Retirement Wealth $\Lambda dvisors$

MM60

Prepared For John and Sue Smith

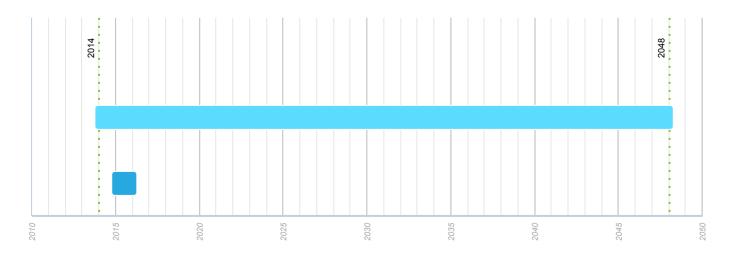
Prepared By Investment Advisor

Apr 29, 2014

Goals

Timeline	Date
John Smith's Birthday	06/01/1961
Sue Smith's Birthday	06/01/1963
Simulation Start	2014 (John Smith's age: 53)
Plan End Year	2048 (John Smith's age: 87)

^{*}Monte Carlo simulation begins in the current year and ends in the latest year of all the goals associated with this plan.



Retirement Goals	Start Year	End Year	Total Years	Annual Amount	Inflation Rate
\$70,000	2014	2048	35	\$70,000	3.00%
College Tuition	2015	2016	2	\$25,000	0.00%

^{*}Goals are stated on an after-tax, annual basis, in Today's Dollars.

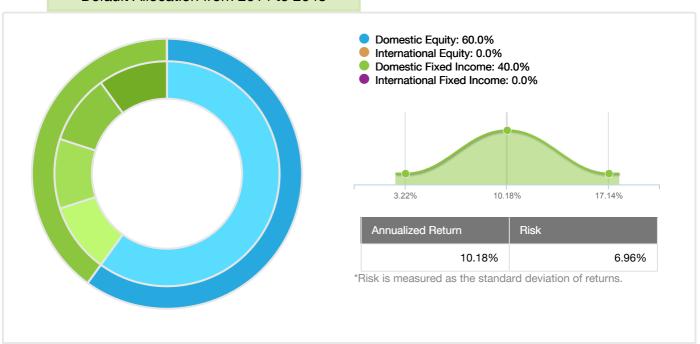
Goal Totals	Today's Dollars	Future Dollars
Retirement	\$2,500,000	\$4,282,346

 $^{^{\}star}$ Today's Dollars is the sum of the annual amounts, without inflation, over the specified time period.

^{*}Future Dollars is the sum of the annual amounts, adjusted for inflation, over the specified time period.

Portfolio Allocations

Default Allocation from 2014 to 2048

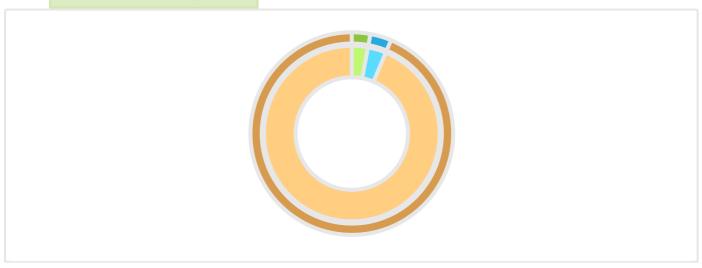


Domestic Equity	Percentage	Domestic Fixed Income	Percentage
Total US Mkt	60.00%	US Short Gov	10.00%
Total Domestic Equity:	60.00%	US Interm Gov	10.00%
		US Interm Corp	10.00%
		US High Yield	10.00%
		Total Domestic Fixed Income:	40.00%

International Equity	Percentage	International Fixed Income	Percentage
No international equity allocations.		No international fixed income allocations.	

