FINANCIAL
S E R V
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## Financial Goal Plan

## John and Jane Firefighter


DRAFT

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## Personal Information and Summary of Financial Goals

## John and Jane Firefighter

| Retirement - Basic Living Expense |  |
| :--- | :--- |

Male - born 01/01/1976, age 43
Employed - \$100,000

## Jane

Female - born 01/08/1978, age 41
Employed - \$80,000
Married, US Citizens living in CA

- 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.

[^0]
## 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.
Goal Expenses

Goal Timeline

Retirement - Basic Living Expense $\square$ Health Care Travel


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

## Net Worth Summary - All Resources $\quad$ AFT

This is your Net Worth Summary as of 03/18/2019. 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 | $\$ 180,000$ |
| Individual Retirement Accounts | $\$ 6,000$ |
| Taxable and/or Tax-Free Accounts | $\$ 100,000$ |
| Total Investment Assets: | $\$ 286,000$ |
| Other Assets | $\$ 600,000$ |
| Home and Personal Assets | $\mathbf{\$ 6 0 0 , 0 0 0}$ |
| Total Other Assets: |  |
| Liabilities | $\$ 351,300$ |
| Personal Real Estate Loan: | $\$ 20,000$ |
| Other Personal Debt: | $\mathbf{\$ 3 7 1 , 3 0 0}$ |
| Total Liabilities: | $\mathbf{\$ 5 1 4 , 7 0 0}$ |

## Goal Assignment Summary

## DRAFT

| Goal | Category | Description | Value | Annual Additions | Future Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fund All Goals | Investment | 401(k)--John | \$120,000 | \$8,000 |  |
|  |  | 401(k)--Jane | \$60,000 | \$6,400 |  |
|  |  | Account | \$100,000 |  |  |
|  |  | Roth IRA - Account | \$6,000 |  |  |
|  | Retirement Income | Social Security |  |  | John is ineligible for benefits. |
|  |  | Social Security |  |  | Jane will file a normal application at age 67 . She will receive $\$ 18,000$ in retirement benefits at age 67. |
|  |  | Pension Income |  |  | $\$ 66,000$ from John's Retirement to End of John's Plan |

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## Risk Assessment

## DRAFT

You chose a Risk Score of 60.

## Appropriate Portfolio: Total Return I

Percentage Stock: 61\%
Average Return: 6.66\%


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:
-26\%

If you invest $\$ 286,000$ in this portfolio and the same loss occurred again, you would lose:
-\$72,997

Risk Score Chart for Ages Under 50
Your Risk Tolerance is About Average when compared to others in your age group


[^1]
## Results - Current and Recommended $\quad$ AF丁



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

## Results - Current and Recommended $\quad$ AF丁

|  | Current Scenario | What If Scenario 1 | Changes In Value |
| :---: | :---: | :---: | :---: |
| Wants |  |  |  |
| Travel | \$6,000 | \$6,000 |  |
| Starting | When both are retired | When both are retired |  |
| Years between occurrences | 1 | 1 |  |
| Number of occurrences | 15 | 15 |  |
| Total Spending for Life of Plan | \$2,427,407 | \$1,984,288 | Decreased 18\% |
| \$ Savings |  |  |  |
| Qualified | \$14,400 | \$19,200 | Increased \$4,800 |
| Taxable | \$0 | \$4,200 | Increased \$4,200 |
| Total Savings This Year | \$14,400 | \$23,400 | Increased \$9,000 |
| (1) Portfolios |  |  |  |
| Allocation Before Retirement | CURRENT | Total Return 1 | 18\% More Stock |
| Percent Stock | 43\% | 61\% |  |
| Composite Return | 6.66\% | 6.66\% |  |
| Composite Standard Deviation | 10.13\% | 11.85\% |  |
| Great Recession Return 11/07-2/09 | -13\% | -26\% |  |
| Bond Bear Market Return 7/79-2/80 | 1\% | 6\% |  |
| Allocation During Retirement | CURRENT | Total Return 1 | 18\% More Stock |
| Percent Stock | 43\% | 61\% |  |
| Composite Return | 6.66\% | 6.66\% |  |
| Composite Standard Deviation | 10.13\% | 11.85\% |  |
| Great Recession Return 11/07-2/09 | -13\% | -26\% |  |
| Bond Bear Market Return 7/79-2/80 | 1\% | 6\% |  |
| Inflation | 2.25\% | 2.25\% |  |

