## VALUES

- Responsible stewardship
- Debt freedom
- Quality time as a family



## GOAL STATUS

| GOAL | STATUS |
| :--- | :--- |
| Debt free in 7 years | Behind |
| Implement new budget | Started |
| Retire at age 62 living on $\$ 72,000 /$ year | Behind |
| Pay for children college tuition | On track |

## ASSET ALLOCATION



NET WORTH SNAPSHOT

| ASSETS |  | LIABILITIES |  |
| :--- | ---: | :--- | ---: |
| Cash | $\$ 6,575$ | Credit Cards | $\$ 5,950$ |
| Investments | $\$ 56,122$ | Student Loans |  |
| Real Estate | $\$ 410,000$ | Mortgage | $\$ 199,891$ |
| Other Assets | $\$ 50,000$ | Other Debts | $\$ 23,000$ |
| NET WORTH |  |  |  |

ASSET LOCATION


## CURRENT ITEMS

$\rightarrow$ Establish and fund Roth IRAs and fund maximum amount each year (\$500/month $\times 2$ )
$\rightarrow$ Increase 401(k) contributions
$\rightarrow$ Establish new brokerage account and monthly contribution
$\rightarrow$ Reallocate investment allocation to recommended portfolio
$\rightarrow$ Implement new savings plan for travel and emergency fund
$\rightarrow$ Get term life insurance policies in place
$\rightarrow$ Get estate planning done

## FUTURE ITEMS

* After debt free, rechannel cash-flow towards retirement investments in order to reach 62 goal
$\star$ Explore potential new employer as they both do not anticipate Dunder Mifflin being around long-term


# REPORT PREPARED FOR <br> Jim Halpert \& Pamela Halpert 

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Generated on 01/19/2020
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## Important Information

This report is intended to provide you with an analysis of your financial plan. It is based on the data and assumptions provided by you and your financial advisor including but not limited to asset expected returns, volatility, and inflation assumptions. Detailed information regarding assumptions can be found on the disclosure page of this report.

The report shows comparisons of your current plan and a proposed plan. The proposed plan is a recommendation formulated by your financial advisor. The report also shows comparisons of your current asset allocation and a proposed asset allocation. The proposed asset allocation is the recommendation formulated by your advisor.

The report shows the Probability of Success of your plan using a Monte Carlo simulation calculated by running the projection 1,000 separate times. Some sequences of returns used in the Monte Carlo simulation will give you better results, and some will give you worse results. These multiple trials provide a range of possible results. RightCapital considers a trial to be "successful" if, at the end of your planning horizon, your invested assets are greater than zero. The percentage of trials that were successful is the Probability of Success of your plan, with all its underlying assumptions. Detailed disclosure regarding the calculations can be found on the disclosure page of this report.

## Balance Sheet

Just like any well-run business, your personal balance sheet should always be in check. Your net worth is the difference between your assets and your liabilities. Assets are everything you own such as your home and investments, and liabilities are everything you owe such as the balance on your mortgage and other debt.

|  | Your net worth is \$ 293,856 as of 1/19/20 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| \$600k |  |  |  |  |
| \$ 400k |  |  |  |  |
| \$ 200k |  |  |  |  |
|  |  | 迷 | Net worth |  |
| DETAILS |  |  |  |  |
| Assets |  |  | Liabilities |  |  |
| Bank | \$ 6,575 | Credit cards | \$ 5,950 | \$ 293,856 |
| Invested assets | \$ 56,122 | Mortgages | \$ 199,891 |  |
| Real estate assets | \$ 410,000 | Home equities | \$ 0 |  |
| Life insurance cash value | \$ 0 | Student loans | \$ 0 |  |
| Other assets | \$ 50,000 | Other debts | \$ 23,000 |  |
| Total assets | \$ 522,697 | Total liabilities | \$ 228,841 |  |


| Description | Jim | Pamela | Joint | Trust | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cash |  |  |  |  |  |
| Joint Bank Account |  |  | \$ 2,575 |  | \$ 2,575 |
| Joint Bank Account |  |  | \$ 4,000 |  | \$ 4,000 |
| Total Cash | \$ 0 | \$ 0 | \$ 6,575 | \$ 0 | \$ 6,575 |
| Invested Assets |  |  |  |  |  |
| Jim's 401k | \$ 25,047 |  |  |  | \$ 25,047 |
| Pam's 401k |  | \$ 14,012 |  |  | \$ 14,012 |
| Jim's Roth IRA | \$ 10,445 |  |  |  | \$ 10,445 |
| Cecelia's 529 |  |  | \$ 3,309 |  | \$ 3,309 |
| Philip's 529 |  |  | \$ 3,309 |  | \$ 3,309 |
| Total Invested Assets | \$ 35,492 | \$ 14,012 | \$ 6,618 | \$ 0 | \$ 56,122 |
| Other Assets |  |  |  |  |  |
| Primary Home |  |  | \$ 410,000 |  | \$ 410,000 |
| Jim's Auto | \$ 20,000 |  |  |  | \$ 20,000 |
| Pam's Auto |  | \$ 30,000 |  |  | \$ 30,000 |
| Total Other Assets | \$ 20,000 | \$ 30,000 | \$ 410,000 | \$ 0 | \$ 460,000 |
| Liabilities |  |  |  |  |  |
| Jim's Card | \$ 3,500 |  |  |  | \$ 3,500 |
| Pamela's Card |  | \$ 2,450 |  |  | \$ 2,450 |
| Joint Loan |  |  | \$ 199,891 |  | \$ 199,891 |
| Jim's Loan | \$ 5,000 |  |  |  | \$ 5,000 |
| Pamela's Loan |  | \$ 18,000 |  |  | \$ 18,000 |
| Total Liabilities | \$8,500 | \$ 20,450 | \$ 199,891 | \$ 0 | \$ 228,841 |
| Total Net Worth | \$ 46,992 | \$ 23,562 | \$ 223,302 | \$ 0 | \$ 293,856 |

## Liquidity

If a job loss or other financial hardship arises, a liquid emergency fund can help pay bills without dipping into savings or using high interest credit or loans. Your emergency fund should include easily accessible funds like cash and money market funds.


