

Steve and Andrea Financial Goal Plan

## Steve and Andrea Sample



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IMPORTANT: The projections or other information generated by MoneyGuideElite regarding the likelihood of various investment outcomes are hypothetical in nature, do not reflect actual investment results, and are not guarantees of future results.

The return assumptions in MoneyGuideElite are not reflective of any specific product, and do not include any fees or expenses that may be incurred by investing in specific products. The actual returns of a specific product may be more or less than the returns used in MoneyGuideElite. It is not possible to directly invest in an index. Financial forecasts, rates of return, risk, inflation, and other assumptions may be used as the basis for illustrations. They should not be considered a guarantee of future performance or a guarantee of achieving overall financial objectives. Past performance is not a guarantee or a predictor of future results of either the indices or any particular investment.

MoneyGuideElite results may vary with each use and over time.

### MoneyGuideElite Assumptions and Limitations

### Information Provided by You

Information that you provided about your assets, financial goals, and personal situation are key assumptions for the calculations and projections in this Report. Please review the Report sections titled "Personal Information and Summary of Financial Goals", "Current Portfolio Allocation", and "Tax and Inflation Options" to verify the accuracy of these assumptions. If any of the assumptions are incorrect, you should notify your Financial Advisor. Even small changes in assumptions can have a substantial impact on the results shown in this Report. The information provided by you should be reviewed periodically and updated when either the information or your circumstances change.

All asset and net worth information included in this Report was provided by you or your designated agents, and is not a substitute for the information contained in the official account statements provided to you by custodians. The current asset data and values contained in those account statements should be used to update the asset information included in this Report, as necessary.

### Assumptions and Limitations

MoneyGuideElite offers several methods of calculating results, each of which provides one outcome from a wide range of possible outcomes. All results in this Report are hypothetical in nature, do not reflect actual investment results, and are not guarantees of future results. All results use simplifying assumptions that do not completely or accurately reflect your specific circumstances. No Plan or Report has the ability to accurately predict the future. As investment returns, inflation, taxes, and other economic conditions vary from the MoneyGuideElite assumptions, your actual results will vary (perhaps significantly) from those presented in this Report.

All MoneyGuideElite calculations use asset class returns, not returns of actual investments. The average annual historical returns are calculated using the indices contained in this Report, which serve as proxies for their respective asset classes. The index data are for the period 1990 - 2022. The portfolio returns are calculated by weighting individual return assumptions for each asset class according to your portfolio allocation. The portfolio returns may have been modified by including adjustments to the total return and the inflation rate. The portfolio returns assume reinvestment of interest and dividends at net asset value without taxes, and also assume that the portfolio has been rebalanced to reflect the initial recommendation. No portfolio rebalancing costs, including taxes, if applicable, are deducted from the portfolio value. No portfolio allocation eliminates risk or guarantees investment results.

MoneyGuideElite does not provide recommendations for any products or securities.

Asset Class Name	Historical Return Index
Cash & Cash Alternatives	Citigroup 3-month Treasury Bill (1979-2022)
Cash & Cash Alternatives (Tax-Free)	U.S. 30-Day Treasury Bill adjusted by Donoghue TF discount (1970-1981) Tax-Free Money Market Average (1982-2022)
Short Term Bonds	50% Ibbotson U.S. Treasury Bills and 50% Ibbotson Intermediate-Term Government Bonds (1970-1978) BofA Merrill Lynch 1-3 Year Govt Bonds (1979-2022)
Short Term Bonds (Tax-Free)	50% lbbotson U.S. T-Bill and 50% lbbotson Intermediate-Term Government Bonds adjusted by Barclays Capital 3-year Muni discount (1970-1990) Barclays Capital 3-year Muni Bonds (1991-2022)
Intermediate Term Bonds	lbbotson Intermediate Govt Bond (1970-1975) Barclays Capital Intermediate Aggregate Bond (1976-2022)
Intermediate Term Bonds (Tax-Free)	lbbotson Long-Term Government Bonds - Total Return adjusted by Barclays Capital 10-year Muni discount (1970-1979) Barclays Capital 10-year Muni Bonds (1980-2022)
Long Term Bonds	Barclays Capital Long Term Gvt/Credit Index (1973-2022)
Long Term Bonds (Tax-Free)	lbbotson Long-Term Government Bonds - Total Return adjusted by Barclays Capital Long Muni Bonds discount (1970-1980) Barclays Capital Long Muni Bonds (1981-2022)
Large Cap Value Stocks	S&P 500 Composite Total Return (1970-1994) S&P 500 Value Total Return(1995-2022)
Large Cap Growth Stocks	S&P 500 Composite Total Return (1970-1994) S&P 500 Growth Total Return (1995-2022)
Mid Cap Stocks	S&P 500 Composite Total Return (1970-1979) Russell Midcap (1980-2022)
Small Cap Stocks	Russell 1000 Growth (1979-2022)
International Developed Stocks	MSCI EAFE Equity (1970-2022)
International Emerging Stocks	MSCI EAFE Equity (1970-1975) IFC Global Emerging Markets Index (1976-1987) MSCI EM (Emerging Markets) (1988-2022)

Asset Class Name	Historical Return Index
REITs	FTSE NAREIT REIT - All (Price and Income) (1973-2022)
Commodities	S&P GSCI (Commodity) Index (1970-2022)
Fixed Index	N/A
3% Fixed	N/A

### **Risks Inherent in Investing**

Investing in fixed income securities involves interest rate risk, credit risk, and inflation risk. Interest rate risk is the possibility that bond prices will decrease because of an interest rate increase. When interest rates rise, bond prices and the values of fixed income securities fall. When interest rates fall, bond prices and the values of fixed income securities rise. Credit risk is the risk that a company will not be able to pay its debts, including the interest on its bonds. Inflation risk is the possibility that the interest paid on an investment in bonds will be lower than the inflation rate, decreasing purchasing power.

Cash alternatives typically include money market securities and U.S. treasury bills. Investing in such cash alternatives involves inflation risk. In addition, investments in money market securities may involve credit risk and a risk of principal loss. Because money market securities are neither insured nor guaranteed by the Federal Deposit Insurance Corporation or any other government agency, there is no guarantee the value of your investment will be maintained at \$1.00 per share, and your shares, when sold, may be worth more or less than what you originally paid for them. U.S. Treasury bills are subject to market risk if sold prior to maturity. Market risk is the possibility that the value, when sold, might be less than the purchase price.

Investing in stock securities involves volatility risk, market risk, business risk, and industry risk. The prices of most stocks fluctuate. Volatility risk is the chance that the value of a stock will fall. Market risk is chance that the prices of all stocks will fall due to conditions in the economic environment. Business risk is the chance that a specific company's stock will fall because of issues affecting it. Industry risk is the chance that a set of factors particular to an industry group will adversely affect stock prices within the industry. (See "Asset Class – Stocks" in the Glossary section of this Important Disclosure Information for a summary of the relative potential volatility of different types of stocks.)

International investing involves additional risks including, but not limited to, changes in currency exchange rates, differences in accounting and taxation policies, and political or economic instabilities that can increase or decrease returns.

## Report Is a Snapshot and Does Not Provide Legal, Tax, or Accounting Advice

This Report provides a snapshot of your current financial position and can help you to focus on your financial resources and goals, and to create a plan of action. Because the results are calculated over many years, small changes can create large differences in future results. You should use this Report to help you focus on the factors that are most important to you. This Report does not provide legal, tax, or accounting advice. Before making decisions with legal, tax, or accounting ramifications, you should consult appropriate professionals for advice that is specific to your situation.

## MoneyGuideElite Methodology

MoneyGuideElite offers several methods of calculating results, each of which provides one outcome from a wide range of possible outcomes. The methods used are: "Average Returns," "Historical Test," "Bad Timing," "Class Sensitivity," and "Monte Carlo Simulations." When using historical returns, the methodologies available are Average Returns, Historical Test, Bad Timing, and Monte Carlo Simulations. When using projected returns, the methodologies available are Average Returns, Bad Timing, Class Sensitivity, and Monte Carlo Simulations.

### **Results Using Average Returns**

The Results Using Average Returns are calculated using one average return for your pre-retirement period and one average return for your post-retirement period. Average Returns are a simplifying assumption. In the real world, investment returns can (and often do) vary widely from year to year and vary widely from a long-term average return.

### **Results Using Historical Test**

The Results Using Historical Test are calculated by using the actual historical returns and inflation rates, in sequence, from a starting year to the present, and assumes that you would receive those returns and inflation rates, in sequence, from this year through the end of your Plan. If the historical sequence is shorter than your Plan, the average return for the historical period is used for the balance of the Plan. The historical returns used are those of the broad-based asset class indices listed in this Important Disclosure Information.

### **Results with Bad Timing**

Results with Bad Timing are calculated by using low returns in one or two years, and average returns for all remaining years of the Plan. For most Plans, the worst time for low returns is when you begin taking substantial withdrawals from your portfolio. The Results with Bad Timing assume that you earn a low return in the year(s) you select and then an Adjusted Average Return in all other years. This Adjusted Average Return is calculated so that the average return of the Results with Bad Timing is equal to the return(s) used in calculating the Results Using Average Returns. This allows you to compare two results with the same overall average return, where one (the Results with Bad Timing) has low returns in one or two years.

When using historical returns, the default for one year of low returns is the lowest annual return in the historical period you are using, and the default for two years of low returns is the lowest two-year sequence of returns in the historical period. When using projected returns, the default for the first year of low returns is two standard deviations less than the average return, and the default for the second year is one standard deviation less than the average return.

### **Results Using Class Sensitivity**

The Results Using Class Sensitivity are calculated by using different return assumptions for one or more asset classes during the years you select. These results show how your Plan would be affected if the annual returns for one or more asset classes were different than the average returns for a specified period in your Plan.

### **Results Using Monte Carlo Simulations**

Monte Carlo simulations are used to show how variations in rates of return each year can affect your results. A Monte Carlo simulation calculates the results of your Plan by running it many times, each time using a different sequence of returns. Some sequences of returns will give you better results, and some will give you worse results. These multiple trials provide a range of possible results, some successful (you would have met all your goals) and some unsuccessful (you would not have met all your goals). The percentage of trials that were successful is the probability that your Plan, with all its underlying assumptions, could be successful. In MoneyGuideElite, this is the Probability of Success. Analogously, the percentage of trials that were unsuccessful is the the likelihood that an event may occur as well as the likelihood that it may not occur. In analyzing this information, please note that the analysis does not take into account actual market conditions, which may severely affect the outcome of your goals over the long-term.

### MoneyGuideElite Presentation of Results

The Results Using Average Returns, Historical Test, Bad Timing, and Class Sensitivity display the results using an "Estimated % of Goal Funded" and a "Safety Margin."

## Estimated % of Goal Funded

For each Goal, the "Estimated % of Goal Funded" is the sum of the assets used to fund the Goal divided by the sum of the Goal's expenses. All values are in current dollars. A result of 100% or more does not guarantee that you will reach a Goal, nor does a result under 100% guarantee that you will not. Rather, this information is meant to identify possible shortfalls in this Plan, and is not a guarantee that a certain percentage of your Goals will be funded. The percentage reflects a projection of the total cost of the Goal that was actually funded based upon all the assumptions that are included in this Plan, and assumes that you execute all aspects of the Plan as you have indicated.

### Safety Margin

The Safety Margin is the estimated value of your assets at the end of this Plan, based on all the assumptions included in this Report. Only you can determine if that Safety Margin is sufficient for your needs.

### Bear Market Loss and Bear Market Test

The Bear Market Loss shows how a portfolio would have been impacted during the worst bear market since the Great Depression. Depending on the composition of the portfolio, the worst bear market is either the "Great Recession" or the "Bond Bear Market."

The Great Recession, from November 2007 through February 2009, was the worst bear market for stocks since the Great Depression. In MoneyGuideElite, the Great Recession Return is the rate of return, during the Great Recession, for a portfolio comprised of cash, bonds, stocks, alternatives, and other classes, with an asset mix equivalent to the portfolio referenced.

The Bond Bear Market, from July 1979 through February 1980, was the worst bear market for bonds since the Great Depression. In MoneyGuideElite, the Bond Bear Market Return is the rate of return, for the Bond Bear Market period, for a portfolio comprised of cash, bonds, stocks, alternatives, and other classes, with an asset mix equivalent to the portfolio referenced.

The Bear Market Loss shows: 1) either the Great Recession Return or the Bond Bear Market Return, whichever is lower, and 2) the potential loss, if you had been invested in this cash-bond-stock-alternative-other portfolio during the period with the lower return. In general, most portfolios with a stock allocation of 20% or more have a lower Great Recession Return, and most portfolios with a combined cash and bond allocation of 80% or more have a lower Bond Bear Market Return.

The Bear Market Test, included in the Stress Tests, examines the impact on your Plan results if an identical Great Recession or Bond Bear Market, whichever would be worse, occurred this year. The Bear Market Test shows the likelihood that you could fund your Needs, Wants and Wishes after experiencing such an event.

Regardless of whether you are using Historical or Projected returns in your Plan, the Bear Market Loss and Bear Market Test use returns calculated from historical indices where all assets classes included in the referenced portfolio are rolled-up using only the groups below. If you are using Historical returns in your Plan, the indices in the Bear Market Loss and the Bear Market Test may be different from indices used in other calculations. The following indexes are used to calculate the return during the Great Recession and the Bond Bear Market:

Asset Class	Index	Great Recession Return 11/2007 – 02/2009	Bond Bear Market Return 07/1979 – 02/1980
Cash	lbbotson U.S. 30-day Treasury Bills	2.31%	7.08%
Bond	lbbotson Intermediate-Term Government Bonds – Total Return	15.61%	-8.89%
Stock	S&P 500 – Total Return	-50.95%	14.61%
Alternative	HFRI FOF: Diversified	-19.87%	N/A
	S&P GSCI Commodity - Total Return	N/A	23.21%
Fixed Index	Fixed Index	0%	0%
3% Fixed	3% Fixed	0%	0%

### Notes

• HFRI FOF: Diversified stands for Hedge Fund Research Indices Fund of Funds

• S&P GSCI was formerly the Goldman Sachs Commodity Index

Because the Bear Market Loss and Bear Market Test use the returns from asset class indices rather than the returns of actual investments, they do not represent the performance for any specific portfolio, and are not a guarantee of minimum or maximum levels of losses or gains for any portfolio. The actual performance of your portfolio may differ substantially from those shown in the Great Recession Return, the Bond Bear Market Return, the Bear Market Loss, and the Bear Market Test.

### MoneyGuideElite Risk Assessment

The MoneyGuideElite Risk Assessment highlights some – but not all – of the trade-offs you might consider when deciding how to invest your money. This approach does not provide a comprehensive, psychometrically-based, or scientifically-validated profile of your risk tolerance, loss tolerance, or risk capacity, and is provided for informational purposes only.

Based on your specific circumstances, you must decide the appropriate balance between potential risks and potential returns. MoneyGuideElite does not and cannot adequately understand or assess the appropriate risk/return balance for you. MoneyGuideElite requires you to select a risk score. Once selected, three important pieces of information are available to help you determine the appropriateness of your score: an appropriate portfolio for your score, the impact of a Bear Market Loss (either the Great Recession or the Bond Bear Market, whichever is lower) on this portfolio, and a compare button to show how your score compares to the risk score of others in your age group.

MoneyGuideElite uses your risk score to select a risk-based portfolio on the Portfolio Table page. This risk-based portfolio selection is provided for informational purposes only, and you should consider it to be a starting point for conversations with your Advisor. It is your responsibility to select the Target Portfolio you want MoneyGuideElite to use. The selection of your Target Portfolio, and other investment decisions, should be made by you, after discussions with your Advisor and, if needed, other financial and/or legal professionals.

## Personal Information and Summary of Financial Goals

### Steve and Andrea Sample

Needs		
10	Retirement - Basic Living Expense	
C	Steve (2029) Andrea (2030) Both Retired (2030-2064) Andrea Alone Retired (2065-2066)	60 60 \$100,000 \$80,000 Base Inflation Rate plus 0.60% (3.60%)
10	Health Care	
	Steve Retired Before Medicare / Andrea Employed (2029) Both Retired Before Medicare (2030-2033) Steve Medicare / Andrea Retired Before Medicare (2034) Both Medicare (2035-2064) Andrea Alone Medicare (2065-2066)	\$13,355 \$27,436 \$20,232 \$10,360 \$6,745 Base Inflation Rate plus 2.80% (5.80%)
Wants		
6	Travel	
	When both are retired Recurring every year for a total of 10 times	\$5,000 Base Inflation Rate (3.00%)
Wishes	;	
3	Leave Bequest	
<b>A</b> FF	End of Andrea's Plan	\$250,000 Base Inflation Rate plus 0.60% (3.60%)

# Personal Information and Summary of Financial Goals

#### Personal Information

#### Steve

Male - born 08/13/1969, age 53 Employed - \$140,000, Other Income - \$15,000

#### Andrea

Female - born 01/11/1970, age 53 Employed - \$70,000

Married, US Citizens living in OH

• This section lists the Personal and Financial Goal information you provided, which will be used to create your Report. It is important that it is accurate and complete.

## Net Worth Summary - All Resources

This is your Net Worth Summary as of 08/11/2023. Your Net Worth is the difference between what you own (your Assets) and what you owe (your Liabilities). To get an accurate Net Worth statement, make certain all of your Assets and Liabilities are entered.



Description	Total
Investment Assets	
Employer Retirement Plans	\$1,446,754
Individual Retirement Accounts	\$14,000
Taxable and/or Tax-Free Accounts	\$279,795
Total Investment Assets:	\$1,740,550
Other Assets	
Home and Personal Assets	\$305,000
Business and Property	\$300,000
Total Other Assets:	\$605,000
Liabilities	
Business Loan:	\$160,000
Total Liabilities:	\$160,000
Net Worth:	\$2,185,550

## **Goal Strategies Introduction**

### **Roth Conversion - Goal Strategies**

This Plan contains a Roth Conversion Goal Strategy. Using this Goal Strategy, the Program will convert all or part of your individual retirement accounts (IRAs) and/or qualified retirement plan assets ("qualified assets") to a Roth IRA. This conversion will be subject to federal and, if applicable, state and local income taxes. When a Roth Conversion Goal Strategy is included in the Goal Strategies section on the What If Worksheet, there is no verification that the qualified assets selected are eligible for conversion to a Roth IRA. It is your responsibility to determine such eligibility.

When you indicate that conversion taxes will be paid from the investment portfolio, the results displayed include an estimate of the conversion taxes based on all the information you have provided, including, but not limited to, the information for the Roth Conversion Goal Strategy. The tax rates used are for illustrative purposes only in order to generate the What If Worksheet and do not reflect the actual taxes you will pay when converting the qualified assets to a Roth IRA. Since the figures shown are only estimates, the actual taxes you will owe when converting qualified assets to a Roth IRA may be more or less than those included in the report. If you indicated that conversion taxes will be paid from a source outside the investment portfolio, the report includes no analysis of the potential benefits or drawbacks of that decision. The inclusion of a Roth Conversion Goal Strategy is not a solicitation or recommendation that you convert qualified assets to a Roth IRA, and you should not rely on the information presented when making that decision.

### For More Information

You should seek the services of your legal and/or tax professionals when converting qualified assets to a Roth IRA. It is also recommended that you obtain a copy of IRS Publication 590 from your local IRS office, or call 1-800-TAX-FORM or visit the IRS website at www.irs.gov for additional information on converting qualified assets to a Roth IRA.

### Assumptions

• A conversion occurring in the future uses the future value of the asset(s) as projected in the analysis.

• The amount that can be converted in any year is limited to the value of the selected qualified assets available in that year.

• For employed clients electing to pay conversion taxes from the investment portfolio, the taxes are calculated using the marginal tax rate entered in the Roth Conversion Goal Strategy.

• For retired clients electing to pay conversion taxes from the investment portfolio, the tax calculations are based on which tax methodology was selected for the report. When using the default tax calculation methodology, the conversion taxes are estimated as a part of the overall tax calculations in the year(s) of conversion, using a fixed deduction and progressive tax tables. When using average tax rates, the taxes are calculated using the marginal tax rate entered in the Roth Conversion Goal Strategy.

• For retired clients using the Calculated input method, the distribution amount equals the gross income required to maximize the designated federal tax bracket minus all taxable income in the plan year.

• When taxes for the conversion are paid from the investment portfolio, Taxable Fund All Goals assets are used first and then funds from the converted Roth IRA are used. If the owner is less than age 591/2, tax penalties are assessed on the taxes paid from the Roth IRA.

• Only Qualified assets designated as Fund All Goals are available for the Roth Conversion Goal Strategy. Assets earmarked for a specific goal, earmarked as Leave to Estate or earmarked as Not Used in Plan are not available for this Goal Strategy.

## Net Worth Detail - All Resources

This is your Net Worth Detail as of 08/11/2023. Your Net Worth is the difference between what you own (your Assets) and what you owe (your Liabilities). To get an accurate Net Worth statement, make certain all of your Assets and Liabilities are entered.

Description	Steve	Andrea	Joint	Total
Investment Assets				
Employer Retirement Plans				
Other Qualified - HSA	\$60,000			\$60,000
Steve's 401(k)	\$1,386,754			\$1,386,754
Individual Retirement Accounts				
Andrea's Roth IRA		\$7,000		\$7,000
Steve's Roth IRA	\$7,000			\$7,000
Taxable and/or Tax-Free Accounts				
JTWROS			\$70,977	\$70,977
Savings/Checking			\$208,819	\$208,819
Total Investment Assets:	\$1,453,754	\$7,000	\$279,795	\$1,740,550
Other Assets				
Home and Personal Assets				
Home - 357 Blue Jay Way			\$305,000	\$305,000
Business and Property				
Three Rental Properties			\$300,000	\$300,000
Total Other Assets:	\$0	\$0	\$605,000	\$605,000
Liabilities				
Business Loan:				
Rental Home Mortgages			\$160,000	\$160,000
Total Liabilities:	\$0	\$0	\$160,000	\$160,000
Net Worth:				\$2,185,550



#### **Investment Assets**

Description	Owner	Account Type	Current Value	Additions	Assign to Goal
Manually Entered					
Andrea's Roth IRA	Andrea	Roth IRA - Account	\$7,000		Fund All Goals
Fidelity® Government MMkt	\$7,000				
JTWROS	Joint Survivorship	Account	\$70,977		Fund All Goals
Fidelity® Government MMkt	\$30,001				
Fidelity® Select Biotechnology	\$11,265				
Fidelity® Inflation-Prot Bd Index	\$10,710				
Fidelity® Select Medical Tech and Devcs	\$13,834				
Fidelity® Select Health Care	\$5,167				
Other Qualified - HSA	Steve	Other Qualified	\$60,000		Fund All Goals
Account Total	\$60,000				
Savings/Checking	Joint Survivorship	Account	\$208,819		Fund All Goals
Cash	\$208,819				
Steve's 401(k)	Steve	401(k)	\$1,386,754	\$30,252	Fund All Goals
Harbor Capital Appreciation Instl	\$846,425				
Dodge & Cox Stock	\$218,207				
Artisan Mid Cap Institutional	\$174,380				
WF Stable Value Fund	\$70,996				
Hartford Small Cap Growth Y	\$55,663				
Eaton Vance Emerging Markets Local Inc I	\$4,159				
Northern Global Real Estate Index	\$3,366				
DFA Emerging Markets Value I	\$3,101				

#### **Investment Assets**

Description	Owner		Account Type	Current Value	Add	itions	Assign to Goal
Manually Entered							
American Funds Europacific Growth R6		\$2,626					
Victory Trivalent International Sm-Cp Y	)	\$2,659					
Vanguard International Value Inv		\$1,951					
T. Rowe Price Mid-Cap Value		\$1,697					
Northern Small Cap Value		\$1,523					
Steve's Roth IRA	Steve		Roth IRA - Account	\$7,000			Fund All Goals
Fidelity® Government MMkt		\$7,000					
Total Manually Entered Assets				\$1,740,550			

Total : \$1,740,550

#### Other Assets

Description	Owner	Current Value	Future Value	Assign to Goal
Manually Entered				
Home - 357 Blue Jay Way	Joint Survivorship	\$305,000		Not Funding Goals
Three Rental Properties	Joint Survivorship	\$300,000	\$350,000	Fund All Goals
	Total of Other Assets :	\$605,000		

**Insurance Policies** 

Description	Owner	Insured	Beneficiary	Annual Premium	Cash Value	Death Benefit Premium Paid
Manually Entered						
Insurance Policies Summary (not i	ncluded in Assets)					
Steve's Term Life Policy Term Life	Steve	Steve	Co-Client of Insure - 100%	d		\$500,000 Until Policy Terminates

#### **Insurance Policies**

Description	Owner	Insured	Beneficiary	Annual Premium	Cash Value	Death Benefit	Premium Paid
Manually Entered							
Insurance Policies Summary (not inclu	uded in Assets)						
Andrea's Term Life Policy Term Life	Andrea	Andrea	Co-Client of Insured - 100%			\$100,000	For 3 years
Steve Employer Term Group Term	Steve	Steve	Co-Client of Insured - 100%			\$150,000	
Andrea's Employer Term Life Group Term	Andrea	Andrea	Co-Client of Insured - 100%			\$25,000	

Total Death Benefit of All Policies : \$775,000

#### **Social Security**

Description	Value	Assign to Goal
Social Security	Steve will file a normal application at age 62. He will receive \$28,116 in retirement benefits at age 62.	Fund All Goals
Social Security	Andrea will file a normal application at age 62. She will receive \$368 in retirement benefits and \$12,712 in spousal benefits at age 62.	Fund All Goals

#### **Retirement Income**

Description	Owner	Value	Inflate?	Assign to Goal
Andrea's OPERS Pension Income	Andrea	\$15,192 from 2035 to End of Andrea's Plan	No	Fund All Goals
PBGC Pension Income	Steve	\$1,836 from 2024 to End of Plan (100% to Survivor)	No	Fund All Goals

#### Liabilities

Туре	Description/Company	Owner	Outstanding Balance	Interest Rate	Monthly Payment	Date Loan Began	Loan Term
Manually Entered							
Commercial Mortgage	Rental Home Mortgages	Joint	\$160,000	5.00%			
		Total Outstanding Balance :	\$160,000				

#### **Reaching Your Goals**



Net	Worth
Assets	\$2,345,550
Liabilities	\$160,000
Net Worth	\$2,185,550

#### Results

If you implement the following suggestions, there is a 80% likelihood of funding all of the Financial Goals in your Plan.

See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

Status

### Goals

Plan to reduce your Total Goal Spending to \$4,240,282 which is \$254,825, or 6%, less than your Target.

Steve retires at age 62, in the year 2031. This is 2 year(s) later than your retirement age.

Andrea retires at age 62, in the year 2032. This is 2 year(s) later than your retirement age.