[^2]
## Results - Current and Recommended $\quad$ AF丁

|  | Current Scenario | What If Scenario 1 | Changes In Value |
| :---: | :---: | :---: | :---: |
| Whal Investments |  |  |  |
| Total Investment Portfolio | \$286,000 | \$286,000 |  |
| Wher Social Security |  |  |  |
| Social Security Strategy | Current | Current |  |
| Jane |  |  |  |
| Filing Method | Normal | Normal |  |
| Age to File Application | 67 | 67 |  |
| Age Retirement Benefits Begin | 67 | 67 |  |
| First Year Benefit | \$18,000 | \$18,000 |  |

## Worksheet Detail - Combined Details RAFT

## 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

## Worksheet Detail - Combined Details RAFT

## Scenario : Current Scenario using Average Return



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

## Worksheet Detail - Combined Details RAFT

## Scenario : Current Scenario using Average Return

|  |  | 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 | Retirement | Health Care | Travel |  | Ending Portfolio Value |
| 78/76 | 2054 | 0 | 497,031 | 0 | 0 | 105,218 | 30,911 | 7.02\% | 14,178 | 78,437 | 69,438 |  | 0 | 471,108 |
| 79/77 | 2055 | 0 | 471,108 | 0 | 0 | 106,101 | 28,662 | 7.02\% | 15,050 | 80,201 | 73,785 |  | 0 | 436,833 |
| 80/78 | 2056 | 0 | 436,833 | 0 | 0 | 107,003 | 25,804 | 7.02\% | 16,022 | 82,006 | 78,331 |  | 0 | 393,281 |
| 81/79 | 2057 | 0 | 393,281 | 0 | 0 | 107,926 | 22,272 | 7.02\% | 17,050 | 83,851 | 83,132 |  | 0 | 339,445 |
| 82/80 | 2058 | 0 | 339,445 | 0 | 0 | 108,869 | 17,993 | 7.02\% | 18,136 | 85,738 | 88,204 |  | 0 | 274,229 |
| 83/81 | 2059 | 0 | 274,229 | 0 | 0 | 109,833 | 12,897 | 7.02\% | 19,264 | 87,667 | 93,467 |  | 0 | 196,562 |
| 84/82 | 2060 | 0 | 196,562 | 0 | 0 | 110,820 | 6,900 | 7.02\% | 20,456 | 89,639 | 99,023 |  | 0 | 105,164 |
| 85/83 | 2061 | 0 | 105,164 | 0 | 0 | 111,828 | 0 | 0.00\% | 21,486 | x91,228 | $\times 104,278$ |  | 0 | 0 |
| 86/84 | 2062 | 0 | 0 | 0 | 0 | 112,859 | 0 | 0.00\% | 4,768 | x49,520 | x58,572 |  | 0 | 0 |
| 87/85 | 2063 | 0 | 0 | 0 | 0 | 113,914 | 0 | 0.00\% | 4,697 | x49,109 | x60,108 |  | 0 | 0 |
| 88/86 | 2064 | 0 | 0 | 0 | 0 | 114,992 | 0 | 0.00\% | 4,624 | x48,698 | x61,669 |  | 0 | 0 |
| 89/87 | 2065 | 0 | 0 | 0 | 0 | 116,094 | 0 | 0.00\% | 4,550 | x48,299 | x63,245 |  | 0 | 0 |
| 90/88 | 2066 | 0 | 0 | 0 | 0 | 117,221 | 0 | 0.00\% | 4,474 | x47,890 | x64,856 |  | 0 | 0 |
| 91/89 | 2067 | 0 | 0 | 0 | 0 | 118,374 | 0 | 0.00\% | 4,397 | x47,514 | x66,463 |  | 0 | 0 |
| 92/90 | 2068 | 0 | 0 | 0 | 0 | 119,552 | 0 | 0.00\% | 4,317 | x47,131 | x68,104 |  | 0 | 0 |
| 93/91 | 2069 | 0 | 0 | 0 | 0 | 120,757 | 0 | 0.00\% | 4,236 | x46,776 | x69,745 |  | 0 | 0 |
| John \& Jane's Plan Ends | 2070 | 0 | 0 | 0 | 0 | 121,989 | 0 | 0.00\% | 4,153 | x46,448 | x71,387 |  | 0 | 0 |