## Debt Management

Balance of selected debt


ACTION ITEMS

| Proposed debt strategy |  |
| :---: | :---: |
| Strategy | Reallocate payments - highest to lowest interest rate |
| Include the following debts in the payment strategy |  |
| - Joint Mortgage | \$ 199,891 |
| - Jim's Car Loan | \$ 5,000 |
| - Pamela's Car Loan | n \$ 18,000 |
| - Jim's Card | \$ 3,500 |
| - Pamela's Card | \$ 2,450 |

Proposed monthly payment

| Current total monthly payment |  | $\$ 2,566$ |
| :--- | :--- | :--- |
| Proposed additional monthly payment | $\$$ | 500 |

Proposed total monthly payment \$3,066.00
2.- An additional $\$ 500$ payment towards debts per month would make Jim and Pam debt free 14 years early. I recommend paying off the highest interest rates first to knock out credit cards. Then use a debt snowball strategy and apply those payment amounts towards the mortgage.

Proposed payments for next month

| Debt Name | Balance | Interest Rate | Minimum Payment | Current Payment | Proposed Payment |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Joint's Mortgage | \$ 199,891 | 4.5\% | \$ 1,216 | \$ 1,216 | \$ 1,216 |
| Jim's Car Loan | \$ 5,000 | 5\% | \$ 400 | \$ 400 | \$ 400 |
| Pamela's Car Loan | \$ 18,000 | 5.5\% | \$ 600 | \$ 600 | \$ 600 |
| Jim's Card | \$ 3,500 | 18\% | \$ 200 | \$ 200 | \$ 200 |
| Pamela's Card | \$ 2,450 | 20\% | \$ 150 | \$ 150 | \$ 650 |

## Asset Allocation



Please refer to sections 5 and 8.4 of the disclosure section for more information.

To balance back to your target portfolio

| u.S. Equities | - \$ 24,357 | International Equities | $\checkmark$ - 1,403 | Emerging Markets | - \$ 505 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Real Estate | $\checkmark$ - 898 | u.s. Bonds | - \$ 11,224 | International Bonds | $\checkmark$ \$ 1,235 |
| Cash | $\checkmark$ - 8,811 | Other | - \$ 281 |  |  |

2.- The current allocation of investments is not in line with Jim and Pam's risk tolerance. Their current portfolio is almost $60 \%$ in equities with the remaining $40 \%$ split between cash and bonds when client's are willing (and need) to take on additional risk to make their investments grow. The proposed allocation is more in line with their risk appetite and investment timeline.

## Equity Sector and Style

Equity investments can be categorized according to sectors. They are also each assigned a style based on their market cap and valuation. It is important to construct a well-diversified equity portfolio across sectors and styles that balances risk with return, while at the same time meeting your specific financial goals. Sector and Style data is provided by Morningstar.


Comparison to a broad market index
Amongst the equity styles, you are most overweight in Large Growth and most underweight in Mid Value.

[^0]These broad investment categories are not specific securities, funds, or investment products. The assumed rates of return of these broad categories are based on the return of indices. Please refer to section 8.4 of the disclosure section for more information.

## Retirement Analysis

Use of a detailed retirement analysis tool is important to help determine whether you are on track for a successful retirement. Monte Carlo simulations, stress tests, and viewing specific scenarios can help you evaluate your retirement plans and see the impact of potential changes.


This section of the report displays the results of Monte Carlo simulations run on the current and proposed plans. The results are derived from 1000 simulations and the specified retirement cash flows. The first chart of probability of success represents the overall likelihood of success in both the current and proposed plan. The second chart illustrates the likelihood of achieving a given net worth over time.

IMPORTANT: The projections or other information generated by RightCapital regarding the likelihood of various investment outcomes are hypothetical in nature, do not reflect actual investment results and are not guarantees of future results. Results are based on return and volatility assumptions from a number of market indices shown in disclosure sections 5,6 and 8.4 . Fees and expenses are not included, and thus, are excluded, including, but not limited to, fund fees, account fees, product fees and advisor fees. Inclusion of those fees results in lower returns, which would affect the probability of achieving any particular outcome. Results may vary with each use and over time. The analysis must be reviewed in conjunction with assumptions, limitations and methodologies in the disclosure section. This report is not complete without the accompanying disclosure page.

©. Jim and Pam's current path has no chance of success in retirement. They will need to adjust their expectations related to when they can retire from 62 to 68 . Reduce retirement monthly expenses from $\$ 6,000$ to $\$ 5,000$. Increase their 401 k contributions from $5 \%$ of salary to $10 \%$. And reduce current living expenses from $\$ 8,000$ per month to $\$ 5,500$ per month. Jim and Pam will need to both contribute $\$ 6,000$ to their Roth IRAs. Jim will need to contribute $\$ 5,000$ to a taxable brokerage account per year as well. This will increase their probability of success from $0 \%$ to $85 \%$. Multiple "Black Swan" type events would need to happen in order to derail this plan.

