

Annual Recalulation and Decision on Upcoming annual SSA

12/1/20

Spreadsheet to see if our SSA can increase by more than inflation. Do we have More-Than-Enough for our current SSA?

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

Basis: \$1 M starting Invest Portfolio (Total net of Reserve).

Spending Year	2015	2016	2017	2018	2019	2020	2021	2022
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
Invest Portfolio before withdrawal	1,000,000	944,643	1,002,100	1,137,454	1,094,775	1,185,527	1,293,026	
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	
SSA Withdrawal	44,000	44,000	46,100	54,000	55,500	57,500	62,200	
Memo: Inflation adj amt (rounded)	44,000	44,000	46,000	52,800	52,800	53,800	57,500	
Invest Portfolio after withdrawal	956,000	900,643	956,000	1,083,454	1,039,275	1,128,027	1,230,826	
End of Year Calculations								
Inflation in Yr (SS % increase)	na	0.0%				1.6%	1.3%	
Memo: Cum Inflation factor	1.000	1.000				1.069	1.082	
A Inflation Adjust Prior SSA (rounded)		44,000				56,400	58,200	
Memo: Orig SSA adjusted for inflation		44,000				47,020	47,630	
Our Return Pct for last 12 mos.		-1.19%	11.27%	18.98%	1.04%	14.07%	14.63%	
Memo: Dollar Change in Year (rounded)		(11,400)	101,500	181,500	11,300	146,300	165,000	
Current Portfolio prior to withdrawal		944,643	1,002,100	1,137,454	1,094,775	1,185,527	1,293,026	
SSR% that we might be able to use	4.40%	4.50%	4.60%	4.75%	4.75%	4.85%	4.85%	5.05%
Memo: Patti's age nearest calc date	67	68	69	70	71	72	73	74
Life Expectancy Years (to end of yr)	19 (2033)	18 (2033)	17 (2033)	16 (2033)	16 (2034)	15 (2034)	15 (2035)	14 (2035)
B Calculated potential new SSA (rounded)	na	42,500	46,100	54,000	52,000	57,500	62,700	
Is B > A?		NO	YES	YES	NO	YES	YES	
SSA for Upcoming Yr (enter A or B)	44,000	44,000	46,100	54,000	55,500	57,500	62,700	
SSA nominal % change from start		0%	5%	23%	26%	31%	43%	
SSA in constant spending power	44,000	44,000	46,000	52,800	52,800	53,800	57,900	
Real % change from initial SSA			5%	20%	20%	22%	32%	
Calculation date			12/15/16	11/30/17	11/30/18	11/30/19	11/30/20	
Invest Portfolio needed for spending as prior year			958,696	989,474	1,160,000	1,160,000	1,000,000	
More-Than-Enough for the real spending as prior year (rounded)		(33,135)	43,400	148,000	(60,000)	(60,000)	93,000	
More-Than-Enough rel. to initial \$44k		(33,135)	43,400	189,875	120,459	216,042	310,964	
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	
Stocks 12 mo. return (our weights FSKAX, VXUS)		-1.53%	12.72%	21.52%	1.40%	14.71%	15.99%	
Bonds 12 mo. return (our weights IUSB, BNDX)		0.75%	3.02%	4.59%	-0.5%	1.10%	6.89%	
Total return using our mix of S and B		-1.19%	11.27%	18.98%	1.0%	13.2%	14.63%	
Memo: Real return		-1.19%	10.93%	16.65%	-1.7%	13.16%	13.16%	
Compound average real growth rate (CAGR)						7.1%	10.3%	
Expect real rate on our portfolio							6.5%	

Increase in our Investment Portfolio before withdrawal last year = \$85,000 over last 12 months = +7.5% increase.

+19% more spending power in our Investment Portfolio before our upcoming withdrawal than before our first withdrawal for spending in December 2014.

SSA to withdraw for spending for 2021 increases by \$4,100 in real spending power = +7.5% more than prior year.

Withdrawals in real spending power total to \$290,000 over the first six years = to 29% of an assumed \$1 million initial Investment Portfolio.

Our SSA for 2021 is 32% more in real spending power than for our first spending year in 2015.

+10% CAGR in our portfolio over six years.

Real Portfolio return = 13.2% for last 12 months.