## Worksheet Detail - Combined Details $\mathrm{R} A$ F丁

## Scenario : Current Scenario using Average Return

## 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.


## Worksheet Detail - Combined Details $R A F \top$

## 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

## Worksheet Detail - Combined Details RAFT

## Scenario : What If Scenario 1 using Average Return

|  |  | 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 | Retirement | Health Care | Travel | Ending Portfolio Value |
| 43/41 | 2019 | 0 | 286,000 | 23,400 | 0 | 0 | 20,634 | 6.67\% | 2,078 | 0 | 0 | 0 | 327,956 |
| 44/42 | 2020 | 0 | 327,956 | 23,832 | 0 | 0 | 23,461 | 6.67\% | 2,259 | 0 | 0 | 0 | 372,990 |
| 45/43 | 2021 | 0 | 372,990 | 24,274 | 0 | 0 | 26,494 | 6.67\% | 2,448 | 0 | 0 | 0 | 421,309 |
| 46/44 | 2022 | 0 | 421,309 | 24,725 | 0 | 0 | 29,746 | 6.67\% | 2,646 | 0 | 0 | 0 | 473,134 |
| 47/45 | 2023 | 0 | 473,134 | 25,187 | 0 | 0 | 33,233 | 6.67\% | 2,854 | 0 | 0 | 0 | 528,701 |
| 48/46 | 2024 | 0 | 528,701 | 25,659 | 0 | 0 | 36,970 | 6.67\% | 3,071 | 0 | 0 | 0 | 588,260 |
| 49/47 | 2025 | 0 | 588,260 | 26,142 | 0 | 0 | 40,974 | 6.67\% | 3,298 | 0 | 0 | 0 | 652,078 |
| 50/48 | 2026 | 0 | 652,078 | 26,636 | 0 | 0 | 45,263 | 6.67\% | 3,536 | 0 | 0 | 0 | 720,442 |
| 51/49 | 2027 | 0 | 720,442 | 27,141 | 0 | 0 | 49,856 | 6.67\% | 3,785 | 0 | 0 | 0 | 793,653 |
| 52/50 | 2028 | 0 | 793,653 | 27,657 | 0 | 0 | 54,773 | 6.67\% | 4,046 | 0 | 0 | 0 | 872,038 |
| 53/51 | 2029 | 0 | 872,038 | 28,185 | 0 | 0 | 60,036 | 6.67\% | 4,319 | 0 | 0 | 0 | 955,939 |
| 54/52 | 2030 | 0 | 955,939 | 28,724 | 0 | 0 | 65,667 | 6.67\% | 4,604 | 0 | 0 | 0 | 1,045,726 |
| 55/53 | 2031 | 0 | 1,045,726 | 29,276 | 0 | 0 | 71,692 | 6.67\% | 4,903 | 0 | 0 | 0 | 1,141,791 |
| 56/54 | 2032 | 0 | 1,141,791 | 29,840 | 0 | 0 | 78,136 | 6.67\% | 5,216 | 0 | 0 | 0 | 1,244,551 |
| 57/55 | 2033 | 0 | 1,244,551 | 30,417 | 0 | 0 | 85,028 | 6.67\% | 5,544 | 0 | 0 | 0 | 1,354,452 |
| John \& Jane Retire | 2034 | 0 | 1,354,452 | 0 | 0 | 66,000 | 86,199 | 6.67\% | 6,147 | 66,776 | 48,644 | 8,377 | 1,376,706 |
