

FINANCIAL INDEPENDENCE, RETIRE EARLY (FIRE) ESTIMATOR

For anyone new to Excel, go to File > New > Welcome to Excel. This template will help you learn foundational concepts of Excel.

In the "Learn more" sheet, you can play with Excel features or choose a related template - including a standard retirement estimator - to make more spreadsheets.

This simple pre-retirement calculator can assist you with goal setting and lifestyle adjustments to support your early retirement dream. Like any simple tool, it can't replace professional financial advice customized to your personal situation, so use as a tool in your toolbox. There is no guaranteed outcome as market events can impact your results, and there is risk associated with any investment. Please note this estimator is for US residents.

To get started, read the instructions for each worksheet below, then, go to the "Inputs" tab to enter your values.

"Monthly expenses input" worksheet instructions

1. Fill in your monthly expenses for each category like housing, food, transportation, etc.

2. To add more rows, select the row immediately below > right click > select Insert row.

Example: to add a row above "Water and sewer" in "Housing" table, select row 10 > right click > insert row. This creates a blank row between "Gas" and "Water and Sewer."

"Portfolio asset mix input" worksheet instructions

1. Fill in the portfolio asset mix table for your investment portfolio.
Example: if you have investments of \$100k, of which \$10k cash, \$50k stocks, and \$40k bonds, you can fill in 10% cash, 50% stock, 40% bond.

2. To add more rows, select the row immediately below it > right click > insert row.
Example: to add a row above "Stocks" in "Portfolio Asset Mix" table, select row 9 (Stocks) > right click > insert row. This creates a blank row between "Cash" and "Stocks".

INPUTS

CURRENT	AMOUNT	AT RETIREMENT	AMOUNT
Current age	35	Target retirement age	59
Household annual income from work	\$50,000	Withdrawal rate in retirement	3.3%
Household annual expenses, including taxes	\$37,000	Retirement expenses ratio	80%
Household annual savings	\$18,000	OPTIONAL INPUTS	
Annual savings growth rate	0.5%	Other income in retirement	\$
Current investment portfolio	\$100,000	Cash from downsizing my home	0
Overall portfolio growth rate	3.3%	Increased annual medical expenses	\$
Sensitivity: portfolio grows higher/lower than expected	0%		0
			\$
			0

RESULTS

Estimated retirement age

59

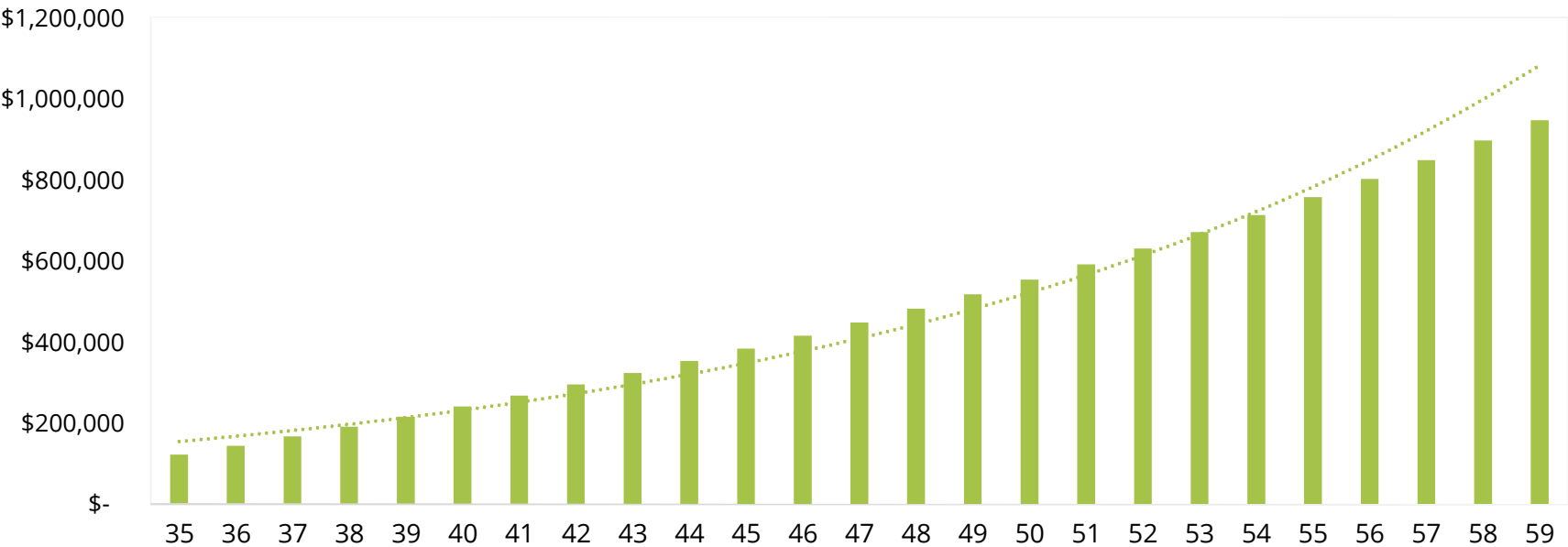
You are on track to achieve your target;
Well done, keep updating this plan

