

NaviPlan User Manual:

Calculators

(Volume II of VI)

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Canadian version

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Contents

NaviPlan User Manual:	1
Calculators	1
Contents	1
Chapter 1: Using this manual	3
NaviPlan User Guide Series	4
Conventions	5
NaviPlan Resources	7
Partner Support	7
Chapter 2: Introduction to Calculators in NaviPlan	8
Opening a calculator	10
Managing calculators	11
Reviewing and printing calculator results	12
Inflation calculators	13
Cost of Living calculator	14
Purchasing Power calculator	15
Inflation History calculator	16
Historical Returns calculator	17
Goals calculators	18
Retirement calculators	18
Major purchase calculators	18
Education calculators	18
Insurance calculators	18
Retirement Required Savings calculator	19
Retirement Available Savings calculator	20
Retirement Capital Required	21
Retirement Capital Available	22
Major Purchase Required Savings calculator	23

Major Purchase Available Savings calculator	24
Education Savings calculator	25
Life Insurance calculator	26
Critical Illness calculator	29
Non-registered calculators	30
Capital Growth calculator	31
Regular Investments calculator	32
Payout Duration calculator	33
Indexed Payout calculator	34
Registered calculators	35
RRIF Payout calculator	36
LRIF Payout calculator	37
LIF Payout calculator	38
Life Annuity Payout calculator	39
Term Annuity Payout calculator	40
RRSP Savings calculator	41
Other calculators	42
RRSP vs. Mortgage calculator	43
Leverage vs. Savings calculator	44
Loan Comparison calculator	45
Mortgage Comparison calculator	46
TFSA Savings & Comparison calculator	47
Index	48

Chapter 1: Using this manual

The NaviPlan user manual series includes all the instructions you need to use NaviPlan effectively. This chapter will help you use all the manuals in this series. More manuals are available on the [Learning Centre](#).

In this chapter:

NaviPlan User Guide Series	4
Conventions	5
NaviPlan Resources	7

NaviPlan User Guide Series

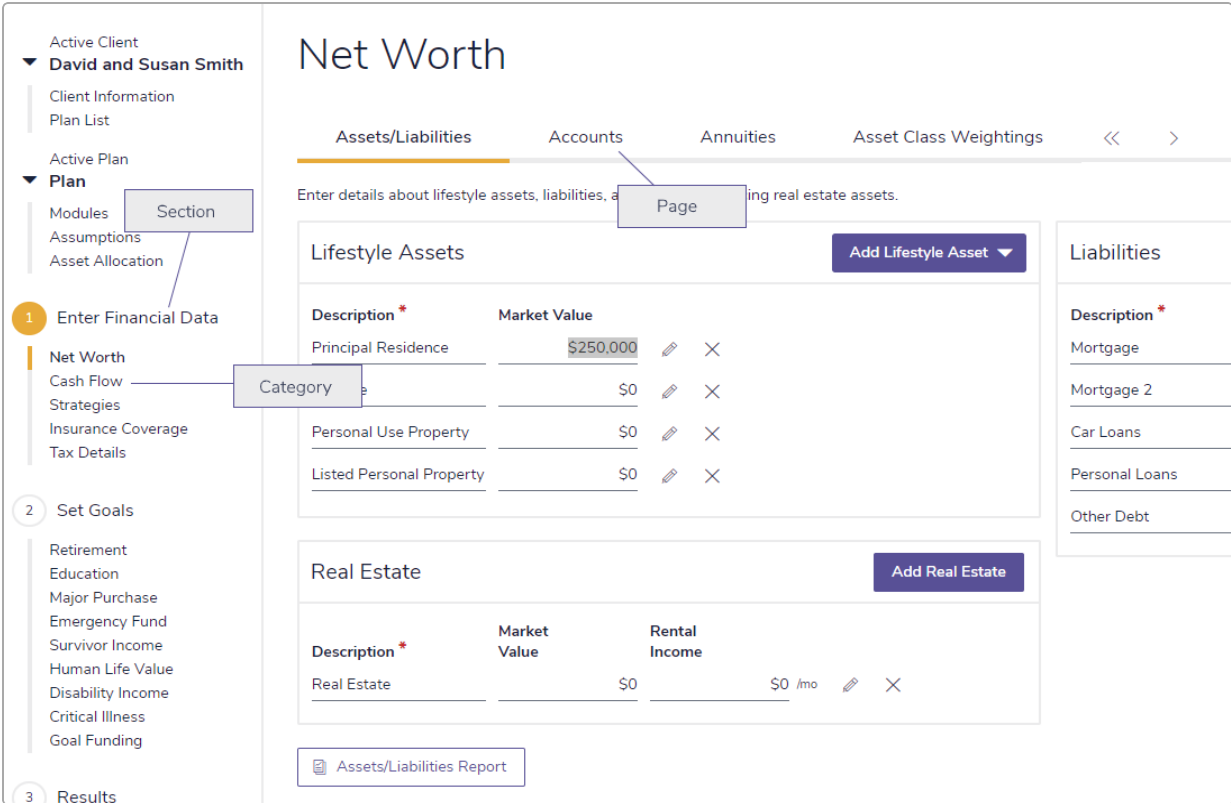
NaviPlan user guides are organized by the tasks you can accomplish in each level. If you are a new NaviPlan user, start with the **Introduction** user guide.

User manual	Tasks covered
Introduction	<ul style="list-style-type: none"> ■ Setting up user preferences. ■ Creating and managing client engagements. ■ Determining which assessment or plan level to select. ■ Using NaviPlan workflow.
Calculators	<ul style="list-style-type: none"> ■ Using calculators to model specific aspects of your clients' finances.
Forecaster Assessment	<ul style="list-style-type: none"> ■ Quickly assessing your clients' current financial situation. ■ Entering account and annuity information.
Asset Allocation Assessment	<ul style="list-style-type: none"> ■ Determining your clients' investor profile.
Level 1 and Level 2 Plans: Entering client data and goals	<ul style="list-style-type: none"> ■ Entering financial planning assumptions. ■ Entering detailed net worth, cash flow, and insurance information. ■ Adding holdings to accounts and annuities. ■ Entering real estate assets. ■ Using the Detailed Tax method and Detailed Cash Flow. ■ Entering saving and redemption strategies. ■ Entering client goals. ■ Generating client reports.
Level 1 and Level 2 Plans: Analyzing client goals	<ul style="list-style-type: none"> ■ Analyzing your clients' goals using Scenario Manager. ■ Conducting detailed cash flow and net worth analyses. ■ Generating Monte Carlo simulations. ■ Creating goal scenarios. ■ Generating client reports.

