

MasteryPOINT's

FINANCIAL PLANNING CALCULATORS

Fact Sheet

Description

MasteryPOINT's calculators enable financial institutions to add valuable content to their websites. Whether your target audience is qualified plan providers and sponsors, the IRA market, or a broader financial arena, MasteryPOINT's calculators will make your website a valuable financial planning resource. Calculators exist in multiple functional areas, including:

- Qualified Plan Savings Tools
- Qualified Plan Distribution Tools
- IRA Tools
- Asset Allocation Tools
- Budgeting/Planning Tools

Features

- **Easy to use.** The answers to a few quick questions are all that is required to provide useful financial information.
- **Simple implementation.** MasteryPOINT's technical team will walk you through the installation procedure (if help is required).
- **Flexible.** The calculators incorporate pleasing graphics, which can be modified to suit your specific website requirements.
- **Regulatory requirements addressed.** Calculators meet existing regulatory requirements and are frequently updated. MasteryPOINT's understanding of sometimes complex requirements (e.g., the IRS's SEPP requirements) ensures that your web content is reliable and accurate.
- **Hosting options.** Choose to host on your server or MasteryPOINT's.

Benefits

- **Valuable education.** The calculators add simple, effective education value to your website and encourage informed financial decisions.
- **Cost effective.** Available individually or as a bundled package, MasteryPOINT's calculators are affordable educational tools.
- **Motivational.** Encourages users to take their financial decisions seriously and take action.

Note: Many calculators are included in MasteryPOINT's *GuidancePlus* and *AdvicePlus* products at no additional cost.



Qualified Plan Savings Tools

- **Roth Analyzer**
The Roth Analyzer uses personal data to estimate plan balances and expected retirement income for both types of contributions. Users can examine the results of keeping their take-home pay the same or their 401(k) savings the same.
- **Gap Analyzer**
Using savings rate, income, and other simple data inputs, the Gap Analyzer estimates whether a participant's present savings rate is sufficient to meet post-retirement needs.
- **Retirement Savings Calculator**
The Retirement Savings Calculator projects a future retirement plan account balance based on age and income, expected salary increases, savings rate, matching contributions, and projected investment return.
- **Savings Goal Calculator**
The Savings Goal Calculator estimates how much someone must save each month to reach a specified goal based on current balance, anticipated annual return, and time frame.
- **Paycheck Calculator**
Using inputs of salary, withholding allowances, savings rate, etc., the Paycheck Calculator estimates a participant's net pay after making tax-deferred contributions to a retirement savings plan and highlights amount gained each pay period by saving pretax dollars.
- **Plan Loan Calculator**
The Plan Loan Calculator projects the total cost of taking a plan loan, including the difference in plan balance at retirement plus the missed growth from not investing the loan payments.
- **Social Security Calculator**
The Social Security Calculator estimates a monthly and annual benefit given current and projected salary and when the user intends to retire and begin receiving benefits.
- **Contribution Maximizer**
The Contribution Maximizer calculates how much you will have to save for each pay period for the remainder of the year to maximize your annual retirement contribution.
- **Paycheck Comparison Calculator**
The Paycheck Comparison tool demonstrates how different plan savings strategies can affect your paycheck take-home pay and what your projected retirement savings might be for each of the savings strategies.
- **Self-Employed Contribution Calculator**
If you are self-employed, the Self-Employed Contribution Calculator determines how much you can contribute to your own qualified retirement plan each year.

Qualified Plan Distribution Tools

- **Depletion Calculator**
The Depletion Calculator allows participants nearing retirement to estimate the amount they can afford to withdraw annually. The calculator also estimates how long a given balance will last and the amount of savings required to meet future needs.
- **Distribution Planner**
The Distribution Planner shows different distribution options and compares the advantages, disadvantages, and estimated after-tax results of five retirement plan distribution choices.
- **Substantially Equal Periodic Payment (SEPP) Calculator**
The SEPP Calculator determines "substantially equal periodic payments" per year using the three IRS-approved methods.

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Calculators
Returns to Main Menu

Plan Loan Calculator

This tool measures the total cost of the loan by adding the actual costs with the opportunity costs generated by the plan loan.

If you are planning to take a loan from your account, you should consider the full cost of that loan. Your savings balance will be affected for a time, but there will also be an "opportunity cost" associated with the loan. That opportunity cost can be measured by assuming that the loan payments you are making could have been saved somewhere else in a taxable account.

Enter the specifics of your loan in the fields below. You may then change various assumptions to analyze multiple loan scenarios. After you've entered / confirmed your information below, press "Calculate" to determine your estimated plan loan amounts.

Input - Plan Loan Information

Current Age:	30
Retirement Age:	65
Loan Amount:	30000
Loan Interest Rate:	4.5 %
Loan Term (in months):	36
Loan Start Date:	January 2007 (YYYY)
Loan Origination Fees:	1000
Plan Growth Assumption:	7 %

Calculate

Click the "Calculate" button to determine your estimated plan loan amounts.