0 years

AT RETIREMENT	AMOUNT
Target portfolio value needed to hit your goal	\$896,97
Additional portfolio value needed to hit your goal	0
	\$796,97
	0

AT RETIREMENT	AMOUNT
Annual household expenses your portfolio will support	\$29,60
Difference between target & minimum retirement ages (years)	0 0

ESTIMATED PORTFOLIO -NOW UNTIL RETIREMENT



FILL IN MONTHLY EXPENSES

MONTHLY EXPENSES

\$2,238.00

Housing	Cost
Mortgage or rent	\$1,000.00
Phone	\$90.00
Electricity	\$56.00
Gas	\$28.00
Water and sewer	\$20.00
Cable	\$34.00
Waste removal	\$10.00
Maintenance or repairs	\$0.00
Supplies	\$0.00
House insurance	\$0.00
Other	\$0.00
Housing Subtotal	\$1,238.00

Food	Cost
Groceries	\$1,000.00
Dining out	\$0.00
Other	\$0.00

Food Subtotal	\$1,000.00
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Public transportation/rideshare	Cost
Vehicle payment	\$0.0
Bus/taxi fare	0
Insurance	\$0.0
Licensing	0
Fuel	\$0.0
Maintenance	0
Other	\$0.0
Transportation Subtotal	0
	\$0.0

Loans	0 Cost
Personal	\$0.0 \$0.0
Student	0
Credit card	\$0.0 \$0.0
Credit card	0
Credit card	\$0.0 \$0.0
Other	0
Loan Subtotal	\$0.0
	0

Taxes	\$0.0 Cost
Federal	0 \$0.0
State	\$0.0 0
	0 \$0.0
	\$0.0 0

Local	\$0.0
Other	0
Taxes Subtotal	\$0.0
	0
Miscellaneous	\$0.0
Kids' school fees	\$0.0
Kids' college 529 expenses	0
Legal or attorney fees	\$0.0
Alimony	0
Child support	\$0.0
Charitable gifts	0
Entertainment (e.g., movies, concerts)	\$0.0
Personal care (e.g., spa)	0
Gym and fitness fees	\$0.0
Pet food and pet care costs	0
Other	\$0.0
Miscellaneous subtotal	0
	\$0.0
	0
	\$0.0
	0
	\$0.0
	0
	\$0.0
	0
	\$0.0
	0

FILL IN YOUR PORTFOLIO ASSET

Cumulative adjusted growth rate, adjusted for inflation

3.3%

Note: Excel calculates an overall annual growth rate based on your portfolio asset mix and assumptions behind their growth.

Portfolio asset mix	Percentages	Notes
Cash	10%	
Stocks	50%	
Bonds	40%	
Total asset mix	100%	

Assumptions	CAGR real returns	Notes
Cash	0.10	
Stocks	% 5%	
Bonds	2%	

LEARN HOW TO

1. Create tables to organize data.
2. Create charts to visualize trends.
3. Highlight data based on conditions (conditional formatting)

To begin, we will unhide a few worksheets: right click on the "Learn More" sheet tab › Unhide. Select "Learn Tables", "Learn Charts", and "Learn Conditional Formatting" then click "OK".