Conventions

This user guide uses the following conventions.

- The names of items on the screen are bolded and italicized. For example, the **Clients** page opens.
- The names of items that you must select, click, or enter appear in bold. For example, select **Recommended**, and then click **OK**.
- To help you navigate through the application, locations are separated by en dashes (-). For example, **Enter Financial Data – Net Worth – Accounts**.



Enter Financial Data – Net Worth – Accounts

To help you use this guide, please note the following abbreviations and graphics:

- FA – Refers to the Forecaster Assessment.
- **Level 1** – Indicates that the step or paragraph applies to **Level 1 Plans** only.
- **Level 2** – Indicates that the step or paragraph applies to **Level 2 Plans** only.
- **A. Tax** – Indicates that the step or paragraph only applies when you are using the **Average Tax** method.
- **D. Tax** – Indicates that the step or paragraph only applies when you are using the **Detailed Tax** method.

NaviPlan Resources

Advicent provides several resources to help you use NaviPlan. The following table shows some of the resources available and where to find them.

Advicent resource	Description and location
Help	The quickest way to get information about any item within NaviPlan is to use the application Help. To access Help, select NaviPlan Help from the Help & Resources menu. Help includes a glossary of terms.
Functional Documents	Functional documents explain NaviPlan functionality, underlying assumptions, and results calculations. You can access functional documents on specific topics on the related page in the Learning Centre , or a list of all available functional documents on the Functional Documents page.
Quick Reference Guides (QRGs)	Quick Reference Guides are designed to get you started with a particular workflow in NaviPlan. You can access QRGs on specific topics on the related page in the Learning Centre , or a list of all available QRGs on the Quick Reference Guides page.
User Guides	You can also access other user guides in this series . You can access user guides on the User Guides page in the NaviPlan Learning Centre .
Training Videos	Training videos are designed to give you an overview of completing a specific task in NaviPlan. You can access videos on specific topics on the related page in the Learning Centre , or a list of all available functional documents on the Videos page.
Take Action™ Webinars	The Take Action™ webinar series helps you get the best return on your investment in NaviPlan by showing you how to apply the software to real world situations . You can access webinars on specific topics on the related page in the Learning Centre , or a list of all available functional documents on the Take Action Webinars page.

Partner Support

Contact us by telephone at:

(888) 692-3474

(Monday–Thursday, 7:30 am–6 pm Central Time)

(Friday, 7:30 am–5:00pm Central Time)

Contact us by email at:

support@advicentsolutions.com

Chapter 2:

Introduction to Calculators in NaviPlan

For a quick snapshot of your clients' current financial situation, future goals, and objectives, use the calculators in NaviPlan. To develop a general needs analysis or for more detailed planning, use the assessment or plan types.

In this chapter:

Opening a calculator	10
Managing calculators	11
Reviewing and printing calculator results	12
Inflation calculators	13
Cost of Living calculator	14
Purchasing Power calculator	15
Inflation History calculator	16
Historical Returns calculator	17
Goals calculators	18
Retirement calculators	18
Major purchase calculators	18
Education calculators	18
Insurance calculators	18
Retirement Required Savings calculator	19
Retirement Available Savings calculator	20
Retirement Capital Required	21
Retirement Capital Available	22
Major Purchase Required Savings calculator	23
Major Purchase Available Savings calculator	24
Education Savings calculator	25
Life Insurance calculator	26
Critical Illness calculator	29

Non-registered calculators	30
Capital Growth calculator	31
Regular Investments calculator	32
Payout Duration calculator	33
Indexed Payout calculator	34
Registered calculators	35
RRIF Payout calculator	36
LRIF Payout calculator	37
LIF Payout calculator	38
Life Annuity Payout calculator	39
Term Annuity Payout calculator	40
RRSP Savings calculator	41
Other calculators	42
RRSP vs. Mortgage calculator	43
Leverage vs. Savings calculator	44
Loan Comparison calculator	45
Mortgage Comparison calculator	46
TFSA Savings & Comparison calculator	47

Opening a calculator

To save the calculator details for later use, you must open the client file first, and then open the calculator. This means that the calculator must be opened from within a client file in order to be saved.

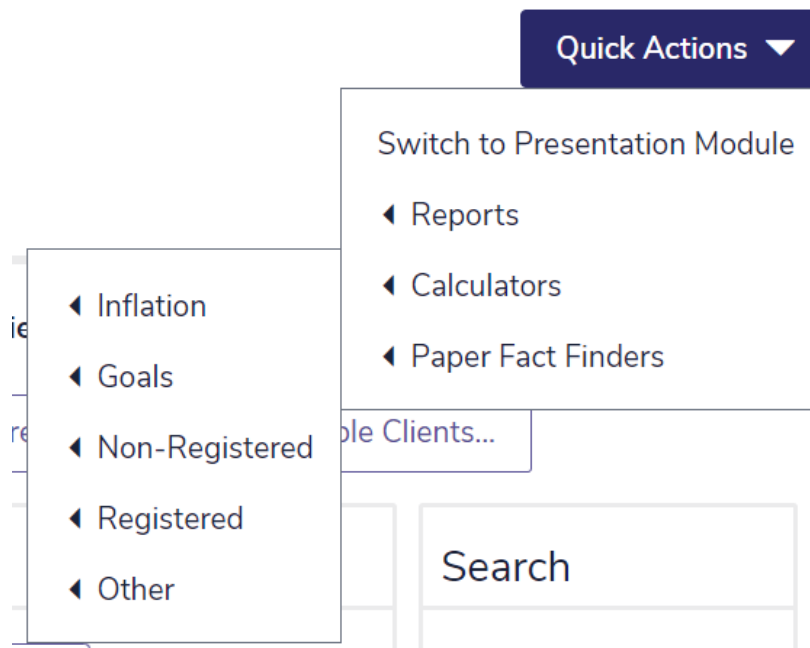
To open a calculator, follow these steps:

1. From any page in the application once you have opened a client file, go to the **Quick Actions** menu in the upper-right corner of the window, select **Calculators**, and then choose a calculator.

OR

Go to the **Plan Management** section – **Plan List** category – **Plans** page and click **New**.

Select the **Calculator** option, and then select a calculator from the menu.



Quick Actions (displaying the Calculators sub-menu)

2. To open a previously saved calculator, select it from the menu on the **Plans** page.

Managing calculators

NaviPlan allows you to manage multiple calculators in a client file. You can create, open, duplicate, and delete calculators in the **Calculator Management** dialog box.

To manage multiple calculators, in an open client file, go to the **Calculators** menu, and then select **Calculator Management**.

