

Annual Recalutation and Decision on Upcoming annual SSA

Update on 12/1/2024

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.

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

Basis: \$1 M starting Investment Portfolio

Note: On No 30, 2023, I used my Reserve for SSA for our 2024 spending: I sold only the bonds in my Reserve for 2024 spending. I therefore do not show a withdrawal from my Investment Portfolio. It starts the Dec 1 for the next

Spending Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
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
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
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
SSA Withdrawal	44,000	44,000	46,100	54,000	55,500	57,500	62,700	73,600	80,000	82,600
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
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
End of Year Calculations										
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%
Memo: Cum Inflation factor	1.000	1.000	1.003	1.023	1.052	1.069	1.082	1.146	1.246	1.286
A Inflation Adjust Prior SSA (rounded)		44,000	44,100	47,000	55,500	56,400	58,200	66,400	80,000	82,600
Memo: Orig SSA, nominal dollars		44,000	44,130	45,010	46,280	47,020	47,630	50,440	54,820	56,580
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%
Memo: Dollar Change in Year (rounded)		(11,400)	101,500	181,500	11,300	146,300	165,000	227,700	(156,700)	120,000
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
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%
Memo: Patti's age nearest calc date	67	68	69	70	71	72	73	74	75	76
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)
B Calculated potential new SSA (rounded)	na	42,500	46,100	54,000	52,000	57,500	62,700	73,600	62,000	71,400
Is B > A?		NO	YES	YES	NO	YES	YES	YES	NO	NO
SSA for Upcoming Yr (enter A or B)	44,000	44,000	46,100	54,000	55,500	57,500	62,700	73,600	80,000	82,600
SSA nominal % change from start		0%	5%	23%	26%	31%	43%	67%	82%	88%
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
Real annual increase in SSA		-	5%	15%	-	2%	8%	11%	-	-
Real % change from initial SSA		0%	5%	20%	20%	22%	32%	46%	46%	46%
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	
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
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)
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
Our total SSA using our Multiplier										
Return Rate 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	
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%
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%
Total return using our mix of S and B		-1.19%	11.27%	18.98%	1.04%	14.07%	14.63%	18.51%	-11.32%	9.77%
Memo: Real return		-1.19%	10.93%	16.65%	-1.71%	12.28%	13.16%	11.91%	-18.41%	6.37%
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%
Expected real rate on our portfolio is ~6.4%: assumes 7.1% for stocks and 2.4% for bonds										

This table starts with \$1 million Investment Portfolio in Dec 2014. Nine withdrawals prior to this year total \$479700 in constant spending power. The spending power of our portfolio before the withdrawal this year is \$1.049 million or 4.9%