pension plans, in the average annual average wage.
1994	The determination for years after 1994 is made by multiplying \$60,600, the "maximum" for 1994, by the following quotient: the national average wage index for the year before the year in which the determination is made, divided by the national average wage index for 1992. (See Table 2.A8 for annual amounts of the national average wage index.) The resulting product, rounded to the nearest \$300, is the new maximum amount of taxable and creditab earnings, effective with respect to remuneration paid in (and taxable years beginning in) the year following the year the determination is made. In no cas however, is the new maximum reduced to an amount below the maximum in the year of determination.
	<b>Benefits</b> Computation
1977	New benefit computation method based on average indexed monthly earnings (AIME) after 1950, effective for workers first eligible after 1978. Provision for automatic adjustment of the dollar amounts, or bend points, defining (1) the AIME brackets in the PIA formula (see Table 2.A11) and (2) the PIA brackets in the maximum family benefit formula (see Table 2.A13). New bend points are established by multiplying the bend points in effect in 1979—\$180 and \$1,085 for the PIA formula and \$230, \$332, and \$433 for the maximum family benefit formula—by the following quotient: the national average wage for the second year before the year for which the determination was made, divided by the average wage for 1977 (see Table 2.A8 for average annual wages after 1950). The resulting products, rounded to the nearest dollar, are the new bend points.
1980	Modified maximum family benefit formula applicable to workers with initial entitlement to disability benefits in or after July 1980 (see Table 2.A14). New formula for disabled workers has no bend points subject to automatic adjustment.
	Cost-of-living increase
1972	Under the original provisions (based on 1972 and 1973 legislation), the arithmetical mean of the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) for January, February, and March in the year of determination was compared with the arithmetical mean of the CPI for the late of (a) January, February, and March of the year in which the last effective cost-of-living increase was established or (b) the 3 months of the calendar quarter in which the effective month of the last general benefit increase occurred. (Before the introduction, in 1977, of the alternative CPI series for "all urban consumers," or the CPI-U, the CPI-W was referred to as the CPI.) If the percentage increase in the CPI, rounded to the nearest one-tenth of 1 percent, was at least 3.0 (the triggering requirement), a cost-of-living benefit increase was established and the level of benefits was increased by the same percentage, effective for June of the year in which the determination was made.

#### Table 2.A18—Legislative provisions addressing automatic adjustments to benefit computations—Continued

Year enacted	Provision
	Benefits (cont.) Cost-of-living increase (cont.)
1983	The 1983 Act moved the effective date for a cost-of-living benefit increase from June to December, beginning in 1983, and eliminated the "triggering requirement" for the 1983 increase only. Effective with the determination made in 1984, the two periods used in calculating the CPI-W percentage increase were shifted from the first to the third quarter.
	The 1983 Act also introduced an alternative method for determining the size of a cost-of-living adjustment (COLA). This method, called the stabilizer provision, is applied when the ratio of the combined Old-Age, Survivors, and Disability Insurance trust fund assets to estimated outgo falls below a certa percentage. The "triggering" percentage is 15 percent for 1985–1988 and 20 percent for years after 1988. Under these circumstances, the COLA is based on the lesser of the CPI-W percentage increase determined above or the increase in average wages. The latter increase is the percentage, rounded to the nearest one-tenth of 1 percent by which the national average wage for the year before the year of determination exceeds the average wage for the year before the most recent year in which either a cost-of-living increase or a general benefit increase occurred. (See Table 2.A8 for the annual amount of the average wage after 1950 and footnote a in that table for the underlying data sources.)
	The 1983 legislation also included a provision for making up any benefit increases that are based on a lower wage increase rather than on the increase the cost of living. When the fund ratio is greater than 32 percent, additional increases will be provided so that benefits are increased to the level at which they would have been if all increases had been based on the CPI-W. (See Table 2.A19 for the cumulative effect of statutory and automatic increases in benefits.)
1986	Triggering requirement eliminated for cost-of-living increases in and after 1986 by P.L. 99-509 (signed October 21, 1986).
2001	The COLA for December 1999 was originally determined to be 2.4 percent, based on the CPI. The underlying CPI was later recomputed by the Bureau Labor Statistics (BLS); a 2.5 percent COLA would have been consistent with the recomputed CPI. Pursuant to P.L. 106-554, benefits were calculated and paid in August 2001 and later as if the COLA for December 1999 had been 2.5 percent. Affected beneficiaries received a one-time payment to cover the shortfall that occurred before August 2001.
2007	The rules for calculating automatic cost-of-living increases to PIAs under title II of the Social Security Act (the Act) were revised. The arithmetical mean the CPI for each month is computed for the beginning and ending quarters of the measuring period, and the result is rounded to the same number of decimal places as the published CPI figures. Through December 2006, BLS published CPI figures rounded to the nearest one-tenth of 1 percent. BLS began publishing CPI figures rounded to the nearest one-thousandth of 1 percent in January 2007.
	Earnings test
1972	The 1972 Act (as modified by the 1973 Acts) mandated a determination in 1974, and in every subsequent year in which a cost-of-living increase is established, as to whether an adjustment in the exempt amount—the amount of earnings permitted without reduction in benefits—is required.
	The determination in the years after 1975 is made by multiplying the monthly exempt amount in effect in the year of determination by the following quotient: the national average wage for the year before the year of determination, divided by the average wage for the year before the most recent year which an automatic determination was made that resulted in an increase or in which an increase in the exempt amount was enacted. (See Table 2.A8 for annual amounts of the average wage after 1950.) The resulting product, rounded to the nearest multiple of \$10, is the new monthly exempt amount, effective with respect to remuneration paid after the year of determination and with respect to taxable year beginning after that year. In no case, however is the new exempt amount reduced below the exempt amount in the year of determination. The new annual exempt amount is determined by multiplying the new monthly amount by 12.
1976	In the 1974 and 1975 determinations, the quotient was the average wage for the year of determination, estimated from data for the first calendar quarter divided by the corresponding amount for the year before the year of determination. P.L. 94-202 (signed January 2, 1976) revised the adjustment method by increasing by a year the lag in average wages used in the computation. Thus, for example, the 1976 determination was based on the percentage increase in the average wage from 1974 to 1975.
1994	The determination for years after 1994 is made by multiplying the monthly exempt amounts in effect for 1994 (\$930 for beneficiaries who have, \$670 for beneficiaries who have not yet, reached "full retirement age"; see footnote f in Table 2.A29) by the following quotient: the national average wage for the year before the year in which the determination is made, divided by the national average wage for 1992. (See Table 2.A8 for annual amounts of the national average wage.) The resulting products, rounded to the nearest \$10, are the new monthly exempt amounts effective for the year following the year the determination is made. The new annual exempt amounts are determined by multiplying the new monthly amounts by 12.
1996	P.L. 104-121, enacted March 29, 1996, suspended the automatic indexing of the exempt amounts through the year 2002 for workers aged–65–69. It legislated ad hoc increases in the annual exempt amounts to \$12,500 in 1996; \$13,500 in 1997; \$14,500 in 1998; \$15,500 in 1999; \$17,000 in 2000; \$25,000 in 2001; and \$30,000 in 2002. Thereafter, the exempt amounts will increase automatically based on the annual increase in the national average wage as under the 1994 legislation.
2000	P.L. 106-182, enacted April 7, 2000, eliminated the earnings test beginning with the month a beneficiary reaches full retirement age (FRA). The annual earnings test that applies in the year of attainment of FRA is based on the annual limits established under P.L. 104-121 (including the \$1 for \$3 withholding rate). In determining annual earnings for purposes of the annual earnings test under this legislation, only earnings before the month of attainment of FRA will be considered. P.L. 106-182 did not change the annual exempt amount for beneficiaries who are under FRA throughout the year, which continues to be pegged to increases in the average wage.