Description	Type	Modified Date
<input checked="" type="radio"/> Cost of Living	Cost of Living	Mar 29 2019 11...

Calculators – Calculator Management – Calculator Management

To...	Do this...
Create a new calculator	Click New , and then select a calculator. Enter the required data, and then click OK .
Open an existing calculator	Select a calculator to open, and then click Open , or click the link for the calculator you want to open.
Duplicate a calculator	Select the calculator you want to duplicate, and then click Duplicate . Note: The Inflation calculators cannot be duplicated.
Delete a calculator	Select the calculator you want to delete, and then click Delete .

Reviewing and printing calculator results

After entering the clients' information, in most of the calculators the calculator results appear under **Analysis Results** on **Details** in <calculator>.

Retirement Required Savings Calculator ?

Retirement Information		Assumptions	
Description	<u>Retirement Required</u>	Initial Investment	\$0
Annual Income Needs (paid monthly)		Average Tax Rate	40.00%
Desired Income (after tax)	\$50,000 <input checked="" type="checkbox"/> In Today's Dollars	RRSP/RRIF	<input type="checkbox"/>
Index at	3.00%	Return Rate for RRSP/RRIF	6.00%
From Age	65	Ignore RRIF Minimums	<input type="checkbox"/>
To Age	90	Delay RRIF Minimums Until Age	71
Savings Information		Interest Only	<input checked="" type="checkbox"/>
Index Required Monthly Savings at	3.00%	Interest	6.00%
From Age	35	Capital Gains	0.00%
To Age	65	Dividends	0.00%
		Deferred Growth	0.00%
Analysis Results			

Quick Actions – Calculators – Goals – Retirement Required Savings – Retirement Required Savings Calculator

To view a detailed report, go to the **Reports** tab in the <calculator> dialog box.

To generate a printer-friendly version of the report, click either the **PDF** or the **Word** button.

Inflation calculators

Four types of inflation calculators are available:

- [Cost of Living calculator](#)
- [Purchasing Power calculator](#)
- [Inflation History calculator](#)
- [Historical Returns calculator](#)

Cost of Living calculator

The **Cost of Living** calculator shows how much money is required in the future to purchase \$1,000 worth of goods today based on inflation rates ranging from 1% to 13%.

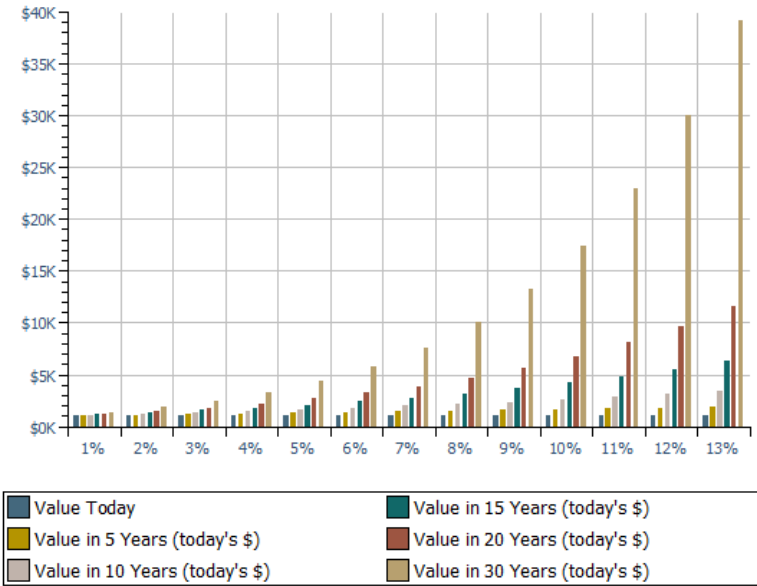
Note: This calculator displays historical data only and cannot be modified or duplicated.

Cost of Living Calculator (?) X

PDF Word

Impact of Inflation on the Cost of Living

This report illustrates the sum of money you may need in future years, due to inflation, to purchase \$1,000 of goods.



Annual Rate	Value	Value in 5 Years	Value in 10 Years	Value in 15 Years	Value in 20 Years	Value in 30 Years
-------------	-------	------------------	-------------------	-------------------	-------------------	-------------------

OK Cancel

Quick Actions – Calculators – Inflation – Cost of Living – Cost of Living Calculator

Purchasing Power calculator

The **Purchasing Power** calculator shows how varying inflation rates reduce the value of \$1,000 over time.

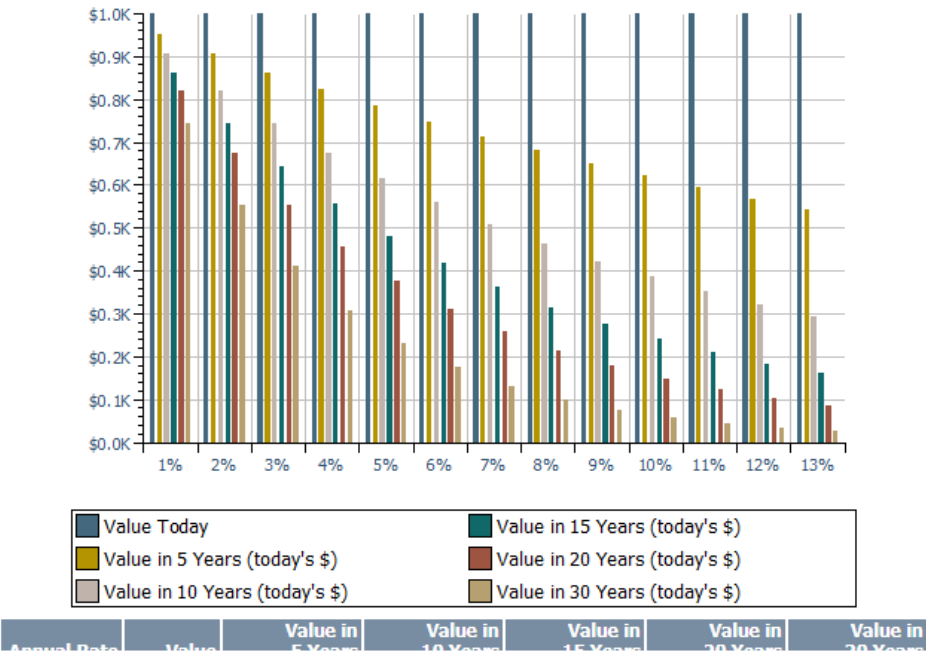
Note: This calculator displays historical data only and cannot be modified or duplicated.

