

MEMORANDUM

Date: November 9, 2010 Refer To: TCA

To: Bruce Reed, Marc Goldwein, Meaghan Mann

Fiscal Commission Staff

From: Stephen C. Goss, Chief Actuary

Social Security Administration

Subject: Co-Chairs' Proposals for Consideration by the Fiscal Commission:

Preliminary Long-Range Estimates of Effect on Social Security

The attached tables provide preliminary estimates for the two proposals, 1a and 1b, that you have identified as being of interest for consideration by the Fiscal Commission. All estimates are based on the intermediate assumptions of the 2010 Trustees Report. These estimates provide the estimated effects for the 75-year long-range period as a whole, referred to as the change in the actuarial balance, and the effect on the annual balance for the 75th year, 2084, which is the difference between scheduled tax income and scheduled cost for the program for that year. Both estimates are expressed as percentages of taxable payroll for the OASDI program. In addition, we are providing estimates of the effect of the proposals on benefits for selected hypothetical workers by career-average earnings level and age, relative to both current law scheduled and payable benefit levels.

Proposal 1a includes increase in the earliest eligibility age (EEA) to maintain a 5-year difference with the NRA, and proposal 1b holds the EEA 62. For each proposal, a variation is provided where the coverage of State and local government employees hires after 2020 is included. In each case, long-range sustainable solvency and ultimate positive annual cash flow is projected under the intermediate assumption. The margin of solvency is sufficient to allow consideration of extending the phase-in period for the PIA formula proposal to be completed after 2050 in each case. Likely the extension may be possible for completion in 2060 or even 2070.

Chris Chaplain, Dan Nickerson, Tiffany Bosley and Alice Wade as well as others contributed immensely to producing these estimates in a very short time. We anticipate refinements in the provisions and will be ready to develop further estimates. We look forward to working with you on these proposals for restoring long-term sustainable solvency for the OASDI program. Please let us know if you have any questions on these estimates.

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Stephen C. Goss

Attachments

a) Maintain the EEA at 5 years less than NRA in the future. Index the NRA to Life Expectancy Once the NRA Reaches 67 by the "ratio" approach (note: 1 month every 2 years)	0.41	1.48
b) Create New Bend Point at 50 th Percentile career-average earnings level, Reduce PIA Factors to 90/30/10/5 by 2050. Beginning 2017	0.86	2.12
d) Use Chained-CPI to Calculate all COLAs starting December 2011	0.50	0.70
e) Beginning in 2017, increase the special minimum benefit by making the following changes: (a) A year of coverage is defined as a year in which 4 quarters of coverage are earned. (b) At implementation, set the PIA for 30 years of coverage equal to 125 percent of the monthly poverty level (about \$1,128 in 2009). The PIA per year of coverage (after the first 10 years) would be \$1,128/20 = \$56.40. (c) Chain-CPI index the poverty level from 2009 to 2017, then index the initial PIA per year of coverage by wage growth for successive cohorts, so that the special minimum keeps up with the wage-indexed benefit formula. Scale work requirements for DIB based on yrs potential work.	-0.15	-0.26
f) Provide 5% Benefit Increase Beginning 20 Years After Eligibility and Phased over Five Years Phase 82-86 for OAB. Start 2011 for all. (For retired workers, age of eligibility would be the EEA – so effectively the "bump up" age would be indexed to life expectancy. For disabled workers, the eligibility age would be the first year of collection). Increase is equal to 1% of PIA of AWI worker per year for five years.	-0.15	-0.23
g) Index Taxable Maximum to Have 90% of OASDI Covered Earnings below the Maximum Level. Phase in slowly over time (over 35+ years). Starting 2012. Subject all earnings above the current-law taxable maximum to a new 5% bend point.	0.67	0.90
h) Allow Retirees to Collect up to Half their Benefits at Age 62, with the other half available independently starting at EEA. Actuarial reduction or delayed retirement increment applies to each half separately based on starting age. The retirement earnings test would apply for benefits payable before EEA. Also, the PIA for the portion of the benefit starting at age 62 would be computed with the PIA formula appropriate for the year of attaining 62 (with indexing of earnings for AIME to 2 years earlier).	Negligible	Negligible
Total preliminary estimates for above provisions with interaction	2.03	4.43
i) Cover all newly hired state and local workers after 2020. (Please model with interactions if added into the package above).	0.16	-0.12
Grand total preliminary estimates for all above provisions with interaction	2.22	4.43