Portfolio Accounts

Total Value \$169,476



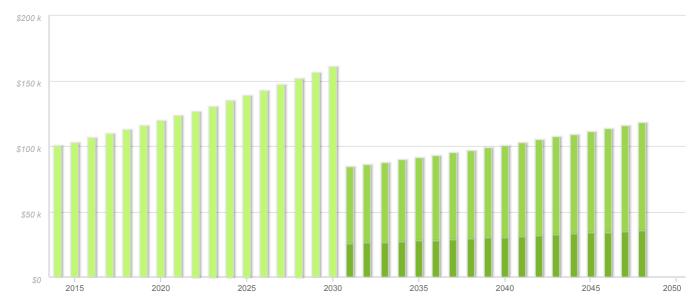
Tax Deferred Accounts	Account Number	Cost Basis	Value
IRA-John		\$0	\$5,000
Total Tax Deferred:		\$0	\$5,000

Tax Free Accounts	Account Number	Cost Basis	Value
Roth- Sue		\$0	\$5,735
	Total Tax Free:	\$0	\$5,735

Taxable Accounts	Account Number	Cost Basis	Value
Joint Account		\$152,013	\$158,741
Total Taxable:		\$152,013	\$158,741

All Accounts	Cost Basis	Value
Total:	\$152,013	\$169,476

Income



Social Security Income	Start Year	End Year	Total Years	Annual Amount	Inflation Rate
Salary- John	2014	2030	17	\$100,000	3.00%
Social Security John	2031	2048	18	\$42,000	2.00%
Social Security Sue	2031	2048	18	\$18,180	2.00%

Income Totals	Today's Dollars	Future Dollars
Social Security	\$2,783,240	\$3,980,500

Tax Rates

Income Tax	Start Year	End Year	Total Years	Tax Rate Percentage
Combined Federal and State Income Tax Rate	2014	2048	35	20.00%

Capital Gains Tax	Start Year	End Year	Total Years	Tax Rate Percentage
Combined Federal and State Capital Gains Tax Rate	2014	2048	35	15.00%

Plan Analysis

Benchmark Analysis



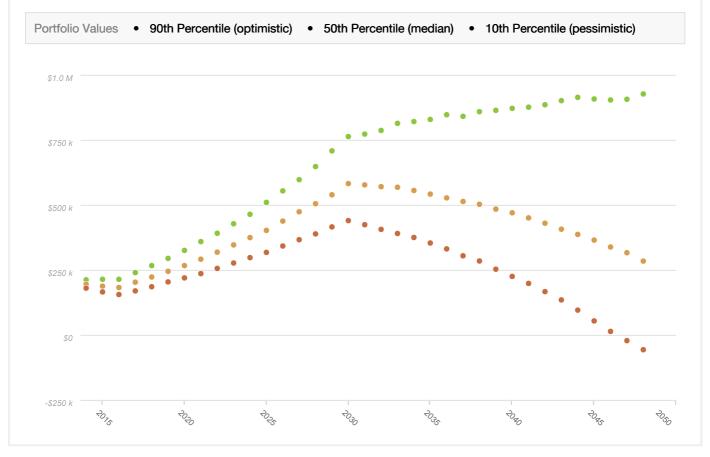
84%

You have a 84% probability of attaining your outlined goals. This means that of the 1000 simulations run, approximately 840 were able to meet all of their goals.

The analysis has returned an likely probability. A likely probability is a result between 75% and 90%. We feel that the assumptions of this analysis provide a sufficient probability of success without being overly cautious. This analysis is sensitive to changes in the underlying assumptions. As such, you should review your *Personal Benchmark Analysis*® on a periodic basis to ensure a consistent likely result.

Wealth Over Time

The Wealth Over Time graph illustrates simulated ending portfolio values in Today's Dollars, for specific percentiles throughout the plan. Each ending portfolio value shown in this graph is discounted by 3% per year to arrive at a present value. In each year of the plan, the Monte Carlo engine calculates 1000 different ending portfolio values using the inputs and assumptions outlined in this plan. Those 1000 values, for each year, are listed in a rank order, from lowest to highest value. It is the 100th (10th percentile), 500th (50th percentile), and 900th (90th percentile) ending portfolio value, for each year, that is displayed in this graph. As such, the graph helps to show the range of ending portfolio results that are possible at any given year in the plan.