IMPORTANT: The projections or other information generated by RightCapital regarding the likelihood of various investment outcomes are hypothetical in nature, do not reflect actual investment results and are not guarantees of future results. Results are based on return and volatility assumptions from a number of market indices shown in disclosure sections 5,6 and 8.4. Fees and expenses are not included, and thus, are excluded, including, but not limited to, fund fees, account fees, product fees and advisor fees. Inclusion of those fees results in lower returns, which would affect the probability of achieving any particular outcome. Results may vary with each use and over time. The analysis must be reviewed in conjunction with assumptions, limitations and methodologies in the disclosure section. This report is not complete without the accompanying disclosure page.

## Stress Test

Even the best retirement plans will be exposed to various risks. These risks can include market volatility, taxation, low Social Security payments, longevity, inflation, and short and long-term health care expenses. It is important to both anticipate and plan for such risks. Doing so can substantially increase your probability of success.


This section of the report displays the results of Monte Carlo simulations run on various stressed tests. The results are derived from 1000 simulations and the specified retirement cash flows. The probability of success represents the overall likelihood of success in various stress tests.

IMPORTANT: The projections or other information generated by RightCapital regarding the likelihood of various investment outcomes are hypothetical in nature, do not reflect actual investment results and are not guarantees of future results. Results are based on return and volatility assumptions from a number of market indices shown in disclosure sections 5,6 and 8.4. Fees and expenses are not included, and thus, are excluded, including, but not limited to, fund fees, account fees, product fees and advisor fees. Inclusion of those fees results in lower returns, which would affect the probability of achieving any particular outcome. Results may vary with each use and over time. The analysis must be reviewed in conjunction with assumptions, limitations and methodologies in the disclosure section. This report is not complete without the accompanying disclosure page.

## Optimal Social Security Strategy

There are as many as 700 different Social Security filing strategies that can be tested in order to identify the optimal Social Security benefit for your specific retirement needs. Compare your optimal strategy to others to see the potential benefit of optimization.


ACTION ITEMS

To obtain maximum Social Security benefit

1. Jim applies own retirement/spousal benefit at age 70 .
2. Pamela applies own retirement/spousal benefit at age 70 .
€.. Client's were anticipating taking social security as early as possible, but taking it at 70 is more advantageous long-term.

## Life Insurance Analysis

Most financial plans are considered incomplete without life insurance protection. The need for life insurance is analyzed by projecting all future cash flows for an individual's survivors. The objective is to provide a life insurance coverage level so that the survivors have a positive portfolio value at the end of the planning horizon.


| If Jim passes away next year | If Pamela passes away next year |  |  |
| :--- | :--- | :--- | :--- |
| Life insurance | Protection plan | Life insurance | Protection plan |
| Life insurance needs | $\$ 1,570,000$ | Life insurance needs | $\$ 900,000$ |
| Current life insurance coverage | $\$ 10,000$ | Current life insurance coverage | $\$ 10,000$ |
| Proposed additional life insurance | $\$ 1,500,000$ | Proposed additional life insurance | $\$ 1,000,000$ |

(2.) Jim and Pam have a shortfall in life insurance. The coverage offered through their benefits from employment will only cover their funeral expenses. I recommend Jim and Pam take out a 25 -year term policy in the amount of $\$ 1,500,000$ for Jim and $\$ 1,000,000$ for Pam.