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Co-Chairs' Proposal 1b (no EEA Change)President's Fiscal Commission Actuarial Bal 75thYr AnnBal

a) Index the NRA to Life Expectancy Once the NRA Reaches 67 by the "ratio" approach (note: 1 month every 2 years)	0.41	1.52
b) Create New Bend Point at 50 th Percentile career-average earnings level, Reduce PIA Factors to 90/30/10/5 by 2050. Beginning 2017	0.86	2.12
d) Use Chained-CPI to Calculate all COLAs starting December 2011	0.50	0.70
e) Beginning in 2017, increase the special minimum benefit by making	0.50	0.70
the following changes: (a) A year of coverage is defined as a year in		
which 4 quarters of coverage are earned. (b) At implementation, set		
the PIA for 30 years of coverage equal to 125 percent of the monthly		
poverty level (about \$1,128 in 2009). The PIA per year of coverage		
(after the first 10 years) would be \$1,128/20 = \$56.40. (c) Chain-CPI	-0.15	-0.26
index the poverty level from 2009 to 2017, then index the initial PIA per	0.20	0.20
year of coverage by wage growth for successive cohorts, so that the		
special minimum keeps up with the wage-indexed benefit formula.		
Scale work requirements for DIB based on yrs potential work.		
f) Provide 5% Benefit Increase Beginning 20 Years After Eligibility and		
Phased over Five Years Phase 82-86 for OAB. Start 2011 for all.		
(For retired workers, age of eligibility would be the EEA – so effectively		
the "bump up" age would be indexed to life expectancy. For disabled	-0.15	-0.23
workers, the eligibility age would be the first year of collection). Increase		
is equal to 1% of PIA of AWI worker per year for five years.		
g) Index Taxable Maximum to Have 90% of OASDI Covered Earnings		
below the Maximum Level. Phase in slowly over time (over 35+ years).		
Starting 2012. Subject all earnings above the current-law taxable	0.67	0.90
maximum to a new 5% bend point.		
h) Allow Retirees to Collect up to Half their Benefits at Age 62, with the		
other half available independently starting at EEA. Actuarial reduction		
or delayed retirement increment applies to each half separately based		
on starting age. The retirement earnings test would apply for benefits		
payable before EEA. Also, the PIA for the portion of the benefit starting	Negligible	Negligible
at age 62 would be computed with the PIA formula appropriate for the		
year of attaining 62 (with indexing of earnings for AIME to 2 years		
earlier).		
Total preliminary estimates for above provisions with interaction	2.02	4.43
i) Cover all newly hired state and local workers after 2020. (Please	0.15	0.10
model with interactions if added into the package above).	0.16	-0.12
Grand total preliminary estimates for all above provisions with	2.04	4.55
interaction	2.21	4.43
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Fiscal Commission Co-Chairs' Proposal 1a For Worker Retiring (Stops Working) at age 65 with Indicated Career Earnings Level