Goal	Amount	Changes
Needs		
10 Retirement - Basic Living Expense		
Steve Retired and Andrea Employed	\$0	
Both Retired	\$100,000	
Andrea Alone Retired	\$80,000	
10 Health Care		
Steve Retired Before Medicare / Andrea Employed	\$14,161	Increased \$806
Both Retired Before Medicare	\$29,040	Increased \$1,603
Steve Medicare / Andrea Retired Before Medicare	\$20,232	
Both Medicare	\$10,360	
Andrea Alone Medicare	\$6,745	
Wants		
6 Travel	\$5,000	
Starting	When both are retired	
Years between occurrences	1	
Number of occurrences	10	
Wishes		
3 Leave Bequest	\$250,000	
Starting	End of Andrea's Plan	

#### Save and Invest

#### Invest

	Consider reallocating your	current portfolio	Adjustment needed to match 80% Equity 20% Fix		
	Investment Portfolio Asset	Allocation	Asset Class	Increa	
	Current	80% Equity 20% Fixed	Cash & Cash Alternatives		
current	Income	Short Term Bonds	0		
			Intermediate Term Bonds	0	
			Large Cap Value Stocks	0	
			Large Cap Growth Stocks		
			Mid Cap Stocks		
			Small Cap Stocks	0	
		80% Equity 20% Fixed Income Cash & Cash Alternatives   Income Short Term Bonds   Intermediate Term Bonds Secondary   Large Cap Value Stocks Secondary   Mid Cap Stocks Mid Cap Stocks			
			International Emerging Stocks		
			REITs	0	
			Unclassified		

#### Income

Asset Class	Increase By	Decrease By
Cash & Cash Alternatives		-\$366,411
Short Term Bonds	\$174,055	
Intermediate Term Bonds	\$156,649	
Large Cap Value Stocks	\$199,525	
Large Cap Growth Stocks		-\$707,181
Mid Cap Stocks		-\$176,078
Small Cap Stocks	\$221,302	
International Developed Stocks	\$340,873	
International Emerging Stocks	\$66,521	
REITS	\$135,878	
Unclassified		-\$45,135
Тс	otal : \$1,294,804	-\$1,294,804

### Goal Funding and Investment Strategies

Consider using assets from your Investment Portfolio to implement the proposed strategies listed below.

Roth Conversion: Consider converting money from your qualified retirement accounts to a Roth IRA to take advantage of potential tax benefits for you and/or your heir(s).

Steve - Roth Conversion Strategy: This scenario assumes you will convert funds to a Roth IRA up through the 22.00% Federal tax bracket starting in 2031 and continuing for 15 year(s).

#### Social Security

#### **Personal Information**

Your Full Retirement Age (FRA) is the age that you would receive 100% of your Primary Insurance Amount (PIA). Depending on the year you were born, your FRA is between 65-67 years old. Taking benefits before or after your FRA will decrease or increase the amount you receive, respectively.

Steve 's FRA is 67 and 0 months in 2036.

Andrea's FRA is 67 and 0 months in 2037.

Your Primary Insurance Amount (PIA) is the benefit you would receive if you began benefits at your Full Retirement Age (FRA). It is calculated from the earnings on which you paid Social Security taxes, throughout your life.

Steve 's estimated annual PIA is \$40,166

Andrea's estimated annual PIA is \$526

#### **Other Retirement Income**

The Government Pension Offset (GPO) applies to people who receive a pension from a government job in which they did not pay Social Security taxes. The GPO reduces the amount of Social Security spouse's or widow(er)'s benefits by two-thirds of the amount of your government pension. The GPO does not affect your own benefit

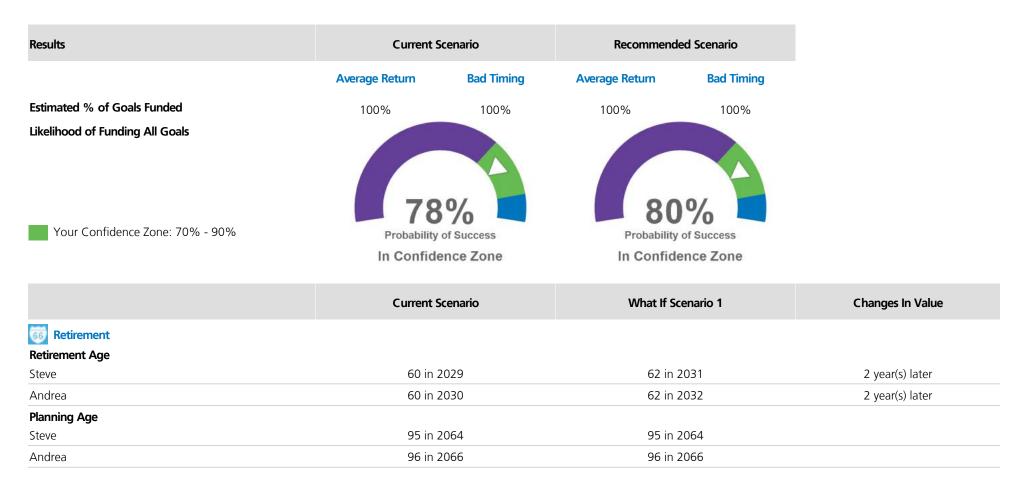
Andrea has a pension subject to the Government Pension Offset.

#### **Strategy Information**

Steve files a normal application at 62 in 2031.

Andrea files a normal application at 62 in 2032.

Using this strategy, your household's total lifetime benefit is estimated to be \$1,226,574 in today's dollars, based upon the information you entered. For a better estimate, go to ssa.gov.



	Current Scenario	What If Scenario 1	Changes In Value
🚝 Goals			
Needs			
Retirement - Basic Living Expense			
Steve Retired and Andrea Employed	\$O	\$0	
Both Retired	\$100,000	\$100,000	
Andrea Alone Retired	\$80,000	\$80,000	
Health Care			
Steve Retired Before Medicare / Andrea Employed	\$13,355	\$14,161	Increased \$806
Both Retired Before Medicare	\$27,436	\$29,040	Increased \$1,603
Steve Medicare / Andrea Retired Before Medicare	\$20,232	\$20,232	increased \$1,003
Both Medicare	\$10,360	\$10,360	
Andrea Alone Medicare	\$6,745	\$6,745	
Wants			
Travel	\$5,000	\$5,000	
Starting	When both are retired	When both are retired	
Years between occurrences	1	1	
Number of occurrences	10	10	
Wishes			
Leave Bequest	\$250,000	\$250,000	
Starting	End of Andrea's Plan	End of Andrea's Plan	
Total Spending for Life of Plan	\$4,495,106	\$4,240,282	Decreased 6%
\$ Savings			
Qualified	\$15,252	\$15,252	
Roth	\$15,000	\$15,000	
Total Savings This Year	\$30,252	\$30,252	
O Portfolios			
Allocation Before Retirement	CURRENT	80% Equity 20% Fixed Income	5% Less Stock

	Current Scenario	What If Scenario 1	Changes In Value
Percent Stock	77%	72%	
Composite Return	8.28%	7.32%	
Worst One-Year Return since 1990	-28.04%	-30.97%	
Composite Standard Deviation	14.41%	13.57%	
Great Recession Return 11/07 - 2/09	-38%	-35%	
Bond Bear Market Return 7/79 - 2/80	13%	11%	
Allocation During Retirement	CURRENT	80% Equity 20% Fixed Income	5% Less Stock
Percent Stock	77%	72%	
Composite Return	8.28%	7.32%	
Worst One-Year Return since 1990	-28.04%	-30.97%	
Composite Standard Deviation	14.41%	13.57%	
Great Recession Return 11/07 - 2/09	-38%	-35%	
Bond Bear Market Return 7/79 - 2/80	13%	11%	
Inflation	3.00%	2.63%	Decreased 0.37%
Investments			
Total Investment Portfolio	\$1,740,550 (Unclassified 3%)	\$1,740,550	
Social Security			
Social Security Strategy	Current	Current	
Steve			
Filing Method	Normal	Normal	
Age to File Application	62	62	
Age Retirement Benefits Begin	62	62	
First Year Benefit	\$28,116	\$28,116	

	Current Scenario	What If Scenario 1	Changes In Value
Andrea			
Filing Method	Normal	Normal	
Age to File Application	62	62	
Age Retirement Benefits Begin	62	62	
First Year Benefit	\$13,080	\$13,080	
Goal Strategies			
Roth Conversion Strategy	Ν/Α	Roth Conversion Strategy	
Maximum Desired Tax Rate	N/A	22.00%	
Conversion Start Year	N/A	2031	
Number of Years of Conversion	N/A	15	

**Summary of Goals and Resources** 

## **Expectations and Concerns**

### Expectation

Both Steve and Andrea

No Work

Active Lifestyle

Quiet Lifestyle

Time to Travel

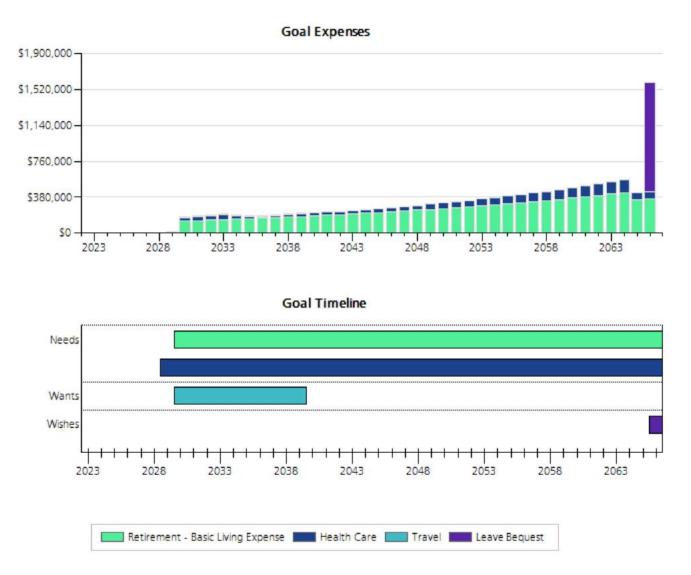
Time with Friends & Family

Less Stress - Peace of Mind

Owner	Concern	What Would Help
High		
Joint	Running out of money	If your plan is in the Confidence Zone, there's less reason to worry.
Medium		
Joint	Not having a paycheck anymore	Consider strategies that create a regular source of income.
Joint	Cost of health care or long-term care	Include a Goal for Health Care and test to see the impact of a potential Long Term Care expense in the future.
Joint	Current or future health issues	See how health issues might affect the results of your plan
Low		
Joint	Leaving money to others	Your plan can include bequests and gifting Goals.
Joint	Spending too much	Test your plan to see if your money will last as long as you do, or if you may be spending too much.
Joint	Going into a nursing home	We'll consider Long-Term Care insurance & discuss the risks to your plan if you have expenses related to a major health issue.

## Current Financial Goals Graph

This graph shows the annual costs for your Financial Goals, as you have specified. Because these costs will be used to create your Plan, it is important that they are accurate and complete. All amounts are in after-tax, future dollars.



# Insurance Inventory

#### Life

Description	Owner	Insured	Death Benefit C	Cash Value	Annual Premium	Primary Beneficiary	Policy Start Date
Steve's Term Life Policy	Steve	Steve	\$500,000			Co-Client of Insured - 100%	
Andrea's Term Life Policy	Andrea	Andrea	\$100,000			Co-Client of Insured - 100%	
Steve Employer Term	Steve	Steve	\$150,000	Co-Client of Insured - 100%			
Andrea's Employer Term Life	Andrea	Andrea	\$25,000			Co-Client of Insured - 100%	

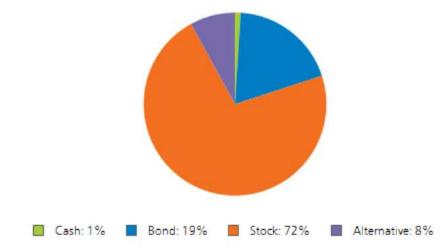
If the assets include a Variable Life Investment Asset, the value shown for this policy in the Annual Premium column reflects only the assumed annual increase in the cash value of the insurance policy and not the total premium.

**Risk and Portfolio Information** 

## **Risk Assessment**

#### You chose a Risk Score of 72.

Appropriate Portfolio: 80% Equity 20% Fixed Income Percentage Stock: 72% Average Return: 7.32%



#### Great Recession Return Loss for this Portfolio

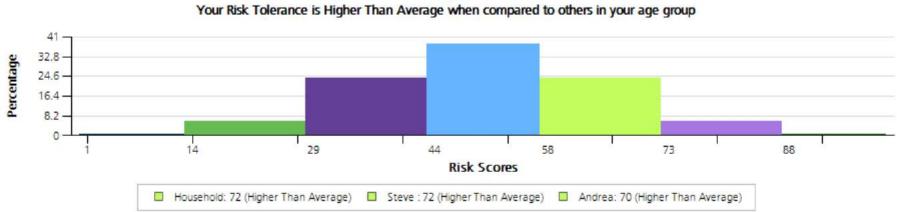
If this loss would cause you to sell your investments, you should select a lower score. Don't go past your Breaking Point.

During the Great Recession Return (November 2007 - February 2009) this portfolio had a loss of:

-35%

If you invest \$1,740,550 in this portfolio and the same loss occurred again, you would lose:

-\$614,146



Risk Score Chart for Ages Between 50 to 64

The Risk-Based Portfolio was selected from this list of Portfolios, based upon the risk assessment. The Risk Band is comprised of the portfolio(s) that could be appropriate for you, based upon the Risk-Based Portfolio indicated. The Target Portfolio was selected by you. Refer to the Worst 1-Year Loss and Standard Deviation columns in the chart below to compare the relative risks of your Current Portfolio to the Target Portfolio.

Portfolios	Name	Cash	Bond	Stock	Alternative	Fixed Index	Average Return	Worst One Year	Standard Deviation
	Capital Preservation I	5%	67%	28%	0%	0%	5.22%	-8.10%	5.57%
	40% Equity 60% Fixed Income	1%	59%	36%	4%	0%	5.66%	-12.48%	7.17%
	Capital Preservation II	5%	57%	38%	0%	0%	5.66%	-11.28%	6.97%
	Balanced I	4%	51%	45%	0%	0%	6.03%	-14.29%	8.08%
	Balanced II	4%	42%	54%	0%	0%	6.41%	-18.39%	9.46%
	60% Equity 40% Fixed Income	1%	39%	54%	6%	0%	6.49%	-21.67%	10.27%
	Total Return I	4%	35%	61%	0%	0%	6.75%	-22.01%	10.73%
	Total Return II	3%	25%	72%	0%	0%	7.25%	-26.97%	12.61%
	80% Equity 20% Fixed Income	1%	19%	72%	8%	0%	7.32%	-30.97%	13.57%
	Capital Growth I	2%	16%	82%	0%	0%	7.82%	-31.51%	14.44%
	Capital Growth II	0%	9%	91%	0%	0%	8.14%	-35.68%	15.90%
	100% Equity Aggressive Growth	0%	0%	90%	10%	0%	8.25%	-40.61%	17.13%
	Current	22%	0%	75%	0%	0%	8.28%	-28.04%	14.41%
	Equity Growth	0%	0%	100%	0%	0%	8.51%	-39.81%	17.49%

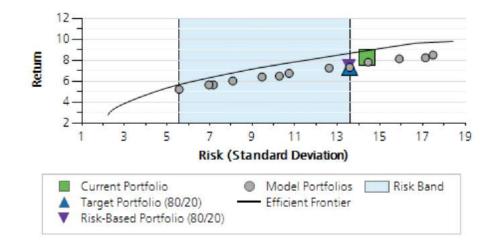
Risk Band Current

🔻 Risk-Based 🛛 🔺 Target

### **Efficient Frontier Graph**

When deciding how to invest your money, you must determine the amount of risk you are willing to assume to pursue a desired return. The Efficient Frontier Graph reflects a set of portfolios that assume a low relative level of risk for each level of return, or conversely an optimal return for the degree of investment risk taken. The graph also shows the position of the Risk Band, Target, Risk-Based, and Custom Portfolios, if applicable. The positioning of these portfolios illustrates how their respective risks and returns compare to each other as well as the optimized level of risk and return represented by the Portfolios.

This graph shows the relationship of return and risk for each Portfolio in the chart above.



The Risk-Based Portfolio was selected from this list of Portfolios, based upon the risk assessment. The Risk Band is comprised of the portfolio(s) that could be appropriate for you, based upon the Risk-Based Portfolio indicated. The Target Portfolio was selected by you. Refer to the Worst 1-Year Loss and Standard Deviation columns in the chart below to compare the relative risks of your Current Portfolio to the Target Portfolio.

Portfolios	Name	3% Fixed	Unclassified	Average Return	Worst One Year	Standard Deviation
	Capital Preservation I	0%	0%	5.22%	-8.10%	5.57%
	40% Equity 60% Fixed Income	0%	0%	5.66%	-12.48%	7.17%
	Capital Preservation II	0%	0%	5.66%	-11.28%	6.97%
	Balanced I	0%	0%	6.03%	-14.29%	8.08%
	Balanced II	0%	0%	6.41%	-18.39%	9.46%
	60% Equity 40% Fixed Income	0%	0%	6.49%	-21.67%	10.27%
	Total Return I	0%	0%	6.75%	-22.01%	10.73%
	Total Return II	0%	0%	7.25%	-26.97%	12.61%
	80% Equity 20% Fixed Income	0%	0%	7.32%	-30.97%	13.57%
	Capital Growth I	0%	0%	7.82%	-31.51%	14.44%
	Capital Growth II	0%	0%	8.14%	-35.68%	15.90%
	100% Equity Aggressive Growth	0%	0%	8.25%	-40.61%	17.13%
	Current	0%	3%	8.28%	-28.04%	14.41%
	Equity Growth	0%	0%	8.51%	-39.81%	17.49%

Risk Band

🛛 🔍 Risk-Based 🛛 🔺 Target

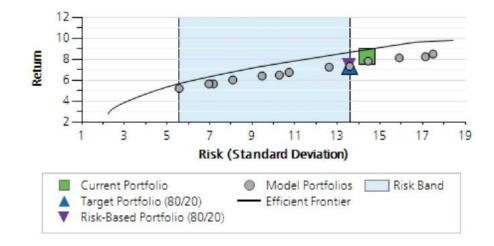
See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

Current

### **Efficient Frontier Graph**

When deciding how to invest your money, you must determine the amount of risk you are willing to assume to pursue a desired return. The Efficient Frontier Graph reflects a set of portfolios that assume a low relative level of risk for each level of return, or conversely an optimal return for the degree of investment risk taken. The graph also shows the position of the Risk Band, Target, Risk-Based, and Custom Portfolios, if applicable. The positioning of these portfolios illustrates how their respective risks and returns compare to each other as well as the optimized level of risk and return represented by the Portfolios.

This graph shows the relationship of return and risk for each Portfolio in the chart above.



# **Results**

This Worksheet allows you to analyze and compare the results of one or more scenarios that you created by varying the Plan assumptions.

		Estimated %	of Goal Funded			
Goals	Current S	cenario	What If Scenario 1			
	Average Return	Bad Timing	Average Return	Bad Timing		
Need	100%	100%	100%	100%		
10 Basic Living Expense						
10 Health Care						
Want	100%	100%	100%	100%		
6 Travel						
Wish	100%	100%	100%	100%		
3 Leave Bequest						
Safety Margin (Value at End of Plan)						
Current dollars (in thousands) :	\$4,721	\$2,912	\$3,517	\$343		
Future dollars (in thousands) :	\$16,828	\$10,379	\$10,739	\$1,048		
Monte Carlo Results	Likelihood of Funding All Goals					
Your Confidence Zone: 70% - 90%	78 Probability of In Confide		80% Probability of Success In Confidence Zone			
Total Spending :	\$4,495	,106	\$4,240	,282		

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

Key Assumptions	Current Scenario	What If Scenario 1			
Stress Tests					
Method(s)	Bad Timing Program Estimate Years of bad returns: 2029: -5.76% 2030: -22.01%	Bad Timing Program Estimate Years of bad returns: 2031: -1.49% 2032: -30.71%			
Hypothetical Average Rate of Return					
Before Retirement :	Current	• 80/20			
Entered Return :	N/A	N/A			
Composite Return :	8.28%	• 7.32%			
Composite Standard Deviation :	14.41%	• 13.57%			
Total Return Adjustment :	0.00%	0.00%			
Adjusted Real Return :	5.28%	• 4.69%			
After Retirement :	Current	• 80/20			
Entered Return :	N/A	N/A			
Composite Return :	8.28%	• 7.32%			
Composite Standard Deviation :	14.41%	• 13.57%			
Total Return Adjustment :	0.00%	0.00%			
Adjusted Real Return :	5.28%	• 4.69%			
Base inflation rate :	3.00%	• 2.63%			

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

Key Assumptions	Current Scenario	What If Scenario 1
Goals		
Basic Living Expense		
Retirement Age		
Steve	60	• 62
Andrea	60	• 62
Planning Age		
Steve	95	95
Andrea	96	96
One Retired		
Steve Retired and Andrea Employed	\$O	\$O
Andrea Retired and Steve Employed	\$O	\$O
Both Retired		
Both Retired	\$100,000	\$100,000
One Alone - Retired		
Andrea Alone Retired	\$80,000	\$80,000
Steve Alone Retired	\$0	\$0
One Alone - Employed		
Steve Alone Employed	\$0	\$0
Andrea Alone Employed	\$0	\$0
Health Care		
Percentage of costs to use :	100%	100%
Cost determined by Schedule :	See details	See details
Travel		
Year :	When both are retired	When both are retired
Cost :	\$5,000	\$5,000
ls recurring :	Yes	Yes
Years between occurrences :	1	1
Number of occurrences :	10	10

### Leave Bequest

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

Key Assumptions	Current Scenario	What If Scenario 1		
Goals				
Cost :	\$250,000	\$250,000		
Retirement Income				
Andrea's OPERS Pension Income (Andrea)				
Annual Income :	\$15,192	\$15,192		
Start Year :	2035	2035		
Select when income will end :	End of Andrea's Plan	End of Andrea's Plan		
Year to end retirement income :				
Survivor Benefit :	0%	0%		
PBGC Pension Income (Steve )				
Annual Income :	\$1,836	\$1,836		
Start Year :	2024	2024		
Select when income will end :	End of Plan	End of Plan		
Year to end retirement income :				
Survivor Benefit :	100%	100%		
Social Security				
Select Social Security Strategy	Current	Current		
Steve				
Filing Method :	Normal	Normal		
Age to File Application :	62	62		
Age Retirement Benefits begin :	62	62		
First Year Benefit :	\$28,116	\$28,116		
Andrea				
Filing Method :	Normal	Normal		
Age to File Application :	62	62		
Age Retirement Benefits begin :	62	62		
First Year Benefit :	\$13,080	\$13,080		
Reduce Benefits By :	0%	0%		

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

Key Assumptions	Current Scenario	What If Scenario 1
Goal Strategies		
Roth Conversion Strategy		
Include in Plan		• Yes
Steve		
Conversion Amount : Calculated Conversion starts at Steve 's retirement		
Asset Additions		
Steve's 401(k)	Maximum	Maximum
Roth:	N/A	N/A
Maximum contribution each year:	Yes	Yes
% Designated as Roth:	50.00%	50.00%
Plan addition amount:		
	\$30,252	\$30,252
Year additions begin:	2023	2023
Steve - Fund All Goals		
Extra Savings by Tax Category		
Steve 's Qualified		\$0
Andrea's Qualified		\$0
Steve 's Roth		\$0
Andrea's Roth		\$0
Steve 's Tax-Deferred		\$0
Andrea's Tax-Deferred		\$0
Taxable		\$0
Other Assets		
Three Rental Properties		
Include in Plan :	Yes	Yes
When received :	Steve 's retirement	Steve 's retirement
Amount of cash received :	\$350,000	\$350,000

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

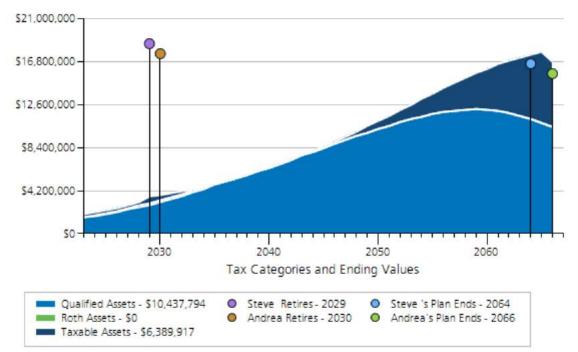
Key Assumptions	Current Scenario	What If Scenario 1
Cash Reserve		
Include :		No
Your Goal Coverage		
Needs :		3
Wants :		2
Wishes :		1
Minimum Amount in Cash Reserve :		\$0
Annual offset for Cash Reserve :		\$0
Selected Allocation :		Enter Own Return and Standard Deviation
Return :		0.00%
Standard Deviation :		0.00%
Aspirational Bucket		
Include :		No
Additional :		\$0
Selected Allocation :		Enter Own Return and Standard Deviation
Return :		9.00%
Standard Deviation :		18.00%
Tax Options		
Include Tax Penalties :	Yes	Yes
Change Tax Rate?	No	No
Year To Change :		
Change Tax Rate by this % (+ or -) :	0.00%	0.00%

• Indicates different data between the Scenario in the first column and the Scenario in any other column.

#### Scenario : Current Scenario using Average Return

These pages provide a picture of how your Investment Portfolio may hypothetically perform over the life of this Plan. The graph shows the effect on the value of your Investment Portfolio for each year. The chart shows the detailed activities that increase and decrease your Investment Portfolio value each year including the funds needed to pay for each of your Goals. Shortfalls that occur in a particular year are denoted with an 'X' under the Goal column.

