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## Disclaimer

The following report is a diagnostic tool intended to review your current financial situation and suggest potential planning ideas and concepts that may be of benefit. The purpose of the report is to illustrate how accepted financial and estate planning principles may improve your current situation.

This report is based upon information and assumptions provided by you (the client). This report provides broad and general guidelines on the advantages of certain financial planning concepts and does not constitute a recommendation of any particular technique. The consolidated report is provided for informational purposes as a courtesy to you. We recommend that you review your plan annually, unless changes in your personal or financial circumstances require more frequent review. All reports should be reviewed in conjunction with your fact summary and this Disclaimer page.

The term "plan" or "planning," when used within this report, does not imply that a recommendation has been made to implement one or more financial plans or make a particular investment. Nor does the plan or report provide legal, accounting, financial, tax or other advice. Rather, the report and the illustrations therein provide a summary of certain potential financial strategies. The reports provide projections based on various assumptions and are therefore hypothetical in nature and not guarantees of investment returns. You should consult your tax and/or legal advisors before implementing any transactions and/or strategies concerning your finances.

Additionally, this report may not reflect all holdings or transactions, their costs, or proceeds received by you. It may contain information on assets that are not held at the broker/dealer with whom your financial representative is registered. As such, those assets will not be included on the broker/dealer's books and records. Prices that may be indicated in this report are obtained from sources we consider reliable but are not guaranteed. Past performance is no guarantee of future performance and it is important to realize that actual results may differ from the projections contained in this report. The presentation of investment returns set forth in this report does not reflect the deduction of any commissions. Projected valuations and/or rates of return may not take into account surrender charges on products you might own. They will reflect any fees or product charges when entered by the advisor/ representative. Deduction of such charges will result in a lower rate of return.

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The information contained in this report is not written or intended as financial, tax or legal advice. The information provided herein may not be relied on for purposes of avoiding any federal tax penalties. You are encouraged to seek financial, tax and legal advice from your professional advisors.

Tools such as the Monte Carlo simulation will yield different results depending on the variables inputted, and the assumptions underlying the calculation. For those reports that perform a Monte Carlo analysis, the term 'Monte Carlo' will be included in the report title. The assumptions with respect to the simulation include the assumed rates of return and standard deviations of the portfolio model associated with each asset. The assumed rates of return are based on the historical rates of returns and standard deviations, for certain periods of time, for the benchmark indexes comprising the asset classes in the model portfolio. Since the market data used to generate these rates of return change over time your results will vary with each use over time.

Monte Carlo Analysis is a mathematical process used to implement complex statistical methods that chart the probability of certain financial outcomes at certain times in the future. This charting is accomplished by generating hundreds of possible economic scenarios that could affect the performance of your investments.

The Monte Carlo simulation uses at most 1000 scenarios to determine the probability of outcomes resulting from the asset allocation choices and underlying assumptions regarding rates of return and volatility of certain asset classes. Some of these scenarios will assume very favorable financial market returns, consistent with some of the best periods in investing history for investors. Some scenarios will conform to the worst periods in investing history. Most scenarios will fall somewhere in between.

The outcomes presented using the Monte Carlo simulation represent only a few of the many possible outcomes. Since past performance and market conditions may not be repeated in the future, your investment goals may not be fulfilled by following advice that is based on the projections.

I/We have received and read this Disclaimer page and understand its contents and, therefore, the limitations of the report. Furthermore, I understand that none of the calculations and presentations of investment returns are guaranteed.

Client(s):


Advisor:


## Basics of Retirement Planning

## Prepared for Luke and Jen Affluent

Retirement Planning is the process of creating a realistic strategy for funding your retirement that balances current financial needs with expected retirement needs many years into the future.

A successful retirement is the highest financial priority for many people. Because of the long-term nature of retirement and all of the variables that go into determining potential success or failure, it is often the most difficult financial goal for which to plan.

Items to consider when creating a retirement plan:

## Longevity

With average life expectancy now in the 80s it is likely that you could experience a retirement period that lasts 20-30 years. Your plan must be flexible enough to account for a long retirement.

## Expenses and Inflation

Inflation is always a powerful enemy in any retirement plan, especially for a retirement that could last multiple decades. Your living expenses could increase multiple times over a long retirement. And, certain expenses such as medical expenses could easily outpace inflation.

## Income

Any extra income, whether from part-time work or from delayed retirement, could make a substantial difference in your retirement income. Your selected social security start date can also make a meaningful difference.