Year	Duscont T	w Scheduled	Sche Longevity	duled Benef	it Level Percent	Change at age	<u>e 65</u>	Proposal Sche	duled Rene#4
Attain		Benefits ²	Index NRA	Reduced	Benefit	Minimum		Percent of P	
Age 65	(Wage Indexed	(Constant	1 Mth/ 2 Yrs ³	COLA ⁴	Formula ⁵	Benefit ⁶	<u>Total</u>	Scheduled	Payable
Age 03	2010 Dollars)	2010 Dollars)	1 14101/ 2 113	COLIT	(Percent change)		Total	(Perc	-
	2010 Donarsy	2010 Bonarsy	Cas	lod Vory I	ow Earner (\$1		1,	(-2	,
2010	648	648	Sca	ieu very Lo	Jw Earner (51)	0,771 101 2010	, ,		
2020	611	717	0.0	-0.9	0.0	35.9	34.7	135	135
2030	579	758	-1.3	-0.9	-0.1	36.0	33.0	133	133
2040	578	852	-4.5	-0.9	-0.2	36.1	28.7	129	164
2050	580	959	-7.7	-0.9	-0.3	36.3	24.4	124	156
2060	580	1,074	-10.1	-0.9	-0.3	36.3	21.1	121	153
2070	580	1,200	-12.5	-0.9	-0.3	36.3	17.9	118	152
2080	580	1,341	-14.9	-0.9	-0.3	36.3	14.6	115	151
			c	Sooled I ow	Earner (\$19,3	88 for 2010 ¹)			
2010	848	848	2	calcu LUW	Lainei (\$13,3	00 101 2010)			
2020	800	938	0.0	-0.9	0.0	3.9	3.0	103	103
2030	758	992	-1.3	-0.9	-0.5	4.4	1.7	102	102
2040	756	1,115	-4.5	-0.9	-1.0	5.0	-1.6	98	125
2050	758	1,255	-7.7	-0.9	-1.5	5.5	-4.9	95	119
2060	759	1,404	-10.1	-0.9	-1.7	5.7	-7.4	93	117
2070	759	1,569	-12.5	-0.9	-1.7	5.7	-9.9	90	116
2080	758	1,754	-14.9	-0.9	-1.7	5.7	-12.4	88	116
			_				1.		
2010	1,397	1,397	Sca	aled Mediu	m Earner (\$43	3,084 for 2010	-)		
2010	1,318	1,546	0.0	-0.9	-0.2	0.0	-1.1	99	99
2020	1,248	1,634	-1.3	-0.9	-2.6	0.0	-1.1 -4.6	95 95	95
2040	1,245	1,838	-1.5 -4.5	-0.9	-2.0 -4.9	0.0	-4.0 -9.9	90	115
2050	1,249	2,068	-7.7	-0.9	-7.2	0.0	-15.1	85	106
2060	1,251	2,314	-10.1	-0.9	-7.9	0.0	-17.9	82	104
2070	1,251	2,586	-12.5	-0.9	-7.9	0.0	-20.1	80	103
2080	1,249	2,889	-14.9	-0.9	-7.9	0.0	-22.3	78	102
	-,,	_,							
			S	caled High	Earner (\$68,9	34 for 2010 ¹)			
2010	1,851	1,851	0.0		0.5	0.0			0.0
2020	1,747	2,048	0.0	-0.9	-0.7	0.0	-1.5	98	98
2030	1,654	2,166	-1.3	-0.9	-7.3	0.0	-9.3	91	91
2040 2050	1,651 1,656	2,435	-4.5 -7.7	-0.9 -0.9	-14.0 -20.7	0.0	-18.6 -27.4	81 73	104 91
2060	1,658	2,740 3,067	-10.1	-0.9	-20.7	0.0	-27.4	69	87
2070	1,658	3,427	-10.1	-0.9	-22.7	0.0	-32.9	67	86
2070	1,656	3,829	-14.9	-0.9	-22.7	0.0	-34.8	65	86
2000	1,030	3,02)						0.5	00
Steady Maximum Earner (\$106,800 for 2010 ¹)									
2010	2,192	2,192							
2020	2,126	2,493	0.0	-0.9	-0.9	0.0	-1.8	98	98
2030	2,021	2,646	-1.3	-0.9	-9.9	0.0	-11.9	88	88
2040	2,016	2,974	-4.5	-0.9	-18.9	0.0	-23.3	77	98
2050	2,020	3,343	-7.7	-0.9	-27.9	0.0	-34.0	66	83
2060	2,021	3,738	-10.1	-0.9	-30.6	0.0	-38.1	62	78
2070	2,021	4,177	-12.5	-0.9	-30.6	0.0	-39.8	60	77
2080	2,019	4,668	-14.9	-0.9	-30.6	0.0	-41.5	59	77

¹ Average of highest 35 years of earnings wage indexed to 2010.

All estimates based on the intermediate assumptions of the 2010 Trustees Report.

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² After trust fund exhaustion under present law continuing taxes are expected to be enough to pay about three fourths of scheduled benefits.

³ Index NRA and EEA to Longevity increasing 1 month every 2 years

⁴ Starting Dec 2011, compute the COLA using a chained CPI-W, producing 0.3% lower annual COLAs on average.

⁵ New Bend Point at 50th Percentile career-average earnings level, Reduced PIA Factors 90/30/10/5 by 2050.

⁶ Increase the PIA to a level such that a worker with 30 years of earnings at the minimum wage level would receive an adjusted PIA equal to 125% of monthly poverty level in 2009, CPI-index from 2009-2017 then wage-indexed. This provision would take full effect for all newly eligible workers in 2017 The EEA increases under this proposal. For these illustrations, we assume the indexing year and the computation period remain as in current law - the

The EEA increases under this proposal. For these illustrations, we assume the indexing year and the computation period remain as in current law - the indexing year is the year the worker reaches age 60 and the computation period is 35 years.