Purchasing Power Calculator (?) X

PDF Word

Impact of Inflation on Purchasing Power

This report illustrates how much \$1,000 in today's dollars could be worth in future years due to inflation.



OK Cancel

Quick Actions – Calculators – Inflation – Purchasing Power – Purchasing Power Calculator

Inflation History calculator

The *Inflation History* calculator shows the history of the rate of inflation over time.

Note: This calculator displays historical data only and cannot be modified or duplicated.

Inflation History Calculator

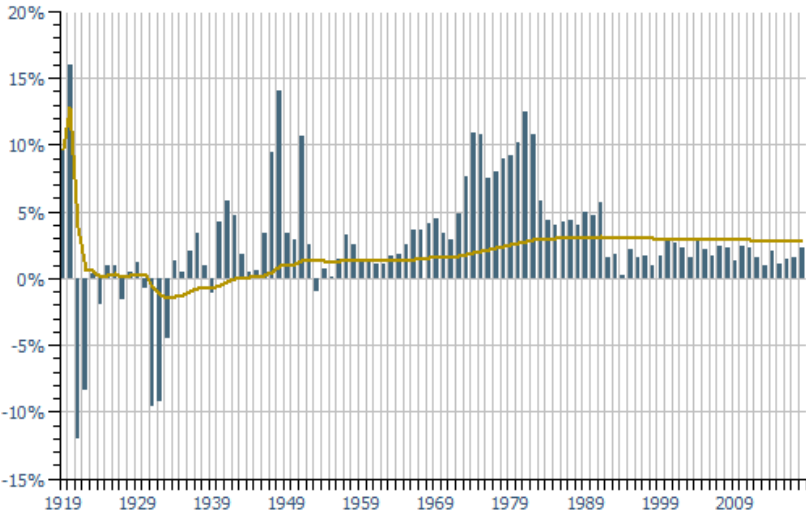


Period: 1919 - 2018 1994 - 2018 2009 - 2018

PDF Word

Inflation History

This graph illustrates the historical rate of inflation over many decades.



Inflation Annualized Inflation (to date)

Year	Inflation	Annualized Inflation (to date)
1919	9.68%	9.68%
1920	15.07%	12.79%

OK

Cancel

Quick Actions - Calculators - Inflation - Inflation History - Inflation History Calculator

To change the time span shown in the report, select one of the *Period* options. The report updates.

Historical Returns calculator

The **Historical Returns** calculator allows you to model historical returns, growth, or volatility based on a varying asset mix.

Historical Returns Calculator

Details Reports

A graph illustrates the historical rates of return for selected assets classes over a specific period. For accurate data to appear, historical data must be available for the range of years entered. If a specific year range is entered in the **Return Period** fields, ensure the **From** year value is earlier than the **To** year value. Note the following:

- If **Returns** is selected, you can enter a one-year time span.
- If **Growth** is selected, you must enter a minimum two-year time span.
- If **Volatility** is selected, you must enter a minimum five-year time span.

Settings

Calculator Type Returns
 Growth
 Volatility

Currency Type ⓘ Canadian

Return Period 20 Years From 1955 To 2018

Asset Class

Five Year GIC US Equity Custom Asset Class [Details...](#)
 Canadian Bonds Real Estate
 Canadian Equity Cdn Long Bonds
 International Equity Global Bonds

Select All Select None

Analysis Results

OK Cancel

Quick Actions – Calculators – Inflation – Historical Returns – Historical Returns Calculator

Goals calculators

Planning calculators are available for retirement planning, major purchase, education, life insurance, and critical illness goals.

This guide provides a general description of all the goals calculators.

Retirement calculators

- [Retirement Required Savings](#)
- [Retirement Available Savings](#)
- [Retirement Capital Required](#)
- [Retirement Capital Available](#)

Major purchase calculators

- [Major Purchase Required Savings](#)
- [Major Purchase Available Savings](#)

Education calculators

- [Education Savings](#)

Insurance calculators

- [Life Insurance](#)
- [Critical Illness](#)

Retirement Required Savings calculator

The **Retirement Required Savings** calculator calculates the amount the client needs to save monthly to meet his or her desired retirement income based on the initial investment, savings time frame, average tax rate in retirement, and assumed return rates.

Retirement Required Savings Calculator



Details
Reports

Use this calculator to determine the amount of monthly savings required to meet your desired retirement income needs.

Retirement Information	Assumptions																																		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Description</td> <td style="border-bottom: 1px solid #ccc;">Retirement Required</td> </tr> <tr> <td>Annual Income Needs (paid monthly)</td> <td></td> </tr> <tr> <td>Desired Income (after tax)</td> <td style="border-bottom: 1px solid #ccc;">\$50,000 <input checked="" type="checkbox"/> In Today's Dollars</td> </tr> <tr> <td>Index at</td> <td style="border-bottom: 1px solid #ccc;">3.00%</td> </tr> <tr> <td>From Age</td> <td style="border-bottom: 1px solid #ccc;">65</td> </tr> <tr> <td>To Age</td> <td style="border-bottom: 1px solid #ccc;">90</td> </tr> </table>	Description	Retirement Required	Annual Income Needs (paid monthly)		Desired Income (after tax)	\$50,000 <input checked="" type="checkbox"/> In Today's Dollars	Index at	3.00%	From Age	65	To Age	90	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Initial Investment</td> <td style="border-bottom: 1px solid #ccc;">\$0</td> </tr> <tr> <td>Average Tax Rate</td> <td style="border-bottom: 1px solid #ccc;">40.00%</td> </tr> <tr> <td>RRSP/RRIF</td> <td style="border-bottom: 1px solid #ccc;"><input type="checkbox"/></td> </tr> <tr> <td>Return Rate for RRSP/RRIF</td> <td style="border-bottom: 1px solid #ccc;">6.00%</td> </tr> <tr> <td>Ignore RRIF Minimums</td> <td style="border-bottom: 1px solid #ccc;"><input type="checkbox"/></td> </tr> <tr> <td>Delay RRIF Minimums Until Age</td> <td style="border-bottom: 1px solid #ccc;">71</td> </tr> <tr> <td>Interest Only</td> <td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Interest</td> <td style="border-bottom: 1px solid #ccc;">6.00%</td> </tr> <tr> <td>Capital Gains</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> <tr> <td>Dividends</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> <tr> <td>Deferred Growth</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> </table>	Initial Investment	\$0	Average Tax Rate	40.00%	RRSP/RRIF	<input type="checkbox"/>	Return Rate for RRSP/RRIF	6.00%	Ignore RRIF Minimums	<input type="checkbox"/>	Delay RRIF Minimums Until Age	71	Interest Only	<input checked="" type="checkbox"/>	Interest	6.00%	Capital Gains	0.00%	Dividends	0.00%	Deferred Growth	0.00%
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Dividends	0.00%																																		
Deferred Growth	0.00%																																		
<h4 style="margin-bottom: 5px;">Savings Information</h4> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Index Required Monthly Savings at</td> <td style="border-bottom: 1px solid #ccc;">3.00%</td> </tr> <tr> <td>From Age</td> <td style="border-bottom: 1px solid #ccc;">35</td> </tr> <tr> <td>To Age</td> <td style="border-bottom: 1px solid #ccc;">65</td> </tr> </table>		Index Required Monthly Savings at	3.00%	From Age	35	To Age	65																												
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From Age	35																																		
To Age	65																																		
<h4 style="margin-bottom: 5px;">Analysis Results</h4> <p style="margin-bottom: 5px;">You need to save \$3,068 per month (indexed at 3.00% annually) to a Non-Registered Account from age 35 to 65.</p> <p>As of age 65, the Market Value will be \$2,889,975 and the Adjusted Cost Base will be \$2,889,975.</p>																																			

