

Annual Recalulation and Decision on Upcoming annual SSA

Update on 11/30/2024

Spreadsheet to see if our SSA can increase by more than inflation.

Do we have More-Than-Enough for our current SSA? If so, I will calculate to a real increase in our SSA.

Note: On Nov 30, 2022, I used my Reserve for SSA for our 2023 spending: I sold only the bonds in my Reserve for 2023 spending. I therefore do not show a withdrawal from my Investment Portfolio. It starts the Dec 1 for the next year with the same value as it was on Nov 30.

I enter the numbers for the year in the yellow cells and the spreadsheet calculates the rest.

Basis: \$1 M starting Investment Portfolio

Spending Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Year-end Date for Calculation	12/15/14	12/15/15	12/15/16	11/30/17	11/30/18	11/30/19	11/30/20	11/30/21	11/30/22	11/30/23	11/29/24
Portfolio before withdrawal	1,000,000	944,643	1,002,100	1,137,454	1,094,775	1,185,527	1,293,026	1,458,047	1,227,769	1,347,730	1,583,715
Memo: Real (infl adj) amt (rounded)	1,000,000	944,600	999,100	1,111,800	1,041,000	1,109,500	1,194,600	1,272,000	985,400	1,048,100	1,201,600
SSA Withdrawal	44,000	44,000	46,100	54,000	55,500	57,500	62,700	73,600	80,000	82,600	87,100
Memo: Inflation adj amt (rounded)	44,000	44,000	46,000	52,800	52,800	53,800	57,900	64,200	64,200	64,200	66,100
Invest Portfolio after withdrawal	956,000	900,643	956,000	1,083,454	1,039,275	1,128,027	1,230,326	1,384,447	1,227,769	1,265,130	1,496,615
<b>End of Year Calculations</b>											
Inflation in Yr (SS COLA% increase)	na	0.0%	0.3%	2.0%	2.8%	1.6%	1.3%	5.9%	8.7%	3.2%	2.5%
Memo: Cum Inflation factor	1.000	1.000	1.003	1.023	1.052	1.069	1.082	1.146	1.246	1.286	1.318
<b>A Inflation Adjust Prior SSA (rounded)</b>		44,000	44,100	47,000	55,500	56,400	58,200	66,400	80,000	82,600	84,700
Memo: Orig SSA, nominal dollars		44,000	44,130	45,010	46,280	47,020	47,630	50,440	54,820	56,580	57,990
Invest Portfolio Return Pct for last 12 mos.		-1.19%	11.27%	18.98%	1.04%	14.07%	14.63%	18.51%	-11.32%	9.77%	25.18%
Memo: Dollar Change in Year (rounded)		(11,400)	101,500	181,500	11,300	146,300	165,000	227,700	(156,700)	120,000	318,600
Current Portfolio prior to withdrawal		944,643	1,002,100	1,137,454	1,094,775	1,185,527	1,293,026	1,458,047	1,227,769	1,347,730	1,583,715
SSR% that we might be able to use	4.40%	4.50%	4.60%	4.75%	4.75%	4.85%	4.85%	5.05%	5.05%	5.30%	5.50%
Memo: Patti's age nearest calc date	67	68	69	70	71	72	73	74	75	76	77
Life Expectancy Years (to end of yr)	19 (2033)	18 (2033)	17 (2033)	16 (2033)	16 (2034)	15 (2034)	15 (2035)	14 (2035)	14 (2036)	13 (2036)	12 (2036)
<b>B Calculated potential new SSA (rounded)</b>	na	42,500	46,100	54,000	52,000	57,500	62,700	73,600	62,000	71,400	87,100
<b>Is B &gt; A?</b>		NO	YES	YES	NO	YES	YES	YES	NO	NO	YES
<b>SSA for Upcoming Yr (enter A or B)</b>	44,000	44,000	46,100	54,000	55,500	57,500	62,700	73,600	80,000	82,600	87,100
SSA nominal % change from start		0%	5%	23%	26%	31%	43%	67%	82%	88%	98%
SSA in constant spending power	44,000	44,000	46,000	52,800	52,800	53,800	57,900	64,200	64,200	64,200	66,100
Real annual increase in SSA		-	5%	15%	-	2%	8%	11%	-	-	3.0%
Real % change from initial SSA		0%	5%	20%	20%	22%	32%	46%	46%	46%	50%
Calculation date		12/15/15	12/15/16	11/30/17	11/30/18	11/30/19	11/30/20	11/30/21	11/30/22	11/30/23	12/1/23
Invest Portfolio needed for same real spending as prior year		977,778	958,696	989,474	1,168,421	1,162,887	1,200,000	1,314,851	1,584,158	1,558,491	1,540,000
More-Than-Enough for the same real spending as prior year (rounded)		(33,135)	43,400	148,000	(73,600)	22,600	93,000	143,200	(356,400)	(210,800)	43,700
More-Than-Enough rel. to initial \$44k		(33,135)	43,400	189,875	120,459	216,042	310,964	459,235	142,224	280,183	529,351
<b>Our total SSA using our Multiplier</b>											
<b>Return Rate Calculation (date)</b>		12/15/15	12/15/16	11/30/17	11/30/18	11/30/19	11/30/20	11/30/21	11/30/22	11/30/23	11/29/24
Stocks 12 mo. return (for our weights FSKAX, VXUS)		-1.53%	12.72%	21.52%	1.40%	14.71%	15.99%	21.94%	-11.22%	11.25%	28.30%
Bonds 12 mo. return (for our weights IUSB, BNDX)		0.75%	3.02%	4.59%	-0.99%	10.49%	6.89%	-0.93%	-11.90%	1.41%	7.54%
<b>Total return using our mix of S and B</b>		-1.19%	11.27%	18.98%	1.04%	14.07%	14.63%	18.51%	-11.32%	9.77%	25.18%
Memo: Real return		-1.19%	10.93%	16.65%	-1.71%	12.28%	13.16%	11.91%	-18.41%	6.37%	22.13%
Comp Aver Growth Rate (CAGR) since Dec 2014		-1.2%	4.7%	8.5%	5.9%	7.1%	8.1%	8.6%	4.8%	5.0%	6.6%
Expected real rate on our portfolio is ~6.4%: assumes 7.1% for stocks and 2.4% for bonds											

5.50%  
78  
12(2037)