Cumulative Wealth Summary



50th Percentile \$283,974

10th Percentile -\$56,765

Cumulative Wealth Summary Explanation

The above three values illustrate the cumulative values for three different percentiles, in today's dollars. The cumulative value is the simulated ending portfolio value in the last year of the plan, which is then discounted by 3% inflation to provide an estimate of today's purchasing power. 1,000 simulations have been run for this analysis and the percentiles represent the rank order cumulative values of these simulations. For example, at the **optimistic** (90th) percentile 900 (90%) of the 1,000 simulations returned a result below this value. 100 returned a result higher than this value.

The optimistic (90th) percentile represents consistently better than expected investment returns. The pessimistic (10th) percentile represents consistently worse than expected investment returns. The median should be understood as the mid point at which half of the simulations ended in a cumulative value higher than this value, and half resulted in a cumulative value lower than this value.

Shortfall Analysis

Median Age at Shortfall	Median Shortfall Amount
85	\$82,123

The shortfall analysis shows the median age and the median ending portfolio value (discounted to today's dollars) of all the simulations that were not successful. Across 1000 simulations, 162 simulations (16.2%) had a shortfall where the plan's goals were not met. The median age when the shortfalls occurred in this plan is 85 years old, and the median shortfall amount is \$82,123.24. The ending portfolio value is discounted at 3% each year to arrive at the simulation's shortfall amount.

Cash Flow

Year	Beginning Portfolio Value	Total Net Income	Total Net Goals	Excess Income + Contributions (after satisfying goals)	Gross Taxable Distributions	Gross Tax- Deferred Distributions	Tax-Exempt Distributions	Total Gross Distributions	Total Capital Gains Taxes	Total Income Taxes	Simulated Net Return	Ending Portfolio Value (Future Dollars)
2014	\$169,476	\$80,000	\$70,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$20,000	15.87%	\$207,959
2015	\$207,959	\$82,400	\$97,100	\$0	\$15,088	\$0	\$0	\$15,088	\$388	\$20,600	(0.68%)	\$191,563
2016	\$191,563	\$84,872	\$99,263	\$0	\$14,758	\$0	\$0	\$14,758	\$367	\$21,218	14.36%	\$202,197
2017	\$202,197	\$87,418	\$76,491	\$10,927	\$0	\$0	\$0	\$0	\$0	\$21,855	2.55%	\$218,559
2018	\$218,559	\$90,041	\$78,786	\$11,255	\$0	\$0	\$0	\$0	\$0	\$22,510	(0.97%)	\$227,575
2019	\$227,575	\$92,742	\$81,149	\$11,593	\$0	\$0	\$0	\$0	\$0	\$23,185	20.02%	\$287,052
2020	\$287,052	\$95,524	\$83,584	\$11,941	\$0	\$0	\$0	\$0	\$0	\$23,881	12.54%	\$336,497
2021	\$336,497	\$98,390	\$86,091	\$12,299	\$0	\$0	\$0	\$0	\$0	\$24,597	(3.65%)	\$336,080
2022	\$336,080	\$101,342	\$88,674	\$12,668	\$0	\$0	\$0	\$0	\$0	\$25,335	8.84%	\$379,568
2023	\$379,568	\$104,382	\$91,334	\$13,048	\$0	\$0	\$0	\$0	\$0	\$26,095	11.85%	\$439,124
2024	\$439,124	\$107,513	\$94,074	\$13,439	\$0	\$0	\$0	\$0	\$0	\$26,878	3.07%	\$466,473
2025	\$466,473	\$110,739	\$96,896	\$13,842	\$0	\$0	\$0	\$0	\$0	\$27,685	6.25%	\$510,340
2026	\$510,340	\$114,061	\$99,803	\$14,258	\$0	\$0	\$0	\$0	\$0	\$28,515	11.62%	\$585,532
2027	\$585,532	\$117,483	\$102,797	\$14,685	\$0	\$0	\$0	\$0	\$0	\$29,371	5.13%	\$631,028
2028	\$631,028	\$121,007	\$105,881	\$15,126	\$0	\$0	\$0	\$0	\$0	\$30,252	7.13%	\$692,247
2029	\$692,247	\$124,637	\$109,058	\$15,580	\$0	\$0	\$0	\$0	\$0	\$31,159	10.04%	\$778,923
2030	\$778,923	\$128,377	\$112,329	\$16,047	\$0	\$0	\$0	\$0	\$0	\$32,094	23.29%	\$980,150
2031	\$980,150	\$67,413	\$115,699	\$0	\$53,543	\$0	\$0	\$53,543	\$5,257	\$16,853	0.11%	\$927,669
2032	\$927,669	\$68,761	\$119,170	\$0	\$55,238	\$747	\$0	\$55,985	\$5,427	\$17,340	10.02%	\$958,994