#### **Total Portfolio Value Graph**



#### x - denotes shortfall

#### Scenario : Current Scenario using Average Return

		beginning PC	ortfolio Value							Funds Used	
Event or Ages	Year	Earmarked	Fund All Goals	Additions To Assets	Other Additions	Post Retirement Income	Investment Earnings	Investment Return	Taxes	All Goals	Ending Portfolio Value
54/53	2023	0	1,740,550	30,252	0	0	144,698	8.17%	1,905	0	1,913,594
55/54	2024	0	1,913,594	30,760	0	0	160,339	8.25%	1,942	0	2,102,751
56/55	2025	0	2,102,751	31,267	0	0	177,458	8.32%	1,979	0	2,309,497
57/56	2026	0	2,309,497	32,775	0	0	196,283	8.38%	2,017	0	2,536,539
58/57	2027	0	2,536,539	33,284	0	0	216,880	8.44%	2,056	0	2,784,647
59/58	2028	0	2,784,647	34,792	0	0	239,503	8.49%	2,095	0	3,056,847
Steve Retires	2029	0	3,056,847	0	350,000	1,836	269,641	7.96%	4,914	18,731	3,654,679
Andrea Retires	2030	0	3,654,679	0	0	1,836	288,767	8.29%	0	174,952	3,770,330
62/61	2031	0	3,770,330	0	0	33,508	310,652	8.58%	91	183,300	3,931,099
63/62	2032	0	3,931,099	0	0	48,939	334,941	8.84%	1,215	192,238	4,121,525
64/63	2033	0	4,121,525	0	0	49,646	361,461	9.11%	737	201,720	4,330,176
65/64	2034	0	4,330,176	0	0	50,363	385,997	9.22%	485	192,093	4,573,958
66/65	2035	0	4,573,958	0	0	56,155	410,048	9.22%	826	180,376	4,858,960
67/66	2036	0	4,858,960	0	0	56,894	434,628	9.22%	12,694	187,563	5,150,225
68/67	2037	0	5,150,225	0	0	57,644	459,298	9.22%	29,511	195,104	5,442,551
69/68	2038	0	5,442,551	0	0	58,405	485,431	9.22%	31,146	203,022	5,752,219
70/69	2039	0	5,752,219	0	0	59,177	513,119	9.22%	32,879	211,318	6,080,318
71/70	2040	0	6,080,318	0	0	59,961	543,491	9.22%	31,813	211,741	6,440,217
72/71	2041	0	6,440,217	0	0	60,757	575,751	9.22%	33,665	220,577	6,822,483
73/72	2042	0	6,822,483	0	0	61,565	610,030	9.22%	35,611	229,781	7,228,686
74/73	2043	0	7,228,686	0	0	62,385	646,475	9.22%	37,647	239,353	7,660,546
75/74	2044	0	7,660,546	0	0	63,218	679,003	9.16%	62,413	249,351	8,091,002
76/75	2045	0	8,091,002	0	0	64,062	712,193	9.10%	69,165	259,781	8,538,310
77/76	2046	0	8,538,310	0	0	64,920	746,019	9.03%	76,160	270,669	9,002,420
78/77	2047	0	9,002,420	0	0	65,790	780,211	8.96%	84,540	281,986	9,481,895
79/78	2048	0	9,481,895	0	0	66,673	814,554	8.89%	93,916	293,749	9,975,458
80/79	2049	0	9,975,458	0	0	67,570	848,805	8.81%	104,201	306,014	10,481,618
81/80	2050	0	10,481,618	0	0	68,480	882,871	8.72%	114,721	318,800	10,999,448
82/81	2051	0	10,999,448	0	0	69,404	916,259	8.63%	126,988	332,112	11,526,011
83/82	2052	0	11,526,011	0	0	70,341	948,833	8.53%	139,439	345,878	12,059,870
84/83	2053	0	12,059,870	0	0	71,293	979,949	8.43%	154,006	360,107	12,596,999
85/84	2054	0	12,596,999	0	0	72,259	1,009,421	8.32%	168,653	374,941	13,135,085
86/85	2055	0	13,135,085	0	0	73,239	1,036,773	8.20%	184,445	390,406	13,670,245

x - denotes shortfall

#### Scenario : Current Scenario using Average Return

		Beginning Po	ortfolio Value							Funds Used	
Event or Ages	Year	Earmarked	Fund All Goals	Additions To Assets	Other Additions	Post Retirement Income	Investment Earnings	Investment Return	Taxes	All Goals	Ending Portfolio Value
87/86	2056	0	13,670,245	0	0	74,234	1,061,466	8.07%	201,437	406,561	14,197,947
88/87	2057	0	14,197,947	0	0	75,244	1,083,368	7.94%	217,861	423,414	14,715,284
89/88	2058	0	14,715,284	0	0	76,269	1,101,421	7.79%	237,253	440,995	15,214,728
90/89	2059	0	15,214,728	0	0	77,310	1,115,498	7.64%	255,621	459,382	15,692,532
91/90	2060	0	15,692,532	0	0	78,366	1,124,969	7.48%	277,150	478,634	16,140,083
92/91	2061	0	16,140,083	0	0	79,438	1,129,109	7.31%	300,474	498,679	16,549,477
93/92	2062	0	16,549,477	0	0	80,526	1,127,168	7.12%	324,567	519,564	16,913,040
94/93	2063	0	16,913,040	0	0	81,631	1,119,381	6.93%	344,391	541,284	17,228,377
Steve 's Plan Ends	2064	0	17,228,377	0	0	82,752	1,105,289	6.72%	363,827	563,807	17,488,784
-/95	2065	0	17,488,784	0	0	59,445	1,092,341	6.53%	450,288	425,353	17,764,927
Andrea's Plan Ends	2066	0	17,764,927	0	0	60,233	1,044,224	6.59%	455,476	1,586,196	16,827,712

x - denotes shortfall

#### Scenario : Current Scenario using Average Return

			Funds			
Event or Ages	Year	Retirement	Health Care	Travel	Leave Bequest	Ending Portfolio Value
54/53	2023	0	0	0	0	1,913,594
55/54	2024	0	0	0	0	2,102,751
56/55	2025	0	0	0	0	2,309,497
57/56	2026	0	0	0	0	2,536,539
58/57	2027	0	0	0	0	2,784,647
59/58	2028	0	0	0	0	3,056,847
Steve Retires	2029	0	18,731	0	0	3,654,679
Andrea Retires	2030	128,091	40,712	6,149	0	3,770,330
62/61	2031	132,702	44,264	6,334	0	3,931,099
63/62	2032	137,479	48,235	6,524	0	4,121,525
64/63	2033	142,429	52,571	6,720	0	4,330,176
65/64	2034	147,556	37,616	6,921	0	4,573,958
66/65	2035	152,868	20,379	7,129	0	4,858,960
67/66	2036	158,371	21,848	7,343	0	5,150,225
68/67	2037	164,073	23,468	7,563	0	5,442,551
69/68	2038	169,979	25,253	7,790	0	5,752,219
70/69	2039	176,099	27,196	8,024	0	6,080,318
71/70	2040	182,438	29,303	0	0	6,440,217
72/71	2041	189,006	31,571	0	0	6,822,483
73/72	2042	195,810	33,971	0	0	7,228,686
74/73	2043	202,859	36,494	0	0	7,660,546
75/74	2044	210,162	39,189	0	0	8,091,002
76/75	2045	217,728	42,053	0	0	8,538,310
77/76	2046	225,566	45,103	0	0	9,002,420
78/77	2047	233,687	48,299	0	0	9,481,895
79/78	2048	242,099	51,649	0	0	9,975,458
80/79	2049	250,815	55,199	0	0	10,481,618
81/80	2050	259,844	58,955	0	0	10,999,448
82/81	2051	269,199	62,913	0	0	11,526,011
83/82	2052	278,890	66,988	0	0	12,059,870
84/83	2053	288,930	71,177	0	0	12,596,999
85/84	2054	299,331	75,609	0	0	13,135,085

x - denotes shortfall

#### Scenario : Current Scenario using Average Return

			Funds	Used		
Event or Ages	Year	Retirement	Health Care	Travel	Leave Bequest	Ending Portfolio Value
86/85	2055	310,107	80,298	0	0	13,670,245
87/86	2056	321,271	85,290	0	0	14,197,947
88/87	2057	332,837	90,577	0	0	14,715,284
89/88	2058	344,819	96,176	0	0	15,214,728
90/89	2059	357,233	102,150	0	0	15,692,532
91/90	2060	370,093	108,541	0	0	16,140,083
92/91	2061	383,416	115,263	0	0	16,549,477
93/92	2062	397,219	122,345	0	0	16,913,040
94/93	2063	411,519	129,765	0	0	17,228,377
Steve 's Plan Ends	2064	426,334	137,473	0	0	17,488,784
-/95	2065	353,346	72,008	0	0	17,764,927
Andrea's Plan Ends	2066	366,066	76,173	0	1,143,956	16,827,712

#### x - denotes shortfall

### Notes

• Calculations are based on a "Rolling Year" rather than a Calendar Year. The current date begins the 365-day "Rolling Year".

- Additions and withdrawals occur at the beginning of the year.
- Other Additions come from items entered in the Other Assets section and any applicable proceeds from insurance policies.
- Stock Options and Restricted Stock values are after-tax.

• Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.

• Post Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan.

• When married, if either Social Security Program Estimate or Use a Better Estimate of Annual Benefits is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit, which is based on the other participant's benefit.

• Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expense', 'Taxes on Withdrawals' and 'Tax Penalties' are subtracted.

• The taxes column is a sum of (1) taxes on retirement income, (2) taxes on strategy income, (3) taxes on withdrawals from qualified assets for Required Minimum Distributions, (4) taxes on withdrawals from taxable assets' untaxed gain used to fund Goals in that year, (5) taxes on withdrawals from tax-deferred or qualified assets used to fund Goals in that year, and (6) taxes on the investment earnings of taxable assets. Tax rates used are detailed in the Tax and Inflation Options page. (Please note, the Taxes column does not include any taxes owed from the exercise of Stock Options or the vesting of Restricted Stock.)

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• Funds for each Goal Expense are first used from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• All funds needed for a Goal must be available in the year the Goal occurs. Funds from Earmarked Assets that become available after the Goal year(s) have passed are not included in the funding of that Goal, and accumulate until the end of the Plan.

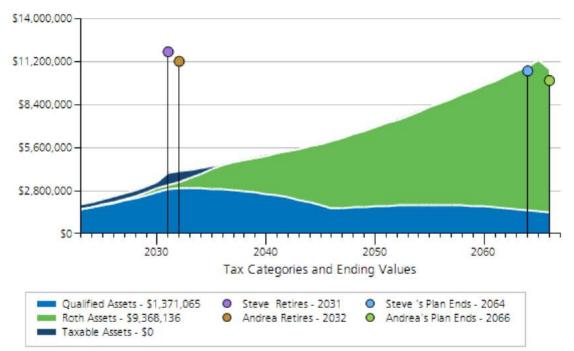
• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

#### x - denotes shortfall

### Scenario : What If Scenario 1 using Average Return

These pages provide a picture of how your Investment Portfolio may hypothetically perform over the life of this Plan. The graph shows the effect on the value of your Investment Portfolio for each year. The chart shows the detailed activities that increase and decrease your Investment Portfolio value each year including the funds needed to pay for each of your Goals. Shortfalls that occur in a particular year are denoted with an 'X' under the Goal column.

#### **Total Portfolio Value Graph**



#### x - denotes shortfall

#### Scenario : What If Scenario 1 using Average Return

Beginning Portfolio Value											
		Beginning Portfolio Value								Funds Used	
Event or Ages	Year	Earmarked	Fund All Goals	Additions To Assets	Other Additions	Post Retirement Income	Investment Earnings	Investment Return	Taxes	All Goals	Ending Portfolio Value
54/53	2023	0	1,740,550	30,252	0	0	129,647	7.32%	5,365	0	1,895,084
55/54	2024	0	1,895,084	30,759	0	0	140,999	7.32%	5,655	0	2,061,186
56/55	2025	0	2,061,186	31,265	0	0	153,197	7.32%	5,961	0	2,239,688
57/56	2026	0	2,239,688	32,272	0	0	166,339	7.32%	6,283	0	2,432,01
58/57	2027	0	2,432,017	32,780	0	0	180,458	7.32%	6,622	0	2,638,63
59/58	2028	0	2,638,632	34,287	0	0	195,695	7.32%	6,980	0	2,861,634
60/59	2029	0	2,861,634	36,794	0	0	212,206	7.32%	7,357	0	3,103,27
61/60	2030	0	3,103,277	37,802	0	0	229,971	7.32%	7,755	0	3,363,296
Steve Retires	2031	0	3,363,296	0	350,000	33,508	272,146	7.32%	23,008	21,618	3,974,325
Andrea Retires	2032	0	3,974,325	0	0	48,939	280,872	7.32%	51,670	186,177	4,066,289
64/63	2033	0	4,066,289	0	0	49,646	287,039	7.32%	52,571	194,666	4,155,73
65/64	2034	0	4,155,737	0	0	50,363	294,372	7.32%	53,504	184,708	4,262,26
66/65	2035	0	4,262,260	0	0	56,155	303,438	7.32%	54,652	172,812	4,394,39
67/66	2036	0	4,394,390	0	0	56,894	312,713	7.32%	55,630	179,057	4,529,310
68/67	2037	0	4,529,310	0	0	57,644	322,173	7.32%	56,837	185,593	4,666,69
69/68	2038	0	4,666,697	0	0	58,405	331,791	7.32%	58,332	192,438	4,806,12
70/69	2039	0	4,806,122	0	0	59,177	341,536	7.32%	59,866	199,589	4,947,38
71/70	2040	0	4,947,381	0	0	59,961	351,395	7.32%	61,440	207,055	5,090,24
72/71	2041	0	5,090,242	0	0	60,757	361,348	7.32%	63,056	214,837	5,234,454
73/72	2042	0	5,234,454	0	0	61,565	371,979	7.32%	64,715	214,725	5,388,55
74/73	2043	0	5,388,559	0	0	62,385	382,731	7.32%	66,417	222,875	5,544,384
75/74	2044	0	5,544,384	0	0	63,218	392,644	7.32%	68,163	231,360	5,700,72
76/75	2045	0	5,700,723	0	0	64,062	403,558	7.32%	69,956	240,181	5,858,20
77/76	2046	0	5,858,206	0	0	64,920	414,548	7.32%	71,796	249,359	6,016,51
78/77	2047	0	6,016,519	0	0	65,790	425,589	7.32%	10,501	258,862	6,238,53
79/78	2048	0	6,238,535	0	0	66,673	441,142	7.32%	11,131	268,703	6,466,51
80/79	2049	0	6,466,516	0	0	67,570	457,101	7.32%	11,805	278,929	6,700,45
81/80	2050	0	6,700,452	0	0	68,480	473,469	7.32%	12,456	289,552	6,940,39
82/81	2051	0	6,940,393	0	0	69,404	490,241	7.32%	13,224	300,572	7,186,242
83/82	2052	0	7,186,242	0	0	70,341	507,425	7.32%	13,955	311,920	7,438,13
84/83	2053	0	7,438,133	0	0	71,293	525,018	7.32%	14,825	323,600	7,696,01
85/84	2054	0	7,696,019	0	0	72,259	543,021	7.32%	15,642	335,735	7,959,92
86/85	2055	0	7,959,921	0	0	73,239	561,428	7.32%	16,500	348,343	8,229,74

x - denotes shortfall

### Scenario : What If Scenario 1 using Average Return

		Beginning Po	ortfolio Value							Funds Used	
Event or Ages	Year	Earmarked	Fund All Goals	Additions To Assets	Other Additions	Post Retirement Income	Investment Earnings	Investment Return	Taxes	All Goals	Ending Portfolio Value
87/86	2056	0	8,229,746	0	0	74,234	580,229	7.32%	17,398	361,471	8,505,340
88/87	2057	0	8,505,340	0	0	75,244	599,423	7.32%	18,184	375,120	8,786,703
89/88	2058	0	8,786,703	0	0	76,269	618,988	7.32%	19,154	389,311	9,073,496
90/89	2059	0	9,073,496	0	0	77,310	638,919	7.32%	19,970	404,106	9,365,648
91/90	2060	0	9,365,648	0	0	78,366	659,195	7.32%	20,791	419,550	9,662,867
92/91	2061	0	9,662,867	0	0	79,438	679,801	7.32%	21,608	435,572	9,964,926
93/92	2062	0	9,964,926	0	0	80,526	700,719	7.32%	22,411	452,207	10,271,553
94/93	2063	0	10,271,553	0	0	81,631	721,951	7.32%	22,904	469,443	10,582,787
Steve 's Plan Ends	2064	0	10,582,787	0	0	82,752	743,486	7.32%	23,328	487,245	10,898,451
-/95	2065	0	10,898,451	0	0	59,445	773,316	7.32%	29,294	366,201	11,335,716
Andrea's Plan Ends	2066	0	11,335,716	0	0	60,233	732,622	7.32%	29,150	1,360,220	10,739,201

x - denotes shortfall

#### Scenario : What If Scenario 1 using Average Return

		-	Funds	Used		
Event or Ages	Year	Retirement	Health Care	Travel	Leave Bequest	Ending Portfolio Value
54/53	2023	0	0	0	0	1,895,084
55/54	2024	0	0	0	0	2,061,186
56/55	2025	0	0	0	0	2,239,688
57/56	2026	0	0	0	0	2,432,017
58/57	2027	0	0	0	0	2,638,632
59/58	2028	0	0	0	0	2,861,634
60/59	2029	0	0	0	0	3,103,277
61/60	2030	0	0	0	0	3,363,296
Steve Retires	2031	0	21,618	0	0	3,974,325
Andrea Retires	2032	133,123	46,738	6,316	0	4,066,289
64/63	2033	137,423	50,761	6,482	0	4,155,737
65/64	2034	141,862	36,194	6,653	0	4,262,260
66/65	2035	146,444	19,540	6,828	0	4,394,390
67/66	2036	151,174	20,876	7,007	0	4,529,310
68/67	2037	156,057	22,345	7,191	0	4,666,697
69/68	2038	161,098	23,960	7,380	0	4,806,122
70/69	2039	166,301	25,713	7,575	0	4,947,381
71/70	2040	171,673	27,608	7,774	0	5,090,242
72/71	2041	177,218	29,641	7,978	0	5,234,454
73/72	2042	182,942	31,783	0	0	5,388,559
74/73	2043	188,851	34,024	0	0	5,544,384
75/74	2044	194,951	36,409	0	0	5,700,723
76/75	2045	201,247	38,934	0	0	5,858,206
77/76	2046	207,748	41,611	0	0	6,016,519
78/77	2047	214,458	44,404	0	0	6,238,535
79/78	2048	221,385	47,318	0	0	6,466,516
80/79	2049	228,536	50,394	0	0	6,700,452
81/80	2050	235,917	53,634	0	0	6,940,393
82/81	2051	243,538	57,035	0	0	7,186,242
83/82	2052	251,404	60,516	0	0	7,438,133
84/83	2053	259,524	64,076	0	0	7,696,019
85/84	2054	267,907	67,828	0	0	7,959,921

x - denotes shortfall

#### Scenario : What If Scenario 1 using Average Return

			Funds Used									
Event or Ages	Year	Retirement	Health Care	Travel	Leave Bequest	Ending Portfolio Value						
86/85	2055	276,560	71,783	0	0	8,229,746						
87/86	2056	285,493	75,978	0	0	8,505,340						
88/87	2057	294,715	80,406	0	0	8,786,703						
89/88	2058	304,234	85,077	0	0	9,073,496						
90/89	2059	314,061	90,046	0	0	9,365,648						
91/90	2060	324,205	95,346	0	0	9,662,867						
92/91	2061	334,677	100,896	0	0	9,964,926						
93/92	2062	345,487	106,721	0	0	10,271,553						
94/93	2063	356,646	112,797	0	0	10,582,787						
Steve 's Plan Ends	2064	368,165	119,080	0	0	10,898,451						
-/95	2065	304,046	62,155	0	0	11,335,716						
Andrea's Plan Ends	2066	313,866	65,521	0	980,833	10,739,201						

#### x - denotes shortfall

#### Notes

• Calculations are based on a "Rolling Year" rather than a Calendar Year. The current date begins the 365-day "Rolling Year".

- Additions and withdrawals occur at the beginning of the year.
- Other Additions come from items entered in the Other Assets section and any applicable proceeds from insurance policies.
- Stock Options and Restricted Stock values are after-tax.

• Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.

• Post Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan.

• When married, if either Social Security Program Estimate or Use a Better Estimate of Annual Benefits is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit, which is based on the other participant's benefit.

• Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expense', 'Taxes on Withdrawals' and 'Tax Penalties' are subtracted.

• The taxes column is a sum of (1) taxes on retirement income, (2) taxes on strategy income, (3) taxes on withdrawals from qualified assets for Required Minimum Distributions, (4) taxes on withdrawals from taxable assets' untaxed gain used to fund Goals in that year, (5) taxes on withdrawals from tax-deferred or qualified assets used to fund Goals in that year, and (6) taxes on the investment earnings of taxable assets. Tax rates used are detailed in the Tax and Inflation Options page. (Please note, the Taxes column does not include any taxes owed from the exercise of Stock Options or the vesting of Restricted Stock.)

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• Funds for each Goal Expense are first used from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• All funds needed for a Goal must be available in the year the Goal occurs. Funds from Earmarked Assets that become available after the Goal year(s) have passed are not included in the funding of that Goal, and accumulate until the end of the Plan.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

#### x - denotes shortfall

#### Details of "Retirement - Basic Living Expense" for Current Scenario using Average Returns

Goal	Amount	Estimated %	of Goal Funded
Retirement - Basic Living Expense			
Steve (2029)	60	100%	*****
Andrea (2030)	60		
Both Retired (2030-2064)	\$100,000		
Andrea Alone Retired (2065-2066)	\$80,000		

				Earmarked	Assets Only				Use Fund A	ll Goals Asts				
Event or Ages	Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Retirement Income	Investment Earnings	Taxes	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
54 / 53	2023	0	0	0	0	0	C	0	0	0	0	0	0	0
55 / 54	2024	0	0	0	0	0	0	0	0	0	0	0	0	0
56 / 55	2025	0	0	0	0	0	0	0	0	0	0	0	0	0
57 / 56	2026	0	0	0	0	0	0	0	0	0	0	0	0	0
58 / 57	2027	0	0	0	0	0	C	0	0	0	0	0	0	0
59 / 58	2028	0	0	0	0	0	0	0	0	0	0	0	0	0
Steve Retires	2029	0	0	0	0	0	C	0	0	0	0	0	0	0
Andrea Retires	2030	0	0	0	0	0	C	128,091	0	0	128,091	0	0	0
62 / 61	2031	0	0	0	0	0	0	132,702	0	0	132,702	0	0	0
63 / 62	2032	0	0	0	0	0	0	137,479	0	0	137,479	0	0	0
64 / 63	2033	0	0	0	0	0	0	142,429	0	0	142,429	0	0	0
65 / 64	2034	0	0	0	0	0	0	147,556	0	0	147,556	0	0	0
66 / 65	2035	0	0	0	0	0	C	152,868	0	0	152,868	0	0	0
67 / 66	2036	0	0	0	0	0	0	158,371	0	0	158,371	9,348	0	0
68 / 67	2037	0	0	0	0	0	C	164,073	0	0	164,073	22,929	0	0
69 / 68	2038	0	0	0	0	0	C	169,979	0	0	169,979	24,255	0	0
70 / 69	2039	0	0	0	0	0	C	176,099	0	0	176,099	25,649	0	0
71/70	2040	0	0	0	0	0	C		0	0	182,438	27,111	0	0
72 / 71	2041	0	0	0	0	0	0		0	0	189,006	28,642	0	0
73 / 72	2042	0		0	0	0	C		0	0	195,810	30,238	0	0
74 / 73	2043	0		0	0	0	0		0	0	202,859	31,895	0	0
75 / 74	2044	0	0	0	0	0	0		0	0	210,162	0	0	0
76 / 75	2045	0		0	0	0	C		0	0	217,728	0	0	0
77 / 76	2046	0		0	0	0	C		0		225,566	0	0	0
78/77	2047	0	0	0	0	0	0	233,687	0	0	233,687	0	0	0

Details of "Retirement -	- Basic Living Expense"	for Current Scenario using Average Returns

				Earmarked	Assets Only					Use Fund Al	l Goals Asts				
Event or Ages	Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Retirement Income	Investment Earnings	Taxes	Goal	Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
79 / 78	2048	0	0	0	0	0	(	0	242,099	0	0	242,099	0	0	0
80 / 79	2049	0	0	0	0	0	(	0	250,815	0	0	250,815	0	0	0
81 / 80	2050	0	0	0	0	0	(	0	259,844	0	0	259,844	0	0	0
82 / 81	2051	0	0	0	0	0	(	0	269,199	0	0	269,199	0	0	0
83 / 82	2052	0	0	0	0	0	(	0	278,890	0	0	278,890	0	0	0
84 / 83	2053	0	0	0	0	0	(	0	288,930	0	0	288,930	0	0	0
85 / 84	2054	0	0	0	0	0	(	0	299,331	0	0	299,331	0	0	0
86 / 85	2055	0	0	0	0	0	(	0	310,107	0	0	310,107	0	0	0
87 / 86	2056	0	0	0	0	0	(	0	321,271	0	0	321,271	0	0	0
88 / 87	2057	0	0	0	0	0	(	0	332,837	0	0	332,837	0	0	0
89 / 88	2058	0	0	0	0	0	(	0	344,819	0	0	344,819	0	0	0
90 / 89	2059	0	0	0	0	0	(	0	357,233	0	0	357,233	0	0	0
91 / 90	2060	0	0	0	0	0	(	0	370,093	0	0	370,093	0	0	0
92 / 91	2061	0	0	0	0	0	(	0	383,416	0	0	383,416	0	0	0
93 / 92	2062	0	0	0	0	0	(	0	397,219	0	0	397,219	0	0	0
94 / 93	2063	0	0	0	0	0	(	0	411,519	0	0	411,519	0	0	0
Steve 's Plan Ends	2064	0	0	0	0	0	(	0	426,334	0	0	426,334	0	0	0
- / 95	2065	0	0	0	0	0	(	0	353,346	0	0	353,346	0	0	0
Andrea's Plan Ends	2066	0	0	0	0	0	(	0	366,066	0	0	366,066	0	0	0

#### Details of "Retirement - Basic Living Expense" for Current Scenario using Average Returns

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets assigned to this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets earmarked for this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section and any applicable proceeds from insurance policies.

• Stock Options and Restricted Stock values are after-tax.

• Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.

• Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan. There are values in this column if you have assigned Retirement Income to the Retirement Goal.