Quick Actions – Calculators – Goals – Retirement Required Savings – Retirement Required Savings Calculator

Retirement Available Savings calculator

The Retirement Available Savings calculator calculates the amount of annual, after-tax income the client will receive in retirement based on the initial investment, monthly savings, tax rates, savings time frame, and assumed return rates.

Retirement Available Savings Calculator



Details

Reports

Use this calculator to determine the amount of attainable retirement income to meet a desired income need based on a possible monthly savings plan.

Possible Savings Plan	Assumptions																																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Description</td> <td style="border-bottom: 1px solid #ccc;">Retirement Availa</td> </tr> <tr> <td>Initial Investment</td> <td style="border-bottom: 1px solid #ccc;">\$0</td> </tr> <tr> <td>Monthly Savings</td> <td style="border-bottom: 1px solid #ccc;">\$0</td> </tr> <tr> <td>Index at</td> <td style="border-bottom: 1px solid #ccc;">3.00%</td> </tr> <tr> <td>From Age</td> <td style="border-bottom: 1px solid #ccc;">35</td> </tr> <tr> <td>To Age</td> <td style="border-bottom: 1px solid #ccc;">65</td> </tr> </table>	Description	Retirement Availa	Initial Investment	\$0	Monthly Savings	\$0	Index at	3.00%	From Age	35	To Age	65	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Average Tax Rate</td> <td style="border-bottom: 1px solid #ccc;">40.00%</td> </tr> <tr> <td>RRSP/RRIF</td> <td style="border-bottom: 1px solid #ccc;"><input type="checkbox"/></td> </tr> <tr> <td>Return Rate for RRSP/RRIF</td> <td style="border-bottom: 1px solid #ccc;">6.00%</td> </tr> <tr> <td>Ignore RRIF Minimums</td> <td style="border-bottom: 1px solid #ccc;"><input type="checkbox"/></td> </tr> <tr> <td>Delay RRIF Minimums Until Age</td> <td style="border-bottom: 1px solid #ccc;">71</td> </tr> <tr> <td>Interest Only</td> <td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Interest</td> <td style="border-bottom: 1px solid #ccc;">6.00%</td> </tr> <tr> <td>Capital Gains</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> <tr> <td>Dividends</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> <tr> <td>Deferred Growth</td> <td style="border-bottom: 1px solid #ccc;">0.00%</td> </tr> </table>	Average Tax Rate	40.00%	RRSP/RRIF	<input type="checkbox"/>	Return Rate for RRSP/RRIF	6.00%	Ignore RRIF Minimums	<input type="checkbox"/>	Delay RRIF Minimums Until Age	71	Interest Only	<input checked="" type="checkbox"/>	Interest	6.00%	Capital Gains	0.00%	Dividends	0.00%	Deferred Growth	0.00%
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<p style="margin-top: 10px;">Retirement Information</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Index Retirement Income at</td> <td style="border-bottom: 1px solid #ccc;">3.00%</td> </tr> <tr> <td>From Age</td> <td style="border-bottom: 1px solid #ccc;">65</td> </tr> <tr> <td>To Age</td> <td style="border-bottom: 1px solid #ccc;">90</td> </tr> </table> <p><input checked="" type="checkbox"/> Report Results In Today's Dollars</p>	Index Retirement Income at	3.00%	From Age	65	To Age	90																											
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From Age	65																																
To Age	90																																
<p style="margin-top: 10px;">Analysis Results</p> <p style="font-size: 0.8em;">Based on your current savings strategy, you may be able to attain a retirement income of \$0 (in today's dollars). As of age 65, the Market Value will be \$0 and the Adjusted Cost Base will be \$0.</p>																																	

Quick Actions – Calculators – Goals – Retirement Available Savings – Retirement Available Savings Calculator

Retirement Capital Required

The *Retirement Capital Required* calculator shows the capital required to finance your client’s retirement and the total market value of the investment from the time of the initial investment until the client’s death.

Retirement Capital Required Calculator



Details Reports

Use this calculator to determine how much capital you need to meet your retirement goals.

Calculator Name
[Retirement Capital Required](#)

Investment Information		Retirement Information	
Invested at Age	35	From Age	65
Average Tax Rate	40.00%	To Age	90
<input checked="" type="radio"/> Non-Registered Investments		Desired After-Tax Income	\$50,000
Interest Only	<input checked="" type="checkbox"/>	Today's Dollars	<input checked="" type="checkbox"/>
Interest	6.00%	Indexed At	3.00%
Capital Gains	0.00%	Ignore RRIF Minimums	<input type="checkbox"/>
Dividends	0.00%	Delay RRIF Minimums Until Age	71
Deferred Growth	0.00%		
<input type="radio"/> RRSP/RRIF			
Return Rate	6.00%		

Analysis Results

To retire with \$50,000 a year (in today's dollars), you will need to invest **\$1,000,234** by age 35.

Quick Actions – Calculators – Goals – Retirement Capital Required – Retirement Capital Required Calculator

Retirement Capital Available

The *Retirement Capital Available* calculator shows the after-tax income that could be provided by the client's capital.

Retirement Capital Available Calculator



Details Reports

Use this calculator to determine how much after-tax retirement income will be provided by your capital.