## Withdrawals

Almost everyone will need to augment their retirement income with withdrawals from their portfolio assets. Many recent studies have indicated the importance of reasonable and sustainable withdrawal rates. A generally accepted withdrawal rate is $4 \%$, but every case is different.

## Asset Allocation

It is always important to have a reasonable asset allocation, but it is especially important in or near retirement since your time horizon to recoup any losses is shorter. A proper allocation that balances income needs with growth needs is critical. Asset allocation does not guarantee a profit or protect against a loss in a declining market.

## Other Goals

Other financial goals (purchasing a vacation home or subsidizing your parents' care for example) will impact your retirement. This analysis will take into account any other goals you have defined.

## Retirement Expenses

## Base Facts

## Prepared for Luke and Jen Affluent

Thinking about retirement can be daunting. It is difficult to plan for something that may not start for many years and can last multiple decades. Nonetheless, it is very important to create a retirement plan. With longer than average life expectancy, you could spend a third of your life in retirement. The first step in creating a retirement plan is determining the expected cost of retirement.

Retirement is assumed to start in 2022 when Luke is age 65. Retirement for Jen starts in 2024 at age 65. Annual living expenses during retirement are expected to be $\mathbf{\$ 1 8 0 , 0 0 0}$ (in today's dollars) and are projected to grow at the specified inflation rate(s) beginning immediately.

You can expect living expenses to be $\mathbf{\$ 2 5 0 , 2 7 4}$ in the first year of retirement and $\$ 691,400$ in the last year of retirement. Total cost of retirement is expected to be $\$ 17,977,541$.

## SUMMARY

Retirement Lasts 2022-2049 (28 years) Living Expenses (2022) \$250,274
Living Expenses \$12,130,322
Cost of Retirement \$17,977,541

Total retirement expenses include not only living expenses, but also taxes, insurance premiums, and other defined expenses.

## How Will Your Expenses Grow?

The chart below illustrates the cost of your retirement over time, showing that you can expect total living expenses of $\mathbf{\$ 2 5 0 , 2 7 4}$ in the first year of retirement (2022) and $\mathbf{\$ 6 9 1 , 4 0 0}$ in the last year of retirement (2049). These living expense figures include any excess cash flow that is assumed to be spent. Other expense categories are displayed as well.

Retirement Expenses


This analysis must be reviewed in conjunction with the limitations and conditions disclosed in the Disclaimer page. Projections are based on assumptions provided by the

 would result in a lower rate of return. Consult your tax and/or legal advisor before implementing any tax or legal strategies.
Retirement Expenses
Prepared for Luke and Jen Affluent

| Year | Age | Living Expenses | Liability Payments | Total Expense Flows | Insurance Premiums | Taxes Paid | Total Expenses | Total Outflows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2022 | 65/63 | \$250,274 | \$19,320 | \$0 | \$4,000 | \$192,543 | \$466,137 | \$466,137 |
| 2023 | 66/64 | 259,609 | 19,320 | 0 | 4,000 | 74,662 | 357,591 | 357,591 |
| 2024 | 67/65 | 269,293 | 19,320 | 0 | 4,000 | 77,154 | 369,767 | 369,767 |
| 2025 | 68/66 | 279,337 | 49,146 | 124,150 | 4,000 | 95,331 | 551,964 | 551,964 |
| 2026 | 69/67 | 289,757 | 0 | 0 | 4,000 | 84,591 | 378,348 | 378,348 |
| 2027 | 70/68 | 300,564 | 0 | 0 | 4,000 | 115,930 | 420,494 | 420,494 |
| 2028 | 71/69 | 311,776 | 0 | 0 | 4,000 | 120,177 | 435,953 | 435,953 |
| 2029 | 72/70 | 323,405 | 0 | 0 | 4,000 | 124,649 | 452,054 | 452,054 |
| 2030 | 73/71 | 335,469 | 0 | 0 | 4,000 | 158,361 | 497,830 | 497,830 |
| 2031 | 74/72 | 347,983 | 0 | 0 | 4,000 | 165,688 | 517,671 | 517,671 |
| 2032 | 75/73 | 360,962 | 0 | 0 | 4,000 | 173,054 | 538,016 | 538,016 |
| 2033 | 76/74 | 374,426 | 0 | 0 | 4,000 | 180,629 | 559,055 | 559,055 |
| 2034 | 77/75 | 388,393 | 0 | 0 | 4,000 | 188,439 | 580,832 | 580,832 |
| 2035 | 78/76 | 402,881 | 0 | 0 | 4,000 | 196,812 | 603,693 | 603,693 |
| 2036 | 79/77 | 417,909 | 0 | 0 | 4,000 | 205,309 | 627,218 | 627,218 |
| 2037 | 80/78 | 433,497 | 0 | 0 | 4,000 | 214,386 | 651,883 | 651,883 |
| 2038 | 81/79 | 449,667 | 0 | 0 | 4,000 | 223,712 | 677,379 | 677,379 |
| 2039 | 82/80 | 466,441 | 0 | 0 | 4,000 | 233,505 | 703,946 | 703,946 |