• When married, if either Social Security Program Estimate or Use a Better Estimate of Annual Benefits is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit, which is based on the other participant's benefit.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The 'For Tax on Withdrawals' column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

### Details of "Health Care" for Current Scenario using Average Returns

Goal	Amount	Estimated % of Goal Funded
Health Care		
Steve Retired Before Medicare / Andrea Employed (2029)	\$13,355	
Both Retired Before Medicare (2030-2033)	\$27,436	
Steve Medicare / Andrea Retired Before Medicare (2034)	\$20,232	
Both Medicare (2035-2064)	\$10,360	
Andrea Alone Medicare (2065-2066)	\$6,745	



#### Details of "Health Care" for Current Scenario using Average Returns

	Earmarked Assets Only						Use Earma	arked Asts	Use Fund Al	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0		0	0	0		0	0	0	0	0	0
2029	0		0	0	0		0	0	18,731	0	0	0
2030	0	0	0	0	0	•	0	0	40,712	0	0	0
2031	0	0	0	0	0	,	0	0	44,264	0	0	0
2032	0	0	0	0	0	•	0	0	48,235	0	0	0
2033	0	0	0	0	0	52,571	0	0	52,571	0	0	0
2034	0	0	0	0	0		0	0	37,616	0	0	0
2035	0	0	0	0	0		0	0	20,379	0	0	0
2036	0	0	0	0	0		0	0	21,848	1,290	0	0
2037	0	0	0	0	0		0	0	23,468	3,280	0	0
2038	0	0	0	0	0		0	0	25,253	3,604	0	0
2039	0	0	0	0	0	,	0	0	27,196	3,961	0	0
2040	0	0	0	0	0		0	0	29,303	4,354	0	0
2041	0	0	0	0	0		0	0	31,571	4,784	0	0
2042	0	0	0	0	0	,	0	0	33,971	5,246	0	0
2043	0	0	0	0	0	36,494	0	0	36,494	5,738	0	0
2044	0	0	0	0	0	39,189	0	0	39,189	0	0	0
2045	0	0	0	0	0	42,053	0	0	42,053	0	0	0
2046	0	0	0	0	0	45,103	0	0	45,103	0	0	0
2047	0	0	0	0	0	48,299	0	0	48,299	0	0	0
2048	0	0	0	0	0	51,649	0	0	51,649	0	0	0
2049	0	0	0	0	0		0	0	55,199	0	0	0
2050	0	0	0	0	0	58,955	0	0	58,955	0	0	0
2051	0	0	0	0	0	62,913	0	0	62,913	0	0	0

#### Details of "Health Care" for Current Scenario using Average Returns

		Earn	narked Assets O	nly			Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	66,988	0	0	66,988	0	0	0
2053	0	0	0	0	0	71,177	0	0	71,177	0	0	0
2054	0	0	0	0	0	75,609	0	0	75,609	0	0	0
2055	0	0	0	0	0	80,298	0	0	80,298	0	0	0
2056	0	0	0	0	0	85,290	0	0	85,290	0	0	0
2057	0	0	0	0	0	90,577	0	0	90,577	0	0	0
2058	0	0	0	0	0	96,176	0	0	96,176	0	0	0
2059	0	0	0	0	0	102,150	0	0	102,150	0	0	0
2060	0	0	0	0	0	108,541	0	0	108,541	0	0	0
2061	0	0	0	0	0	115,263	0	0	115,263	0	0	0
2062	0	0	0	0	0	122,345	0	0	122,345	0	0	0
2063	0	0	0	0	0	129,765	0	0	129,765	0	0	0
2064	0	0	0	0	0	137,473	0	0	137,473	0	0	0
2065	0	0	0	0	0	72,008	0	0	72,008	0	0	0
2066	0	0	0	0	0	76,173	0	0	76,173	0	0	0

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

### Details of "Travel" for Current Scenario using Average Returns

Goal	Amount	Estimated % or	f Goal Funded
<b>Travel</b> When both are retired Recurring every year for a total of 10 times	\$5,000	100%	****



#### Details of "Travel" for Current Scenario using Average Returns

		Earr	narked Assets O	nly			Use Earma	arked Asts	Use Fund Al	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	6,149	0	0	6,149	0	0	0
2031	0	0	0	0	0	6,334	0	0	6,334	0	0	0
2032	0	0	0	0	0	6,524	0	0	6,524	0	0	0
2033	0	0	0	0	0	6,720	0	0	6,720	0	0	0
2034	0	0	0	0	0	6,921	0	0	6,921	0	0	0
2035	0	0	0	0	0	7,129	0	0	7,129	0	0	0
2036	0	0	0	0	0	7,343	0	0	7,343	1,319	0	0
2037	0	0	0	0	0	7,563	0	0	7,563	2,656	0	0
2038	0	0	0	0	0	7,790	0	0	7,790	2,736	0	0
2039	0	0	0	0	0	8,024	0	0	8,024	2,818	0	0
2040	0	0	0	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0	0	0	0
2043	0	0	0	0	0	0	0	0	0	0	0	0
2044	0	0	0	0	0	0	0	0	0	0	0	0
2045	0	0	0	0	0	0	0	0	0	0	0	0
2046	0	0	0	0	0	0	0	0	0	0	0	0
2047	0	0	0	0	0	0	0	0	0	0	0	0
2048	0	0	0	0	0	0	0	0	0	0	0	0
2049	0	0	0	0	0	0	0	0	0	0	0	0
2050	0	0	0	0	0	0	0	0	0	0	0	0
2051	0	0	0	0	0	0	0	0	0	0	0	0

#### Details of "Travel" for Current Scenario using Average Returns

		Earr	narked Assets O	nly			Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	0	0	0	0	0	0	0
2053	0	0	0	0	0	0	0	0	0	0	0	0
2054	0	0	0	0	0	0	0	0	0	0	0	0
2055	0	0	0	0	0	0	0	0	0	0	0	0
2056	0	0	0	0	0	0	0	0	0	0	0	0
2057	0	0	0	0	0	0	0	0	0	0	0	0
2058	0	0	0	0	0	0	0	0	0	0	0	0
2059	0	0	0	0	0	0	0	0	0	0	0	0
2060	0	0	0	0	0	0	0	0	0	0	0	0
2061	0	0	0	0	0	0	0	0	0	0	0	0
2062	0	0	0	0	0	0	0	0	0	0	0	0
2063	0	0	0	0	0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0	0	0	0	0	0
2065	0	0	0	0	0	0	0	0	0	0	0	0
2066	0	0	0	0	0	0	0	0	0	0	0	0

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

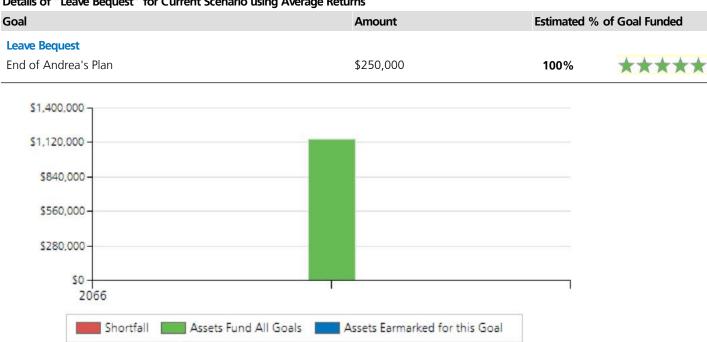
• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.



Details of "Leave Bequest" for Current Scenario using Average Returns

#### Details of "Leave Bequest" for Current Scenario using Average Returns

	Earmarked Assets Only						Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0		0	0	0	0	0	0	0	0	0	0
2029	0		0	0	0	0	0	0	0	0	0	0
2030	0		0	0	0	0	0	0	0	0	0	0
2031	0		0	0	0	0	0	0	0	0	0	0
2032	0		0	0	0	0	0	0	0	0	0	0
2033	0		0	0	0	0	0	0	0	0	0	0
2034	0		0	0	0	0	0	0	0	0	0	0
2035	0		0	0	0	0	0	0	0	0	0	0
2036	0		0	0	0	0	0	0	0	0	0	0
2037	0		0	0	0	0	0	0	0	0	0	0
2038	0		0	0	0	0	0	0	0	0	0	0
2039	0		0	0	0	0	0	0	0	0	0	0
2040	0		0	0	0	0	0	0	0	0	0	0
2041	0		0	0	0	0	0	0	0	0	0	0
2042	0		0	0	0	0	0	0	0	0	0	0
2043	0		0	0	0	0	0	0	0	0	0	0
2044	0		0	0	0	0	0	0	0	0	0	0
2045	0		0	0	0	0	0	0	0	0	0	0
2046	0		0	0	0	0	0	0	0	0	0	0
2047	0		0	0	0	0	0	0	0	0	0	0
2048	0		0	0	0	0	0	0	0	0	0	0
2049	0		0	0	0	0	0	0	0	0	0	0
2050	0		0	0	0	0	0	0	0	0	0	0
2051	0	0	0	0	0	0	0	0	0	0	0	0

#### Details of "Leave Bequest" for Current Scenario using Average Returns

		Earn	narked Assets O	nly			Use Earma	rked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	0	0	0	0	0	0	0
2053	0	0	0	0	0	0	0	0	0	0	0	0
2054	0	0	0	0	0	0	0	0	0	0	0	0
2055	0	0	0	0	0	0	0	0	0	0	0	0
2056	0	0	0	0	0	0	0	0	0	0	0	0
2057	0	0	0	0	0	0	0	0	0	0	0	0
2058	0	0	0	0	0	0	0	0	0	0	0	0
2059	0	0	0	0	0	0	0	0	0	0	0	0
2060	0	0	0	0	0	0	0	0	0	0	0	0
2061	0	0	0	0	0	0	0	0	0	0	0	0
2062	0	0	0	0	0	0	0	0	0	0	0	0
2063	0	0	0	0	0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0	0	0	0	0	0
2065	0	0	0	0	0	0	0	0	0	0	0	0
2066	0	0	0	0	0	1,143,956	0	0	1,143,956	0	0	0

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

#### Details of "Retirement - Basic Living Expense" for What If Scenario 1 using Average Returns

Goal	Amount	Estimated %	d % of Goal Funded		
Retirement - Basic Living Expense					
Steve (2031)	62	100%	*****		
Andrea (2032)	62				
Both Retired (2032-2064)	\$100,000				
Andrea Alone Retired (2065-2066)	\$80,000				

	Earmarked Assets Only								Use Fund A	l Goals Asts				
Event or Ages	Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Retirement Income	Investment Earnings	Taxes	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
54 / 53	2023	0	0	0	0	0	C	0 0	0	0	0	0	0	0
55 / 54	2024	0	0	0	0	0	C	0 0	0	0	0	0	0	0
56 / 55	2025	0	0	0	0	0	C	0 0	0	0	0	0	0	0
57 / 56	2026	0	0	0	0	0	C	0 0	0	0	0	0	0	0
58 / 57	2027	0	0	0	0	0	C	0 0	0	0	0	0	0	0
59 / 58	2028	0	0	0	0	0	C	0 0	0	0	0	0	0	0
60 / 59	2029	0	0	0	0	0	C	0 0	0	0	0	0	0	0
61 / 60	2030	0	0	0	0	0	C	0 0	0	0	0	0	0	0
Steve Retires	2031	0	0	0	0	0	C	0 0	0	0	0	0	0	0
Andrea Retires	2032	0	0	0	0	0	C	133,123	0	0	133,123	0	0	0
64 / 63	2033	0	0	0	0	0	C	137,423	0	0	137,423	0	0	0
65 / 64	2034	0	0	0	0	0	C	141,862	0	0	141,862	0	0	0
66 / 65	2035	0	0	0	0	0	C	146,444	0	0	146,444	0	0	0
67 / 66	2036	0	0	0	0	0	C	151,174	0	0	151,174	0	0	0
68 / 67	2037	0	0	0	0	0	C	156,057	0	0	156,057	0	0	0
69 / 68	2038	0	0	0	0	0	C	161,098	0	0	161,098	0	0	0
70 / 69	2039	0	0	0	0	0	C	166,301	0	0	166,301	0	0	0
71/70	2040	0	0	0	0	0	C	171,673	0	0	171,673	0	0	0
72 / 71	2041	0	0	0	0	0	C	177,218	0	0	177,218	0	0	0
73 / 72	2042	0	0	0	0	0	C	182,942	0	0	182,942	0	0	0
74/73	2043	0	0	0	0	0	C	188,851	0	0	188,851	0	0	0
75 / 74	2044	0	0	0	0	0	C	194,951	0	0	194,951	0	0	0
76 / 75	2045	0	0	0	0	0	C	201,247	0	0	201,247	0	0	0
77 / 76	2046	0	0	0	0	0	C	207,748	0	0	207,748	0	0	0
78 / 77	2047	0	0	0	0	0	C	214,458	0	0	214,458	0	0	0

#### Details of "Retirement - Basic Living Expense" for What If Scenario 1 using Average Returns

				Earmarked	Assets Only					Use Fund Al	l Goals Asts				
Event or Ages	Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Retirement Income	Investment Earnings	Taxes	G	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
79 / 78	2048	0	0	0	0	0		0	221,385	0	0	221,385	0	0	0
80 / 79	2049	0	0	0	0	0		0	228,536	0	0	228,536	0	0	0
81 / 80	2050	0	0	0	0	0		0	235,917	0	0	235,917	0	0	0
82 / 81	2051	0	0	0	0	0		0	243,538	0	0	243,538	0	0	0
83 / 82	2052	0	0	0		0		0	251,404	0	0	251,404	0	0	0
84 / 83	2053	0	0	0		0		0	259,524	0	0	259,524	0	0	0
85 / 84	2054	0	0	0		0		0	267,907	0	0	267,907	0	0	0
86 / 85	2055	0	0	0		0		0	276,560	0	0	276,560	0	0	0
87 / 86	2056	0	0	0		0		0	285,493	0	0	285,493	0	0	0
88 / 87	2057	0	0	0		0		0	294,715	0	0	294,715	0	0	0
89 / 88	2058	0	0	0	0	0		0	304,234	0	0	304,234	0	0	0
90 / 89	2059	0	0	0	0	0		0	314,061	0	0	314,061	0	0	0
91/90	2060	0	0	0		0		0	324,205	0	0	324,205	0	0	0
92 / 91	2061	0	0	0		0		0	334,677	0	0	334,677	0	0	0
93 / 92	2062	0	0	0		0		0	345,487	0	0	345,487	0	0	0
94 / 93	2063	0	0	0	0	0		0	356,646	0	0	356,646	0	0	0
Steve 's Plan Ends	2064	0	0	0	0	0	1	0	368,165	0	0	368,165	0	0	0
- / 95	2065	0	0	0	0	0		0	304,046	0	0	304,046	0	0	0
Andrea's Plan Ends	2066	0	0	0	0	0		0	313,866	0	0	313,866	0	0	0

### Details of "Retirement - Basic Living Expense" for What If Scenario 1 using Average Returns

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets assigned to this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets earmarked for this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section and any applicable proceeds from insurance policies.

• Stock Options and Restricted Stock values are after-tax.

• Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.

• Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan. There are values in this column if you have assigned Retirement Income to the Retirement Goal.

• When married, if either Social Security Program Estimate or Use a Better Estimate of Annual Benefits is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit, which is based on the other participant's benefit.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The 'For Tax on Withdrawals' column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

### Details of "Health Care" for What If Scenario 1 using Average Returns

Goal	Amount	Estimated % of Goal Funded
Health Care		
Steve Retired Before Medicare / Andrea Employed (2031)	\$14,161	
Both Retired Before Medicare (2032-2033)	\$29,040	
Steve Medicare / Andrea Retired Before Medicare (2034)	\$20,232	
Both Medicare (2035-2064)	\$10,360	
Andrea Alone Medicare (2065-2066)	\$6,745	



### Details of "Health Care" for What If Scenario 1 using Average Returns

	Earmarked Assets Only						Use Earma	irked Asts	Use Fund Al	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0		0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0		0	0	0	0	0	0
2031	0	0	0	0	0		0	0	21,618	0	0	0
2032	0		0	0	0	,	0	0	46,738	0	0	0
2033	0	0	0	0	0	50,761	0	0	50,761	0	0	0
2034	0	0	0	0	0	36,194	0	0	36,194	0	0	0
2035	0	0	0	0	0	19,540	0	0	19,540	0	0	0
2036	0	0	0	0	0	20,876	0	0	20,876	0	0	0
2037	0	0	0	0	0	22,345	0	0	22,345	0	0	0
2038	0	0	0	0	0		0	0	23,960	0	0	0
2039	0	0	0	0	0	25,713	0	0	25,713	0	0	0
2040	0	0	0	0	0	27,608	0	0	27,608	0	0	0
2041	0	0	0	0	0	29,641	0	0	29,641	0	0	0
2042	0	0	0	0	0	31,783	0	0	31,783	0	0	0
2043	0	0	0	0	0	34,024	0	0	34,024	0	0	0
2044	0	0	0	0	0	36,409	0	0	36,409	0	0	0
2045	0	0	0	0	0	38,934	0	0	38,934	0	0	0
2046	0	0	0	0	0	41,611	0	0	41,611	0	0	0
2047	0	0	0	0	0	44,404	0	0	44,404	0	0	0
2048	0	0	0	0	0	47,318	0	0	47,318	0	0	0
2049	0	0	0	0	0	50,394	0	0	50,394	0	0	0
2050	0	0	0	0	0	53,634	0	0	53,634	0	0	0
2051	0	0	0	0	0	57,035	0	0	57,035	0	0	0

#### Details of "Health Care" for What If Scenario 1 using Average Returns

		Earmarked Assets Only					Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	60,516	0	0	60,516	0	0	0
2053	0	0	0	0	0	64,076	0	0	64,076	0	0	0
2054	0	0	0	0	0	67,828	0	0	67,828	0	0	0
2055	0	0	0	0	0	71,783	0	0	71,783	0	0	0
2056	0	0	0	0	0	75,978	0	0	75,978	0	0	0
2057	0	0	0	0	0	80,406	0	0	80,406	0	0	0
2058	0	0	0	0	0	85,077	0	0	85,077	0	0	0
2059	0	0	0	0	0	90,046	0	0	90,046	0	0	0
2060	0	0	0	0	0	95,346	0	0	95,346	0	0	0
2061	0	0	0	0	0	100,896	0	0	100,896	0	0	0
2062	0	0	0	0	0	106,721	0	0	106,721	0	0	0
2063	0	0	0	0	0	112,797	0	0	112,797	0	0	0
2064	0	0	0	0	0	119,080	0	0	119,080	0	0	0
2065	0	0	0	0	0	62,155	0	0	62,155	0	0	0
2066	0	0	0	0	0	65,521	0	0	65,521	0	0	0

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

#### Details of "Travel" for What If Scenario 1 using Average Returns

Goal	Amount	Estimated % c	of Goal Funded
<b>Travel</b> When both are retired Recurring every year for a total of 10 times	\$5,000	100%	****



#### Details of "Travel" for What If Scenario 1 using Average Returns

		Earn	narked Assets O	nly			Use Earma	irked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0		0	0	0	0	0	0	0	0	0	0
2028	0		0	0	0	0	0	0	0	0	0	0
2029	0		0	0	0	0	0	0	0	0	0	0
2030	0		0	0	0	0	0	0	0	0	0	0
2031	0		0	0	0	0	0	0	0	0	0	0
2032	0		0	0	0	6,316	0	0	6,316	0	0	0
2033	0		0	0	0	6,482	0	0	6,482	0	0	0
2034	0		0	0	0	6,653	0	0	6,653	0	0	0
2035	0		0	0	0	6,828	0	0	6,828	0	0	0
2036	0		0	0	0	7,007	0	0	7,007	0	0	0
2037	0		0	0	0	7,191	0	0	7,191	0	0	0
2038	0		0	0	0	7,380	0	0	7,380	0	0	0
2039	0		0	0	0		0	0	7,575	0	0	0
2040	0		0	0	0		0	0	7,774	0	0	0
2041	0		0	0	0	7,978	0	0	7,978	0	0	0
2042	0		0	0	0	0	0	0	0	0	0	0
2043	0		0	0	0	0	0	0	0	0	0	0
2044	0		0	0	0	0	0	0	0	0	0	0
2045	0		0	0	0	0	0	0	0	0	0	0
2046	0		0	0	0		0	0	0	0	0	0
2047	0		0	0	0	0	0	0	0	0	0	0
2048	0		0	0	0	0	0	0	0	0	0	0
2049	0		0	0	0	0	0	0	0	0	0	0
2050	0		0	0	0	0	0	0	0	0	0	0
2051	0	0	0	0	0	0	0	0	0	0	0	0

#### Details of "Travel" for What If Scenario 1 using Average Returns

	Earmarked Assets Only						Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	0	0	0	0	0	0	0
2053	0	0	0	0	0	0	0	0	0	0	0	0
2054	0	0	0	0	0	0	0	0	0	0	0	0
2055	0	0	0	0	0	0	0	0	0	0	0	0
2056	0	0	0	0	0	0	0	0	0	0	0	0
2057	0	0	0	0	0	0	0	0	0	0	0	0
2058	0	0	0	0	0	0	0	0	0	0	0	0
2059	0	0	0	0	0	0	0	0	0	0	0	0
2060	0	0	0	0	0	0	0	0	0	0	0	0
2061	0	0	0	0	0	0	0	0	0	0	0	0
2062	0	0	0	0	0	0	0	0	0	0	0	0
2063	0	0	0	0	0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0	0	0	0	0	0
2065	0	0	0	0	0	0	0	0	0	0	0	0
2066	0	0	0	0	0	0	0	0	0	0	0	0

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

### Goal Amount Estimated % of Goal Funded Leave Bequest \*\*\*\* \$250,000 End of Andrea's Plan 100% \$1,200,000 \$960,000 \$720,000 \$480,000 \$240,000 \$0-2066 Assets Earmarked for this Goal Shortfall Assets Fund All Goals

Details of "Leave Bequest" for What If Scenario 1 using Average Returns

#### Details of "Leave Bequest" for What If Scenario 1 using Average Returns

		Earr	marked Assets O	nly			Use Earma	arked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2023	0	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0
2027	0		0	0	0		0	0	0	0	0	0
2028	0		0	0	0		0	0	0	0	0	0
2029	0		0	0	0		0	0	0	0	0	0
2030	0		0	0	0		0	0	0	0	0	0
2031	0		0	0	0		0	0	0	0	0	0
2032	0		0	0	0		0	0	0	0	0	0
2033	0		0	0	0		0	0	0	0	0	0
2034	0		0	0	0		0	0	0	0	0	0
2035	0		0	0	0		0	0	0	0	0	0
2036	0		0	0	0		0	0	0	0	0	0
2037	0		0	0	0		0	0	0	0	0	0
2038	0		0	0	0		0	0	0	0	0	0
2039	0		0	0	0		0	0	0	0	0	0
2040	0		0	0	0		0	0	0	0	0	0
2041	0		0	0	0		0	0	0	0	0	0
2042	0		0	0	0		0	0	0	0	0	0
2043	0		0	0	0		0	0	0	0	0	0
2044	0		0	0	0		0	0	0	0	0	0
2045	0		0	0	0		0	0	0	0	0	0
2046	0		0	0	0		0	0	0	0	0	0
2047	0		0	0	0		0	0	0	0	0	0
2048	0		0	0	0		0	0	0	0	0	0
2049	0		0	0	0		0	0	0	0	0	0
2050	0		0	0	0		0	0	0	0	0	0
2051	0	0	0	0	0	0	0	0	0	0	0	0

		Earmarked Assets Only					Use Earma	irked Asts	Use Fund All	Goals Asts		
Year	Value of Earmarked Assets	Additions To Assets	Other Additions	Investment Earnings	Tax on Earnings	Goal Expense	For Goal Expense	For Tax on Withdrawal	For Goal Expense	For Tax on Withdrawal	Tax Penalty	Shortfall
2052	0	0	0	0	0	0	0	0	0	0	0	0
2053	0	0	0	0	0	0	0	0	0	0	0	0
2054	0	0	0	0	0	0	0	0	0	0	0	0
2055	0	0	0	0	0	0	0	0	0	0	0	0
2056	0	0	0	0	0	0	0	0	0	0	0	0
2057	0	0	0	0	0	0	0	0	0	0	0	0
2058	0	0	0	0	0	0	0	0	0	0	0	0
2059	0	0	0	0	0	0	0	0	0	0	0	0
2060	0	0	0	0	0	0	0	0	0	0	0	0
2061	0	0	0	0	0	0	0	0	0	0	0	0
2062	0	0	0	0	0	0	0	0	0	0	0	0
2063	0	0	0	0	0	0	0	0	0	0	0	0
2064	0	0	0	0	0	0	0	0	0	0	0	0
2065	0	0	0	0	0	0	0	0	0	0	0	0
2066	0	0	0	0	0	980,833	0	0	980,833	0	0	0

#### Details of "Leave Bequest" for What If Scenario 1 using Average Returns

#### Notes

• Funds for each Goal Expense are used first from Earmarked Assets. If sufficient funds are not available from Earmarked Assets, Fund All Goals Assets will be used to fund the remaining portion of the Goal Expense, if available in that year.

• There are values in the columns 'Additions to Assets' and 'Other Additions' if there are assets earmarked for this Goal. Additions and withdrawals occur at the beginning of the year.

• There are values in the 'Investment Earnings' and 'Tax on Earnings' columns if there are assets assigned to this Goal. Investment Earnings are calculated on all assets after any withdrawals for 'Goal Expenses', 'Taxes on Withdrawals', and 'Tax Penalties' are subtracted.

• Taxes are calculated on the Investment Earnings of taxable assets, retirement income, and strategy income assigned to this Goal. Tax rates used are detailed in the Tax and Inflation Options page.

• Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this column, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.

• Other Additions come from items entered in the Other Assets section as well as any stock option or restricted stock proceeds, retirement income or strategy income assigned to this Goal.

• These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.

• When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

• The For Tax on Withdrawals column represents any taxes from taxable assets' untaxed gain used to fund Goals in that year as well as any taxes on withdrawals from tax-deferred or qualified assets to fund Goals in that year.

• Taxes due on Required Minimum Distributions are included in the calculations but are not illustrated separately.