| 59/57 | 2035 | 0 | 1,376,706 | 0 | 0 | 66,000 | 87,349 | 6.67\% | 5,514 | 67,739 | 52,608 | 8,566 | 1,395,629 |
| 60/58 | 2036 | 0 | 1,395,629 | 0 | 0 | 66,000 | 87,680 | 6.67\% | 13,147 | 68,723 | 57,349 | 8,758 | 1,401,331 |
| 61/59 | 2037 | 0 | 1,401,331 | 0 | 0 | 66,000 | 87,409 | 6.67\% | 16,330 | 69,729 | 61,879 | 8,956 | 1,397,846 |
| 62/60 | 2038 | 0 | 1,397,846 | 0 | 0 | 66,000 | 86,794 | 6.67\% | 15,556 | 70,758 | 66,925 | 9,157 | 1,388,245 |
| 63/61 | 2039 | 0 | 1,388,245 | 0 | 0 | 66,000 | 85,057 | 6.67\% | 24,954 | 71,810 | 72,712 | 9,363 | 1,360,462 |
| 64/62 | 2040 | 0 | 1,360,462 | 0 | 0 | 66,000 | 82,604 | 6.67\% | 27,009 | 72,886 | 78,374 | 9,574 | 1,321,223 |
| 65/63 | 2041 | 0 | 1,321,223 | 0 | 0 | 66,000 | 81,909 | 6.67\% | 18,411 | 73,986 | 56,837 | 9,789 | 1,310,110 |
| 66/64 | 2042 | 0 | 1,310,110 | 0 | 0 | 66,000 | 82,710 | 6.67\% | 14,017 | 51,110 | 60,752 | 10,009 | 1,322,931 |
| 67/65 | 2043 | 0 | 1,322,931 | 0 | 0 | 66,000 | 85,588 | 6.67\% | 8,426 | 52,260 | 34,632 | 10,235 | 1,368,967 |
| 68/66 | 2044 | 0 | 1,368,967 | 0 | 0 | 66,000 | 88,389 | 6.67\% | 8,883 | 53,436 | 36,816 | 10,465 | 1,413,755 |
| 69/67 | 2045 | 0 | 1,413,755 | 0 | 0 | 98,101 | 93,289 | 6.67\% | 8,463 | 54,639 | 39,205 | 10,700 | 1,492,139 |
| 70/68 | 2046 | 0 | 1,492,139 | 0 | 0 | 98,823 | 98,259 | 6.67\% | 8,981 | 55,868 | 41,805 | 10,941 | 1,571,626 |
| 71/69 | 2047 | 0 | 1,571,626 | 0 | 0 | 99,562 | 103,284 | 6.67\% | 9,539 | 57,125 | 44,615 | 11,187 | 1,652,006 |
| 72/70 | 2048 | 0 | 1,652,006 | 0 | 0 | 100,317 | 107,964 | 6.67\% | 16,247 | 58,410 | 47,631 | 11,439 | 1,726,560 |
| 73/71 | 2049 | 0 | 1,726,560 | 0 | 0 | 101,089 | 113,416 | 6.67\% | 17,207 | 59,725 | 50,790 | 0 | 1,813,343 |
| 74/72 | 2050 | 0 | 1,813,343 | 0 | 0 | 101,879 | 118,904 | 6.67\% | 18,226 | 61,068 | 54,151 | 0 | 1,900,681 |
| 75/73 | 2051 | 0 | 1,900,681 | 0 | 0 | 102,686 | 124,416 | 6.67\% | 19,305 | 62,442 | 57,660 | 0 | 1,988,376 |
| 76/74 | 2052 | 0 | 1,988,376 | 0 | 0 | 103,511 | 129,934 | 6.67\% | 20,450 | 63,847 | 61,381 | 0 | 2,076,143 |
| 77/75 | 2053 | 0 | 2,076,143 | 0 | 0 | 104,355 | 135,440 | 6.67\% | 21,642 | 65,284 | 65,323 | 0 | 2,163,690 |