Calculator Name
Retirement Capital Availabl

Investment Information		Retirement Information	
Initial Capital	\$500,000	From Age	65
Invested at Age	35	To Age	90
Average Tax Rate	40.00%	Indexed At	3.00%
<input checked="" type="radio"/> Non-Registered Investments		Report Results in Today's Dollars	<input checked="" type="checkbox"/>
Interest Only	<input checked="" type="checkbox"/>	Ignore RRIF Minimums	<input type="checkbox"/>
Interest	6.00%	Delay RRIF Minimums Until Age	71
Capital Gains	0.00%		
Dividends	0.00%		
Deferred Growth	0.00%		
<input type="radio"/> RRSP/RRIF			
Return Rate	6.00%		

Analysis Results

Your investment of \$500,000 can provide you with an indexed, after-tax retirement income of **\$24,994**.

Quick Actions – Calculators – Goals – Retirement Capital Available – Retirement Capital Available Calculator

Major Purchase Required Savings calculator

The Major Purchase Required Savings calculator determines how much money your clients need to save each month to meet a desired major purchase goal.

Major Purchase Required Savings Calculator



Details Reports

Enter information in the fields below to determine the amount of savings required to meet a major purchase goal.

Major Purchase Information		Assumptions	
Description	<u>Major Purchase</u>	Initial Investment	<u>\$0</u>
Major Purchase Goal	<u>\$0</u>	Average Tax Rate	<u>40.00%</u>
Index at	<u>3.00%</u> <input checked="" type="checkbox"/> 2019 Dollars	Interest Only	<input checked="" type="checkbox"/>
Starting Year	<u>2019</u>	Interest	<u>6.00%</u>
Purchase Year	<u>2024</u>	Capital Gains	<u>0.00%</u>
Stop Savings Year	<u>2024</u>	Dividends	<u>0.00%</u>
Index Required Monthly Savings at	<u>3.00%</u>	Deferred Growth	<u>0.00%</u>

Analysis Results

You need to save **\$0** per month (indexed at 3.00% annually) from 2019 to 2024.

Quick Actions – Calculators – Goals – Major Purchase Required Savings – Major Purchase Required Savings Calculator

Major Purchase Available Savings calculator

The **Major Purchase Available Savings** calculator determines the after-tax value of funds that will be available for your clients for use toward a major purchase, based on a monthly savings amount and time frame.

You can view the results as today's value (discounted by inflation) or, as a future value.

Major Purchase Available Savings Calculator



Details

Reports

Use this calculator to determine how much money you will have for a major purchase goal based on a monthly savings plan.

Major Purchase Information		Assumptions	
Description	<u>Major Purchase</u>	Initial Investment	<u>\$0</u>
Monthly Savings	<u>\$0</u> Index at <u>3.00%</u>	Average Tax Rate	<u>40.00%</u>
Starting Year	<u>2019</u>	Interest Only	<input checked="" type="checkbox"/>
Purchase Year	<u>2024</u>	Interest	<u>6.00%</u>
Stop Savings Year	<u>2024</u>	Capital Gains	<u>0.00%</u>
Major Purchase Index At	<u>3.00%</u>	Dividends	<u>0.00%</u>
<input checked="" type="checkbox"/> Report Results in Today's Dollars		Deferred Growth	<u>0.00%</u>

Analysis Results

You will accumulate **\$0** (in 2019 dollars) towards your major purchase goal in 2024.

Quick Actions – Calculators – Goals – Major Purchase Required Savings – Major Purchase Available Savings Calculator

Education Savings calculator

The **Education Savings** calculator determines how much money your clients need to save each month to plan for a child's education. You can use either a registered education savings plan (RESP) or a non-registered savings account.

Education Savings Calculator



Details Reports

Enter information in the fields below to determine the amount of savings required to meet an education goal.

Education Information

Description [Education Savings](#)

Education Savings 1 Education Savings 2 Education Savings 3

Education for Julie

Age at End of Year	<u>17</u>	<u>0</u>	<u>0</u>
Education Start Age	<u>18</u>	<u>0</u>	<u>0</u>
Annual Education Cost (in today's \$)	<u>\$5,000</u>	<u>\$0</u>	<u>\$0</u>
Number of Years	<u>4</u>	<u>0</u>	<u>0</u>

Cost Indexed at 3.00%

Assumptions

Initial Investment \$0

Registered Education Savings Plan

Estimated Net Family Income \$0

Index Required Monthly Savings at 3.00%

Starting Year 2019

Contributor Tax Rate 40.00%

Student Tax Rate 15.00%

Interest Only

Interest 6.00%

Capital Gains 0.00%

Dividends 0.00%

Deferred Growth 0.00%

Return Rate for RESP 8.00%

Analysis Results

For Julie, you need to save **\$1,670** per month (indexed at 3.00% annually) from 2019 to 2020.

Quick Actions – Calculators – Goals – Education Savings – Education Savings Calculator

Life Insurance calculator

The **Life Insurance** calculator estimates how much life insurance your clients may require to protect the income and assets of surviving beneficiaries. The tabs on which you enter information are **General**, **Expenses at Death**, **Future Income Needs**, and **Current Assets & Insurance**.

Life Insurance Calculator



Enter applicable expenses, income needs, and existing assets on the tabs below to determine life insurance needs.

General Expenses at Death Future Income Needs Current Assets & Insurance Reports

Life Insurance Information		Assumptions	
Description	<u>Life Insurance</u>	Inflation Rate	3.00% Details...
Insured	<u>Insured</u>	Assumed Return Rate	6.00%
Beneficiary	<u>Beneficiary</u>	Less: Tax Rate	40.00% = -2.4%
		After-Tax Yield on Capital	3.60%
		Less: Inflation Rate on Income and Expenses	-3.00%
		Real Return on Capital (after tax and inflation)	0.60%

Quick Actions – Calculators – Goals – Life Insurance – Life Insurance Calculator – General

Quick Actions – Calculators – Life Insurance – Life Insurance Calculator – General

On the **General** tab, under **Assumptions**, you can edit the inflation rate, assumed return rate, and tax rate that NaviPlan will use to calculate the real rate of return (after taxes and inflation) earned on life insurance proceeds that have been invested.

On the **Expenses at Death** tab, you can enter all the lump-sum expenses that the surviving client will incur following the client’s or co-client’s death.

Life Insurance Calculator



Enter applicable expenses, income needs, and existing assets on the tabs below to determine life insurance needs.

General Expenses at Death **Future Income Needs** Current Assets & Insurance Reports

Future Income Needs

	Total	Until Children are self-supporting	After Children are self-supporting	During Retirement
Number of Years	0	0	0	0
Annual Living Expenses of Survivor (current dollars)		\$0	\$0	\$0
Less: Estimated CPP/QPP Benefits		\$0	\$5,555	\$0
Survivor's Earned Income		\$6,785	\$0	\$0
Other Assured Income		\$0	\$0	\$1,525
Old Age Security		\$0	\$0	\$0
Plus: Taxes Payable		\$2,714	\$2,222	\$610
Annual Income Needs - Deficiency (Surplus)		-\$4,071	-\$3,333	-\$915

Capital Needs

Choose one of the following methods to calculate the required capital amount.