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)		2030 61 / 60	2031 62 / 61	2032 63 / 62	2033 64 / 63	2034 65 / 64	2035 66 / 65	2036 67 / 66	2037 68 / 67
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	0	0	0	0	0	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	0	0	14,956	15,180	15,408	5,511	5,745	5,984
Social Security - Steve	Fund All Goals	0	31,672	32,148	32,630	33,119	33,616	34,120	34,632
Total Retirement and Strategy Income		1,836	33,508	48,939	49,646	50,363	56,155	56,894	57,644
Total Income		1,836	33,508	48,939	49,646	50,363	56,155	56,894	57,644
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	40,712	44,264	48,235	52,571	37,616	20,379	21,848	23,468
Retirement - Basic Living Expense	100.00%	128,091	132,702	137,479	142,429	147,556	152,868	158,371	164,073
Travel	100.00%	6,149	6,334	6,524	6,720	6,921	7,129	7,343	7,563
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(174,952)	(183,300)	(192,238)	(201,720)	(192,093)	(180,376)	(187,563)	(195,104)
Total Taxes and Tax Penalty		0	(91)	(1,215)	(737)	(485)	(826)	(12,694)	(29,511)
Total Outflows		(174,952)	(183,391)	(193,454)	(202,456)	(192,578)	(181,202)	(200,257)	(224,615)
Cash Surplus/Deficit (Net Income)		(173,116)	(149,883)	(144,514)	(152,810)	(142,215)	(125,047)	(143,363)	(166,971)
Portfolio Value									
Future Dollars									
Beginning Value		3,654,679	3,770,330	3,931,099	4,121,525	4,330,176	4,573,958	4,858,960	5,150,225
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		288,767	310,652	334,941	361,461	385,997	410,048	434,628	459,298
Cash Surplus/Deficit		(173,116)	(149,883)	(144,514)	(152,810)	(142,215)	(125,047)	(143,363)	(166,971)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		3,770,330	3,931,099	4,121,525	4,330,176	4,573,958	4,858,960	5,150,225	5,442,551
Current Dollars									

### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)	2030 61 / 60	2031 62 / 61	2032 63 / 62	2033 64 / 63	2034 65 / 64	2035 66 / 65	2036 67 / 66	2037 68 / 67
Ending Value	3,065,623	3,103,246	3,158,806	3,222,058	3,304,325	3,407,976	3,507,052	3,598,168
Cash Surplus/Deficit	(140,759)	(118,319)	(110,758)	(113,705)	(102,739)	(87,705)	(97,623)	(110,388)
Taxes								
Total Taxes	0	91	1,215	737	485	826	12,694	29,511
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	0.00%	10.00%	10.00%	10.00%	10.00%	10.00%	12.00%	22.00%
State Marginal and Local Tax Rate	0.00%	0.00%	2.77%	2.77%	2.77%	2.77%	3.23%	3.99%
Estimated Required Minimum Distribution (RMD)								
Steve	0	0	0	0	0	0	0	0
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Portfolio Value	3,654,679	3,770,330	3,931,099	4,121,525	4,330,176	4,573,958	4,858,960	5,150,225
Portfolio Withdrawal Rate	4.74%	3.98%	3.68%	3.71%	3.28%	2.73%	2.95%	3.24%

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)		2038 69 / 68	2039 70 / 69	2040 71 / 70	2041 72 / 71	2042 73 / 72	2043 74 / 73	2044 75 / 74	2045 76 / 75
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	6,225	6,471	6,719	6,972	7,229	7,489	7,753	8,022
Social Security - Steve	Fund All Goals	35,152	35,679	36,214	36,757	37,309	37,868	38,436	39,013
Total Retirement and Strategy Income		58,405	59,177	59,961	60,757	61,565	62,385	63,218	64,062
Total Income		58,405	59,177	59,961	60,757	61,565	62,385	63,218	64,062
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	25,253	27,196	29,303	31,571	33,971	36,494	39,189	42,053
Retirement - Basic Living Expense	100.00%	169,979	176,099	182,438	189,006	195,810	202,859	210,162	217,728
Travel	100.00%	7,790	8,024	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(203,022)	(211,318)	(211,741)	(220,577)	(229,781)	(239,353)	(249,351)	(259,781)
Total Taxes and Tax Penalty		(31,146)	(32,879)	(31,813)	(33,665)	(35,611)	(37,647)	(62,413)	(69,165)
Total Outflows		(234,168)	(244,197)	(243,554)	(254,242)	(265,392)	(277,000)	(311,765)	(328,946)
Cash Surplus/Deficit (Net Income)		(175,763)	(185,020)	(183,592)	(193,485)	(203,826)	(214,615)	(248,547)	(264,884)
Portfolio Value									
Future Dollars									
Beginning Value		5,442,551	5,752,219	6,080,318	6,440,217	6,822,483	7,228,686	7,660,546	8,091,002
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		485,431	513,119	543,491	575,751	610,030	646,475	679,003	712,193
Cash Surplus/Deficit		(175,763)	(185,020)	(183,592)	(193,485)	(203,826)	(214,615)	(248,547)	(264,884)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		5,752,219	6,080,318	6,440,217	6,822,483	7,228,686	7,660,546	8,091,002	8,538,310
Current Dollars									

### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)	2038 69 / 68	2039 70 / 69	2040 71 / 70	2041 72 / 71	2042 73 / 72	2043 74 / 73	2044 75 / 74	2045 76 / 75
Ending Value	3,692,130	3,789,053	3,896,437	4,007,489	4,122,419	4,241,459	4,349,312	4,456,080
Cash Surplus/Deficit	(112,816)	(115,298)	(111,076)	(113,652)	(116,239)	(118,827)	(133,606)	(138,241)
Taxes								
Total Taxes	31,146	32,879	31,813	33,665	35,611	37,647	62,413	69,165
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%
Estimated Required Minimum Distribution (RMD)								
Steve	0	0	0	0	0	0	311,404	338,671
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Datifalia Value	F 442 FF4	5 752 240	6 000 340	6 440 247	6 000 400	7 220 606	7.000 540	0.004.000
Adjusted Portfolio Value	5,442,551	5,752,219	6,080,318	6,440,217	6,822,483	7,228,686	7,660,546	8,091,002
Portfolio Withdrawal Rate	3.23%	3.22%	3.02%	3.00%	2.99%	2.97%	3.24%	3.27%

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)		2046 77 / 76	2047 78 / 77	2048 79 / 78	2049 80 / 79	2050 81 / 80	2051 82 / 81	2052 83 / 82	2053 84 / 83
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	8,294	8,570	8,851	9,135	9,424	9,717	10,015	10,317
Social Security - Steve	Fund All Goals	39,598	40,192	40,795	41,407	42,028	42,658	43,298	43,948
Total Retirement and Strategy Income		64,920	65,790	66,673	67,570	68,480	69,404	70,341	71,293
Total Income		64,920	65,790	66,673	67,570	68,480	69,404	70,341	71,293
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	45,103	48,299	51,649	55,199	58,955	62,913	66,988	71,177
Retirement - Basic Living Expense	100.00%	225,566	233,687	242,099	250,815	259,844	269,199	278,890	288,930
Travel	100.00%	0	0	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(270,669)	(281,986)	(293,749)	(306,014)	(318,800)	(332,112)	(345,878)	(360,107)
Total Taxes and Tax Penalty		(76,160)	(84,540)	(93,916)	(104,201)	(114,721)	(126,988)	(139,439)	(154,006)
Total Outflows		(346,829)	(366,526)	(387,664)	(410,215)	(433,521)	(459,099)	(485,316)	(514,113)
Cash Surplus/Deficit (Net Income)		(281,909)	(300,736)	(320,991)	(342,645)	(365,041)	(389,696)	(414,975)	(442,820)
Portfolio Value									
Future Dollars									
Beginning Value		8,538,310	9,002,420	9,481,895	9,975,458	10,481,618	10,999,448	11,526,011	12,059,870
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		746,019	780,211	814,554	848,805	882,871	916,259	948,833	979,949
Cash Surplus/Deficit		(281,909)	(300,736)	(320,991)	(342,645)	(365,041)	(389,696)	(414,975)	(442,820)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		9,002,420	9,481,895	9,975,458	10,481,618	10,999,448	11,526,011	12,059,870	12,596,999
Current Dollars									

### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)	2046 77 / 76	2047 78 / 77	2048 79 / 78	2049 80 / 79	2050 81 / 80	2051 82 / 81	2052 83 / 82	2053 84 / 83
Ending Value	4,561,452	4,664,464	4,764,334	4,860,271	4,951,831	5,037,752	5,117,562	5,189,797
Cash Surplus/Deficit	(142,841)	(147,942)	(153,307)	(158,883)	(164,337)	(170,327)	(176,093)	(182,436)
Taxes								
Total Taxes	76,160	84,540	93,916	104,201	114,721	126,988	139,439	154,006
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	22.00%	24.00%	24.00%	24.00%	24.00%	24.00%	24.00%	24.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%
Estimated Required Minimum Distribution (RMD)								
Steve	366,655	398,629	433,306	470,901	509,001	552,910	597,047	648,194
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Portfolio Value	8,538,310	9,002,420	9,481,895	9,975,458	10,481,618	10,999,448	11,526,011	12,059,870
Portfolio Withdrawal Rate	3.30%	3.34%	3.39%	3.43%	3.48%	3.54%	3.60%	3.67%

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)		2054 85 / 84	2055 86 / 85	2056 87 / 86	2057 88 / 87	2058 89 / 88	2059 90 / 89	2060 91 / 90	2061 92 / 91
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	10,624	10,935	11,251	11,572	11,897	12,228	12,563	12,903
Social Security - Steve	Fund All Goals	44,607	45,276	45,955	46,644	47,344	48,054	48,775	49,507
Total Retirement and Strategy Income		72,259	73,239	74,234	75,244	76,269	77,310	78,366	79,438
Total Income		72,259	73,239	74,234	75,244	76,269	77,310	78,366	79,438
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	75,609	80,298	85,290	90,577	96,176	102,150	108,541	115,263
Retirement - Basic Living Expense	100.00%	299,331	310,107	321,271	332,837	344,819	357,233	370,093	383,416
Travel	100.00%	0	0	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(374,941)	(390,406)	(406,561)	(423,414)	(440,995)	(459,382)	(478,634)	(498,679)
Total Taxes and Tax Penalty		(168,653)	(184,445)	(201,437)	(217,861)	(237,253)	(255,621)	(277,150)	(300,474)
Total Outflows		(543,594)	(574,851)	(607,998)	(641,275)	(678,247)	(715,003)	(755,784)	(799,153)
Cash Surplus/Deficit (Net Income)		(471,335)	(501,612)	(533,764)	(566,030)	(601,978)	(637,693)	(677,418)	(719,715)
Portfolio Value									
Future Dollars									
Beginning Value		12,596,999	13,135,085	13,670,245	14,197,947	14,715,284	15,214,728	15,692,532	16,140,083
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		1,009,421	1,036,773	1,061,466	1,083,368	1,101,421	1,115,498	1,124,969	1,129,109
Cash Surplus/Deficit		(471,335)	(501,612)	(533,764)	(566,030)	(601,978)	(637,693)	(677,418)	(719,715)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		13,135,085	13,670,245	14,197,947	14,715,284	15,214,728	15,692,532	16,140,083	16,549,477
Current Dollars									

### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)	2054 85 / 84	2055 86 / 85	2056 87 / 86	2057 88 / 87	2058 89 / 88	2059 90 / 89	2060 91 / 90	2061 92 / 91
Ending Value	5,253,865	5,308,663	5,352,999	5,386,455	5,407,062	5,414,432	5,406,652	5,382,323
Cash Surplus/Deficit	(188,528)	(194,795)	(201,243)	(207,192)	(213,933)	(220,025)	(226,923)	(234,070)
Taxes								
Total Taxes	168,653	184,445	201,437	217,861	237,253	255,621	277,150	300,474
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	24.00%	24.00%	24.00%	24.00%	24.00%	24.00%	32.00%	32.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%
Estimated Required Minimum Distribution (RMD)								
Steve	699,088	753,475	811,492	866,879	932,099	992,976	1,056,205	1,121,511
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Portfolio Value	12,596,999	13,135,085	13,670,245	14,197,947	14,715,284	15,214,728	15,692,532	16,140,083
Portfolio Withdrawal Rate	3.74%	3.82%	3.90%	3.99%	4.09%	4.19%	4.32%	4.46%

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)		2062 93 / 92	2063 94 / 93	2064 95 / 94	2065 - / 95	2066 - / 96
Retirement and Strategy Income	Assign To					
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	13,249	13,600	13,956	42,417	43,205
Social Security - Steve	Fund All Goals	50,249	51,003	51,768	0	0
Total Retirement and Strategy Income		80,526	81,631	82,752	59,445	60,233
Total Income		80,526	81,631	82,752	59,445	60,233
Cash Used To Fund Goals	Estimated % Funded					
Health Care	100.00%	122,345	129,765	137,473	72,008	76,173
Retirement - Basic Living Expense	100.00%	397,219	411,519	426,334	353,346	366,066
Travel	100.00%	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	1,143,956
Total Goal Funding		(519,564)	(541,284)	(563,807)	(425,353)	(1,586,196)
Total Taxes and Tax Penalty		(324,567)	(344,391)	(363,827)	(450,288)	(455,476)
Total Outflows		(844,131)	(885,675)	(927,634)	(875,641)	(2,041,672)
Cash Surplus/Deficit (Net Income)		(763,604)	(804,044)	(844,882)	(816,197)	(1,981,439)
Portfolio Value						
Future Dollars						
Beginning Value		16,549,477	16,913,040	17,228,377	17,488,784	17,764,927
Strategy Reductions		0	0	0	0	0
Investment Earnings		1,127,168	1,119,381	1,105,289	1,092,341	1,044,224
Cash Surplus/Deficit		(763,604)	(804,044)	(844,882)	(816,197)	(1,981,439)
Investment Asset Additions		0	0	0	0	0
Ending Value		16,913,040	17,228,377	17,488,784	17,764,927	16,827,712
Current Dollars						

#### Scenario : Current Scenario using Average Returns

Year Age (Steve / Andrea)	2062 93 / 92	2063 94 / 93	2064 95 / 94	2065 - / 95	2066 - / 96
Ending Value	5,340,352	5,281,477	5,205,152	5,133,340	4,720,896
Cash Surplus/Deficit	(241,111)	(246,485)	(251,461)	(235,848)	(555,879)
Taxes					
Total Taxes	324,567	344,391	363,827	450,288	455,476
Tax Penalty	0	0	0	0	0
Federal Marginal Tax Rate	32.00%	32.00%	32.00%	35.00%	35.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%
Estimated Required Minimum Distribution (RMD)					
Steve	1,188,496	1,243,383	1,296,951	0	0
Andrea	0	0	0	1,257,332	1,291,479
Qualified Strategic Distributions					
Total Qualified Strategic Distributions	0	0	0	0	0
Adjusted Portfolio Value	16,549,477	16,913,040	17,228,377	17,488,784	17,764,927
Portfolio Withdrawal Rate	4.61%	4.75%	4.90%	4.67%	11.15%

#### Scenario : Current Scenario using Average Returns

#### Notes

- Additions and withdrawals occur at the beginning of the year.
- The Income section includes Retirement Income, Strategy Income, Stock Options, Restricted Stock, Other Assets, proceeds from Insurance Policies, and any remaining asset value after 72(t) distributions have been completed.
- Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan.
- When married, if either Social Security Program Estimate or Use This Amount and Evaluate Annually is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit based on the other participant's benefit.
- Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.
- Stock Options and Restricted Stock values are after-tax.
- Income from Other Assets and proceeds from Insurance Policies are after-tax values. Any remaining asset value after 72(t) distributions have been completed is a pre-tax value.
- Investment Earnings are calculated on all assets after any withdrawals for funding Goals, taxes on withdrawals, and tax penalties, if applicable, are subtracted.
- Shortfalls that occur in a particular year are denoted with an 'x' in the Cash Used to Fund Goals section of the chart.
- Portfolio Withdrawal Rate (%) is the percentage withdrawn from the investment portfolio to cover cash deficits.

- The Total Taxes are a sum of (1) taxes on retirement income, (2) taxes on strategy income, (3) taxes on withdrawals from qualified assets for Required Minimum Distributions, (4) taxes on withdrawals from taxable assets' untaxed gain used to fund Goals in that year, (5) taxes on withdrawals from tax-deferred or qualified assets used to fund Goals in that year, and (6) taxes on the investment earnings of taxable assets. Tax rates used are detailed in the Tax and Inflation Options page. (Please note, the Total Taxes do not include any taxes owed from the exercise of Stock Options or the vesting of Restricted Stock.)
- Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this row, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.
- The Cash Surplus/Deficit is the net change in the Portfolio Value for the specified year. This value is your income and earnings minus what was spent to fund Goals minus taxes.
- The Ending Value of the Portfolio in Current Dollars is calculated by discounting the Ending Value of the Portfolio in Future Dollars by the Base Inflation Rate for this Plan.
- The Cash Surplus/Deficit in Current Dollars is calculated by discounting the Cash Surplus/Deficit in Future Dollars by the Base Inflation Rate for this Plan.
- These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.
- When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

#### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)		2032 63 / 62	2033 64 / 63	2034 65 / 64	2035 66 / 65	2036 67 / 66	2037 68 / 67	2038 69 / 68	2039 70 / 69
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	0	0	0	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	14,956	15,180	15,408	5,511	5,745	5,984	6,225	6,471
Social Security - Steve	Fund All Goals	32,148	32,630	33,119	33,616	34,120	34,632	35,152	35,679
Total Retirement and Strategy Income		48,939	49,646	50,363	56,155	56,894	57,644	58,405	59,177
Total Income		48,939	49,646	50,363	56,155	56,894	57,644	58,405	59,177
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	46,738	50,761	36,194	19,540	20,876	22,345	23,960	25,713
Retirement - Basic Living Expense	100.00%	133,123	137,423	141,862	146,444	151,174	156,057	161,098	166,301
Travel	100.00%	6,316	6,482	6,653	6,828	7,007	7,191	7,380	7,575
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(186,177)	(194,666)	(184,708)	(172,812)	(179,057)	(185,593)	(192,438)	(199,589)
Total Taxes and Tax Penalty		(51,670)	(52,571)	(53,504)	(54,652)	(55,630)	(56,837)	(58,332)	(59,866)
Total Outflows		(237,847)	(247,237)	(238,212)	(227,463)	(234,687)	(242,430)	(250,770)	(259,455)
Cash Surplus/Deficit (Net Income)		(188,907)	(197,592)	(187,849)	(171,308)	(177,793)	(184,786)	(192,365)	(200,277)
Portfolio Value									
Future Dollars									
Beginning Value		3,974,325	4,066,289	4,155,737	4,262,260	4,394,390	4,529,310	4,666,697	4,806,122
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		280,872	287,039	294,372	303,438	312,713	322,173	331,791	341,536
Cash Surplus/Deficit		(188,907)	(197,592)	(187,849)	(171,308)	(177,793)	(184,786)	(192,365)	(200,277)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		4,066,289	4,155,737	4,262,260	4,394,390	4,529,310	4,666,697	4,806,122	4,947,381
Current Dollars									

### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)	2032 63 / 62	2033 64 / 63	2034 65 / 64	2035 66 / 65	2036 67 / 66	2037 68 / 67	2038 69 / 68	2039 70 / 69
Ending Value	3,219,062	3,205,566	3,203,482	3,218,153	3,231,959	3,244,658	3,255,966	3,265,774
Cash Surplus/Deficit	(149,547)	(152,414)	(141,186)	(125,454)	(126,867)	(128,478)	(130,320)	(132,203)
Taxes								
Total Taxes	51,670	52,571	53,504	54,652	55,630	56,837	58,332	59,866
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%
Estimated Required Minimum Distribution (RMD)								
Steve	0	0	0	0	0	0	0	0
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	193,991	209,231	224,709	237,564	254,177	266,953	274,683	282,623
Adjusted Portfolio Value	3,974,325	4,066,289	4,155,737	4,262,260	4,394,390	4,529,310	4,666,697	4,806,122
Portfolio Withdrawal Rate	4.75%	4.86%	4.52%	4.02%	4.05%	4.08%	4.12%	4.17%

#### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)		2040 71 / 70	2041 72 / 71	2042 73 / 72	2043 74 / 73	2044 75 / 74	2045 76 / 75	2046 77 / 76	2047 78 / 77
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	6,719	6,972	7,229	7,489	7,753	8,022	8,294	8,570
Social Security - Steve	Fund All Goals	36,214	36,757	37,309	37,868	38,436	39,013	39,598	40,192
Total Retirement and Strategy Income		59,961	60,757	61,565	62,385	63,218	64,062	64,920	65,790
Total Income		59,961	60,757	61,565	62,385	63,218	64,062	64,920	65,790
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	27,608	29,641	31,783	34,024	36,409	38,934	41,611	44,404
Retirement - Basic Living Expense	100.00%	171,673	177,218	182,942	188,851	194,951	201,247	207,748	214,458
Travel	100.00%	7,774	7,978	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(207,055)	(214,837)	(214,725)	(222,875)	(231,360)	(240,181)	(249,359)	(258,862)
Total Taxes and Tax Penalty		(61,440)	(63,056)	(64,715)	(66,417)	(68,163)	(69,956)	(71,796)	(10,501)
Total Outflows		(268,495)	(277,893)	(279,439)	(289,292)	(299,523)	(310,137)	(321,155)	(269,364)
Cash Surplus/Deficit (Net Income)		(208,534)	(217,136)	(217,874)	(226,907)	(236,306)	(246,075)	(256,235)	(203,574)
Portfolio Value									
Future Dollars									
Beginning Value		4,947,381	5,090,242	5,234,454	5,388,559	5,544,384	5,700,723	5,858,206	6,016,519
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		351,395	361,348	371,979	382,731	392,644	403,558	414,548	425,589
Cash Surplus/Deficit		(208,534)	(217,136)	(217,874)	(226,907)	(236,306)	(246,075)	(256,235)	(203,574)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		5,090,242	5,234,454	5,388,559	5,544,384	5,700,723	5,858,206	6,016,519	6,238,535
Current Dollars									

### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)	2040 71 / 70	2041 72 / 71	2042 73 / 72	2043 74 / 73	2044 75 / 74	2045 76 / 75	2046 77 / 76	2047 78 / 77
Ending Value	3,273,971	3,280,451	3,290,489	3,298,882	3,304,981	3,309,249	3,311,584	3,345,790
Cash Surplus/Deficit	(134,126)	(136,080)	(133,043)	(135,009)	(136,998)	(139,006)	(141,036)	(109,179)
Taxes								
Total Taxes	61,440	63,056	64,715	66,417	68,163	69,956	71,796	10,501
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	22.00%	12.00%
State Marginal and Local Tax Rate	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.99%	3.23%
Estimated Required Minimum Distribution (RMD)								
Steve	0	0	0	0	89,925	86,154	80,787	74,316
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	290,780	299,158	307,765	316,606	235,762	248,861	263,809	0
Adjusted Portfolio Value	4,947,381	5,090,242	5,234,454	5,388,559	5,544,384	5,700,723	5,858,206	6,016,519
Portfolio Withdrawal Rate	4.22%	4.27%	4.16%	4.21%	4.26%	4.32%	4.37%	3.38%

#### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)		2048 79 / 78	2049 80 / 79	2050 81 / 80	2051 82 / 81	2052 83 / 82	2053 84 / 83	2054 85 / 84	2055 86 / 85
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	8,851	9,135	9,424	9,717	10,015	10,317	10,624	10,935
Social Security - Steve	Fund All Goals	40,795	41,407	42,028	42,658	43,298	43,948	44,607	45,276
Total Retirement and Strategy Income		66,673	67,570	68,480	69,404	70,341	71,293	72,259	73,239
Total Income		66,673	67,570	68,480	69,404	70,341	71,293	72,259	73,239
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	47,318	50,394	53,634	57,035	60,516	64,076	67,828	71,783
Retirement - Basic Living Expense	100.00%	221,385	228,536	235,917	243,538	251,404	259,524	267,907	276,560
Travel	100.00%	0	0	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(268,703)	(278,929)	(289,552)	(300,572)	(311,920)	(323,600)	(335,735)	(348,343)
Total Taxes and Tax Penalty		(11,131)	(11,805)	(12,456)	(13,224)	(13,955)	(14,825)	(15,642)	(16,500)
Total Outflows		(279,834)	(290,735)	(302,008)	(313,796)	(325,875)	(338,425)	(351,377)	(364,843)
Cash Surplus/Deficit (Net Income)		(213,161)	(223,165)	(233,528)	(244,392)	(255,534)	(267,132)	(279,118)	(291,604)
Portfolio Value									
Future Dollars									
Beginning Value		6,238,535	6,466,516	6,700,452	6,940,393	7,186,242	7,438,133	7,696,019	7,959,921
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		441,142	457,101	473,469	490,241	507,425	525,018	543,021	561,428
Cash Surplus/Deficit		(213,161)	(223,165)	(233,528)	(244,392)	(255,534)	(267,132)	(279,118)	(291,604)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		6,466,516	6,700,452	6,940,393	7,186,242	7,438,133	7,696,019	7,959,921	8,229,746
Current Dollars									

### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)	2048 79 / 78	2049 80 / 79	2050 81 / 80	2051 82 / 81	2052 83 / 82	2053 84 / 83	2054 85 / 84	2055 86 / 85
Ending Value	3,379,186	3,411,705	3,443,318	3,473,927	3,503,551	3,532,126	3,559,628	3,585,980
Cash Surplus/Deficit	(111,391)	(113,630)	(115,860)	(118,142)	(120,363)	(122,602)	(124,820)	(127,062)
Taxes								
Total Taxes	11,131	11,805	12,456	13,224	13,955	14,825	15,642	16,500
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
State Marginal and Local Tax Rate	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%
Estimated Required Minimum Distribution (RMD)								
Steve	79,379	84,769	90,037	96,107	101,978	108,793	115,298	122,112
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Portfolio Value	6,238,535	6,466,516	6,700,452	6,940,393	7,186,242	7,438,133	7,696,019	7,959,921
Portfolio Withdrawal Rate	3.42%	3.45%	3.49%	3.52%	3.56%	3.59%	3.63%	3.66%

#### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)		2056 87 / 86	2057 88 / 87	2058 89 / 88	2059 90 / 89	2060 91 / 90	2061 92 / 91	2062 93 / 92	2063 94 / 93
Retirement and Strategy Income	Assign To								
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192	15,192	15,192	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836	1,836	1,836	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	11,251	11,572	11,897	12,228	12,563	12,903	13,249	13,600
Social Security - Steve	Fund All Goals	45,955	46,644	47,344	48,054	48,775	49,507	50,249	51,003
Total Retirement and Strategy Income		74,234	75,244	76,269	77,310	78,366	79,438	80,526	81,631
Total Income		74,234	75,244	76,269	77,310	78,366	79,438	80,526	81,631
Cash Used To Fund Goals	Estimated % Funded								
Health Care	100.00%	75,978	80,406	85,077	90,046	95,346	100,896	106,721	112,797
Retirement - Basic Living Expense	100.00%	285,493	294,715	304,234	314,061	324,205	334,677	345,487	356,646
Travel	100.00%	0	0	0	0	0	0	0	0
Leave Bequest	100.00%	0	0	0	0	0	0	0	0
Total Goal Funding		(361,471)	(375,120)	(389,311)	(404,106)	(419,550)	(435,572)	(452,207)	(469,443)
Total Taxes and Tax Penalty		(17,398)	(18,184)	(19,154)	(19,970)	(20,791)	(21,608)	(22,411)	(22,904)
Total Outflows		(378,869)	(393,304)	(408,465)	(424,077)	(440,342)	(457,181)	(474,618)	(492,347)
Cash Surplus/Deficit (Net Income)		(304,635)	(318,060)	(332,196)	(346,767)	(361,975)	(377,742)	(394,092)	(410,717)
Portfolio Value									
Future Dollars									
Beginning Value		8,229,746	8,505,340	8,786,703	9,073,496	9,365,648	9,662,867	9,964,926	10,271,553
Strategy Reductions		0	0	0	0	0	0	0	0
Investment Earnings		580,229	599,423	618,988	638,919	659,195	679,801	700,719	721,951
Cash Surplus/Deficit		(304,635)	(318,060)	(332,196)	(346,767)	(361,975)	(377,742)	(394,092)	(410,717)
Investment Asset Additions		0	0	0	0	0	0	0	0
Ending Value		8,505,340	8,786,703	9,073,496	9,365,648	9,662,867	9,964,926	10,271,553	10,582,787
Current Dollars									

### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)	2056 87 / 86	2057 88 / 87	2058 89 / 88	2059 90 / 89	2060 91 / 90	2061 92 / 91	2062 93 / 92	2063 94 / 93
Ending Value	3,611,094	3,634,953	3,657,406	3,678,426	3,697,906	3,715,776	3,731,962	3,746,510
Cash Surplus/Deficit	(129,338)	(131,578)	(133,904)	(136,195)	(138,525)	(140,855)	(143,185)	(145,402)
Taxes								
Total Taxes	17,398	18,184	19,154	19,970	20,791	21,608	22,411	22,904
Tax Penalty	0	0	0	0	0	0	0	0
Federal Marginal Tax Rate	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
State Marginal and Local Tax Rate	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%	3.23%
Estimated Required Minimum Distribution (RMD)								
Steve	129,232	135,656	143,331	150,042	156,827	163,633	170,397	175,173
Andrea	0	0	0	0	0	0	0	0
Qualified Strategic Distributions								
Total Qualified Strategic Distributions	0	0	0	0	0	0	0	0
Adjusted Portfolio Value	8,229,746	8,505,340	8,786,703	9,073,496	9,365,648	9,662,867	9,964,926	10,271,553
Portfolio Withdrawal Rate	3.70%	3.74%	3.78%	3.82%	3.86%	3.91%	3.95%	4.00%

#### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)		2064 95 / 94	2065 - / 95	2066 - / 96
Retirement and Strategy Income	Assign To			
Andrea's OPERS Pension Income	Fund All Goals	15,192	15,192	15,192
PBGC Pension Income	Fund All Goals	1,836	1,836	1,836
Social Security - Andrea	Fund All Goals	13,956	42,417	43,205
Social Security - Steve	Fund All Goals	51,768	0	0
Total Retirement and Strategy Income		82,752	59,445	60,233
Total Income		82,752	59,445	60,233
Cash Used To Fund Goals	Estimated % Funded			
Health Care	100.00%	119,080	62,155	65,521
Retirement - Basic Living Expense	100.00%	368,165	304,046	313,866
Travel	100.00%	0	0	0
Leave Bequest	100.00%	0	0	980,833
Total Goal Funding		(487,245)	(366,201)	(1,360,220)
Total Taxes and Tax Penalty		(23,328)	(29,294)	(29,150)
Total Outflows		(510,573)	(395,496)	(1,389,369)
Cash Surplus/Deficit (Net Income)		(427,822)	(336,051)	(1,329,137)
Portfolio Value				
Future Dollars				
Beginning Value		10,582,787	10,898,451	11,335,716
Strategy Reductions		0	0	0
Investment Earnings		743,486	773,316	732,622
Cash Surplus/Deficit		(427,822)	(336,051)	(1,329,137)
Investment Asset Additions		0	0	0
Ending Value		10,898,451	11,335,716	10,739,201
Current Dollars				

### Scenario : What If Scenario 1 using Average Returns

Year Age (Steve / Andrea)	2064 95 / 94	2065 - / 95	2066 - / 96
Ending Value	3,759,389	3,810,019	3,517,028
Cash Surplus/Deficit	(147,576)	(112,949)	(435,285)
Taxes			
Total Taxes	23,328	29,294	29,150
Tax Penalty	0	0	0
Federal Marginal Tax Rate	12.00%	22.00%	22.00%
State Marginal and Local Tax Rate	3.23%	3.23%	3.23%
Estimated Required Minimum Distribution (RMD)			
Steve	179,549	0	0
Andrea	0	171,043	172,639
Qualified Strategic Distributions			
Total Qualified Strategic Distributions	0	0	0
Adjusted Deutfelie Velue	10 502 707	10 000 454	11 225 746
Adjusted Portfolio Value	10,582,787	10,898,451	11,335,716
Portfolio Withdrawal Rate	4.04%	3.08%	11.73%

### Scenario : What If Scenario 1 using Average Returns

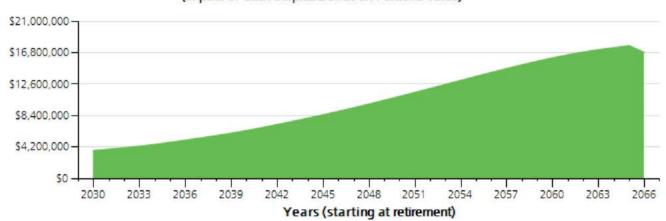
#### Notes

- Additions and withdrawals occur at the beginning of the year.
- The Income section includes Retirement Income, Strategy Income, Stock Options, Restricted Stock, Other Assets, proceeds from Insurance Policies, and any remaining asset value after 72(t) distributions have been completed.
- Retirement Income includes the following: Social Security, pension, annuity, rental property, royalty, alimony, part-time employment, trust, and any other retirement income as entered in the Plan.
- When married, if either Social Security Program Estimate or Use This Amount and Evaluate Annually is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit based on the other participant's benefit.
- Strategy Income is based on the particulars of the Goal Strategies selected. Strategy Income from immediate annuities, 72(t) distributions, and variable annuities with a guaranteed minimum withdrawal benefit (GMWB) is pre-tax. Strategy Income from Net Unrealized Appreciation (NUA) is after-tax.
- Stock Options and Restricted Stock values are after-tax.
- Income from Other Assets and proceeds from Insurance Policies are after-tax values. Any remaining asset value after 72(t) distributions have been completed is a pre-tax value.
- Investment Earnings are calculated on all assets after any withdrawals for funding Goals, taxes on withdrawals, and tax penalties, if applicable, are subtracted.
- Shortfalls that occur in a particular year are denoted with an 'x' in the Cash Used to Fund Goals section of the chart.
- Portfolio Withdrawal Rate (%) is the percentage withdrawn from the investment portfolio to cover cash deficits.