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

## Worksheet Detail - Combined Details RAFT

## Scenario : What If Scenario 1 using Average Return

|  |  | 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 | Retirement | Health Care | Travel |  | Ending Portfolio Value |
| 78/76 | 2054 | 0 | 2,163,690 | 0 | 0 | 105,218 | 140,913 | 6.67\% | 22,925 | 66,753 | 69,438 |  | 0 | 2,250,706 |
| 79/77 | 2055 | 0 | 2,250,706 | 0 | 0 | 106,101 | 146,338 | 6.67\% | 24,199 | 68,255 | 73,785 |  | 0 | 2,336,906 |
| 80/78 | 2056 | 0 | 2,336,906 | 0 | 0 | 107,003 | 151,686 | 6.67\% | 25,700 | 69,790 | 78,331 |  | 0 | 2,421,774 |
| 81/79 | 2057 | 0 | 2,421,774 | 0 | 0 | 107,926 | 156,930 | 6.67\% | 27,211 | 71,361 | 83,132 |  | 0 | 2,504,926 |
| 82/80 | 2058 | 0 | 2,504,926 | 0 | 0 | 108,869 | 162,037 | 6.67\% | 28,793 | 72,966 | 88,204 |  | 0 | 2,585,868 |
| 83/81 | 2059 | 0 | 2,585,868 | 0 | 0 | 109,833 | 166,980 | 6.67\% | 30,658 | 74,608 | 93,467 |  | 0 | 2,663,948 |
| 84/82 | 2060 | 0 | 2,663,948 | 0 | 0 | 110,820 | 171,709 | 6.67\% | 33,238 | 76,287 | 99,023 |  | 0 | 2,737,929 |
| 85/83 | 2061 | 0 | 2,737,929 | 0 | 0 | 111,828 | 176,151 | 6.67\% | 35,635 | 78,003 | 104,767 |  | 0 | 2,807,503 |
| 86/84 | 2062 | 0 | 2,807,503 | 0 | 0 | 112,859 | 180,273 | 6.67\% | 38,074 | 79,758 | 110,849 |  | 0 | 2,871,954 |
| 87/85 | 2063 | 0 | 2,871,954 | 0 | 0 | 113,914 | 184,035 | 6.67\% | 40,369 | 81,553 | 117,290 |  | 0 | 2,930,692 |
| 88/86 | 2064 | 0 | 2,930,692 | 0 | 0 | 114,992 | 187,390 | 6.67\% | 42,694 | 83,388 | 124,081 |  | 0 | 2,982,910 |
| 89/87 | 2065 | 0 | 2,982,910 | 0 | 0 | 116,094 | 190,288 | 6.67\% | 45,038 | 85,264 | 131,189 |  | 0 | 3,027,802 |
| 90/88 | 2066 | 0 | 3,027,802 | 0 | 0 | 117,221 | 192,671 | 6.67\% | 47,263 | 87,182 | 138,734 |  | 0 | 3,064,515 |
| 91/89 | 2067 | 0 | 3,064,515 | 0 | 0 | 118,374 | 194,492 | 6.67\% | 49,459 | 89,144 | 146,522 |  | 0 | 3,092,256 |
| 92/90 | 2068 | 0 | 3,092,256 | 0 | 0 | 119,552 | 195,698 | 6.67\% | 51,273 | 91,150 | 154,765 |  | 0 | 3,110,317 |
| 93/91 | 2069 | 0 | 3,110,317 | 0 | 0 | 120,757 | 196,241 | 6.67\% | 52,946 | 93,201 | 163,290 |  | 0 | 3,117,879 |
| John \& Jane's Plan Ends | 2070 | 0 | 3,117,879 | 0 | 0 | 121,989 | 196,074 | 6.67\% | 54,273 | 95,298 | 172,101 |  | 0 | 3,114,270 |

## Worksheet Detail - Combined Details RAF丁

## Scenario : What If Scenario 1 using Average Return

## 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, $72(\mathrm{t})$ 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.


## Worksheet Detail - Inside the Numbers Final Result

## Inside the Numbers - Final Result For Current Scenario

- 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 $90 \%$.