Fiscal Commission Co-Chairs' Proposal 1a For Worker Retiring (Stops Working) at age 65 with Indicated Career Earnings Level

Proposal Benefit as Percent of Present Law Scheduled						
Year Attain						
Age 65	<u>Age 65</u>	<u>Age 75</u>	Age 85^2	<u>Age 95</u>		
		(Per	cents)			
		Scaled Very Low Ear	ner (\$10,771 for 2010 ¹)			
2010						
2020	134.7	130.8	132.1	129.6		
2030	133.0	129.1	130.4	127.9		
2040	128.7	125.0	126.2	123.8		
2050	124.4	120.8	120.8	119.6		
2060	121.1	117.6	117.7	116.5		
2070	117.9	114.5	114.5	113.4		
2080	114.6	111.3	110.3	110.3		
		Scaled Low Earner	r (\$19,388 for 2010 ¹)			
2010						
2020	103.0	100.0	101.0	99.0		
2030	101.7	98.7	99.7	97.8		
2040	98.4	95.5	96.5	94.6		
2050	95.1	92.3	92.4	91.4		
2060	92.6	89.9	90.0	89.1		
2070	90.1	87.5	87.5	86.7		
2080	87.6	85.1	84.3	84.3		
		Scaled Medium Farr	ner (\$43,084 for 2010 ¹)			
2010		Scaled Medium Lan	ici (\$43,004 lui 2010)			
2020	98.9	96.1	97.0	95.1		
2030	95.4	92.6	93.5	91.7		
2040	90.1	87.5	88.3	86.6		
2050	84.9	82.5	82.5	81.7		
2060	82.1	79.7	79.7	78.9		
2070	79.9	77.6	77.6	76.8		
2080	77.7	75.5	74.7	74.7		
2010		Scaled High Earne	r (\$68,934 for 2010 ¹)			
2010 2020	98.5	95.6	96.6	94.7		
2030	90.7	88.1	88.9	87.2		
2040	81.4	79.1	79.9	78.3		
2050	72.6	70.5	70.5	69.8		
2060	68.9	66.9	66.9	66.3		
2070	67.1	65.1	65.1	64.5		
2080	65.2	63.3	62.7	62.7		
2010		Steady Maximum Ear	ner (\$106,800 for 2010 ¹)			
2010	98.2	95.4	96.4	94.5		
2030	88.1	85.6	86.5	84.8		
2040	76.7	74.5	75.3	73.8		
2050	66.0	64.1	64.1	63.4		
2060	61.9	60.1	60.1	59.5		
2070	60.2	58.5	58.5	57.9		
2080	58.5	56.9	56.3	56.3		
2000	55.5	55.7	50.5	30.3		

Average of highest 35 years of earnings wage indexed to 2010.

New Bend Point at 50th Percentile career-average earnings level, Reduced PIA Factors 90/30/10/5 by 2050.

Increase the PIA to a level such that a worker with 30 years of earnings at the minimum wage level would receive an adjusted PIA equal to 125% of monthly poverty level in 2009, CPI-index from 2009-2017 then wage-indexed. This provision would take full effect for all newly eligible workers in 2017.

The EEA increases under this proposal. For these illustrations, we assume the indexing year and the computation period remain as in current law - the indexing year is the year the worker reaches age 60 and the computation period is 35 years.

All estimates based on the intermediate assumptions of the 2010 Trustees Report.

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² Increase the benefit by 5% beginning 20 years after eligibility and phased in over five years starting in 2011 Note: Starting Dec 2011, compute the COLA using a chained CPI-W, producing 0.3% lower annual COLAs on average. Other Changes: Index NRA and EEA to Longevity increasing 1 month every 2 years.