Method Capital Depletion

Quick Actions – Calculators – Goals – Life Insurance – Life Insurance Calculator – Future Income Needs

Quick Actions – Calculators – Life Insurance – Life Insurance Calculator – Future Income Needs

On the **Future Income Needs** tab, you can determine the annual income that will be required by the survivor throughout his or her life cycle. For example, you can enter different expense amounts for the following:

- Before the children are self-supporting.
- When the children are self-supporting.
- During the survivor's retirement.

On this tab, you will also choose one of the following methods to calculate the family's required capital after the insured dies:

- **Capital Retention** – NaviPlan leaves the bulk of the client's estate untouched. Only the growth of the life insurance proceeds and realizable net worth are used to cover expenses. Additional insurance coverage is required.
- **Capital Depletion** – The growth of the client's life insurance proceeds and realizable net worth are used to cover required expenses. Insurance coverage can be lower, however the client's net worth may be significantly reduced.

On the **Current Assets & Insurance** tab, you can enter the total amount of the family's realizable assets, the amount of the insured's existing life insurance coverage, and the amount of CPP/QPP death benefit payment expected, if any.

The **Reports** tab shows you the results based on the life insurance information entered and recommends additional life insurance that may be required.

Critical Illness calculator

The **Critical Illness** calculator analyzes the clients' critical illness needs over time.

Critical Illness Calculator



Details | Reports

This calculator allows you to analyze a client's critical illness insurance needs over time.

Calculator Name
Critical Illness

Financial Security in the Event of Critical Illness

In the event of a critical illness:

How much debt would you like to pay?	\$51,525
How much cash would you like to have available for alternative medical treatment?	\$0
How large is the monthly income supplement would you like to create?	\$0
For how many months would you like the income supplement to continue?	0

Portion of Gross Coverage Provided by Existing Insurance

Enter the amount and duration of existing critical illness coverage:

Monthly benefits provided by existing disability insurance coverage	\$4,505
Months of benefits provided by existing disability insurance coverage	0
Total non-medical benefit provided by existing critical illness coverage	\$0
Total medical benefit provided by existing critical illness coverage	\$54,365

Analysis Results

In the event of a critical illness, you will require **\$51,525** additional capital.

Quick Actions – Calculators – Goals – Critical Illness – Critical Illness Calculator

Non-registered calculators

Four types of non-registered asset calculators are available:

- [Capital Growth](#)
- [Regular Investments](#)
- [Payout Duration](#)
- [Indexed Payout](#)

This guide provides a general description of all the calculators.

Capital Growth calculator

The **Capital Growth** calculator shows the effect of inflation and taxes on the growth of a non-registered asset.

Capital Growth Calculator



Details Reports

Use this calculator to estimate how much your invested capital will be worth in the future.

Calculator Name
Capital Growth

Investment Information		Capital Growth Period	
Initial Market Value	<u>\$100,000</u>	Start Year	<u>2019</u>
Interest Only	<input checked="" type="checkbox"/>	Start Age	<u>40</u>
Initial Adjusted Cost Base	<u>\$100,000</u>	Number Of Years	<u>20</u>
Average Tax Rate	<u>40.00%</u>		

Return Rates		Assumptions	
Interest	<u>6.00%</u>	Inflation	<u>3.00%</u>
Capital Gains	<u>0.00%</u>		
Dividends	<u>0.00%</u>		
Deferred Growth	<u>0.00%</u>		

Analysis Results

In 20 years , the \$100,000 you invested will be worth **\$202,859**, or **\$112,318** after tax and inflation.

Quick Actions – Calculators – Non-Registered – Capital Growth – Capital Growth Calculator

Regular Investments calculator

The **Regular Investments** calculator shows the effect of periodic savings on the growth of a non-registered asset.

Regular Investments Calculator



Details Reports

This calculator shows you how your non-registered investment contributions will grow over time.

Calculator Name
Regular Investments

General Information		New Investments	
Initial Market Value	\$1,000	Amount	\$100
Initial Adjusted Cost Base	\$1,000	Frequency	Monthly
Average Tax Rate	40.00%	Time of Year	NA
Start Year	2019	Index At	3.00%
Start Age	40	Return Rates	
Number of Years	25	Interest Only	<input checked="" type="checkbox"/>
		Interest	6.00%
		Dividends	0.00%
		Capital Gains	0.00%
		Deferred Growth	0.00%

Analysis Results

In 25 years, you will have accumulated **\$69,129** in after-tax capital.

Quick Actions – Calculators – Non-Registered – Regular Investments – Regular Investments Calculator

Payout Duration calculator

The **Payout Duration** calculator calculates the length of time payouts from a non-registered investment will last.

Payout Duration Calculator



Details Reports

Use this calculator to show how long an investment can provide a specified amount of income.

Calculator Name
Payout Duration

Investment Information		Payout Period	
Initial Market Value	\$500,000	Start Year	2019
Interest Only	<input checked="" type="checkbox"/>	Start Age	65
Initial Adjusted Cost Base	\$500,000	Number of Years	25
Average Tax Rate	40.00%	Payout Options	

Return Rates		Annual Payout Amount	\$50,000
Interest	6.00%	Indexed At	3.00%
Capital Gains	0.00%	Frequency	Monthly
Dividends	0.00%	Time of Year	NA
Deferred Growth	0.00%	Calculator Options	

Expanded Table

Analysis Results

Your investment of \$500,000 can provide you with an indexed, after-tax income of \$50,000 for **10** years.

Quick Actions – Calculators – Non-Registered – Payout Duration – Payout Duration Calculator

Indexed Payout calculator

The **Indexed Payout** calculator calculates how much after-tax income the non-registered investment can provide over a specific period of time.

Indexed Payout Calculator



Details
Reports

Use this calculator to show how much income an investment can provide over a specified period of time.

Calculator Name
Indexed Payout

Investment Information		Payout Period	
Initial Market Value	\$500,000	Start Year	2019
Interest Only	<input checked="" type="checkbox"/>	Start Age	65
Initial Adjusted Cost Base	\$500,000	Number of Years	25
Average Tax Rate	40.00%	Payout Options	
Return Rates		Indexed At	3.00%
Interest	6.00%	Frequency	Monthly ▾
Capital Gains	0.00%	Time of Year	NA ▾
Dividends	0.00%	Calculator Options	
Deferred Growth	0.00%	Expanded Table	<input checked="" type="checkbox"/>

Analysis Results

Your investment of \$500,000 can provide an indexed, after-tax payout of **\$1,815** per month for 25 years.