Probability of Success Below Confidence Zone
(70\% - 90\%)

In the table below, values are shown for the 99th, 75th, 50th, 25th and 1st percentile trials Although the graph and table help illustrate a general range of results you may expect, 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.
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 | \$682,926 | \$1,127,548 | \$2,092,703 | \$3,853,632 | \$6,226,344 | \$20,843,295 | \$6,700,963 |  |
| 250 | 75th Percentile | \$525,503 | \$670,028 | \$1,298,334 | \$994,276 | \$1,129,527 | \$2,251,157 | \$723,730 |  |
| 500 | 50th Percentile | \$526,238 | \$696,384 | \$1,042,443 | \$940,105 | \$473,438 | \$0 | \$0 | 2059 |
| 750 | 25th Percentile | \$456,815 | \$653,539 | 911,1 | \$4 | \$0 | \$0 | \$0 | 2043 |
| 990 | 1st Percentile | \$368,443 | \$456,089 | \$286,2 | - \$0 | \$0 | \$0 | \$0 | 2037 |

[^3]
## 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, 25 th and 1 st 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 | \$744,728 | \$1,125,871 | \$2,305,410 | \$4,253,905 | \$8,478,530 | \$46,128,413 | \$14,829,939 |  |
| 250 | 75th Percentile | \$719,866 | \$2,034,092 | \$3,283,892 | \$5,649,504 | \$5,190,999 | \$10,003,871 | \$3,216,170 |  |
| 500 | 50th Percentile | \$607,307 | \$732,367 | \$943,253 | \$950,734 | \$1,076,782 | \$4,240,117 | \$1,363,166 |  |
| 750 | 25th Percentile | \$352,925 | \$522,361 | \$973, | \$835,760 | \$720,431 | \$970,859 | \$312,124 |  |
| 990 | 1st Percentile | \$431,801 | \$506,965 | \$716,588 | \$346,095 | \$0 | \$0 | \$0 | 2042 |

[^4]
## IMPORTANT DISCLOSURE INFORMATION

IMPORTANT: The projections or other information generated by MoneyGuidePro 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 MoneyGuidePro 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
MoneyGuidePro. 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.

MoneyGuidePro results may vary with each use and over time.

CUSO Financial Services, L.P. (CFS):
Non-deposit investment products and services are offered through CUSO Financial Services, L.P. ("CFS"), a registered broker-dealer (Member FINRA/SIPC) and SEC Registered Investment Advisor. Products offered through CFS: are not NCUA/NCUSIF or otherwise federally insured, are not guarantees or obligations of the credit union, and may involve investment risk including possible loss of principal. Investment Representatives are registered through CFS. The Credit Union has contracted with CFS to make non-deposit investment products and services available to credit union members.

MoneyGuidePro 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

MoneyGuidePro 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 MoneyGuidePro assumptions, your actual results will vary (perhaps significantly) from those presented in this Report.

All MoneyGuidePro calculations use asset class returns, not returns of actual investments. The projected return assumptions used in this Report are estimates based on average annual returns for each asset class. 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.

MoneyGuidePro does not provide recommendations for any products or securities.