Year	Beginning Portfolio Value	Total Net Income	Total Net Goals	Excess Income + Contributions (after satisfying goals)	Gross Taxable Distributions	Gross Tax- Deferred Distributions	Tax-Exempt Distributions	Total Gross Distributions	Total Capital Gains Taxes	Total Income Taxes	Simulated Net Return	Ending Portfolio Value (Future Dollars)
2033	\$958,994	\$70,137	\$122,745	\$0	\$57,917	\$819	\$0	\$58,735	\$5,963	\$17,698	2.77%	\$925,189
2034	\$925,189	\$71,539	\$126,428	\$0	\$60,526	\$838	\$0	\$61,364	\$6,308	\$18,052	6.60%	\$920,856
2035	\$920,856	\$72,970	\$130,221	\$0	\$63,317	\$890	\$0	\$64,207	\$6,779	\$18,420	14.47%	\$980,641
2036	\$980,641	\$74,430	\$134,127	\$0	\$66,350	\$1,014	\$0	\$67,364	\$7,464	\$18,810	10.51%	\$1,009,266
2037	\$1,009,266	\$75,918	\$138,151	\$0	\$69,394	\$1,115	\$0	\$70,510	\$8,054	\$19,203	10.19%	\$1,034,423
2038	\$1,034,423	\$77,437	\$142,296	\$0	\$72,530	\$1,218	\$0	\$73,748	\$8,645	\$19,603	6.83%	\$1,026,275
2039	\$1,026,275	\$78,985	\$146,564	\$0	\$75,718	\$1,294	\$0	\$77,012	\$9,174	\$20,005	5.19%	\$998,556
2040	\$998,556	\$80,565	\$150,961	\$0	\$79,003	\$1,348	\$0	\$80,351	\$9,685	\$20,411	19.10%	\$1,093,598
2041	\$1,093,598	\$82,176	\$155,490	\$0	\$82,523	\$1,588	\$0	\$84,111	\$10,479	\$20,862	7.93%	\$1,089,574
2042	\$1,089,574	\$83,820	\$160,155	\$0	\$86,052	\$1,695	\$0	\$87,747	\$11,073	\$21,294	(7.21%)	\$929,622
2043	\$929,622	\$85,496	\$164,960	\$0	\$89,601	\$1,554	\$0	\$91,155	\$11,381	\$21,685	2.08%	\$855,945
2044	\$855,945	\$87,206	\$169,908	\$0	\$93,350	\$1,567	\$0	\$94,917	\$11,901	\$22,115	8.87%	\$828,514
2045	\$828,514	\$88,950	\$175,006	\$0	\$97,290	\$1,684	\$0	\$98,974	\$12,582	\$22,574	7.11%	\$781,437
2046	\$781,438	\$90,729	\$180,256	\$0	\$101,360	\$1,767	\$0	\$103,127	\$13,247	\$23,036	8.63%	\$736,864
2047	\$736,864	\$92,544	\$185,663	\$0	\$105,577	\$1,879	\$0	\$107,456	\$13,960	\$23,512	20.09%	\$755,864
2048	\$755,864	\$94,395	\$191,233	\$0	\$109,938	\$2,206	\$0	\$112,144	\$14,864	\$24,040	20.52%	\$775,790