| Year | Age | Income Inflows | Planned Distribution | Other Inflows | Total Inflows | Expenses | Goals | Tax Payment | Planned Saving | Total Outflows | Spend Unsaved Cash Flows | Net Flows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2020 | 42/41 | 180,000 | 0 | 1,510,000 | 1,690,000 | 174,493 | 0 | 30,066 | 15,000 | 219,559 | 0 | 1,470,441 |
| 2021 | 43/42 | 68,250 | 0 | 0 | 68,250 | 113,134 | 0 | 15,454 | 3,412 | 132,000 | 0 | $(63,750)$ |
| 2022 | 44/43 | 71,662 | 0 | 0 | 71,662 | 110,162 | 7,880 | 17,273 | 3,583 | 138,898 | 0 | $(67,235)$ |
| 2023 | 45/44 | 75,246 | 0 | 0 | 75,246 | 107,529 | 8,077 | 18,970 | 3,762 | 138,338 | 0 | $(63,092)$ |
| 2024 | 46/45 | 79,008 | 0 | 0 | 79,008 | 109,928 | 8,279 | 20,763 | 3,950 | 142,920 | 0 | $(63,912)$ |
| 2025 | 47/46 | 82,958 | 0 | 0 | 82,958 | 112,390 | 8,486 | 22,570 | 4,148 | 147,594 | 0 | $(64,636)$ |
| 2026 | 48/47 | 87,106 | 0 | 0 | 87,106 | 114,917 | 8,698 | 27,296 | 4,355 | 155,266 | 0 | $(68,160)$ |
| 2027 | 49/48 | 91,462 | 0 | 0 | 91,462 | 117,511 | 8,915 | 30,522 | 4,573 | 161,521 | 0 | $(70,059)$ |
| 2028 | 50/49 | 96,035 | 0 | 0 | 96,035 | 120,173 | 9,138 | 32,632 | 4,802 | 166,745 | 0 | $(70,710)$ |
| 2029 | 51/50 | 100,836 | 19,755 | 0 | 120,591 | 122,905 | 46,976 | 35,534 | 5,042 | 210,457 | 0 | $(89,865)$ |
| 2030 | 52/51 | 105,878 | 0 | 0 | 105,878 | 125,709 | 89,333 | 42,104 | 5,294 | 262,439 | 0 | $(156,561)$ |
| 2031 | 53/52 | 111,172 | 0 | 0 | 111,172 | 128,586 | 94,357 | 45,948 | 5,559 | 274,450 | 0 | $(163,278)$ |
| 2032 | 54/53 | 116,731 | 0 | 0 | 116,731 | 131,540 | 99,674 | 48,337 | 5,837 | 285,387 | 0 | $(168,657)$ |
| 2033 | 55/54 | 122,567 | 0 | 0 | 122,567 | 134,572 | 57,820 | 47,747 | 6,128 | 246,267 | 0 | $(123,700)$ |
| 2034 | 56/55 | 128,696 | 0 | 0 | 128,696 | 137,684 | 10,597 | 47,105 | 6,435 | 201,821 | 0 | $(73,125)$ |
| 2035 | 57/56 | 135,130 | 0 | 0 | 135,130 | 140,878 | 10,862 | 49,954 | 6,757 | 208,450 | 0 | $(73,320)$ |
| 2036 | 58/57 | 141,887 | 0 | 0 | 141,887 | 144,157 | 11,134 | 52,912 | 7,094 | 215,297 | 0 | $(73,410)$ |
| 2037 | 59/58 | 148,981 | 0 | 0 | 148,981 | 147,522 | 11,412 | 55,984 | 7,449 | 222,368 | 0 | $(73,386)$ |
| 2038 | 60/59 | 156,430 | 0 | 0 | 156,430 | 150,977 | 11,697 | 59,186 | 7,822 | 229,682 | 0 | $(73,252)$ |
| 2039 | 61/60 | 164,252 | 0 | 0 | 164,252 | 154,523 | 11,990 | 62,521 | 8,213 | 237,246 | 0 | $(72,995)$ |
| 2040 | 62/61 | 224,590 | 0 | 0 | 224,590 | 125,168 | 12,290 | 75,344 | 8,623 | 221,425 | 3,166 | 0 |
| 2041 | 63/62 | 53,429 | 0 | 0 | 53,429 | 136,157 | 12,597 | 23,072 | 0 | 171,826 | 0 | $(118,396)$ |
| 2042 | 64/63 | 54,764 | 0 | 0 | 54,764 | 135,354 | 12,912 | 23,262 | 0 | 171,527 | 0 | $(116,763)$ |
| 2043 | 65/64 | 56,134 | 0 | 0 | 56,134 | 139,558 | 13,235 | 23,721 | 0 | 176,514 | 0 | $(120,380)$ |
| 2044 | 66/65 | 57,537 | 0 | 0 | 57,537 | 143,914 | 13,565 | 23,566 | 0 | 181,045 | 0 | $(123,508)$ |
| 2045 | 67/66 | 58,975 | 0 | 0 | 58,975 | 148,427 | 13,905 | 23,919 | 0 | 186,250 | 0 | $(127,274)$ |
| 2046 | 68/67 | 60,450 | 0 | 0 | 60,450 | 153,104 | 14,252 | 24,214 | 0 | 191,570 | 0 | $(131,120)$ |
| 2047 | 69/68 | 61,961 | 0 | 0 | 61,961 | 157,953 | 14,609 | 24,431 | 0 | 196,993 | 0 | $(135,032)$ |
| 2048 | 70/69 | 63,511 | 0 | 0 | 63,511 | 162,981 | 14,974 | 24,245 | 0 | 202,199 | 0 | $(138,688)$ |
| 2049 | 71/70 | 65,098 | 0 | 0 | 65,098 | 168,195 | 15,348 | 23,947 | 0 | 207,490 | 0 | $(142,392)$ |
| 2050 | 72/71 | 66,726 | 8,319 | 0 | 75,045 | 173,603 | 15,732 | 25,469 | 0 | 214,804 | 0 | $(139,759)$ |
| 2051 | 73/72 | 68,394 | 36,319 | 0 | 104,713 | 179,215 | 16,125 | 32,316 | 0 | 227,656 | 0 | $(122,944)$ |
| 2052 | 74/73 | 70,104 | 38,250 | 0 | 108,354 | 185,040 | 16,528 | 32,435 | 0 | 234,002 | 0 | $(125,649)$ |
| 2053 | 75/74 | 71,857 | 40,231 | 0 | 112,088 | 191,085 | 16,941 | 32,436 | 0 | 240,463 | 0 | $(128,375)$ |
| 2054 | 76/75 | 73,652 | 42,258 | 0 | 115,910 | 197,363 | 17,365 | 32,307 | 0 | 247,035 | 0 | $(131,125)$ |
| 2055 | 77/76 | 75,494 | 44,324 | 0 | 119,817 | 203,882 | 17,799 | 32,039 | 0 | 253,720 | 0 | $(133,903)$ |
| 2056 | 78/77 | 77,381 | 46,201 | 0 | 123,582 | 210,655 | 18,244 | 31,562 | 0 | 260,461 | 0 | $(136,879)$ |
| 2057 | 79/78 | 79,316 | 48,311 | 0 | 127,627 | 217,692 | 18,700 | 30,977 | 0 | 267,369 | 0 | $(139,742)$ |
| 2058 | 80/79 | 81,299 | 50,175 | 0 | 131,474 | 225,006 | 19,168 | 30,146 | 0 | 274,319 | 0 | $(142,845)$ |
| 2059 | 81/80 | 83,332 | 52,011 | 0 | 135,343 | 232,609 | 19,647 | 29,117 | 0 | 281,372 | 0 | $(146,030)$ |
| 2060 | 82/81 | 85,415 | 53,805 | 0 | 139,219 | 240,514 | 20,138 | 27,871 | 0 | 288,523 | 0 | $(149,304)$ |
| 2061 | 83/82 | 87,550 | 55,542 | 0 | 143,092 | 248,737 | 20,641 | 26,244 | 0 | 295,622 | 0 | $(152,530)$ |
| 2062 | 84/83 | 89,739 | 57,308 | 0 | 147,047 | 257,291 | 21,157 | 24,558 | 0 | 303,007 | 0 | $(155,960)$ |


