## Financial Simulator

## Investing Plan

Sample Simulation: Just starting to invest in tax deferred plan, expect it to grow @7\%, inflation of 2\%, realized gains and income are not taxable, start with $\$ 6,000$ annual contributions for first four years then increase to $\mathbf{\$ 1 0 , 0 0 0}$ as income increases and so on until retirement in 2040.

| Information | Amount | Year |  | Amount |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current Value of Investment | \$0 | From | то |  |  | Year |  |
| Expected Rate of Return | 7.00\% | 2017 | 2040 | Inflation Rate. | 2\% |  |  |
| Expected Rate of Return |  |  |  |  |  |  |  |
| Annual Investments |  | From | To | Annual Withdrawals |  | From | To |
| Investment | \$6,000 | 2017 | 2020 | Withdrawal |  |  |  |
| Investment | \$8,000 | 2021 | 2025 | Withdrawal |  |  |  |
| Investment | \$10,000 | 2026 | 2040 | Withdrawal |  |  |  |
| Investment |  |  |  | Withdrawal |  |  |  |
| Est. \% Tax on Gain |  |  |  | Est. \% Tax on Withdrawal |  |  |  |
| One Time Investments |  | Year |  | One Time Payments |  | Year |  |
| Investment |  |  |  | Payment |  |  |  |
| Investment |  |  |  | Payment |  |  |  |
| Investment |  |  |  | Payment |  |  |  |


| Year | Withdrawals | Taxes on Withdrawals | Net | Rate of <br> Return | Annual <br> Gain | Est. \% Tax on Gain | Taxes on <br> Annual Gain | Investments \& Payments | Assets <br> Year End | Inflation | Inflation <br> Adjusted. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2017 | \$0 | \$0 | \$0 | 7.0\% | \$0 | 0\% | \$0 | \$6,000 | \$6,000 | 2.0\% | \$5,882 |
| 2018 | \$0 | \$0 | \$0 | 7.0\% | \$420 | 0\% | \$0 | \$6,000 | \$12,420 | 2.0\% | \$11,938 |
| 2019 | \$0 | \$0 | \$0 | 7.0\% | \$869 | 0\% | \$0 | \$6,000 | \$19,289 | 2.0\% | \$18,177 |
| 2020 | \$0 | \$0 | \$0 | 7.0\% | \$1,350 | 0\% | \$0 | \$6,000 | \$26,640 | 2.0\% | \$24,611 |
| 2021 | \$0 | \$0 | \$0 | 7.0\% | \$1,865 | 0\% | \$0 | \$8,000 | \$36,504 | 2.0\% | \$33,063 |
| 2022 | \$0 | \$0 | \$0 | 7.0\% | \$2,555 | 0\% | \$0 | \$8,000 | \$47,060 | 2.0\% | \$41,788 |
| 2023 | \$0 | \$0 | \$0 | 7.0\% | \$3,294 | 0\% | \$0 | \$8,000 | \$58,354 | 2.0\% | \$50,801 |
| 2024 | \$0 | \$0 | \$0 | 7.0\% | \$4,085 | 0\% | \$0 | \$8,000 | \$70,439 | 2.0\% | \$60,119 |
| 2025 | \$0 | \$0 | \$0 | 7.0\% | \$4,931 | 0\% | \$0 | \$8,000 | \$83,369 | 2.0\% | \$69,760 |
| 2026 | \$0 | \$0 | \$0 | 7.0\% | \$5,836 | 0\% | \$0 | \$10,000 | \$99,205 | 2.0\% | \$81,383 |
|  | \$0 |  | \$0 |  | \$25,205 |  | \$0 | \$74,000 |  |  |  |
| 2027 | \$0 | \$0 | \$0 | 7.0\% | \$6,944 | 0\% | \$0 | \$10,000 | \$116,150 | 2.0\% | \$93,415 |
| 2028 | \$0 | \$0 | \$0 | 7.0\% | \$8,130 | 0\% | \$0 | \$10,000 | \$134,280 | 2.0\% | \$105,879 |
| 2029 | \$0 | \$0 | \$0 | 7.0\% | \$9,400 | 0\% | \$0 | \$10,000 | \$153,680 | 2.0\% | \$118,799 |
| 2030 | \$0 | \$0 | \$0 | 7.0\% | \$10,758 | 0\% | \$0 | \$10,000 | \$174,437 | 2.0\% | \$132,202 |
| 2031 | \$0 | \$0 | \$0 | 7.0\% | \$12,211 | 0\% | \$0 | \$10,000 | \$196,648 | 2.0\% | \$146,112 |
| 2032 | \$0 | \$0 | \$0 | 7.0\% | \$13,765 | 0\% | \$0 | \$10,000 | \$220,413 | 2.0\% | \$160,559 |
| 2033 | \$0 | \$0 | \$0 | 7.0\% | \$15,429 | 0\% | \$0 | \$10,000 | \$245,842 | 2.0\% | \$175,571 |
| 2034 | \$0 | \$0 | \$0 | 7.0\% | \$17,209 | 0\% | \$0 | \$10,000 | \$273,051 | 2.0\% | \$191,179 |
| 2035 | \$0 | \$0 | \$0 | 7.0\% | \$19,114 | 0\% | \$0 | \$10,000 | \$302,165 | 2.0\% | \$207,415 |
| 2036 | \$0 | \$0 | \$0 | 7.0\% | \$21,152 | 0\% | \$0 | \$10,000 | \$333,316 | 2.0\% | \$224,312 |
|  | \$0 |  | \$0 |  | \$134,111 |  | \$0 | \$100,000 |  |  |  |
| 2037 | \$0 | \$0 | \$0 | 7.0\% | \$23,332 | 0\% | \$0 | \$10,000 | \$366,648 | 2.0\% | \$241,906 |
| 2038 | \$0 | \$0 | \$0 | 7.0\% | \$25,665 | 0\% | \$0 | \$10,000 | \$402,314 | 2.0\% | \$260,232 |
| 2039 | \$0 | \$0 | \$0 | 7.0\% | \$28,162 | 0\% | \$0 | \$10,000 | \$440,476 | 2.0\% | \$279,330 |
| 2040 | \$0 | \$0 | \$0 | 7.0\% | \$30,833 | 0\% | \$0 | \$10,000 | \$481,309 | 2.0\% | \$299,240 |
| 2041 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$293,373 |
| 2042 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$287,620 |
| 2043 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$281,981 |
| 2044 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$276,452 |
| 2045 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$271,031 |
| 2046 | \$0 | \$0 | \$0 | 0.0\% | \$0 | 0\% | \$0 | \$0 | \$481,309 | 2.0\% | \$265,717 |
|  | \$0 |  | \$0 |  | \$107,993 |  | \$0 | \$40,000 |  |  |  |

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