Fiscal Commission Co-Chairs' Proposal 1b For Worker Retiring (Stops Working) at age 65 with Indicated Career Earnings Level

	Scheduled Benefit Level Percent Change at age 65								
Year	Present Lav	v Scheduled	Longevity					Proposal Sche	duled Benefit
Attain	Monthly	Benefits ²	Index NRA	Reduced	Benefit	Minimum		Percent of Pr	resent Law:
Age 65	(Wage Indexed	(Constant	1 Mth/ 2 Yrs ³	$COLA^4$	Formula ⁵	Benefit ⁶	<u>Total</u>	Scheduled	<u>Payable</u>
	2010 Dollars) 2010 Dollars) (Percent change)							(Perce	ents)
			Scal	ed Verv Lo	w Earner (\$1	0,771 for 201	0^{1})		
2010	648	648		.04 (01) 20	,, <u>201101</u> (\$2	.0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		
2020	611	717	0.0	-0.9	0.0	35.9	34.7	135	135
2030	579	758	-1.3	-0.9	-0.1	36.0	33.0	133	133
2040	578	852	-4.5	-0.9	-0.2	36.1	28.7	129	164
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2080	580	1,341	-14.9	-0.9	-0.3	36.3	14.6	115	151
			S	caled Low l	Tarner (\$19 3	388 for 2010 ¹)			
2010	848	848	J	curcu Low I	μ (ψ1),	,00101 2010)			
2020	800	938	0.0	-0.9	0.0	3.9	3.0	103	103
2030	758	992	-1.3	-0.9	-0.5	4.4	1.7	102	102
2040	756	1,115	-4.5	-0.9	-1.0	5.0	-1.6	98	125
2050	758	1,255	-7.7	-0.9	-1.5	5.5	-4.9	95	119
2060	759	1,404	-10.1	-0.9	-1.7	5.7	-7.4	93	117
2070	759	1,569	-12.5	-0.9	-1.7	5.7	-9.9	90	116
2080	758	1,754	-14.9	-0.9	-1.7	5.7	-12.4	88	116
			Sca	led Mediun	Farner (\$4	3,084 for 2010	1)		
2010	1,397	1,397	Sea	neu meurun	ι Εαιτικί (φ.	3,004101 2010	,		
2020	1,318	1,546	0.0	-0.9	-0.2	0.0	-1.1	99	99
2030	1,248	1,634	-1.3	-0.9	-2.6	0.0	-4.6	95	95
2040	1,245	1,838	-4.5	-0.9	-4.9	0.0	-9.9	90	115
2050	1,249	2,068	-7.7	-0.9	-7.2	0.0	-15.1	85	106
2060	1,251	2,314	-10.1	-0.9	-7.9	0.0	-17.9	82	104
2070	1,251	2,586	-12.5	-0.9	-7.9	0.0	-20.1	80	103
2080	1,249	2,889	-14.9	-0.9	-7.9	0.0	-22.3	78	102
			S	caled High l	Earner (\$68.9	934 for 2010 ¹)			
2010	1,851	1,851	~		Sur1101 (\$00).	, , ,			
2020	1,747	2,048	0.0	-0.9	-0.7	0.0	-1.5	98	98
2030	1,654	2,166	-1.3	-0.9	-7.3	0.0	-9.3	91	91
2040	1,651	2,435	-4.5	-0.9	-14.0	0.0	-18.6	81	104
2050	1,656	2,740	-7.7	-0.9	-20.7	0.0	-27.4	73	91
2060	1,658	3,067	-10.1	-0.9	-22.7	0.0	-31.1	69	87
2070	1,658	3,427	-12.5	-0.9	-22.7	0.0	-32.9	67	86
2080	1,656	3,829	-14.9	-0.9	-22.7	0.0	-34.8	65	86
Steady Maximum Earner (\$106,800 for 2010 ¹)									
2010	2,192	2,192				,	,		
2020	2,126	2,493	0.0	-0.9	-0.9	0.0	-1.8	98	98
2030	2,021	2,646	-1.3	-0.9	-9.9	0.0	-11.9	88	88
2040	2,016	2,974	-4.5	-0.9	-18.9	0.0	-23.3	77	98
2050	2,020	3,343	-7.7	-0.9	-27.9	0.0	-34.0	66	83
2060	2,021	3,738	-10.1	-0.9	-30.6	0.0	-38.1	62	78
2070	2,021	4,177	-12.5	-0.9	-30.6	0.0	-39.8	60	77
2080	2,019	4,668	-14.9	-0.9	-30.6	0.0	-41.5	59	77

Average of highest 35 years of earnings wage indexed to 2010.

All estimates based on the intermediate assumptions of the 2010 Trustees Report.

² After trust fund exhaustion under present law continuing taxes are expected to be enough to pay about three fourths of scheduled benefits.