| Year | Age | Income Inflows | Planned Distribution | Other Inflows | Total Inflows | Expenses | Goals | Tax Payment | Planned Saving | Total Outflows | Spend Unsaved Cash Flows | Net Flows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2063 | 85/84 | 91,982 | 59,100 | 0 | 151,082 | 266,193 | 21,686 | 22,904 | 0 | 310,783 | 0 | $(159,702)$ |
| 2064 | 86/85 | 94,282 | 60,503 | 0 | 154,785 | 275,458 | 22,229 | 21,748 | 0 | 319,435 | 0 | $(164,650)$ |
| 2065 | 87/86 | 96,639 | 61,883 | 0 | 158,522 | 285,104 | 22,784 | 20,520 | 0 | 328,408 | 0 | $(169,886)$ |
| 2066 | 88/87 | 99,055 | 63,233 | 0 | 162,288 | 295,150 | 23,354 | 19,207 | 0 | 337,711 | 0 | $(175,422)$ |
| 2067 | 89/88 | 101,531 | 64,542 | 0 | 166,073 | 945,902 | 23,938 | 4,040 | 0 | 973,880 | 0 | $(807,807)$ |
| 2068 | 90/89 | 104,069 | 65,798 | 0 | 169,867 | 995,222 | 24,536 | 17,087 | 0 | 1,036,844 | 0 | $(866,977)$ |
| 2069 | 91/90 | 106,672 | 9,497 | 0 | 116,168 | 1,047,306 | 25,150 | 18 | 0 | 1,072,474 | 0 | $(956,305)$ |