- The Total Taxes are a sum of (1) taxes on retirement income, (2) taxes on strategy income, (3) taxes on withdrawals from qualified assets for Required Minimum Distributions, (4) taxes on withdrawals from taxable assets' untaxed gain used to fund Goals in that year, (5) taxes on withdrawals from tax-deferred or qualified assets used to fund Goals in that year, and (6) taxes on the investment earnings of taxable assets. Tax rates used are detailed in the Tax and Inflation Options page. (Please note, the Total Taxes do not include any taxes owed from the exercise of Stock Options or the vesting of Restricted Stock.)
- Tax Penalties can occur when Qualified and Tax-Deferred Assets are used prior to age 59½. If there is a value in this row, it illustrates that you are using your assets in this Plan in a manner that may incur tax penalties. Generally, it is better to avoid tax penalties whenever possible.
- The Cash Surplus/Deficit is the net change in the Portfolio Value for the specified year. This value is your income and earnings minus what was spent to fund Goals minus taxes.
- The Ending Value of the Portfolio in Current Dollars is calculated by discounting the Ending Value of the Portfolio in Future Dollars by the Base Inflation Rate for this Plan.
- The Cash Surplus/Deficit in Current Dollars is calculated by discounting the Cash Surplus/Deficit in Future Dollars by the Base Inflation Rate for this Plan.
- These calculations do not incorporate penalties associated with use of 529 Plan withdrawals for non-qualified expenses.
- When married, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner. It is also assumed the surviving co-client inherits all assets of the original owner.

### Scenario : Current Scenario using Average Returns

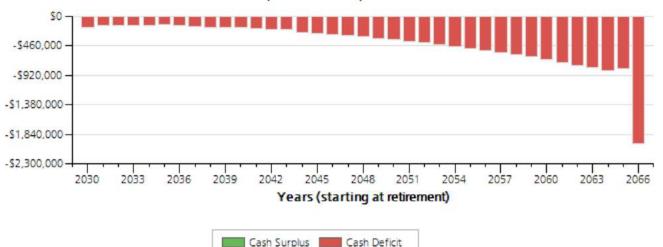
This graph shows the ending portfolio value for each year, from retirement through the End of the Plan. Amounts are shown in future dollars. The Ending Portfolio Values are estimates based on all the assumptions that you have included in this Plan.



Portfolio Value During Retirement in Future Dollars (Impact of Cash Surplus/Deficit on Portfolio Value)

### Scenario : Current Scenario using Average Returns

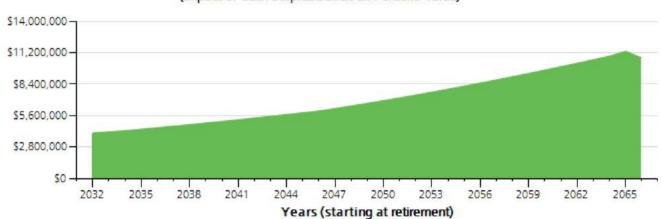
This graph shows the cash surplus or cash deficit year-by-year, from retirement through the End of the Plan. Amounts are shown in future dollars.





### Scenario : What If Scenario 1 using Average Returns

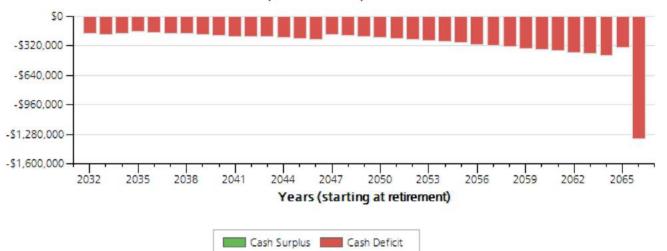
This graph shows the ending portfolio value for each year, from retirement through the End of the Plan. Amounts are shown in future dollars. The Ending Portfolio Values are estimates based on all the assumptions that you have included in this Plan.



Portfolio Value During Retirement in Future Dollars (Impact of Cash Surplus/Deficit on Portfolio Value)

### Scenario : What If Scenario 1 using Average Returns

This graph shows the cash surplus or cash deficit year-by-year, from retirement through the End of the Plan. Amounts are shown in future dollars.

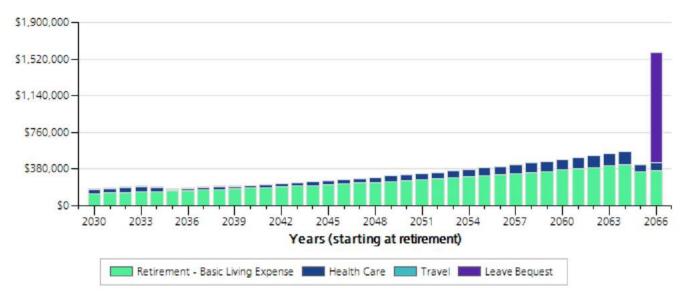




# Worksheet Detail - Cash Used to Fund Goals

### Scenario : Current Scenario using Average Returns

This graph shows the amounts available to fund each Goal from retirement through the End of the Plan. In each year, the amount available includes the portfolio principal, retirement income, investment earnings, and any lump-sum additions to the portfolio. All amounts are in after-tax, future dollars.



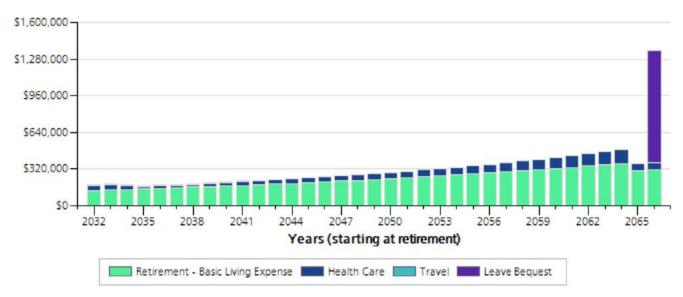
#### Notes

• The value shown for each Goal is the amount available to fund the Goal, based on all the assumptions that you have included in this Plan. In any year, this value can be less than the amount you specified for the Goal expense. This graph does not indicate whether or not you have a Goal shortfall in any year. Rather, it shows the amount of the Goal expense that was funded, assuming that you execute all aspects of the Plan as you have indicated. Goals are funded in the order specified in the Plan.

# Worksheet Detail - Cash Used to Fund Goals

### Scenario : What If Scenario 1 using Average Returns

This graph shows the amounts available to fund each Goal from retirement through the End of the Plan. In each year, the amount available includes the portfolio principal, retirement income, investment earnings, and any lump-sum additions to the portfolio. All amounts are in after-tax, future dollars.



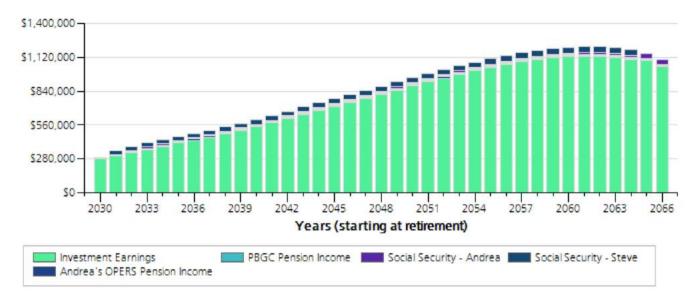
#### Notes

• The value shown for each Goal is the amount available to fund the Goal, based on all the assumptions that you have included in this Plan. In any year, this value can be less than the amount you specified for the Goal expense. This graph does not indicate whether or not you have a Goal shortfall in any year. Rather, it shows the amount of the Goal expense that was funded, assuming that you execute all aspects of the Plan as you have indicated. Goals are funded in the order specified in the Plan.

# Worksheet Detail - Sources of Income and Earnings

### Scenario : Current Scenario using Average Returns

This graph shows the income sources and investment earnings available in each year from retirement through the End of the Plan.



#### Notes

• Sources of Income can include Retirement Income, Strategy Income, Stock Options, Restricted Stock, Other Assets, proceeds from Insurance Policies, and any remaining asset value after 72(t) distributions have been completed.

• Investment Earnings are calculated on all assets after any withdrawals for funding Goals, taxes on withdrawals, and tax penalties, if applicable, are subtracted.

• All Retirement Income, Immediate Annuity Strategy Income, 72(t) Strategy Income, the remaining asset value after 72(t) distributions, Strategy income from Variable Annuities with a guaranteed minimum withdrawal benefit (GMWB), and Investment Earnings are pre-tax, future values.

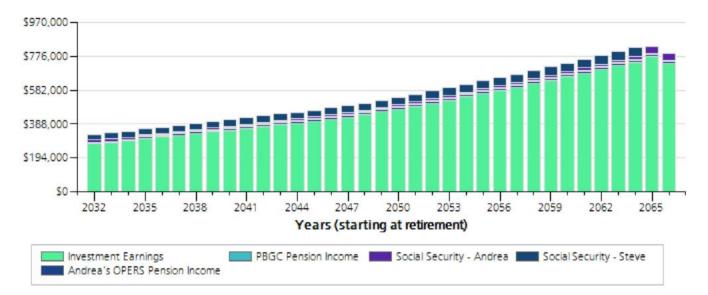
• NUA Strategy Income, Stock Options, Restricted Stock, Other Assets, and proceeds from Insurance Policies are after-tax future values.

• When married, if either Social Security Program Estimate or Use This Amount and Evaluate Annually is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit based on the other participant's benefit.

# Worksheet Detail - Sources of Income and Earnings

## Scenario : What If Scenario 1 using Average Returns

This graph shows the income sources and investment earnings available in each year from retirement through the End of the Plan.



### Notes

• Sources of Income can include Retirement Income, Strategy Income, Stock Options, Restricted Stock, Other Assets, proceeds from Insurance Policies, and any remaining asset value after 72(t) distributions have been completed.

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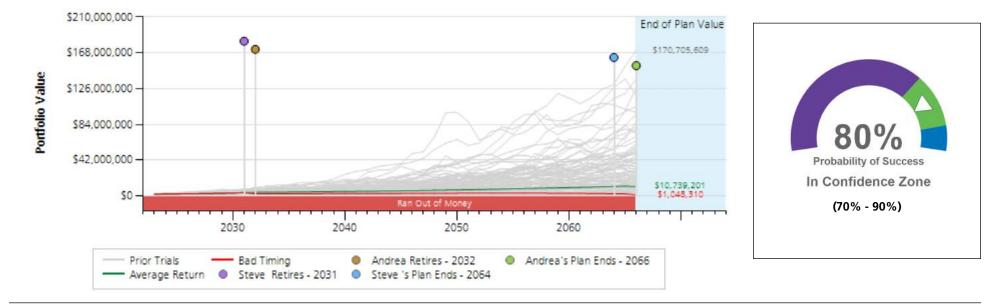
• NUA Strategy Income, Stock Options, Restricted Stock, Other Assets, and proceeds from Insurance Policies are after-tax future values.

• When married, if either Social Security Program Estimate or Use This Amount and Evaluate Annually is selected for a participant, the program will default to the greater of the selected benefit or the age adjusted spousal benefit based on the other participant's benefit.

# Worksheet Detail - Inside the Numbers Final Result

## Inside the Numbers - Final Result For What If Scenario 1

- The graph below shows the results for all 1000 Monte Carlo Trials.
- The Probability of Success meter displays the percentage of trials that were successful in funding all of your goals.
- We identify the Confidence Zone as a probability of Success between 70% and 90%.



In the table below, values are shown for the 99th, 75th, 50th, 25th and 1st percentile trials based on the End of Plan value. For each trial displayed, the corresponding portfolio value is illustrated for specific years of the plan. These trials serve as checkpoints to illustrate how the portfolio might perform over the life of the plan.

Although the graph and table help illustrate a general range of results you may expect, neither of them reflect the Final Result, your Probability of Success.

Trial Number	Percentile	Year 5	Year 10	Year 15	Year 20	Year 25	End of Plan Future Dollars	End of Plan Current Dollars	Year Money Goes to \$0
10	99th Percentile	\$2,802,825	\$7,249,242	\$14,434,578	\$30,746,649	\$51,632,249	\$170,705,609	\$55,905,128	
250	75th Percentile	\$2,752,547	\$5,874,281	\$6,514,650	\$8,282,397	\$11,595,723	\$43,130,951	\$14,125,144	
500	50th Percentile	\$2,266,779	\$3,040,219	\$3,811,226	\$3,598,457	\$5,130,763	\$17,645,188	\$5,778,700	
750	25th Percentile	\$3,436,709	\$3,741,899	\$3,343,146	\$2,855,380	\$2,396,813	\$2,082,790	\$682,102	
990	1st Percentile	\$2,455,142	\$2,132,256	\$1,527,223	\$730,292	\$0	\$0	\$0	2047

## Worksheet Detail - Allocation Comparison

### Scenario : What If Scenario 1

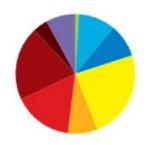
These charts compare your Current Portfolio with the Composite Portfolio you selected and show changes associated with investment strategies (if applicable) and allocation changes you should consider.

### **Current Portfolio**



	Historical Returns (1990 to 2022)	
8.28%	Total Return	7.32%
3.00%	Base Inflation Rate	2.63%
5.28%	Real Return	4.69%
-28.04%	Worst One-Year Loss (or Lowest Gain)	-30.97%
14.41%	Standard Deviation	13.57%
	Bear Market Returns	
-38%	Great Recession	-35%
13%	Bond Bear Market	11%

#### Composite Portfolio 80% Equity 20% Fixed Income



### Portfolio Comparison with Allocation Changes

Current Amount	% of Total	Asset Class	% of Total	Composite Amount	Increase / Decrease
\$383,816	22%	Cash & Cash Alternatives	1%	\$17,405	-\$366,411
\$O	0%	Short Term Bonds	10%	\$174,055	\$174,055
\$O	0%	Intermediate Term Bonds	9%	\$156,649	\$156,649
\$O	0%	Long Term Bonds	0%	\$0	\$O
\$218,207	13%	Large Cap Value Stocks	24%	\$417,732	\$199,525
\$846,425	49%	Large Cap Growth Stocks	8%	\$139,244	-\$707,181
\$176,078	10%	Mid Cap Stocks	0%	\$0	-\$176,078
\$57,186	3%	Small Cap Stocks	16%	\$278,488	\$221,302
\$7,237	0%	International Developed Stocks	20%	\$348,110	\$340,873
\$3,101	0%	International Emerging Stocks	4%	\$69,622	\$66,521
\$3,366	0%	REITs	8%	\$139,244	\$135,878
\$0	0%	Commodities	0%	\$0	\$0

\*\*The program cannot determine a Historical Return for the Unclassified asset class.

Therefore, it is not included in the calculations of the Average Historical Return for this Portfolio.

# Worksheet Detail - Allocation Comparison

### Scenario : What If Scenario 1

Current Amount	% of Total	Asset Class	% of Total	Composite Amount	Increase / Decrease
\$0	0%	Fixed Index	0%	\$O	\$O
\$0	0%	3% Fixed	0%	\$O	\$O
\$45,135	3%	Unclassified**	0%	\$O	-\$45,135
\$1,740,550				\$1,740,550	\$0

Portfolio Comparison with Allocation Changes

## \*\*The program cannot determine a Historical Return for the Unclassified asset class.

Therefore, it is not included in the calculations of the Average Historical Return for this Portfolio.

# Worksheet Detail - Portfolio Changes

Scenario: What If Scenario 1



Asset Class Group	Current Po	rtfolio	Composite Po	ortfolio	Difference	
	\$	%	\$	%	\$	%
Cash	\$383,816	22%	\$17,405	1%	-\$366,411	-21%
Bond		0%	\$330,704	19%	\$330,704	19%
Stock	\$1,308,233	75%	\$1,253,196	72%	-\$55,037	-3%
Alternative	\$3,366	0%	\$139,244	8%	\$135,878	8%
Fixed Index		0%		0%	\$0	0%
3% Fixed		0%		0%	\$0	0%
Unclassified	\$45,135	3%		0%	-\$45,135	-3%
Total:	\$1,740,550	100%	\$1,740,550	100%		

#### Scenario: What If Scenario 1

Description	Cash & Cash Alternatives	Short Term Bonds	Intermediate Term Bonds	Long Term Bonds	Large Cap Value Stocks	Large Cap Growth Stocks	Mid Cap Stocks	Small Cap Stocks	International Developed Stocks	International Emerging Stocks	REITs	Total Value
Andrea's Roth IRA												
Fidelity® Government MMkt	\$7,000											\$7,000
JTWROS												
Fidelity® Government MMkt	\$30,001											\$30,001
Fidelity® Inflation-Prot Bd Index												\$10,710
Fidelity® Select Biotechnology												\$11,265
Fidelity <sup>®</sup> Select Health Care												\$5,167
Fidelity® Select Medical Tech and Devcs												\$13,834
Other Qualified - HSA												
Account Total	\$60,000											\$60,000
Savings/Checking												
Cash	\$208,819											\$208,819
Steve's 401(k)												
American Funds Europacific Growth R6									\$2,626	5		\$2,626
Artisan Mid Cap Institutional							\$174,380					\$174,380
DFA Emerging Markets Value I										\$3,101		\$3,101
Dodge & Cox Stock					\$218,207							\$218,207
Eaton Vance Emerging Markets Local Inc I												\$4,159
Harbor Capital Appreciation Instl						\$846,425						\$846,425
Hartford Small Cap Growth Y								\$55,663				\$55,663
Northern Global Real Estate Index											\$3,366	\$3,366
Northern Small Cap Value								\$1,523				\$1,523
T. Rowe Price Mid-Cap Value							\$1,697					\$1,697
Vanguard International Value Inv									\$1,95			\$1,951
Victory Trivalent International Sm-Cp Y									\$2,659	)		\$2,659
WF Stable Value Fund	\$70,996											\$70,996

Scenario: What If Scenario 1

Description	Cash & Cash Alternatives	Short Term Bonds	Intermediate Term Bonds	Long Term Bonds	Large Cap Value Stocks	Large Cap Growth Stocks	Mid Cap Stocks	Small Cap Stocks	International Developed Stocks	International Emerging Stocks	REITs	Total Value
Steve's Roth IRA												
Fidelity® Government MMkt	\$7,000											\$7,000
Total Current Portfolio :	\$383,816	\$0	\$0	so	\$218.207	\$846,425	\$176.078	\$57,186	\$7,237	\$3,101	\$3,366	\$1,740,550
		4-	<b>4</b> 0		\$210,207	\$0 <del>4</del> 0,423	\$170,070	\$57,100	\$7,757	\$5,101	\$3,500	\$1,740,550
Increase / Decrease :	-\$366,411	\$174,055	\$156,649	\$0			-\$176,078	\$221,302	\$340,873	\$66,521	\$135,878	\$0
Increase / Decrease : Total Composite Portfolio :	••••				\$199,525	-\$707,181	-\$176,078			\$66,521		

#### Scenario: What If Scenario 1

Description	Commodities	Fixed Index	3% Fixed	Unclassified	Total Value
Andrea's Roth IRA					
Fidelity® Government MMkt					\$7,000
TWROS					\$7,000
Fidelity® Government MMkt					\$30,001
Fidelity® Inflation-Prot Bd Index				\$10,710	\$10,710
Fidelity® Select Biotechnology				\$11,265	\$11,265
Fidelity® Select Health Care				\$5,167	\$5,167
Fidelity® Select Medical Tech and Devcs				\$13,834	\$13,834
Other Qualified - HSA					
Account Total					\$60,000
Savings/Checking					
Cash					\$208,819
Steve's 401(k)					
American Funds Europacific Growth R6					\$2,626
Artisan Mid Cap Institutional					\$174,380
DFA Emerging Markets Value I					\$3,101
Dodge & Cox Stock					\$218,207
Eaton Vance Emerging Markets Local Inc I				\$4,159	\$4,159
Harbor Capital Appreciation Instl					\$846,425
Hartford Small Cap Growth Y					\$55,663
Northern Global Real Estate Index					\$3,366
Northern Small Cap Value					\$1,523
T. Rowe Price Mid-Cap Value					\$1,697
Vanguard International Value Inv					\$1,951
Victory Trivalent International Sm-Cp Y					\$2,659
WF Stable Value Fund					\$70,996

Scenario: What If Scenario 1

Description	Commodities	Fixed Index	3% Fixed	Unclassified	Total Value
Steve's Roth IRA					
Fidelity® Government MMkt					\$7,000
Total Current Portfolio :	\$0	\$0	\$0	\$45,135	\$1,740,550
Increase / Decrease :	\$0	\$0	\$0	-\$45,135	\$0
Total Composite Portfolio :	\$0	\$0	\$0	\$0	\$1,740,550
Percent of Total Value :	0%	0%	0%	0%	100%

# Worksheet Detail - Bear Market Test



## Bear Market Test for What If Scenario 1

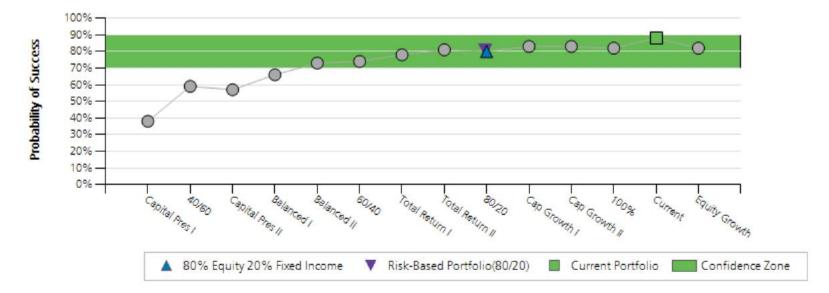
This test assumes your investment allocation matches the 80% Equity 20% Fixed Income portfolio. If your investments suffered a loss of 35% this year, your portfolio value would be reduced by \$609,192. This is the approximate loss sustained by a portfolio with a similar composition of asset classes during the Great Recession, which lasted from November 2007 through February 2009. These results show the likelihood you would be able to fund your Needs, Wants and Wishes after experiencing this loss.

# Worksheet Detail - Risk/Reward

## Risk / Reward for What If Scenario 1

Portfolio	What If Scenario 1		ment with same Results		Bear Market Loss		
		portfolio	Probability of Success	Safety Margin (Current Dollars)	Great Recession Return	Bond Bear Market Return	
		Capital Preservation I	38%	\$0	-4%	-2%	
		40% Equity 60% Fixed Income	59%	\$0	-10%	1%	
		Capital Preservation II	57%	\$0	-10%	1%	
		Balanced I	66%	\$212,930	-15%	2%	
		Balanced II	73%	\$983,438	-21%	4%	
		60% Equity 40% Fixed Income	74%	\$1,170,058	-23%	6%	
		Total Return I	78%	\$1,815,805	-26%	6%	
		Total Return II	81%	\$3,295,413	-33%	9%	
$\rightarrow$	$\rightarrow$	80% Equity 20% Fixed Income	80%	\$3,517,028	-35%	11%	
		Capital Growth I	83%	\$5,479,330	-39%	11%	
		Capital Growth II	83%	\$6,938,981	-45%	12%	
		100% Equity Aggressive Growth	82%	\$7,479,637	-48%	15%	
		Current	88%	\$11,619,890	-38%	13%	
		Equity Growth	82%	\$8,888,849	-51%	15%	

# Worksheet Detail - Risk/Reward



Risk / Reward for What If Scenario 1

# Worksheet Detail - Social Security Analysis

Social Security Strategy	Selected Strategy	As Soon As Possible	At Retirement	At FRA	At Age 70	Steve begins at age 70 and Andrea begins at FRA
Start age						
Steve	62	62	62	67	70	70
Andrea	62	62	62	67	70	67
First year benefit in current dollars						
Steve	\$28,116	\$28,116	\$28,116	\$40,166	\$49,805	\$49,805
Andrea	\$13,080	\$13,080	\$13,080	\$11,860	\$12,220	\$526
Total lifetime benefit in current dollars	\$1,226,574	\$1,226,574	\$1,226,574	\$1,607,027	\$1,720,499	\$1,733,653
Probability of success	80%	80%	80%	82%	81%	82%
Break Even Point						
Steve	N/A	N/A	N/A	76	79	78
Andrea	N/A	N/A	N/A	75	78	77

## Social Security Analysis for What If Scenario 1

# Worksheet Detail - Social Security Analysis

## Social Security Analysis for What If Scenario 1

#### Notes

#### Selected Strategy:

This is the strategy you selected.