## IMPORTANT DISCLOSURE INFORMATION

| Asset Class Name | Projected Return Assumption | Projected Standard Deviation | Asset Class Name | Projected Return Assumption | Projected Standard Deviation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 5-7 Year Index Annuity w/ Particip. Rate 1year PTP | 4.32\% | 3.48\% | Non - US Emerging Stock | 14.35\% | 29.65\% |
|  |  |  | Non - US Developed Stock | 10.02\% | 20.62\% |
| 5-7 Year Index Annuity w/ Cap Rate 1 year PTP | 3.60\% | 2.90\% | US Small Cap Value | 13.29\% | 22.46\% |
| 5-7 Year 1 year Index with Fixed Rate | 3.00\% | 0.00\% | US Small Cap Growth | 9.98\% | 27.62\% |
|  |  |  | US Mid Cap Value | 12.48\% | 17.17\% |
| 10 Year Index Annuity w/ Particip. Rate 1 year PTP | 4.75\% | 3.83\% | US Mid Cap Growth | 10.41\% | 23.22\% |
| 10 Year Index Annuity w/ Cap Rate 1 year PTP | 3.96\% | 3.19\% | US Large Cap Value | 9.60\% | 17.47\% |
|  |  |  | US Large Cap Growth | 8.25\% | 21.82\% |
| 10 Year 1 year Index with Fixed Rate | 3.30\% | 0.00\% | European Direct Real Estate | 8.92\% | 23.55\% |
| Fixed MYGA 3 year | 2.75\% | 0.00\% | Commodities | 4.48\% | 17.86\% |
| Fixed MYGA 5 year | 3.25\% | 0.00\% | Inflation | 2.34\% | 2.03\% |
| Fixed MYGA 7 year | 3.50\% | 0.00\% | Private Equity | 10.58\% | 21.80\% |
| Fixed MYGA 10 year | 3.60\% | 0.00\% | US Direct Real Estate | 6.12\% | 11.50\% |
| Cash and Cash Equivelants | 0.97\% | 1.67\% | US REITS | 7.48\% | 18.00\% |
| Cash and Cash Equivelants (Tax-Free) | 0.67\% | 1.67\% | Gold | 5.58\% | 21.30\% |
|  |  |  | Gold Infrastructure | 7.22\% | 12.50\% |
| 3-5 Yr Duration | 3.50\% | 2.00\% |  |  |  |
| 7+ Yr Duration | 4.10\% | 2.00\% |  |  |  |
| US High Yield Bonds | 7.37\% | 11.33\% |  |  |  |
| US Inflation Protected Bonds | 2.74\% | 2.75\% |  |  |  |
| US Short Term Bonds | 1.74\% | 3.64\% |  |  |  |
| US Intermediate Term Bonds | 2.55\% | 5.39\% |  |  |  |
| US Long Term Bonds | 4.27\% | 10.88\% |  |  |  |
| US Long Term Bonds (Tax-Free) | 3.30\% | 10.88\% |  |  |  |
| World Government Bonds | 2.79\% | 6.50\% |  |  |  |
| Emerging Markets Sovereign Debt | 7.01\% | 10.50\% |  |  |  |
| Emerging Markets Corporate Bonds | 6.88\% | $9.00 \%$ |  |  |  |
| World ex-US Government Bonds | 2.54\% | 8.00\% |  |  |  |

## IMPORTANT DISCLOSURE INFORMATION

## 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.

## MoneyGuidePro Methodology

MoneyGuidePro 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

## IMPORTANT DISCLOSURE INFORMATION

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 MoneyGuidePro, this is the Probability of Success. Analogously, the percentage of trials that were unsuccessful is the Probability of Failure. The Results Using Monte Carlo Simulations indicate 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.

## MoneyGuidePro 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."
this year. The Bear Market Test shows the likelihood
Wants and Wishes after experiencing such an event.

## 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 MoneyGuidePro, the Great Recession Return is the rate of return, during the Great Recession, for a portfolio comprised of cash, bonds, stocks, and alternatives, 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 MoneyGuidePro, the Bond Bear Market Return is the rate of return, for the Bond Bear Market period, for a portfolio comprised of cash, bonds, stocks, and alternatives, 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 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 result 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,

## IMPORTANT DISCLOSURE INFORMATION

Regardless of whether you are using historical or projected returns for all other
MoneyGuidePro results, the Bear Market Loss and Bear Market Test use returns calculated from historical indices. If you are using historical returns, the indices in the Bear Market Loss and the Bear Market Test may be different from indices used in other calculations. These results are calculated using only four asset classes - Cash, Bonds, Stocks, and Alternatives. The indices and the resulting returns for the Great Recession and the Bond Bear Market are:

## IMPORTANT DISCLOSURE INFORMATION



## IMPORTANT DISCLOSURE INFORMATION

## MoneyGuidePro Risk Assessment

The MoneyGuidePro 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. MoneyGuidePro does not and cannot adequately understand or assess the appropriate risk/return balance for you. MoneyGuidePro 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.

MoneyGuidePro 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 MoneyGuidePro 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.


[^0]:    See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

[^1]:    See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

[^2]:    See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

[^3]:    See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

[^4]:    See Important Disclosure Information section in this Report for explanations of assumptions, limitations, methodologies, and a glossary.