The calculator provides hypothetical examples and are not intended to represent past or future performance of a specific investment which cannot be predicted or guaranteed, or to provide specific advice to any individual. Rates of return will vary over time. Those investments offering a higher rate of return also involve a higher degree of risk.

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Plan Loan Calculator Input

Any Questions?

Please call Eliot Freeman at 518-862-3317.

IRA Tools

- **IRA Analyzer**

The IRA Analyzer compares Roth and traditional IRAs and estimates how much a person could have in each type of account at retirement assuming equal contributions to each and the same investment return. This tool also analyzes if converting a traditional IRA to a Roth IRA makes sense.

- **IRA Comparison Tool**

The IRA Comparison Tool uses personal financial data, including expected contributions and present and post-retirement income-tax rates, to help individuals choose which IRA is right for them.

- **Traditional IRA vs. Taxable Savings Tool**

Using personal tax rate, expected rate of return, and years to retirement, the Traditional IRA vs. Taxable Savings Tool compares the results of saving in a tax-deferred account and saving in a taxable account, helping users determine the most effective savings strategy.

- **Required Minimum Distribution Calculator**

Based on age and account balance, the Required Minimum Distribution Calculator determines the minimum amount that an individual must withdraw from a traditional IRA and other tax-deferred accounts for the current year.

Asset Allocation Tools

- **Asset Allocation Calculator**

The Asset Allocation Calculator determines the percentages of cash, bond, and stock investments in a portfolio, allowing users to better understand where they stand financially.

- **Asset Allocation Planner**

Based on the user's age, anticipated retirement age, and the answers to five questions, the Asset Allocation Planner evaluates risk and time horizon to suggest potential investment mixes to best meet retirement needs.

months): 4.5 %
Date: January 2007 (yyyy)
Origination Fees: 1000
Growth Assumption: 7 %

Click the "Calculate" button to determine your estimated plan loan amounts.

Output - Plan Loan Calculator Results

Your Monthly Loan Payment (payable back into your account):	\$892.41
Difference in your plan balance on your retirement date with a loan compared to not taking a loan:	(\$35,087.33)
The retirement date value of your loan payments*:	\$180,775.03
Total opportunity cost of your loan**:	\$215,862.36

*This calculation assumes that instead of taking the loan, you invested the projected monthly amount during the term of the loan. The investment then grows on an after-tax basis until retirement at the retirement plan growth rate.
**This calculation illustrates the total opportunity cost of the loan if you were to not take the loan and invest the loan payments in after-tax investments at the assumed retirement plan growth rate.



Plan Loan Calculator Results

Budgeting/Planning Tools

- **College Planner**

The College Planner estimates the monthly savings needed to meet future tuition expenses for up to 10 children using expected rates of savings growth and tuition inflation.

- **Budget/Cash Flow Analyzer**

The Budget/Cash Flow Analyzer tracks and summarizes income and expenses for the year and compares them with budgeted amounts, helping individuals to stay on track.

- **Loan Calculator**

The Loan Calculator generates the information individuals need to make fact-based decisions about borrowing (excluding retirement plan loans) and to determine the monthly payment.

- **Monthly Spending Planner**

The Monthly Spending Planner allows individuals to establish monthly budget caps based on income, track actual spending, and quickly calculate differences between the two.

- **Net Worth Calculator**

The Net Worth Calculator estimates current net worth — positive or negative — based on personal asset and liability data.

- **Retirement Budget Estimator**

The Retirement Budget Estimator helps users create a realistic post-retirement budget by analyzing their anticipated changes in income, taxes, and living expenses.

- **Credit Card Payoff Calculator**

The Credit Card Payoff Calculator projects the number of months it will take to eliminate a debt based on interest rate, payment amount, and estimated new charges. It also shows the monthly payment necessary to pay off the balance in a specified number of months. Users can create and view a payment schedule.

- **Mortgage Loan Calculator**

The Mortgage Loan Calculator determines how much an individual can borrow for a mortgage loan using the industry standard 28/36 qualifying ratio.

- **Mortgage Payment Calculator**

The Mortgage Payment Calculator computes the monthly mortgage payment for a given loan amount, interest rate, and loan term. The loan amortization schedule can also be computed and printed.

Getting Started

MasteryPOINT's financial planning calculators can be quickly and easily implemented. In most cases, implementation can be completed within two weeks. Here's what you need to do:

- Go to our demo site (www.masterypoint.com) and check out the calculators in the Toolbox.
- Call Eliot Freeman at 518-862-3317 to request a price quote and for answers to any questions.

Custom Calculators and Projectors

MasteryPOINT develops custom calculators and projector tools to meet specific customer requirements. Customization of existing tools is available, or new tools can be developed to meet your needs.