| Year | Age | Income Inflows | Planned Distribution | Other Inflows | Total Inflows | Expenses | Goals | Tax Payment | Planned Saving | Total Outflows | Spend Unsaved Cash Flows | Net Flows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2020 | 42/41 | 180,000 | 0 | 1,010,000 | 1,190,000 | 174,493 | 0 | 30,066 | 15,000 | 219,559 | 0 | 970,441 |
| 2021 | 43/42 | 120,750 | 0 | 0 | 120,750 | 114,934 | 0 | 28,506 | 12,438 | 155,878 | 0 | $(35,128)$ |
| 2022 | 44/43 | 126,788 | 0 | 0 | 126,788 | 111,962 | 7,880 | 30,790 | 13,179 | 163,810 | 0 | $(37,023)$ |
| 2023 | 45/44 | 133,127 | 0 | 0 | 133,127 | 109,329 | 8,077 | 33,011 | 13,980 | 164,396 | 0 | $(31,269)$ |
| 2024 | 46/45 | 139,783 | 0 | 0 | 139,783 | 111,728 | 8,279 | 35,393 | 14,846 | 170,246 | 0 | $(30,462)$ |
| 2025 | 47/46 | 146,772 | 0 | 0 | 146,772 | 114,190 | 8,486 | 37,860 | 15,781 | 176,316 | 0 | $(29,544)$ |
| 2026 | 48/47 | 154,111 | 0 | 0 | 154,111 | 116,717 | 8,698 | 45,108 | 16,792 | 187,315 | 0 | $(33,204)$ |
| 2027 | 49/48 | 161,817 | 0 | 0 | 161,817 | 119,311 | 8,915 | 48,724 | 17,886 | 194,836 | 0 | $(33,020)$ |
| 2028 | 50/49 | 169,907 | 0 | 0 | 169,907 | 121,973 | 9,138 | 52,039 | 19,070 | 202,219 | 0 | $(32,312)$ |
| 2029 | 51/50 | 178,403 | 37,609 | 0 | 216,012 | 124,705 | 46,976 | 55,480 | 20,217 | 247,377 | 0 | $(31,365)$ |
| 2030 | 52/51 | 187,323 | 61,456 | 0 | 248,779 | 127,509 | 89,333 | 61,296 | 14,554 | 292,691 | 0 | $(43,912)$ |
| 2031 | 53/52 | 196,689 | 5,538 | 0 | 202,227 | 130,386 | 94,357 | 69,845 | 9,834 | 304,423 | 0 | $(102,196)$ |
| 2032 | 54/53 | 206,523 | 0 | 0 | 206,523 | 133,340 | 99,674 | 73,971 | 10,326 | 317,311 | 0 | $(110,788)$ |
| 2033 | 55/54 | 216,850 | 0 | 0 | 216,850 | 136,372 | 57,820 | 74,826 | 10,842 | 279,860 | 0 | $(63,011)$ |
| 2034 | 56/55 | 227,692 | 0 | 0 | 227,692 | 139,484 | 10,597 | 75,640 | 11,385 | 237,106 | 0 | $(9,414)$ |
| 2035 | 57/56 | 239,077 | 0 | 0 | 239,077 | 142,678 | 10,862 | 79,769 | 11,954 | 245,263 | 0 | $(6,186)$ |
| 2036 | 58/57 | 251,031 | 0 | 0 | 251,031 | 145,957 | 11,134 | 84,135 | 12,552 | 253,777 | 0 | $(2,746)$ |
| 2037 | 59/58 | 263,582 | 0 | 0 | 263,582 | 149,322 | 11,412 | 88,813 | 13,179 | 262,726 | 856 | 0 |
| 2038 | 60/59 | 276,761 | 0 | 0 | 276,761 | 152,777 | 11,697 | 93,973 | 13,838 | 272,286 | 4,476 | 0 |
| 2039 | 61/60 | 290,599 | 0 | 0 | 290,599 | 156,323 | 11,990 | 99,403 | 14,530 | 282,246 | 8,354 | 0 |
| 2040 | 62/61 | 39,984 | 0 | 0 | 39,984 | 143,767 | 12,290 | 21,424 | 0 | 177,480 | 0 | $(137,496)$ |
| 2041 | 63/62 | 40,984 | 0 | 0 | 40,984 | 137,957 | 12,597 | 21,149 | 0 | 171,703 | 0 | $(130,719)$ |
| 2042 | 64/63 | 42,008 | 0 | 0 | 42,008 | 137,154 | 12,912 | 21,152 | 0 | 171,217 | 0 | $(129,210)$ |
| 2043 | 65/64 | 43,058 | 0 | 0 | 43,058 | 141,358 | 13,235 | 21,064 | 0 | 175,657 | 0 | $(132,599)$ |
| 2044 | 66/65 | 44,134 | 0 | 0 | 44,134 | 145,714 | 13,565 | 21,252 | 0 | 180,531 | 0 | $(136,397)$ |
| 2045 | 67/66 | 45,238 | 0 | 0 | 45,238 | 150,227 | 13,905 | 21,386 | 0 | 185,517 | 0 | $(140,279)$ |
| 2046 | 68/67 | 46,369 | 0 | 0 | 46,369 | 154,904 | 14,252 | 21,407 | 0 | 190,564 | 0 | $(144,195)$ |
| 2047 | 69/68 | 47,528 | 0 | 0 | 47,528 | 159,753 | 14,609 | 21,209 | 0 | 195,571 | 0 | $(148,043)$ |
| 2048 | 70/69 | 48,716 | 0 | 0 | 48,716 | 164,781 | 14,974 | 20,922 | 0 | 200,676 | 0 | $(151,960)$ |
| 2049 | 71/70 | 49,934 | 0 | 0 | 49,934 | 169,995 | 15,348 | 20,539 | 0 | 205,882 | 0 | $(155,948)$ |
| 2050 | 72/71 | 51,183 | 43,067 | 0 | 94,250 | 175,403 | 15,732 | 28,088 | 0 | 219,223 | 0 | $(124,973)$ |
| 2051 | 73/72 | 52,462 | 50,516 | 0 | 102,979 | 181,015 | 16,125 | 29,447 | 0 | 226,588 | 0 | $(123,609)$ |
| 2052 | 74/73 | 53,773 | 53,202 | 0 | 106,975 | 186,840 | 16,528 | 29,468 | 0 | 232,836 | 0 | $(125,860)$ |
| 2053 | 75/74 | 55,118 | 55,958 | 0 | 111,076 | 192,885 | 16,941 | 29,380 | 0 | 239,207 | 0 | $(128,130)$ |
| 2054 | 76/75 | 56,496 | 58,776 | 0 | 115,272 | 199,163 | 17,365 | 29,162 | 0 | 245,690 | 0 | $(130,418)$ |
| 2055 | 77/76 | 57,908 | 61,650 | 0 | 119,558 | 205,682 | 17,799 | 28,813 | 0 | 252,295 | 0 | $(132,737)$ |
| 2056 | 78/77 | 59,356 | 64,261 | 0 | 123,617 | 212,455 | 18,244 | 28,238 | 0 | 258,937 | 0 | $(135,319)$ |
| 2057 | 79/78 | 60,840 | 67,196 | 0 | 128,036 | 219,492 | 18,700 | 27,580 | 0 | 265,772 | 0 | $(137,736)$ |
| 2058 | 80/79 | 62,361 | 69,789 | 0 | 132,150 | 226,806 | 19,168 | 26,655 | 0 | 272,628 | 0 | $(140,478)$ |
| 2059 | 81/80 | 63,920 | 72,342 | 0 | 136,262 | 234,409 | 19,647 | 25,532 | 0 | 279,588 | 0 | $(143,326)$ |
| 2060 | 82/81 | 65,518 | 74,837 | 0 | 140,355 | 242,314 | 20,138 | 24,194 | 0 | 286,646 | 0 | $(146,291)$ |
| 2061 | 83/82 | 67,156 | 77,253 | 0 | 144,410 | 701,915 | 20,641 | 3,730 | 0 | 726,287 | 0 | $(581,877)$ |
| 2062 | 84/83 | 68,835 | 79,710 | 0 | 148,544 | 737,552 | 21,157 | 2,715 | 0 | 761,425 | 0 | $(612,880)$ |


| Year | Age | Income <br> Inflows | Planned <br> Distribution | Other <br> Inflows | Total <br> Inflows | Expenses | Goals | Tax <br> Payment | Planned <br> Saving | Total <br> Outflows | Spend Unsaved <br> Cash Flows | Net <br> Flows |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2063 | $85 / 84$ | 70,556 | 82,202 | 0 | 152,758 | 775,162 | 21,686 | 36,871 | 0 | 833,719 | $(680,961)$ | 0 |

## Property and Casualty Insurance

Liabilities associated with your home, auto, or other incidents can have a significant negative impact on your finances. Ensure that your insurance coverage is up to date and sufficient.


Proposed additional coverage

Homeowner insurance target \% ©

Auto insurance plan

Proposed additional umbrella

80\%

Coverage appropriate
-$\$ 0$

## College Funding Analysis

The cost of college education has risen substantially over the years. Projecting the future cost of education, as well as your current funding level, will help you in determining the proper course of action based on your goals, the type of funding you are using, and your time horizon.