[^0]

| Year | Age | Living Expenses | Liability Payments | Total Expense Flows | Insurance Premiums | Taxes Paid | Total Expenses | Total Outflows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2040 | 83/81 | 483,839 | 0 | 0 | 4,000 | 243,767 | 731,606 | 731,606 |
| 2041 | 84/82 | 501,886 | 0 | 0 | 4,000 | 254,521 | 760,407 | 760,407 |
| 2042 | 85/83 | 535,056 | 0 | 0 | 4,000 | 266,307 | 805,363 | 805,363 |
| 2043 | 86/84 | 555,014 | 0 | 0 | 4,000 | 277,658 | 836,672 | 836,672 |
| 2044 | 87/85 | 575,716 | 0 | 0 | 4,000 | 289,087 | 868,803 | 868,803 |
| 2045 | 88/86 | 597,191 | 0 | 0 | 4,000 | 300,982 | 902,173 | 902,173 |
| 2046 | 89/87 | 619,466 | 0 | 0 | 4,000 | 313,271 | 936,737 | 936,737 |
| 2047 | 90/88 | 642,572 | 0 | 0 | 4,000 | 325,495 | 972,067 | 972,067 |
| 2048 | 91/89 | 666,539 | 0 | 0 |  | 185,700 | 852,239 | 852,239 |
| 2049 | 92/90 | 691,400 | 0 | 0 | 0 | 230,243 | 921,643 | 921,643 |
|  | Totals | \$12,130,322 | \$107,106 | \$124,150 | \$104,000 | \$5,511,963 | \$17,977,541 | 7,977,541 |

## Retirement Income

## Base Facts

## Prepared for Luke and Jen Affluent

Income sources like Social Security, pension plans, and annuities can help offset your retirement expenses. Total inflows during retirement can also include planned distributions, investment income and other inflows such as insurance benefits, asset sales, and income from a business or trust.

Income sources available during retirement include the following:

| Luke's Social Security | $\$ 29,056$ starting in 2022 |
| :--- | ---: |
| Jen's Social Security | $\$ 1,441$ starting in 2024 |
| Variable Annuity - Annuitized | $\$ 18,707$ starting in 2022 |
| Investment Income | $\$ 0$ during retirement |
| Planned Distributions | $\$ 69,795$ starting in 2027 |

Total inflows are expected to include $\mathbf{\$ 3 , 0 0 8 , 2 7 5}$ in income flows, $\mathbf{\$ 0}$ in investment

## SUMMARY

Cost of Retirement \$17,977,541
Retirement Inflows \$9,706,186
Unfunded Costs
\$8,271,355
Pct Funded by Income 54\% income, and $\$ 5,961,271$ in planned distributions. Other inflows will total $\$ 736,640$.

Total inflows during retirement are projected to be $\$ 9,706,186$, funding $54 \%$ of your total cost of retirement.

## Retirement Inflow Details

The chart below highlights your retirement inflows. These inflows total \$9,706,186 realized over your expected retirement and represent approximately $54 \%$ of your total cost of retirement.