³ Index NRA to Longevity increasing 1 month every 2 years

⁴ Starting Dec 2011, compute the COLA using a chained CPI-W, producing 0.3% lower annual COLAs on average.

⁵ New Bend Point at 50th Percentile career-average earnings level, Reduced PIA Factors 90/30/10/5 by 2050.

⁶ Increase the PIA to a level such that a worker with 30 years of earnings at the minimum wage level would receive an adjusted PIA equal to 125% of monthly poverty level in 2009, CPI-index from 2009-2017 then wage-indexed. This provision would take full effect for all newly eligible workers in 2017

Fiscal Commission Co-Chairs' Proposal 1b For Worker Retiring (Stops Working) at age 65 with Indicated Career Earnings Level

Proposal Benefit as Percent of Present Law Scheduled						
Year		-				
Attain	A	A 75	. 0-2	A 05		
Age 65	<u>Age 65</u>	Age 75	Age 85 ²	<u>Age 95</u>		
		*	cents)			
2010		Scaled Very Low Ear	ner (\$10,771 for 2010 ¹)			
2010 2020	1247	120.0	122.1	129.6		
2020	134.7 133.0	130.8 129.1	132.1 130.4	129.6		
2030	128.7	125.0	126.2	127.9		
2050	124.4	120.8	120.2	119.6		
2060	124.4	117.6	118.8	116.5		
2070						
2080	117.9 114.6	114.5 111.3	115.6 112.4	113.4 110.3		
2080	114.0	111.5	112.4	110.3		
		Scaled Low Earner	(\$19,388 for 2010 ¹)			
2010						
2020	103.0	100.0	101.0	99.0		
2030	101.7	98.7	99.7	97.8		
2040	98.4	95.5	96.5	94.6		
2050	95.1	92.3	93.3	91.4		
2060	92.6	89.9	90.8	89.1		
2070	90.1	87.5	88.4	86.7		
2080	87.6	85.1	86.0	84.3		
			(0.42.00.4.620.10)			
2010		Scaled Medium Earn	er (\$43,084 for 2010 ¹)			
2010	00.0	0.6.1	07.0	05.1		
2020	98.9	96.1	97.0	95.1		
2030 2040	95.4 90.1	92.6 87.5	93.5 88.3	91.7		
2050	84.9	82.5	83.3	86.6 81.7		
2060	82.1	79.7	80.5	78.9		
2070	79.9	79.7 77.6	78.4	76.8		
2080	77.7	75.5	76.2	74.7		
2080	77.7	13.3	70.2	74.7		
		Scaled High Earner	(\$68,934 for 2010 ¹)			
2010						
2020	98.5	95.6	96.6	94.7		
2030	90.7	88.1	88.9	87.2		
2040	81.4	79.1	79.9	78.3		
2050	72.6	70.5	71.2	69.8		
2060	68.9	66.9	67.6	66.3		
2070	67.1	65.1	65.8	64.5		
2080	65.2	63.3	64.0	62.7		
		Ct. J. M	(\$10.C 000 f 2010 ¹)			
2010		Steady Maximum Earl	ner (\$106,800 for 2010 ¹)			
2020	98.2	95.4	96.4	94.5		
2030	88.1	85.6	86.5	84.8		
2040	76.7	74.5	75.3	73.8		
2050	66.0	64.1	64.7	63.4		
2060	61.9	60.1	60.7	59.5		
2070	60.2	58.5	59.1	57.9		
2080	58.5	56.9	57.4	56.3		

¹ Average of highest 35 years of earnings wage indexed to 2010.

New Bend Point at 50th Percentile career-average earnings level, Reduced PIA Factors 90/30/10/5 by 2050.

Increase the PIA to a level such that a worker with 30 years of earnings at the minimum wage level would receive an adjusted PIA equal to 125% of monthly poverty level in 2009, CPI-index from 2009-2017 then wage-indexed. This provision would take full effect for all newly eligible workers in 2017.

All estimates based on the intermediate assumptions of the 2010 Trustees Report.

Office of the Actuary Social Security Administration November 9, 2010

² Increase the benefit by 5% beginning 20 years after eligibility and phased in over five years starting in 2011 Note: Starting Dec 2011, compute the COLA using a chained CPI-W, producing 0.3% lower annual COLAs on average. Other Changes: Index NRA to Longevity increasing 1 month every 2 years.