## ACTION ITEMS

To achieve desired college funding level

| Current education account balance | $\$ 3,309$ | Annual return |
| :--- | ---: | :--- |
| Annual contribution | $\$ 7,200$ | $8 \%$ |
| Lump sum contribution | $\$ 0$ |  |

(2.) Jim and Pam feel very strongly about covering college for their children. They will need to save aggressively for the next 10 years in order to meet this goal. They will need to contribute $\$ 7,200$ annually for Cecelia and $\$ 6,800$ annually for Philip for this to happen however, they can only do $\$ 2,000$ per year right now. Once debts and other items get on track, they'll be able to contribute more.

Philip's projected college cost is \$ 174,399


## ACTION ITEMS

To achieve desired college funding level

| Current education account balance | $\$ 3,309$ | Annual return |
| :--- | ---: | :--- |
| Annual contribution | $\$ 6,800$ |  |
| Lump sum contribution | $\$ 0$ |  |

Jim and Pam feel very strongly about covering college for their children. They will need to save aggressively for the next 10 years in order to meet this goal. They will need to contribute $\$ 7,200$ annually for Cecelia and $\$ 6,800$ annually for Philip for this to happen however, they can only do $\$ 2,000$ per year right now. Once debts and other items get on track, they'll be able to contribute more.

## Disclosure

1. No Warranties. RightCapital makes no warranties, expressed or implied, as to accuracy, completeness, or results obtained from any information on www.rightcapital.com (the "Platform"). The Platform uses simplifies assumptions derived and/or obtained from historical data that are used to create assumptions about potential investment returns.
2. Advice. RIGHTCAPITAL DOES NOT PROVIDE LEGAL, TAX, ACCOUNTING, INVESTMENT OR FINANCIAL ADVICE. RIGHTCAPITAL DOES NOT PROVIDE

RECOMMENDATIONS FOR ANY PRODUCTS OR SECURITIES. Your advisor may not provide tax or legal advice. The appropriate professionals should be consulted on all legal and accounting matters prior to or in conjunction with implementation of any strategy. Use prospectus for any discussions about securities.
3. Data provided by you or your advisor for your assets, liabilities, goals, accounts, and other assumptions are key inputs for the calculations at RightCapital. The information should be reviewed periodically and updated whenever there is a change in information or circumstances.
4. Monte Carlo Simulation methodology. RightCapital generated Monte Carlo simulations calculating the results of your plan by running the projection 1000 times. 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. RightCapital considers a trial to be "successful" if at the end of the planning horizon your invested assets are greater than zero. The percentage of trials that were successful is the Probability of Success of your plan, with all its underlying assumptions.
5. Asset classes used in Monte Carlo simulation RightCapital uses only a few asset classes. The default return and volatility assumptions of the asset classes are estimated based on the historical return data of indices, which serve as proxies for their respective asset classes. They are not returns of actual investments. The historical return data used to derive returns for all asset classes are:
U.S. Large Growth, U.S. Large Value and Other: S\&P500 Total Return Index - 12/1967 - 12/2017
U.S. Mid Cap: Russell 1000 total return index - 12/1980 - 12/2017

Small Cap: Russell 2000 total return index - 12/1980 - 12/2017
International Equities: EAFE Total return (USD return) - 12/1969-12/2017
Emerging Markets Equity: MSCI Emerging market index (USD return) - 12/1987 - 12/2017
Real Estate: MSCI US REIT Index - 12/2008-12/2017
U.S. Government: Treasury bonds - 12/1997-12/2017

Municipal: Barclay Muni Bond Index - 12/1997-12/2017
U.S. Corporate and International Bonds: Barclay Corporate Bond Index - 12/1997-12/2017

High Yield: BofA Merrill Lynch US High Yield Index - 12/1997-12/2017
Cash: 3 Month Treasury returns - 12/1997-12/2017
Note: The S\&P500 Total Return Index is made up of both large cap growth and large cap value stocks. This index return and volatility data is used for both large cap growth and large cap value asset classes in the RightCapital system as it is an appropriate benchmark for both. RightCapital uses the S\&P500 total return index as the best proxy for any unclassified assets labeled as 'Other'

## 6. Return and volatility assumptions used in Monte Carlo simulations

| Asset Class | Total Return | Volatility | Asset Class | Total Return |
| :---: | :---: | :---: | :---: | :---: |
| Large Growth | $9.87 \%$ | $16.1 \%$ | Real Estate | Government |
| Large Value | $9.87 \%$ | $16.1 \%$ | Municipal | $9.87 \%$ |
| Mid Cap | $9.87 \%$ | $16.1 \%$ | Corporate | $5.22 \%$ |
| Small Cap | $9.91 \%$ | $21.9 \%$ | High Yield | $5 \%$ |
| International Equities | $9.02 \%$ | $18.5 \%$ | International Bonds | $5.2 \%$ |
| Emerging Markets | $11.31 \%$ | $27.1 \%$ |  | 5.29 |


| Asset Class | Total Return | Volatility |
| :---: | :---: | :---: |
| Cash | $0.5 \%$ | $1.9 \%$ |
| Other | $9.87 \%$ | $16.1 \%$ |

7. Tax and Inflation assumptions used in Monte Carlo simulations Starting federal and state standard deductions, exemptions and the tax brackets used in projections are as of 2019. The following inflation assumptions are used in the projection: General inflation 2.5\%; Education inflation 6\%; Tax inflation 2.5\%; Social Security inflation 2.5\%; Health inflation: 6\%