Disclosure

There are no warranties, expressed or implied, as to accuracy, completeness, or results obtained from any information on this presentation. The underlying historical index return series data is provided by Thompson Reuters and is believed to be accurate; however, we cannot guarantee accuracy of this data. These performance and analysis figures are for information purposes only and do not constitute an offer to sell or a solicitation of an offer to buy a security. The actual results of a specific investment product may differ from the proxy returns used by inStream Solutions, LLC. Past returns of indices are not an indication of future performance. Past performance is no guarantee of future performance. It is not possible to invest directly in an index. No investor has achieved the exact performance results presented.

Annual average returns and annual standard deviation per asset class are calculated from the inception date of each asset class's respective index proxy. A matrix of proxy indices with its annual average return since inception, annual standard deviation since inception, and the index inception date is listed on Appendix A. Some asset classes exhibit more volatility than others, which can lead to higher standard deviations. It is assumed that equity index returns are gross of dividends, unless noted. Average dividend yields per asset class are obtained where possible and assessed income taxes based upon the percentage of exposure to that asset class and the tax assumptions used in this presentation. This estimated average dividend income tax liability is deducted from the simulated expected returns used in the statistical analysis. The expected returns used in the Monte Carlo statistical analysis are also net of fees and portfolio expenses. Both fees and portfolio expenses are inputs entered by the user, and inStream cannot guarantee the inclusion of, or accuracy of the fees, or portfolio expenses used in any plan.

The purpose of the wealth over time graph is to illustrate the volatile range of possible ending portfolio values at any given year within the duration of a plan. It is possible to experience ending portfolio values outside of the range displayed in this graph. The wealth over time graph does not display simulated paths of the plan; rather, it displays specific simulated percentiles of ending portfolio values, year-over-year. It is not possible to predict the plan's probability of success based upon the data displayed in this graph.

The cash flow report follows a single simulated path that ends at the 50th percentile cumulative wealth value. The cash flow report is for illustrative purposes only, and is a sample of the underlying logic used to simulate the plan's probability of success. Using a single simulated path is not adequate to calculate a plan's probability of success. The 50th percentile cumulative wealth value may be understood as the middle point where half of the plan's simulated cumulative wealth values ended lower than the 50th percentile cumulative wealth value, and the other half ended higher than the 50th percentile cumulative wealth value. The expected returns displayed in the cash flow report are shown net of fees, portfolio expenses, and estimated dividend tax liability. The simulated net returns are only applied to the accounts within a tax category that is not overdrawn (i.e., the aggregate value of the accounts in the tax category is positive).

It is assumed that the portfolio is rebalanced annually to the allocation model selected for the given time period, so as not to drift excessively from the allocation. Many of the variables used in the calculation of the *Personal Benchmark Analysis®* are set by the licensed user. The variables used (such as cash flow assumptions, time periods, inflation rates, tax rates, and others) may greatly impact the results of the *Personal Benchmark Analysis®*. Results presented in the *Personal Benchmark Analysis®* have not been examined, endorsed, or validated, in any way, by inStream Solutions, <u>LLC.</u>, and inStream Solutions, <u>LLC.</u> cannot be held liable for any *Personal Benchmark Analysis®* or any other report that is deemed misleading or misrepresentative, and that is generated by a user through inStream Solutions, <u>LLC.</u>'s software application(s).

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