### At FRA:

You apply for and begin retirement benefits at your Full Retirement Age (FRA), which is determined by your date of birth. If the retirement age you specified is after your FRA, we assume you will begin benefits at FRA, and we will adjust the benefit for inflation until your retirement age.

### At Retirement:

You apply for and begin retirement benefits at the retirement age shown. The benefit is automatically adjusted to account for excess earnings from part-time work and/or taking benefits prior to your FRA, if either is applicable.

### As soon as possible:

You apply for and begin benefits at the later of your current age or age 62. The benefit is automatically adjusted to account for excess earnings from part-time work, if applicable, and taking benefits prior to your FRA.

### At age 70:

You apply for and begin benefits at age 70.

### (Higher Wage Earner) begins at age 70 and (Lower Wage Earner) begins at FRA:

This strategy is available only if you are married. The higher wage earner applies for and begins benefits at age 70. The lower wage earner applies for and begins benefits at his/her FRA. The higher/lower wage earners are determined based on the employment incomes you specified.

### (Higher Wage Earner) files/suspends and (Lower Wage Earner) restricted application:

This strategy is available only if you are married and assumes that you filed for and suspended your benefits prior to April 30, 2016 and your spouse reached age 62 by January 1, 2016. The higher wage earner applies for and suspends taking benefits until age 70. The higher wage earner can file at or after his/her FRA, at which time the spouse (the lower wage earner) files for and takes spousal benefits. The spouse then files for and begins his/her own benefit at age 70, at the higher benefit amount.

The lower wage earner makes a restricted application at his/her FRA. Restricted application allows the account holder to apply only for the spousal benefit s/he would be due under dual entitlement rules. At any age beyond his/her FRA, the lower wage earner can apply for and receive benefits based on his/her own work history.

After April 30, 2016, you (or your spouse) can still file and suspend your benefits upon reaching your FRA; but this strategy (that allowed your spouse to receive spousal benefits for the same period that the benefits are suspended) has been discontinued by the Social Security Administration.

### (Lower Wage Earner) files/suspends and (Higher Wage Earner) restricted application:

This strategy is available only if you are married and assumes that you filed for and suspended your benefits prior to April 30, 2016 and your spouse reached age 62 by January 1, 2016. The lower wage earner applies for and suspends taking benefits until age 70. The lower wage earner can file at or after his/her FRA, at which time the spouse (the higher wage earner) files for and takes spousal benefits. The spouse then files for and begins his/her own benefit at age 70, at the higher benefit amount.

The higher wage earner makes a restricted application at his/her FRA. Restricted application allows the account holder to apply only for the spousal benefit s/he would be due under dual entitlement rules. At any age beyond his/her FRA, the higher wage earner can apply for and receive benefits based on his/her own work history.

After April 30, 2016, you (or your spouse) can still file and suspend your benefits upon reaching your FRA; but this strategy (that allowed your spouse to receive spousal benefits for the same period that the benefits are suspended) has been discontinued by the Social Security Administration.

### Maximized Benefits:

This is the strategy that provides the highest estimate of lifetime Social Security income, assuming you live to the age(s) shown on the Detailed Results page.

### Total Lifetime Benefit:

The total estimate of benefits you and your co-client, if applicable, would receive in your lifetime, assuming you live to the age(s) shown on the Detailed Results page. This amount is in current (non-inflated) dollars.

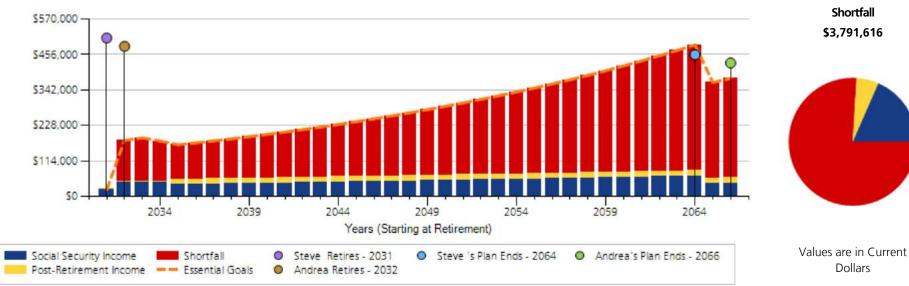
### Break Even Point:

The age(s) at which this strategy would provide greater benefits than the As Soon As Possible strategy. If you live longer than the break even age for a strategy, your total lifetime benefits using that strategy would be greater than the lifetime benefits of the "As Soon As Possible" strategy. If you are older than age 62, the break even comparison uses the strategy that begins at the earliest age(s) as the baseline for comparison.

**Income Planning** 

## Secure Income Analysis

The Income Analysis shows all the goals categorized as Needs and the sources of income beginning at retirement. Incomes and goal expenses are shown in future dollars. Social Security and Post Retirement Income are displayed as after-tax figures. The graph and figures represent one simulated trial's calculated results for the Recommended Scenario.



#### Goals

Goal		Amount	Proration
Need			
Health C	are	\$21,618	100%
Retireme	ent - Basic Living Expense	\$133,123	100%
Social Se	ecurity Income		
Include	Description	Amount	
$\checkmark$	Social Security - Steve	\$24,137	
$\checkmark$	Social Security - Andrea	\$14,187	

## Secure Income Analysis

### Post Retirement Income

Include	Description	Amount
$\checkmark$	PBGC Pension Income	\$1,322
$\checkmark$	Andrea's OPERS Pension Income	\$15,192

## **Total Income Analysis**

The Total Income Analysis shows all the goals and the sources of income beginning at retirement. Incomes and goal expenses are shown in future dollars. Social Security and Post Retirement Income are displayed as after-tax figures. The graph and figures represent one simulated trial's calculated results for the Recommended Scenario.



#### Goals

Goal	Amount
Need	
Health Care	\$21,618
Retirement - Basic Living Expense	\$133,123
Want	
Travel	\$6,316
Travel Wish	\$6,316

# **Total Income Analysis**

## Social Security Income

Description	Amount
Social Security - Steve	\$24,137
Social Security - Andrea	\$14,187
Post Retirement Income	
Description	Amount
PBGC Pension Income	\$1,322
Andrea's OPERS Pension Income	\$15,192

**Risk Management** 

## Life Insurance Analysis - Results

What Happens If Andrea Dies Early? It May Depend On How Early.

## No insurance policies are being used in the selected scenario.

## **Existing Policies**

Description	Insured	Death Benefit	Annual Cost	Cash Value	Action
Andrea's Term Life Policy (3 Years Remaining)	Andrea	\$100,000	\$0	N/A	Cancel
Andrea's Employer Term Life (10 Years Remaining)	Andrea	\$25,000	\$0	N/A	Cancel

## Life Insurance Analysis - Results

What Happens If Steve Dies Early? It May Depend On How Early.

## No insurance policies are being used in the selected scenario.

## **Existing Policies**

Description	Insured	Death Benefit	Annual Cost	Cash Value	Action
Steve's Term Life Policy (3 Years Remaining)	Steve	\$500,000	\$0	N/A	Cancel
Steve Employer Term (9 Years Remaining)	Steve	\$150,000	\$0	N/A	Cancel

# Life Insurance Analysis - Input Details

### For Steve 's Plan

### **Transition Money**

Extra Cash	\$0
Final Expenses	\$10,000
New Services	\$0 per year for 1 yrs
Other	\$0

## Individual Goals

Name	Amount
Leave Bequest	\$250,000
Travel	\$5,000

### **Expense Buckets**

Name	Amount
Living Expenses Before Retirement	
Employed	\$143,517
Steve Alone Employed	\$129,165
Living Expenses After Retirement	
Both Retired	\$100,000
Steve Alone Retired	\$0

### **Other Assets**

Name	Amount
Three Rental Properties	\$300,000

# Life Insurance Analysis - Input Details

## For Andrea's Plan

### **Transition Money**

Extra Cash	\$0
Final Expenses	\$10,000
New Services	\$0 per year for 1 yrs
Other	\$0

## Individual Goals

Name	Amount
Leave Bequest	\$250,000
Travel	\$5,000

## Expense Buckets

Name	Amount	
Living Expenses Before Retirement		
Employed	\$143,517	
Andrea Alone Employed	\$129,165	
Living Expenses After Retirement		
Both Retired	\$100,000	

\$80,000

### Other Assets

Andrea Alone Retired

Name	Amount
Three Rental Properties	\$300,000

# Life Insurance Analysis - True Cost Summary

## Survivor Plans with Proposed Policies

Steve 's Plan if Andrea Dies In This Year



Above Confidence Zone

Andrea's Plan if Steve Dies In This Year

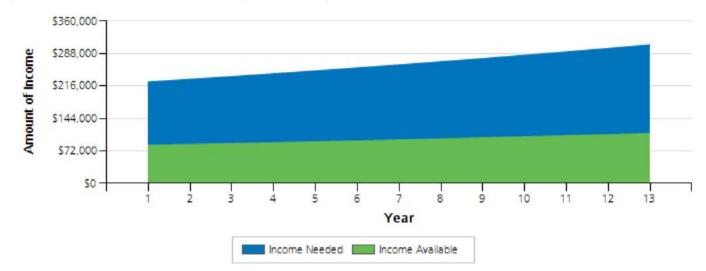


### Cost Summary

	Steve		And	Irea	Total Cost/Yr	
Period	Benefit	Cost/Yr	Benefit	Cost/Yr	<b>New Policies</b>	Increase/Decrease
2023 to Andrea Dies	\$0	\$0	\$0	\$0	\$O	\$0

## If Steve is Disabled

Disability Insurance can provide an important source of funds during the time when you are unable to work due to a prolonged illness or injury. This section compares your income needs to your income sources for various disability periods. If there is an Income Shortfall, you may want to consider the purchase of a Disability Insurance Policy.



Length of Disability	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
1 year(s)	\$225,000	\$70,000	\$15,000	\$0	\$0	\$0	-\$140,000
2 year(s)	\$230,918	\$71,841	\$15,000	\$0	\$0	\$0	-\$144,077
5 year(s)	\$249,620	\$77,660	\$15,000	\$0	\$0	\$0	-\$156,961
10 year(s)	\$284,218	\$88,423	\$15,000	\$0	\$0	\$0	-\$180,795
13 year(s)	\$307,238	\$95,585	\$15,000	\$0	\$0	\$0	-\$196,653

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

## If Steve is Disabled

### **Refine Needs Analysis**

Social Security						
Do you want to include Sc	cial Security Disability Benefits in	n the analysis?	No			
Other Income (pre-tax, cur	rent dollars)					
Start year			2023			
Stop year		2035				
Annual amount		\$15,000	\$15,000			
Will this amount increase	with inflation?		No	No		
Income Needed (pre-tax, c	urrent dollars)					
During the first year		During these years				
Month 1	\$18,750 per month	Year 2	\$18,750 per month	\$225,000 per year		
Month 2 & 3	\$18,750 per month	Year 3 - 5	\$18,750 per month	\$225,000 per year		
Month 4 & 5	\$18,750 per month	Year 6 to Age 65	\$18,750 per month	\$225,000 per year		
Month 6 - 12	\$18,750 per month					

## If Steve is Disabled

### Surplus or Shortfall During First Year

All amounts in this table are monthly, pre-tax amounts.

First Year - Month	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
1	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
2	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
3	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
4	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
5	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
6	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
7	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
8	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
9	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
10	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
11	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667
12	\$18,750	\$5,833	\$1,250	\$0	\$0	\$0	-\$11,667

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

## If Steve is Disabled

## Surplus or Shortfall by Age

All amounts in this table are annual, pre-tax amounts.

Age	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
54	\$230,918	\$71,841	\$15,000	\$0	\$0	\$0	-\$144,077
55	\$236,991	\$73,730	\$15,000	\$0	\$0	\$0	-\$148,260
56	\$243,223	\$75,670	\$15,000	\$0	\$0	\$0	-\$152,554
57	\$249,620	\$77,660	\$15,000	\$0	\$0	\$0	-\$156,961
58	\$256,185	\$79,702	\$15,000	\$0	\$0	\$0	-\$161,483
59	\$262,923	\$81,798	\$15,000	\$0	\$0	\$0	-\$166,125
60	\$269,838	\$83,950	\$15,000	\$0	\$0	\$0	-\$170,888
61	\$276,935	\$86,157	\$15,000	\$0	\$0	\$0	-\$175,777
62	\$284,218	\$88,423	\$15,000	\$0	\$0	\$0	-\$180,795
63	\$291,693	\$90,749	\$15,000	\$0	\$0	\$0	-\$185,944
64	\$299,364	\$93,136	\$15,000	\$0	\$0	\$0	-\$191,229
65	\$307,238	\$95,585	\$15,000	\$0	\$0	\$0	-\$196,653

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

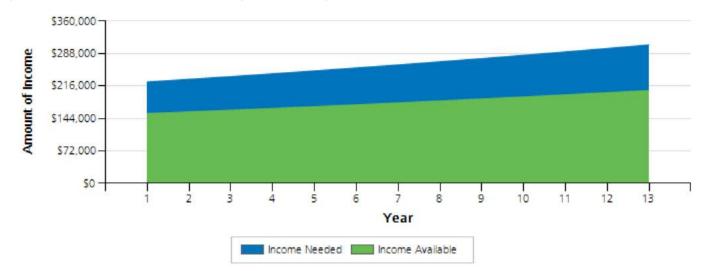
### Notes

• Disability benefits may be subject to an elimination period or benefit age cap.

• Income Needed is the amount you have indicated is necessary to maintain your standard of living during the disability period.

## If Andrea is Disabled

Disability Insurance can provide an important source of funds during the time when you are unable to work due to a prolonged illness or injury. This section compares your income needs to your income sources for various disability periods. If there is an Income Shortfall, you may want to consider the purchase of a Disability Insurance Policy.



Length of Disability	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
1 year(s)	\$225,000	\$140,000	\$15,000	\$0	\$0	\$0	-\$70,000
2 year(s)	\$230,918	\$143,682	\$15,000	\$0	\$0	\$0	-\$72,236
5 year(s)	\$249,620	\$155,319	\$15,000	\$0	\$0	\$0	-\$79,301
10 year(s)	\$284,218	\$176,847	\$15,000	\$0	\$0	\$0	-\$92,371
13 year(s)	\$307,238	\$191,170	\$15,000	\$0	\$0	\$0	-\$101,068

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

## If Andrea is Disabled

### **Refine Needs Analysis**

Social Security						
Do you want to include Sc	cial Security Disability Benefits in	n the analysis?	No			
Other Income (pre-tax, cur	rent dollars)					
Start year			2023			
Stop year		2035				
Annual amount		\$15,000	\$15,000			
Will this amount increase	with inflation?		No	No		
Income Needed (pre-tax, c	urrent dollars)					
During the first year		During these years				
Month 1	\$18,750 per month	Year 2	\$18,750 per month	\$225,000 per year		
Month 2 & 3	\$18,750 per month	Year 3 - 5	\$18,750 per month	\$225,000 per year		
Month 4 & 5	\$18,750 per month	Year 6 to Age 65	\$18,750 per month	\$225,000 per year		
Month 6 - 12	\$18,750 per month					

## If Andrea is Disabled

## Surplus or Shortfall During First Year

All amounts in this table are monthly, pre-tax amounts.

First Year - Month	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
1	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
2	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
3	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
4	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
5	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
6	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
7	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
8	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
9	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
10	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
11	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833
12	\$18,750	\$11,667	\$1,250	\$0	\$0	\$0	-\$5,833

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

## If Andrea is Disabled

## Surplus or Shortfall by Age

All amounts in this table are annual, pre-tax amounts.

Age	Income Needed	Employment Income	Other Income	Social Security Benefit	Group* Insurance	Personal Insurance	Surplus or (Shortfall)
54	\$230,918	\$143,682	\$15,000	\$0	\$0	\$0	-\$72,236
55	\$236,991	\$147,461	\$15,000	\$0	\$0	\$0	-\$74,530
56	\$243,223	\$151,339	\$15,000	\$0	\$0	\$0	-\$76,884
57	\$249,620	\$155,319	\$15,000	\$0	\$0	\$0	-\$79,301
58	\$256,185	\$159,404	\$15,000	\$0	\$0	\$0	-\$81,781
59	\$262,923	\$163,597	\$15,000	\$0	\$0	\$0	-\$84,326
60	\$269,838	\$167,899	\$15,000	\$0	\$0	\$0	-\$86,939
61	\$276,935	\$172,315	\$15,000	\$0	\$0	\$0	-\$89,620
62	\$284,218	\$176,847	\$15,000	\$0	\$0	\$0	-\$92,371
63	\$291,693	\$181,498	\$15,000	\$0	\$0	\$0	-\$95,195
64	\$299,364	\$186,271	\$15,000	\$0	\$0	\$0	-\$98,093
65	\$307,238	\$191,170	\$15,000	\$0	\$0	\$0	-\$101,068

\* The benefit amount may include an after-tax portion that has been grossed up to reflect its pre-tax value.

## Notes

• Disability benefits may be subject to an elimination period or benefit age cap.

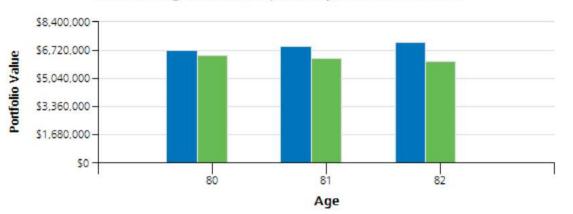
• Income Needed is the amount you have indicated is necessary to maintain your standard of living during the disability period.

# Long-Term Care Needs Analysis - Steve

### Scenario : What If Scenario 1

One of the greatest threats to the financial well-being of many people over 50 is the possible need for an extended period of Long-Term Care, either at home, in an Assisted Living Facility or in a Nursing Home. This Section demonstrates how these expenses could adversely affect your Investment Portfolio and how you might protect it with a Long-Term Care policy.

This graph shows what would happen to your portfolio if Steve enters a Nursing Home at age 80 for 3 years at an annual cost, in Current Dollars, of \$98,550 inflating at 4.50%.



## Effect of Long-Term Care Expense on your Investment Portfolio

	Portfolio Value without Long-Term Care Expense
	Portfolio Value with Long-Term Care Expense without new LTC Insurance
	Portfolio Value with Long-Term Care Expense and with new LTC Insurance
	Shortfall - Total Cumulative Expenses not covered by Portfolio
2	Shortfall - Total Cumulative Expenses not covered by Portfolio or new LTC Insurance

Total Cost of Long-Term Care :	\$970,953
Total of Existing Long-Term Care Policy Benefits :	\$0
Total Benefits from purchasing a new Long-Term Care Policy :	\$0
Amount offset by expense reduction during care period :	\$0
Net Cost of care to be paid from Portfolio :	\$970,953

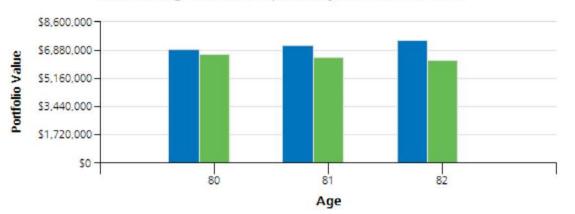
See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

# Long-Term Care Needs Analysis - Andrea

## Scenario : What If Scenario 1

One of the greatest threats to the financial well-being of many people over 50 is the possible need for an extended period of Long-Term Care, either at home, in an Assisted Living Facility or in a Nursing Home. This Section demonstrates how these expenses could adversely affect your Investment Portfolio and how you might protect it with a Long-Term Care policy.

This graph shows what would happen to your portfolio if Andrea enters a Nursing Home at age 80 for 3 years at an annual cost, in Current Dollars, of \$98,550 inflating at 4.50%.



## Effect of Long-Term Care Expense on your Investment Portfolio

Total Cost of Long-Term Care :	\$1,014,646
Total of Existing Long-Term Care Policy Benefits :	\$0
Total Benefits from purchasing a new Long-Term Care Policy :	\$0
Amount offset by expense reduction during care period :	\$0
Net Cost of care to be paid from Portfolio :	\$1,014,646

Portfolio Value without Long-Term Care Expense Portfolio Value with Long-Term Care Expense without new LTC Insurance Portfolio Value with Long-Term Care Expense and with new LTC Insurance Shortfall - Total Cumulative Expenses not covered by Portfolio Shortfall - Total Cumulative Expenses not covered by Portfolio or new LTC Insurance



## Estate Analysis Introduction

This section of your report provides a general overview of your current estate situation and shows the projected value of your estate at death. It includes an estimate of Federal Estate taxes, expenses, and the amounts to be received by your beneficiaries. If appropriate, this report also illustrates one or more estate planning strategies that you may want to consider.

Important Note: This analysis is intended solely to illustrate potential estate analysis issues. Prior to taking any action, we recommend that you review the legal and/or tax implication of this analysis with your personal legal and/or tax professional.

You have told us the following about your current Estate situation;

- Neither Steve nor Andrea have a Will.
- Neither Steve nor Andrea have a Medical Directive.
- Neither Steve nor Andrea have a Power Of Attorney.

This Estate Analysis assumes that you both maintain valid wills that bequeath all assets to each other (Simple Will). This Estate Analysis may not accurately reflect your current estate where one or both of you does not have a Simple Will. This Estate Analysis does not include review of any estate planning documents, and is based on information provided by the client or co-client as part of their overall financial analysis.

It is important that both of you have a Will that is valid and up-to-date. Your Wills should be periodically reviewed by your legal professional. You should also discuss the appropriateness of a Medical Directive and Power of Attorney with your legal professional.

You have indicated that you have not made provisions for a Bypass Trust. When this analysis illustrates the potential benefit of a Bypass Trust, it assumes that your assets will be properly titled and appropriate to fully fund the amount shown.

## The Need for Estate Planning

#### How Will You Be Remembered?

It is often said that you cannot take your money with you; however, it is somewhat comforting to know that you can determine what happens to it after you're gone. A well-designed estate plan can not only help make sure that your assets go where you want them to, but also makes the process simpler, faster, less expensive, and less painful. Such planning followed by an orderly transition of your estate can have a positive impact on the people you care about.

#### **Goal Planning is Important**

When it comes to estate taxes, the tax law seemingly penalizes those who fail to plan properly. Failure to properly plan can sometimes lead to greater estate taxes due. A well-designed estate plan can potentially reduce taxes substantially, and leave more money for your heirs.

#### Probate - Expense and Delays

Probate is the legal process for settling your Estate, which basically means that all your debts and taxes are paid and remaining assets are distributed. Probate can be time consuming and expensive, and is open to public review. A well-designed estate plan can reduce the costs of probate, save time, and even avoid probate for many assets.

#### Your Beneficiaries - Leaving More

The desire to control the ultimate disposition of that which we accumulate during our lifetime and to provide for those we care about is a strong motivation in most people. In this regard, there are many questions to answer:

- Who should get the money, and how much?
- When should they get it all at once or over time?
- Who will manage the money?
- Do you want to place restrictions on some assets such as a business or property?
- How much should go to charity?
- Who gets important tangible assets (e.g. wedding rings, family heirlooms)?
- Which assets do you want sold? Which assets should never be sold?
- Will there be enough liquidity to pay taxes?

## You - Having Enough

Estate Planning focuses on what happens after you die and includes strategies you can employ to increase the amount of your assets that pass to your beneficiaries. Some of these strategies, such as gifting and purchasing life insurance, can cost you a significant amount of money during your lifetime. While this is certainly financially helpful for your heirs, is it financially sound for you? A good estate plan also considers the impact of these strategies on you, while you're alive. You want to make sure that you will have enough money to support your own lifestyle, before spending money to help your heirs.

## Estate Analysis Introduction

#### Important Information on Assumptions

This analysis makes a number of assumptions that could significantly affect your results including, but not limited to, the following:

• Both of you are U.S. Citizens.

• For married clients, ownership of qualified assets is assumed to roll over to the surviving co-client at the death of the original owner.

• State inheritance or gift taxes have not been incorporated.

• Gift taxes are not calculated every year, but are totaled and settled at the death of the donor.

- Generation-skipping taxes, if applicable, have not been calculated.
- All custodial accounts (UGMA and/or UTMA) are not included in the estate calculations.
- All amounts contributed to 529 Savings Plans are treated as completed gifts and there is no recapture provision for any 5-year pre-funding contribution elections.
- Financial Goals such as "Gift or Donation" or "Leave a Bequest" are not reflected in the Estate Analysis.

• Bequests stipulated in your will, including charitable bequests, are not reflected in the Estate Analysis.

• In certain calculations, the Bypass Trust may not be fully funded to the available estate exemption equivalent amount due to prior gifts, titling of assets, insufficient resources, and/or other bequests.

• The current values of vested stock options are included in the gross estate. The current values of unvested stock options are included if you indicated, on the Stock Options page, that the options vest at death.

• In the event Other Assets, such as a Primary Residence or Personal Property, are used to fund the Bypass Trust, the program assumes these assets have a specific value and can in fact be used to fund the Bypass Trust.

• If applicable, the value of any payment that continues past death created by the Immediate Annuity Goal Strategy is not included in the estate calculations.

• When applicable a State's Estate Tax Brackets and Exclusion are used to estimate a potential State Estate Tax liability, because this is an estimate, State-specific Estate Tax Laws are not included in the estate analysis.

## Estate Analysis Options

#### Liabilities

What is the remaining value of Liabilities at death?	
Die Today (Liabilities in Plan = \$160,000) :	\$160,000
Die in fixed number of years :	\$255,962
Die at Life Expectancy (last death) :	\$1,396,183

#### Taxable Gifts since 1976 on which no gift tax was paid

What is the value of prior gifts in excess of the	Steve	Andrea
annual gift exclusion on which you did not pay	\$0	\$0
taxes?		

#### **Final Expenses**

#### What costs do you want to include for Final Expenses?

		At 1st Death	At 2nd Death
Funeral :		\$10,000	\$10,000
Administration Fees	Fixed Amount	\$0	\$O
	Plus % of Probate assets	2.00%	5.00%

#### Personal Exclusion Amount

#### What assumption do you want to use for the amount of the Personal Exclusion?

Maximum Personal Exclusion Amount (Current Law)

#### **Bypass Trust Funding Amount**

Portability with no Bypass Trust

\* Income in Respect of a Decedent (IRD) is income a decedent earned or was entitled to receive before death (e.g. retirement plan assets). IRD assets are excluded from the probate estate and non-IRD assets are included in the probate estate.

# Estate Analysis Current Asset Ownership Detail

This chart summarizes the current ownership and designated beneficiary(ies) of all of your Assets used in this Plan.

Note: All Qualified Retirement Plans, IRA and Tax-deferred Assets are assumed to have the spouse as the beneficiary if married with the estate as contingent beneficiary, or the estate as the beneficiary if single. All other Assets owned individually or jointly are assumed to operate as prescribed by applicable law. We do not provide legal or tax advice. Please consult with your tax and/or legal professional to review the ownership and beneficiary designations and their legal and tax implications since they can have a significant impact on the distribution of assets at your death and whether or not certain basic estate strategies can be implemented.