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*. CONTACT: statistics@ssa.gov.

# Table 2.A19—Illustrative benefit growth: Cumulative effect of statutory and automatic increases <sup>a</sup> in benefits using a 100 dollar base benefit, selected years

	Aug.	Sept.	Jan.	Jan.	June	June	Dec.										
Base date	1950	1954	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2021	2022	2023
Aug. 1950	100	225	258	335	530	799	1,053	1,276	1,475	1,665	1,890	2,112	2,296	2,482	2,628	2,857	2,948
Sept. 1954		100	114	149	235	355	468	567	655	740	839	937	1,017	1,100	1,165	1,266	1,307
Jan. 1965			100	130	206	310	409	495	573	646	733	819	888	958	1,015	1,103	1,138
Jan. 1970				100	158	239	315	381	441	497	563	629	682	736	779	847	874
June 1975					100	151	199	241	278	314	356	397	430	463	490	533	550
June 1980						100	132	160	185	209	235	262	283	303	321	349	360
Dec. 1985							100	121	140	158	179	198	214	229	243	264	272
Dec. 1990								100	116	131	148	163	174	185	196	213	220
Dec. 1995									100	113	127	141	152	163	173	188	194
Dec. 2000										100	113	125	134	142	150	163	168
Dec. 2005											100	111	117	124	131	142	147
Dec. 2010												100	106	113	120	130	134
Dec. 2015													100	106	112	122	126
Dec. 2020														100	106	115	119
Dec. 2021															100	109	112
Dec. 2022																100	103
Dec. 2023																	100

SOURCES: Social Security Act of 1935 (the Act), as amended through December 31, 2023; regulations issued under the Act; and precedential case decisions (rulings). Social Security Administration, "Cost-of-Living Increase and Other Determinations for 2024," *Federal Register*, vol. 88, no. 203 (October 23, 2023). See the Social Security Program Rules page (https://www.ssa.gov/regulations/index.htm) for specific laws, regulations, rulings, legislation, and a link to the *Federal Register*.

NOTES: Growth reflects cost-of-living adjustments only. The amounts shown in the table are computed using unrounded data, with results rounded to the nearest dollar. ... = not applicable.

a. Ad hoc benefit increases were enacted by statute before 1975. Since then, automatic annual increases have been determined by formula (see https://www.ssa.gov/history/briefhistory3.html, "The Story of COLAs," and Table 2.A13).