



Compound Interest Calculator

Determine how much your money can grow using the power of compound interest.

*** DENOTES A REQUIRED FIELD**

Step 1: Initial Investment

Initial Investment *

Amount of money that you have available to invest initially.

\$0 

Step 2: Contribute

Monthly Contribution

Amount that you plan to add to the principal every month, or a negative number for the amount that you plan to withdraw every month.

\$600

Length of Time in Years *

Length of time, in years, that you plan to save.

30

Step 3: Interest Rate

Estimated Interest Rate *

Your estimated annual interest rate.

8


Interest rate variance range

Range of interest rates (above and below the rate set above) that you desire to see results for.

Step 4: Compound It

Compound Frequency

Times per year that interest will be compounded.

Annually 

CALCULATE

RESET

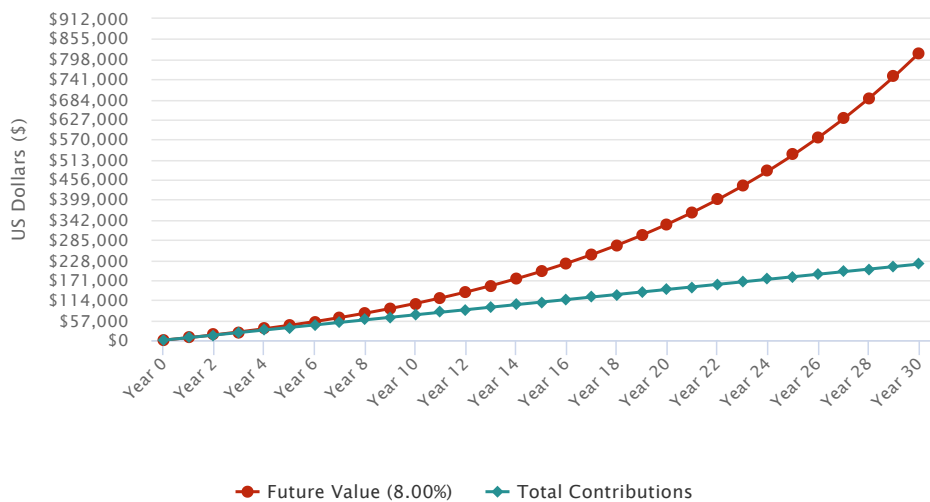
The Results Are In

In **30** years, you will have **\$815,639.12**

The chart below shows an estimate of how much your initial savings will grow over time, according to the interest rate and compounding schedule you specified.

Please remember that slight adjustments in any of those variables can affect the outcome. Reset the calculator and provide different figures to show different scenarios.

Total Savings



Investor.gov

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NEXT STEPS

Savings Goal Calculator

Find out how much you need to save each month to reach a specific amount.

[Go To Calculator \(/financial-tools-calculators/calculators/savings-goal-calculator\) ▶](#)

Check Out Your Investment Professional

It's a great first step toward protecting your money. Learn more about an investment professional's background, registration status, and more.

[Search the Database \(https://www.investor.gov/introduction-investing/getting-started/working-investment-professional/check-out-your-investment\)](https://www.investor.gov/introduction-investing/getting-started/working-investment-professional/check-out-your-investment) ▶

More tools to help you save

- [College Savings Calculator \(/financial-tools-calculators/financial-tools/college-savings-calculator\)](#)
- [Required Minimum Distribution Calculator \(/financial-tools-calculators/calculators/required-minimum-distribution-calculator\)](#)
- [Retirement Ballpark E\\$timate \(/additional-resources/free-financial-planning-tools/ballpark-etimate\)](#)
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