This analysis must be reviewed in conjunction with the limitations and conditions disclosed in the Disclaimer page. Projections are based on assumptions provided by the
Base Facts
Prepared for Luke and Jen Affluent

| Year | Age | Income Flows | Investment Income | Planned Distributions | Other Inflows | Total Inflows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2022 | 65/63 | \$47,763 | \$0 | \$0 | \$486,640 | \$534,403 |
| 2023 | 66/64 | 58,893 | 0 | 0 | 0 | 58,893 |
| 2024 | 67/65 | 61,833 | 0 |  | 0 | 61,833 |
| 2025 | 68/66 | 79,881 | 0 | 0 | 0 | 79,881 |
| 2026 | 69/67 | 82,163 | 0 | 0 | 0 | 82,163 |
| 2027 | 70/68 | 84,530 | 0 | 69,795 | 0 | 154,325 |
| 2028 | 71/69 | 86,985 | 0 | 73,862 | 0 | 160,847 |
| 2029 | 72/70 | 89,532 | 0 | 78,161 | 0 | 167,693 |
| 2030 | 73/71 | 92,173 | 0 | 171,037 | 0 | 263,210 |
| 2031 | 74/72 | 94,913 | 0 | 180,980 | 0 | 275,893 |
| 2032 | 75/73 | 97,755 | 0 | 191,489 | 0 | 289,244 |
| 2033 | 76/74 | 100,703 | 0 | 202,593 | 0 | 303,296 |
| 2034 | 77/75 | 103,762 | 0 | 213,836 | 0 | 317,598 |
| 2035 | 78/76 | 106,934 | 0 | 226,202 | 0 | 333,136 |
| 2036 | 79/77 | 110,225 | 0 | 238,084 | 0 | 348,309 |
| 2037 | 80/78 | 113,639 | 0 | 251,156 | 0 | 364,795 |
| 2038 | 81/79 | 117,180 | 0 | 264,184 | 0 | 381,364 |
| 2039 | 82/80 | 120,853 | 0 | 277,790 | 0 | 398,643 |

[^1] a significant degree. The project reports are hypothetical in nature and for inustrative purposes only. Return assumptions do not refiect the deduction of any commissions. They whald result in a lower rate of return. Consult your tax and/or legal advisor before implementing any tax or legal strategies.

| Year | Age | Income Flows | Investment Income | Planned Distributions | Other Inflows | $\begin{aligned} & \text { Total } \\ & \text { Inflows } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2040 | 83/81 | 124,663 | 0 | 291,988 | 0 | 416,651 |
| 2041 | 84/82 | 128,616 | 0 | 306,783 | 0 | 435,399 |
| 2042 | 85/83 | 132,716 | 0 | 321,136 | 0 | 453,852 |
| 2043 | 86/84 | 136,969 | 0 | 335,952 | 0 | 472,921 |
| 2044 | 87/85 | 141,380 | 0 | 349,962 | 0 | 491,342 |
| 2045 | 88/86 | 145,955 | 0 | 364,219 | 0 | 510,174 |
| 2046 | 89/87 | 150,701 | 0 | 378,672 | 0 | 529,373 |
| 2047 | 90/88 | 155,624 | 0 | 391,612 | 250,000 | 797,236 |
| 2048 | 91/89 | 119,095 | 0 | 385,479 | 0 | 504,574 |
| 2049 | 92/90 | 122,839 | 0 | 396,299 | 0 | 519,138 |
|  | Totals | \$3,008,275 | \$0 | \$5,961,271 | \$736,640 | \$9,706,186 |

## Building Your Retirement Assets

## Base Facts

## Prepared for Luke and Jen Affluent

Along with your expected retirement income, the other primary resource for funding your retirement is your accumulated portfolio assets. When estimating the portfolio assets you could have available at your retirement, the key assumptions are your current portfolio balance, planned savings, expected growth rate of the portfolio assets and annual cash flow prior to retirement. You can also increase your portfolio assets before or during retirement by liquidating other assets such as a house or business.

Defined portfolio assets currently total $\mathbf{\$ 7 , 6 8 2 , 9 6 3}$. In 2013, savings include $\mathbf{\$ 1 2 , 5 0 0}$ in planned savings and \$6,250 in employer contributions. From 2013 through 2022 planned savings will total $\mathbf{\$ 1 3 0 , 8 3 2}$ and employer contributions will total $\$ 65,417$, for a total of $\$ 196,249$. Projected asset growth prior to retirement is $\$ 5,068,344$.

In the first year of retirement, your portfolio assets are projected to consist of $\$ 7,426,171$ in taxable assets, $\$ 1,802$ in cash, $\mathbf{\$ 2 , 8 9 7 , 6 8 4}$ in retirement assets, $\mathbf{\$ 3 7 2 , 8 7 0}$ in annuities, and $\mathbf{\$ 6 2 , 5 6 8}$ in life insurance cash value.

Taking into account savings, growth, and cash flow, your portfolio assets are projected to total $\$ 10,761,095$ at the beginning of 2022.