				Joint (A	ndrea)				
Description	Steve	Andrea	Survivorship	Common	Entirety	Community Property	Joint (Other)	Total	Beneficiaries
Investment Assets									
Employer Retirement Plans									
Other Qualified - HSA	\$60,000							\$60,000	
Steve's 401(k)	\$1,386,754							\$1,386,754	Co-Client of Insured (100%)
Individual Retirement Accounts									
Andrea's Roth IRA		\$7,000							Co-Client of Insured (100%)
Steve's Roth IRA	\$7,000							\$7,000	Co-Client of Insured (100%)
Taxable and/or Tax-Free Accounts									
JTWROS			\$70,977					\$70,977	
Savings/Checking			\$208,819					\$208,819	
Total Investment Assets	\$1,453,754	\$7,000	\$279,795	\$0	\$0	\$0	\$0	\$1,740,550	
Other Assets									
Home and Personal Assets									
Home - 357 Blue Jay Way			\$305,000					\$305,000	
Business and Property									
Three Rental Properties			\$300,000					\$300,000	
Total Other Assets	\$0	\$0	\$605,000	\$0	\$0	\$0	\$0	\$605,000	
Total Assets :	\$1,453,754	\$7,000	\$884,795	\$0	\$0	\$0	\$0	\$2,345,550	

Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea, Both Dying in Ohio **Current Estate** 

Federal Estate Tax :	\$0
State Estate Tax :	\$0
Estate Expenses :	-\$262,990
Amount to Heirs :	\$2,857,560
Amount to Heirs	
Net Estate Value :	\$2,857,560
Bypass Trust :	\$O
Other Life Insurance :	\$O
Life Insurance To Charity :	\$0
Life Insurance in Trust :	\$0
Other Previous Gifts :	\$0
Total Transfer to Heirs :	\$2,857,560
Cash Needed to Pay Tax and Expenses	
Shortfall at First Death :	\$O
Shortfall at Second Death :	\$0

#### Notes

• Prior gifts are not included in the amount to heirs.

Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve , Both Dying in Ohio **Current Estate** 

Federal Estate Tax :	\$0
State Estate Tax :	\$0
Estate Expenses :	-\$262,990
Amount to Heirs :	\$2,857,560
Amount to Heirs	
Net Estate Value :	\$2,857,560
Bypass Trust :	\$0
Other Life Insurance :	\$0
Life Insurance To Charity :	\$0
Life Insurance in Trust :	\$0
Other Previous Gifts :	\$0
Total Transfer to Heirs :	\$2,857,560
Cash Needed to Pay Tax and Expenses	
Shortfall at First Death :	\$0
Shortfall at Second Death :	\$0

#### Notes

• Prior gifts are not included in the amount to heirs.

## Estate Analysis Results Individual Detail

#### Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea

Steve 's Estate

	Current Estate	
Gross Estate in 2023	\$2,546,152	
Total Deductions and Expenses	-\$2,546,152	
Taxable Estate	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
Bypass Trust - Remaining Personal Exclusion (DSUEA)	\$0	
Spousal Transfer	\$2,536,152	
Other Transfers	\$0	

#### Andrea's Estate

	Current Estate	
Gross Estate in 2023	\$3,110,550	
Total Deductions and Expenses	-\$252,990	
Taxable Estate	\$2,857,560	
Amount Transferred to Bypass Trust	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
	Current Estate	
Amount to Heirs	\$2,857,560	

#### Notes

• DSUEA – Deceased Spouse Unused Exclusion Amount

## Estate Analysis Results Individual Detail

#### Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve

Andrea's Estate

	Current Estate	
Gross Estate in 2023	\$574,398	
Total Deductions and Expenses	-\$574,398	
Taxable Estate	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
Bypass Trust - Remaining Personal Exclusion (DSUEA)	\$0	
Spousal Transfer	\$564,398	
Other Transfers	\$0	

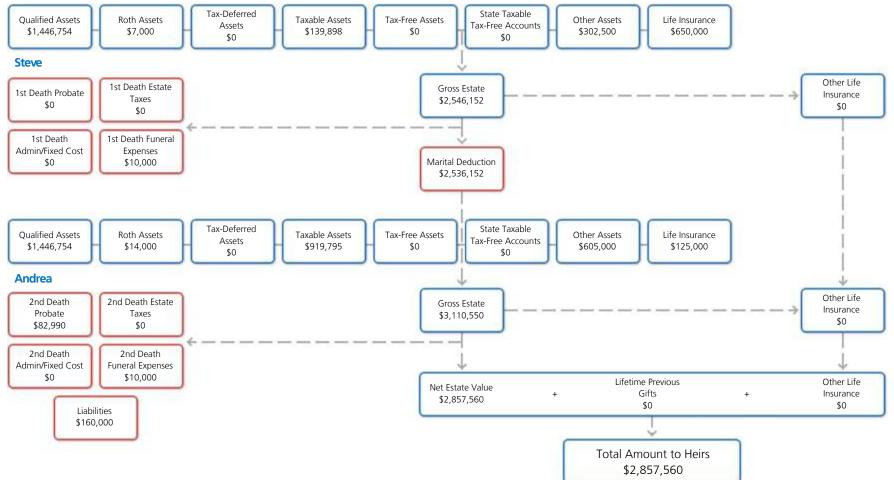
#### Steve 's Estate

	Current Estate	
Gross Estate in 2023	\$3,110,550	
Total Deductions and Expenses	-\$252,990	
Taxable Estate	\$2,857,560	
Amount Transferred to Bypass Trust	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
	Current Estate	
Amount to Heirs	\$2,857,560	

#### Notes

• DSUEA – Deceased Spouse Unused Exclusion Amount

## Estate Analysis Results Flowchart



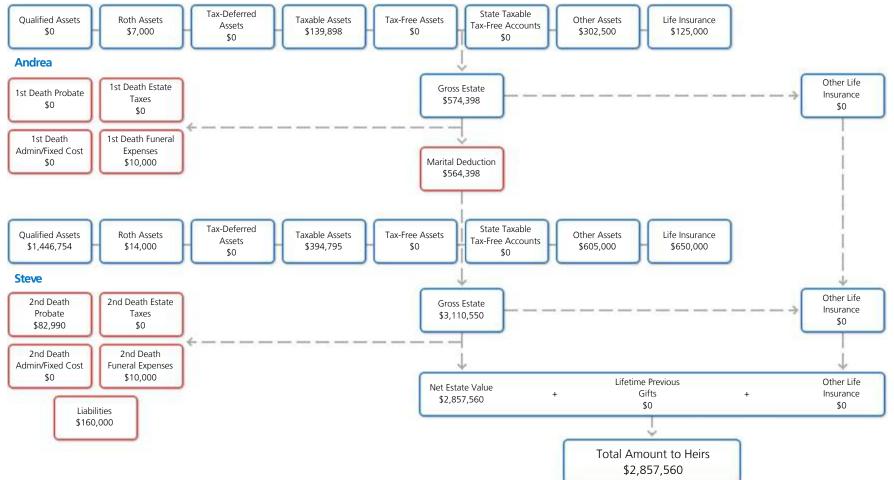
#### Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea, Current Estate - Will without Bypass Trust

#### Notes

- Gross Estate amounts may include the value of reverted gifts.
- Other Life Insurance includes policies where the first person to die is the owner and insured and the beneficiary of the policy is not the co-client or estate.
- Gross Estate amounts do not include the value of prior gifts.

• The Bypass Trust may not be fully funded to the available estate exemption equivalent amount due to prior gifts, titling of assets, insufficient resources, and/or other bequests.

## Estate Analysis Results Flowchart



#### Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve , Current Estate - Will without Bypass Trust

#### Notes

- Gross Estate amounts may include the value of reverted gifts.
- Other Life Insurance includes policies where the first person to die is the owner and insured and the beneficiary of the policy is not the co-client or estate.
- Gross Estate amounts do not include the value of prior gifts.
- The Bypass Trust may not be fully funded to the available estate exemption equivalent amount due to prior gifts, titling of assets, insufficient resources, and/or other bequests.

Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea, Both Dying in Ohio

**Estate Scenario 1** 

Federal Estate Tax :	\$0
State Estate Tax :	\$0
Estate Expenses :	-\$262,990
Amount to Heirs :	\$2,857,560
Amount to Heirs	
Net Estate Value :	\$2,857,560
Bypass Trust :	\$0
Other Life Insurance :	\$0
Life Insurance To Charity :	\$0
Life Insurance in Trust :	\$0
Other Previous Gifts :	\$0
Total Transfer to Heirs :	\$2,857,560
Cash Needed to Pay Tax and Expenses	
Shortfall at First Death :	\$O
Shortfall at Second Death :	\$0

#### Notes

• Prior gifts are not included in the amount to heirs.

Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve , Both Dying in Ohio

**Estate Scenario 1** 

Federal Estate Tax :	\$0
State Estate Tax :	\$0
Estate Expenses :	-\$262,990
Amount to Heirs :	\$2,857,560
Amount to Heirs	
Net Estate Value :	\$2,857,560
Bypass Trust :	\$O
Other Life Insurance :	\$O
Life Insurance To Charity :	\$O
Life Insurance in Trust :	\$0
Other Previous Gifts :	\$0
Total Transfer to Heirs :	\$2,857,560
Cash Needed to Pay Tax and Expenses	
Shortfall at First Death :	\$0
Shortfall at Second Death :	\$0

#### Notes

• Prior gifts are not included in the amount to heirs.

#### Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea

Steve 's Estate

	Estate Scenario 1	
Gross Estate in 2023	\$2,546,152	
Total Deductions and Expenses	-\$2,546,152	
Taxable Estate	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
Bypass Trust - Remaining Personal Exclusion (DSUEA)	\$0	
Spousal Transfer	\$2,536,152	
Other Transfers	\$0	

#### Andrea's Estate

	Estate Scenario 1	
Gross Estate in 2023	\$3,110,550	
Total Deductions and Expenses	-\$252,990	
Taxable Estate	\$2,857,560	
Amount Transferred to Bypass Trust	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
	Estate Scenario 1	
Amount to Heirs	\$2,857,560	
Amount to news	\$2,857,560	

#### Notes

• DSUEA – Deceased Spouse Unused Exclusion Amount

#### Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve

Andrea's Estate

	Estate Scenario 1	
Gross Estate in 2023	\$574,398	
Total Deductions and Expenses	-\$574,398	
Taxable Estate	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
Bypass Trust - Remaining Personal Exclusion (DSUEA)	\$0	
Spousal Transfer	\$564,398	
Other Transfers	\$0	

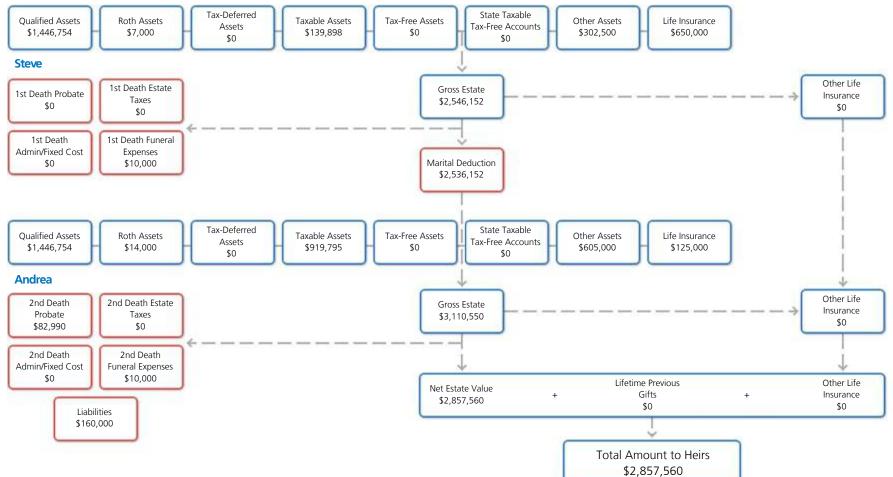
#### Steve 's Estate

	Estate Scenario 1	
Gross Estate in 2023	\$3,110,550	
Total Deductions and Expenses	-\$252,990	
Taxable Estate	\$2,857,560	
Amount Transferred to Bypass Trust	\$0	
Ohio State Estate Tax	\$0	
Federal Estate Tax	\$0	
Total Estate Taxes	\$0	
	Estate Scenario 1	
Amount to Heirs	\$2,857,560	

#### Notes

• DSUEA – Deceased Spouse Unused Exclusion Amount

# Estate Analysis What If Results Individual Detail



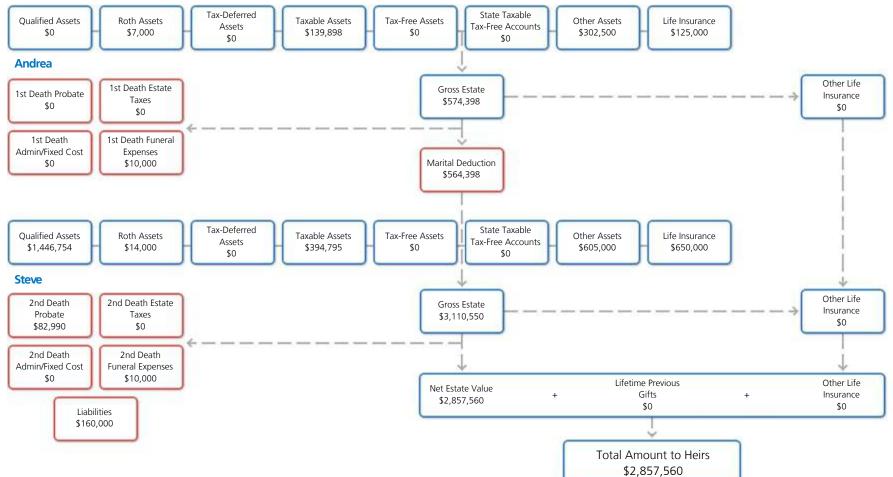
#### Using What If Scenario 1 - Both Die today - Steve Predeceases Andrea, Estate Scenario 1

#### Notes

- Gross Estate amounts may include the value of reverted gifts.
- Other Life Insurance includes policies where the first person to die is the owner and insured and the beneficiary of the policy is not the co-client or estate.
- Gross Estate amounts do not include the value of prior gifts.

• The Bypass Trust may not be fully funded to the available estate exemption equivalent amount due to prior gifts, titling of assets, insufficient resources, and/or other bequests.

# Estate Analysis What If Results Individual Detail



#### Using What If Scenario 1 - Both Die today - Andrea Predeceases Steve , Estate Scenario 1

#### Notes

- Gross Estate amounts may include the value of reverted gifts.
- Other Life Insurance includes policies where the first person to die is the owner and insured and the beneficiary of the policy is not the co-client or estate.
- Gross Estate amounts do not include the value of prior gifts.

• The Bypass Trust may not be fully funded to the available estate exemption equivalent amount due to prior gifts, titling of assets, insufficient resources, and/or other bequests.

**Employer Stock Plans** 



## Aspirational Cash Reserve Strategy

This optional strategy simulates setting aside funds to establish an account to fund goals outside of your Plan. These funds are segmented out of the investment portfolio and are never spent. Rather, the assets are grown based on the specified investment option and the potential balances are displayed. Generally, this strategy is included when you have excess funds after fulfilling your financial goals and used to create a legacy or to fund discretionary objectives.

## Asset Allocation

Asset Allocation is the process of determining what portions of your portfolio holdings are to be invested in the various asset classes.

## Asset Class

Asset Class is a standard term that broadly defines a category of investments. The three basic asset classes are Cash, Bonds, and Stocks. Bonds and Stocks are often further subdivided into more narrowly defined classes. Some of the most common asset classes are defined below.

## Cash and Cash Alternatives

Cash typically includes bank accounts or certificates of deposit, which are insured by the Federal Deposit Insurance Corporation up to a limit per account. Cash Alternatives typically include money market securities, U.S. treasury bills, and other investments that are readily convertible to cash, have a stable market value, and a very short-term maturity. U.S. Treasury bills are backed by the full faith and credit of the U.S. Government and, when held to maturity, provide safety of principal. (See the "Risks Inherent in Investing" section in this Important Disclosure Information for a summary of the risks associated with investing in cash alternatives.)

## Bonds

Bonds are either domestic (U.S.) or global debt securities issued by either private corporations or governments. (See the "Risks Inherent in Investing" section in this Important Disclosure Information for a summary of the risks associated with investing in bonds. Bonds are also called "fixed income securities.")

Domestic government bonds are backed by the full faith and credit of the U.S. Government and have superior liquidity and, when held to maturity, safety of principal. Domestic corporate bonds carry the credit risk of their issuers and thus usually offer additional yield. Domestic government and corporate bonds can be sub-divided based upon their term to maturity. Short-term bonds have an approximate term to maturity of 1 to 5 years; intermediate-term bonds have an approximate term to maturity of 5 to 10 years; and, long-term bonds have an approximate term to maturity greater than 10 years.

## Stocks

Stocks are equity securities of domestic and foreign corporations. (See the "Risks Inherent in Investing" section in this Important Disclosure Information for a summary of the risks associated with investing in stocks.)

Domestic stocks are equity securities of U.S. corporations. Domestic stocks are often sub-divided based upon the market capitalization of the company (the market value of the company's stock). "Large cap" stocks are from larger companies, "mid cap" from the middle range of companies, and "small cap" from smaller, perhaps newer, companies. Generally, small cap stocks experience greater market volatility than stocks of companies with larger capitalization. Small cap stocks are generally those from companies whose capitalization is less than \$500 million, mid cap stocks those between \$500 million and \$5 billion, and large cap over \$5 billion.

Large cap, mid cap and small cap may be further sub-divided into "growth" and "value" categories. Growth companies are those with an orientation towards growth, often characterized by commonly used metrics such as higher price-to-book and price-to-earnings ratios. Analogously, value companies are those with an orientation towards value, often characterized by commonly used metrics such as lower price-to-book and price-to-earnings ratios.

International stocks are equity securities from foreign corporations. International stocks are often sub-divided into those from "developed" countries and those from "emerging markets." The emerging markets are in less developed countries with emerging economies that may be characterized by lower income per capita, less developed infrastructure and nascent capital markets. These "emerging markets" usually are less economically and politically stable than the "developed markets." Investing in international stocks involves special risks, among which include foreign exchange volatility and risks of investing under different tax, regulatory and accounting standards.

## Asset Mix

Asset Mix is the combination of asset classes within a portfolio, and is usually expressed as a percentage for each asset class.

## **Base Inflation Rate**

The Base Inflation Rate is the default inflation rate in the Program. You can adjust this rate in financial goal expenses, retirement income sources, savings rates, and in each What If scenario. Also see "Inflation Rate."

## Bear Market Loss

The Bear Market Loss shows how a portfolio would have been impacted during the Great Recession (November 2007 through February 2009) or the Bond Bear Market (July 1979 through February 1980). The Bear Market Loss shows: 1) either the Great Recession Return or the Bond Bear Market Return, whichever is lower, and 2) the potential loss, if you had been invested in this cash-bond-stock-alternative-other portfolio during the period with the lower return. See Bear Market Test, Great Recession Return, and Bond Bear Market Return.

## Bear Market Test

The Bear Market Test, included in the Stress Tests, examines the impact on your Plan results if a Bear Market Loss occurred this year. The Bear Market Test shows the likelihood that you could fund your Needs, Wants and Wishes after experiencing such an event. See Bear Market Loss.

## Bond Bear Market Return

The Bond Bear Market Return is the rate of return for a cash-bond-stock-alternative-other portfolio during the Bond Bear Market (July 1979 through February 1980), the worst bear market for bonds since the Great Depression. MoneyGuideElite shows a Bond Bear Market Return for your Current, Risk-based, and Target Portfolios, calculated using historical returns of broad-based asset class indices. See Great Recession Return.

## Cash Receipt Schedule

A Cash Receipt Schedule consists of one or more years of future after-tax amounts received from the anticipated sale of an Other Asset, exercising of Stock Options grants, or proceeds from Restricted Stock grants.

## Composite Portfolio

The Composite Portfolio provides an aggregated view of your Target Portfolio along with any assets that are considered to be unavailable for reallocation.

## **Concentrated Position**

A Concentrated Position is when your portfolio contains a significant amount (as a percentage of the total portfolio value) in individual stock or bonds. Concentrated Positions have the potential to increase the risk of your portfolio.

## Confidence Zone

See Monte Carlo Confidence Zone.

## **Current Dollars**

The Results of MoneyGuideElite calculations are in Future Dollars. To help you compare dollar amounts in different years, we also express the Results in Current Dollars, calculated by discounting the Future Dollars by the sequence of inflation rates used in the Plan.

## **Current Portfolio**

Your Current Portfolio is comprised of all the investment assets you currently own (or a subset of your assets, based on the information you provided for this Plan), categorized by Asset Class and Asset Mix.

## Expense Adjustments

When using historical returns, some users of MoneyGuideElite include Expense Adjustments. These adjustments (which are specified by the user) reduce the return of the affected Asset Classes and are commonly used to account for transaction costs or other types of fees associated with investing. If Expense Adjustments have been used in this Report, they will be listed beside the historical indices at the beginning of this Report.

## Fund All Goals

Fund All Goals is one of two ways for your assets and retirement income to be used to fund your goals. The other is Earmark, which means that an asset or retirement income is assigned to one or more goals, and will be used only for those goals. Fund All Goals means that the asset or income is not earmarked to fund specific goals, and can be used to fund any goal, as needed in the calculations.

## **Future Dollars**

Future Dollars are inflated dollars. The Results of MoneyGuideElite calculations are in Future Dollars. To help you compare dollar amounts in different years, we discount the Future Dollar amounts by the inflation rates used in the calculations and display the Results in the equivalent Current Dollars.

## **Great Recession Return**

The Great Recession Return is the rate of return for a cash-bond-stock-alternative-other portfolio during the Great Recession (November 2007 through February 2009), the worst bear market for stocks since the Great Depression. MoneyGuideElite shows a Great Recession Return for your Current, Risk-based, and Target Portfolios, calculated using historical returns of broad-based asset class indices. See Bond Bear Market Return.

## Inflation Rate

Inflation is the percentage increase in the cost of goods and services for a specified time period. A historical measure of inflation is the Consumer Price Index (CPI). In MoneyGuideElite, the Inflation Rate is selected by your Advisor, and can be adjusted in different scenarios.

## Liquidity

Liquidity is the ease with which an investment can be converted into cash.

## Locked Asset

An asset is considered to be locked by the software if it is unavailable to be reallocated to the Target Portfolio. Any account that has been indicated as locked, as well as specific account types such as Variable Annuity with a Guaranteed Minimum Withdrawal Benefit are considered locked.

## Model Portfolio Table

The Model Portfolio Table is the portfolio(s) that could be appropriate for you, based upon the risk-based portfolio.

## Monte Carlo Confidence Zone

The Monte Carlo Confidence Zone is the range of probabilities that you (and/or your Advisor) have selected as your target range for the Monte Carlo Probability of Success in your Plan. The Confidence Zone reflects the Monte Carlo Probabilities of Success with which you would be comfortable, based upon your Plan, your specific time horizon, risk profile, and other factors unique to you.

## Monte Carlo Probability of Success / Probability of Failure

The Monte Carlo Probability of Success is the percentage of trials of your Plan that were successful. If a Monte Carlo simulation runs your Plan 1,000 times, and if 600 of those runs are successful (i.e., all your goals are funded and you have at least \$1 of Safety Margin), then the Probability of Success for that Plan, with all its underlying assumptions, would be 60%, and the Probability of Failure would be 40%.

## Monte Carlo Simulations

Monte Carlo simulations are used to show how variations in rates of return each year can affect your results. A Monte Carlo simulation calculates the results of your Plan by running it many times, each time using a different sequence of returns. Some sequences of returns will give you better results, and some will give you worse results. These multiple trials provide a range of possible results, some successful (you would have met all your goals) and some unsuccessful (you would not have met all your goals).

## Needs / Wants / Wishes

In MoneyGuideElite, you choose an importance level from 10 to 1 (where 10 is the highest) for each of your financial goals. Then, the importance levels are divided into three groups: Needs, Wants, and Wishes. Needs are the goals that you consider necessary for your lifestyle, and are the goals that you must fulfill. Wants are the goals that you would really like to fulfill, but could live without. Wishes are the "dream goals" that you would like to fund, although you won't be too dissatisfied if you can't fund them. In MoneyGuideElite, Needs are your most important goals, then Wants, then Wishes.

## Portfolio Set

A Portfolio Set is a group of portfolios that provides a range of risk and return strategies for different investors.

## Portfolio Total Return

A Portfolio Total Return is determined by weighting the return assumption for each Asset Class according to the Asset Mix. Also see "Expense Adjustments."

## Probability of Success / Probability of Failure

See Monte Carlo Probability of Success / Probability of Failure.

## Real Return

The Real Return is the Total Return of your portfolio minus the Inflation Rate.

## **Recommended Scenario**

The Recommended Scenario is the scenario selected by your Advisor to be shown on the Results page and in Play Zone.

## Retirement Cash Reserve Strategy

This optional strategy simulates creating a cash account to provide funding for near-term goal expenses. You select the number of years of Needs, Wants, and Wishes to be included in the cash account. The Program then funds the Retirement Cash Reserve with the designated amounts, and simulates rebalancing your remaining investments to match the selected Target Portfolio.

#### **Retirement Start Date**

For married couples, retirement in MoneyGuideElite begins when both the client and spouse are retired. For single, divorced, or widowed clients, retirement begins when the client retires.

## Risk

Risk is the chance that the actual return of an investment, asset class, or portfolio will be different from its expected or average return.

#### **Risk-based Portfolio**

The risk-based portfolio is the Model Portfolio associated with the risk score you selected.

## Safety Margin

The Safety Margin is the hypothetical portfolio value at the end of the Plan, based on all the inputs and assumptions included in this Report. A Safety Margin of zero indicates the portfolio was depleted before the Plan ended. The Safety Margin does not protect you or your Target Portfolio from investment losses, and, as with all other results in the Plan, is not guaranteed.

## Standard Deviation

Standard Deviation is a statistical measure of the volatility of an investment, an asset class, or a portfolio. It measures the degree by which an actual return might vary from the average return, or mean. Typically, the higher the standard deviation, the higher the potential risk of the investment, asset class, or portfolio.

## Star Track

Star Track provides a summary of your Plan results over time, using a bar graph. Each bar shows the Monte Carlo Probability of Success for your Recommended Scenario, on the date specified, compared to the Monte Carlo Probability of Success for a scenario using all Target values.

## Target Goal Amount

The Target Goal Amount is the amount you would expect to spend, or the amount you would like to spend, for each financial goal.

#### **Target Portfolio**

Target Portfolio is the portfolio you have selected based upon your financial goals and your risk tolerance.

#### **Target Retirement Age**

Target Retirement Age is the age at which you would like to retire.

#### **Target Savings Amount**

In the Resources section of MoneyGuideElite, you enter the current annual additions being made to your investment assets. The total of these additions is your Target Savings Amount.

#### Time Horizon

Time Horizon is the period from now until the time the assets in this portfolio will begin to be used.

#### Total Return

Total Return is an assumed, hypothetical growth rate for a specified time period. The Total Return is either (1) the Portfolio Total Return or (2) as entered by you or your Advisor. Also see "Real Return."

#### Wants

See "Needs / Wants / Wishes".

## Willingness

In MoneyGuideElite, in addition to specifying Target Goal Amounts, a Target Savings Amount, and Target Retirement Ages, you also specify a Willingness to adjust these Target values. The Willingness choices are Very Willing, Somewhat Willing, Slightly Willing, and Not at All.

## Wishes

See "Needs / Wants / Wishes".

## Worst One-Year Loss

The Worst One-Year Loss is the lowest annual return that a portfolio with the specified asset mix and asset class indices would have received during the historical period specified.