## 8. Assumption and calculation limitations of Monte Carlo Simulations

8.1 Your resources and goals may be different from the estimates that you provided: The report is intended to help you in making decisions on your financial future based, in part, on information that you have provided and reviewed including, but not limited to, your age, income, assets, liabilities, anticipated expenses and retirement age. Some of this information may change in unanticipated ways in the future and those changes may make this RightCapital projection less useful.
8.2 Inherent limitations in RightCapital financial model results: Investment outcomes in the real world are the results of a near infinite set of variables, few of which can be accurately anticipated. Any financial model, such as RightCapital, can only consider a small subset of the factors that may affect investment outcomes and the ability to accurately anticipate those few factors is limited. For these reasons, investors should understand that the calculations made in this report are hypothetical, do not reflect actual investment results, and are not guarantees of future results.
8.3 Results may vary with each use and over time: The results presented in this report are not predictions of actual results. Actual results may vary to a material degree due to external factors beyond the scope and control of this report. As investment returns, inflation, taxes, and other economic conditions vary from the assumptions, your actual results will vary from those presented in RightCapital. Small changes in these inputs and assumptions may have a significant impact on the results.
8.4 RightCapital considers investments in only a few Broad Investment Categories: RightCapital utilizes U.S. Large Growth, U.S. Large Value, U.S. Mid Cap, U.S. Small Cap, Real Estate, International Equities, Emerging Markets Equity, U.S. Government, U.S. Corporate, U.S. High Yield, International Bonds and Cash. These broad
investment categories are not specific securities, funds, or investment products. The assumed rates of return of these broad categories are based on the returns of indices. These indices do not include fees or operating expenses and are not available for investment. These indices are unmanaged and the returns are shown for illustrative purpose. It important to note that the broad categories that are used are not comprehensive and other investments that are not considered may have characteristics that are similar or superior to the categories that are used in RightCapital.
8.4.1 Investment Risk: Clients and prospective clients should be prepared to bear investment loss including loss of original principal. Clients should assess their tolerance for risk with their advisor and update when a change in financial status occurs. Investments are subject to many risks depending on the asset class, including but not limited to: Large Growth, Large Value, Mid Cap, Small Cap, Real Estate: Either the stock market as a whole, or the value of an individual company, may go down resulting in a decrease in the value of client investments. Common stocks are susceptible to general stock market fluctuations and to volatile increases and decreases in value as market confidence in and perceptions of their issuers change. If you held common stock, or common stock equivalents, of any given issuer, you would generally be exposed to greater risk than if you held preferred stocks and debt obligations of the issuer. Small cap stocks may be subject to risks such as but not limited to volatility, lack of available information and liquidity due to low trading volume. International Equities, Emerging Markets: Foreign investments may carry risks associated with investing outside the United States, such as currency fluctuation, economic or financial instability, lack of timely or reliable financial information or unfavorable political or legal developments. Those risks are increased for investments in emerging markets. Foreign securities can be more volatile than domestic (U.S.) securities. Government, Municipal, Corporate, High Yield, International Bonds: Investments in fixed income are subject to various risks including changes in interest rates, credit quality, inflation risk, market valuations, prepayments, corporate events, tax ramifications and other factors. Investing in securities involves risk of loss. Further, depending on the different types of investments there may be varying degrees of risk.
8.5 Insurance, Annuities and other related calculations. RightCapital may include Life insurance, annuity or other products in the calculation. The return or returns of any such life insurance product, annuity or other product, as may be included in the calculation, are hypothetical and shall not be used as proxy, replacement for nor construed as actual performance of the product or to predict or project investment results of those products. Product fees, expenses and detailed features may not be completely included and modeled in the calculation. This report should not be construed as an insurance policy application or pre-qualification.
8.6 Fees and expense: The portfolio returns assume that the portfolio is rebalanced on an annual basis to reflect the target allocation. No portfolio rebalancing costs are deducted from the portfolio value. Fees and expenses are not included, and thus, are excluded, including, but not limited to, fund fees, account fees, product fees and advisor fee. Inclusion of those fees results in lower returns, which would affect the probability of achieving any particular outcome.
8.7 Taxes: RightCapital includes limited accounting for taxes. RightCapital calculates taxes based on your input. RightCapital estimates federal, state and local taxes based on current laws with simplified deduction, exemption, and tax bracket parameters of the current year. In the projection, tax parameters are adjusted by an inflation assumption provided by you or your advisor. Future tax laws may be significantly different than current tax laws and may result in higher or lower taxes due than what are reflected within this report. Roth IRA distribution are tax free if made 5 years after the initial contribution to the plan and you are over $591 / 2$. Before investing in a 529 plan, consider whether your state offers a 529 plan that provides residents with favorable state tax benefits.
RightCapital includes limited accounting for Federal Estate Tax with simplified deduction, exemption, and tax bracket parameters of the current year. RightCapital does not include any State Estate tax.
8.8 Current Dollars and Future Dollars: The results of RightCapital calculations are in future dollars. To help you compare dollar amounts in different years, results can also be expressed in current dollars by discounting the future dollars by the inflation rate you or your advisor provides.
8.9 Current allocation and target allocation: Current allocation is the allocation based on the current portfolio holdings entered in the system as well as asset classification data from MorningsStar. The target allocation is the allocation recommended by your financial advisor.
8.10 Current plan and proposed plan: Current plan is the plan based on the information you and your advisor input in the profile section. Proposed plan is the plan recommended by your financial advisor, with the plan details as shown in the retirement analysis section.
9. Liquidation of holdings: this report may include liquidation of holdings, recommended by your financial advisor. The transaction cost of liquidation is not included in the analysis. The liquidation will also result in the loss of future earnings.


[^0]:    * Broad market index refers to the Vanguard Total Stock Market Index.