## SUMMARY

Planned Savings \$130,832
Employer Contributions \$65,417
Growth
\$5,068,344
Portfolio Assets (2022) at Beginning of Year \$10,761,095

## What Comprises Your Portfolio Assets

The chart below reflects the projected value of portfolio assets at the beginning of 2022.


## Retirement Withdrawals

## Base Facts

## Prepared for Luke and Jen Affluent

Withdrawals from portfolio assets are a critical component of all retirement plans. The size and frequency of withdrawals will go a long way to determining if your portfolio assets will last for your lifetime. Withdrawals can be made from taxable or tax deferred accounts, each providing different tax consequences. You should always be mindful of your total withdrawals to make sure you are not liquidating your assets too quickly.

## Supplemental withdrawals from portfolio assets are required when retirement

 inflows, including planned withdrawals, are insufficient to cover expenses for a given year. It is not unusual to make supplemental withdrawals during retirement, but care must be taken to ensure your portfolio assets last.Supplemental withdrawals during retirement will total \$9,010,384 funding $50 \%$ of retirement expenses.

Planned withdrawals, such as required minimum distributions, are withdrawals that you already intend to make. Planned withdrawals are projected to total $\$ 5,961,271$

## SUMMARY

Cost of Retirement \$17,977,541
Retirement Inflows \$9,706,186
Supplemental Withdrawals \$9,010,384
Pct Funded by Suppl Withdrawals 50\%

## Retirement Withdrawal Details

The chart below highlights your total withdrawals in relation to your total portfolio assets. Total withdrawals are comprised of planned withdrawals plus supplemental withdrawals.

Retirement Withdrawals


## Looking at Everything in Retirement

## Base Facts

## Prepared for Luke and Jen Affluent

There are two main resources at your disposal with which you can fund your retirement; income and portfolio assets. You accumulate portfolio assets during your pre-retirement years through savings and growth. Additionally, various sources may provide you with income during retirement. By comparing the combination of these resources with your expected retirement expenses, you can get a picture of how successful you may be in financing your retirement.

Over the course of your retirement years, you can expect total costs of $\$ 17,977,541$. During this time, you will have total retirement inflows of $\$ 9,706,186$. At the start of retirement in 2022, your projected portfolio assets will be \$10,761,095. Desired assets remaining at death are $\mathbf{\$ 0}$.

At the end of retirement in 2049, you are projected to have a surplus of $\$ 24,751,324$.

## SUMMARY

Cost of Retirement \$17,977,541
Retirement Inflows \$9,706,186
Supplemental Withdrawals \$9,010,384
Funding Surplus \$24,751,324 Unfunded Years 0

## Retirement Resource Usage

The chart below illustrates how your income sources and portfolio assets could be used to fund your retirement. Years which are not successfully funded show the amount of shortfall.

## Looking at Everything



This analysis must be reviewed in conjunction with the limitations and conditions disclosed in the Disclaimer page. Projections are based on assumptions provided by the

## Options for Meeting Retirement Needs

## Base Facts

## Prepared for Luke and Jen Affluent

Based upon the assumptions utilized in this report, you are projected to have a retirement surplus of $\mathbf{\$ 2 4 , 7 5 1 , 3 2 4}$. There are several options presented below which, alone or in combination, might allow you to achieve your retirement objectives. These options include your desire to have at least $\mathbf{\$ 0}$ in portfolio assets at the end of retirement.

## Retire Earlier

Without changing any other factors, you can consider retiring earlier than originally planned. This option typically increases the total cost of retirement and should be considered carefully.

Earliest retirement would start when Luke is age 56 (2013) and Jen is age 54 (2013).

This results in portfolio assets of $\$ 7,925,419$ at retirement, an adjusted retirement cost of $\$ 19,715,933$, and portfolio assets of $\$ 19,667,835$ at the end of retirement.

## Enhance Your Retirement Lifestyle

Without changing any other factors, you can consider spending more during retirement than originally planned. This option typically increases the total cost of retirement and should be considered carefully.

Based on the assumptions given, you may consider increasing your initial retirement living expenses of $\$ 180,000$ (in today's dollars) up to a maximum of $\$ 377,000$.

This results in an adjusted retirement cost of $\mathbf{\$ 2 9 , 4 1 3 , 6 2 7}$, and portfolio assets of $\$ 31,208$ at the end of retirement.


[^0]:    

[^1]:    