Quick Actions – Calculators – Non-Registered – Indexed Payout – Indexed Payout Calculator

Registered calculators

Six types of registered asset calculators are available:

- [RRIF Payout](#)
- [LRIF Payout](#)
- [LIF Payout](#)
- [Life Annuity Payout](#)
- [Term Annuity Payout](#)
- [RRSP Savings](#)

This guide provides a general description of all the calculators.

RRIF Payout calculator

Use the **RRIF Payout** calculator to calculate the following:

- How much income the registered retirement income fund (RRIF) can provide over a specific period of time.
- The minimum annual withdrawal required for a specified RRIF.
- How long a RRIF can provide a specified income.

RRIF Payout Calculator



Details Reports

Use this calculator to determine the following:

- the minimum registered retirement income fund (RRIF) payout.
- the indexed income that can be generated during a specific number of years.
- the duration of the RRIF if a specific amount of money is withdrawn on a regular basis.

Calculator Name
[RRIF Payout Calculator](#)

RRIF Information

Initial Capital \$0

Return Rate 6.00%

Average Tax Rate 40.00%

Qualifying RRIF

Existing RRIF

Payout Period

Start Year 2019

Age (as of Jan 1 of Start Year) 65

Duration of Payout Number of Years 25
 Age 90

Payout Options

Withdrawal Type Minimum 0.00% Net (After Tax)

Indexed At 3.00%

Frequency Monthly

Time of Year NA

Elect Payout in First Year

Use Younger Partner's Age for Minimums (as of Jan 1 of Start Year) 65

Delay Minimums Until Age 71

Quick Actions – Calculators – Registered – RRIF Payout – RRIF Payout Calculator

LRIF Payout calculator

Use the **LRIF Payout** calculator to calculate the minimum and maximum annual withdrawal amounts required for a locked-in retirement income fund (LRIF). The **LRIF Payout** calculator calculates the appropriate amounts based on the information entered and current provincial legislation.

LRIF Payout Calculator



Details Reports

Use this calculator to explore distribution options from a locked-in retirement income fund (LRIF) on a regular basis for a specific period of time.

Calculator Name
[LRIF Payout Calculator](#)

LRIF Information		Payout Options	
Initial Capital	\$0	Withdrawal Type	Minimum
Return Rate	6.00%	\$ or %	0.00% <input type="checkbox"/> Net (After Tax)
Average Tax Rate	40.00%	Indexed At	3.00%
Existing LRIF	<input type="checkbox"/>	Frequency	Annual
Payout Period		Time of Year	Beginning of Year
Start Year	2019	Elect Payout in First Year	<input type="checkbox"/>
Age (as of Jan 1 of Start Year)	65	Use Younger Partner's Age for Minimums (as of Jan 1 of Start Year)	<input type="checkbox"/> 65
Duration of Payout	<input checked="" type="radio"/> Number of Years 25	Include Temporary Income Provisions	<input type="checkbox"/>
	<input type="radio"/> Age 90		
Life Annuity Information			
Convert to Annuity	<input type="checkbox"/>		
At Age	80		
Interest Rate	5.000%		
Amount per \$1000	\$51.46		

Quick Actions – Calculators – Registered – LRIF Payout – LRIF Payout Calculator

LIF Payout calculator

Use the **LIF Payout** calculator to calculate the minimum, maximum, and annual withdrawal required for a specified life income fund (LIF). The **LIF Payout** calculator calculates the appropriate amounts based on the information entered and current provincial legislation. LIFs are not available under Prince Edward Island legislation.

LIF Payout Calculator



Details

Reports

Use this calculator to explore distribution options from a life income fund (LIF) on a regular basis for a specific period of time.

Calculator Name
LIF Payout Calculator

<p>LIF Information</p> <p>Initial Capital \$0</p> <p>Return Rate 6.00%</p> <p>Average Tax Rate 40.00%</p> <p>CANSIM Rate 2.390%</p> <p>Reference Rate 6.000%</p> <p>Origin of Plan Quebec ▾</p> <p>Existing LIF <input type="checkbox"/></p>	<p>Payout Options</p> <p>Withdrawal Type Minimum ▾</p> <p>\$ or % 0.00% <input type="checkbox"/> Net (After Tax)</p> <p>Indexed At 3.00%</p> <p>Frequency Annual ▾</p> <p>Time of Year Beginning of Yr ▾</p> <p>Elect Payout in First Year <input type="checkbox"/></p> <p>Use Younger Partner's Age for Minimums (as of Jan 1 of Start Year) <input type="checkbox"/> 65</p> <p>Include Temporary Income Provisions <input type="checkbox"/> ?</p>
<p>Payout Period</p> <p>Start Year 2019</p> <p>Age (as of Jan 1 of Start Year) 65</p> <p>Duration of Payout</p> <p><input checked="" type="radio"/> Number of Years 25</p> <p><input type="radio"/> Age 90</p>	<p>Life Annuity Information</p> <p>Convert to Annuity <input type="checkbox"/></p>

Quick Actions – Calculators – Registered – LIF Payout – LIF Payout Calculator

Life Annuity Payout calculator

The **Life Annuity Payout** calculator shows the maximum, annual after-tax lifetime payout that a specified life annuity can support.

Life Annuity Payout Calculator



Details Reports

Use this calculator to find the maximum annual withdrawals that your annuity can support.

Calculator Name
Life Annuity Payout

Annuity Information		Payout Period	
Initial Capital	\$1,200,000	Start Year	2019
Interest	5.000%	Start Age	65
Average Tax Rate	40.00%	Payout Options	
Amount per \$1000	\$7.17	Frequency	Monthly
Gender	Male	Time of Year	NA

Analysis Results

Your annuity worth \$1,200,000 can provide a maximum lifetime payout of **\$61,906** (after tax) per year.

Quick Actions – Calculators – Registered – Life Annuity Payout – Life Annuity Payout Calculator

Term Annuity Payout calculator

The **Term Annuity Payout** calculator shows the annual after-tax payouts that an annuity can support for a specified time frame.

Term Annuity Payout Calculator



Details Reports

Use this calculator to find the maximum annual withdrawals that your annuity can support.

Calculator Name

Term Annuity Payout

Annuity Information

Initial Capital	\$1,200,000
Interest	5.000%
Average Tax Rate	40.00%
Amount per \$1000	\$5.64

Payout Period

Start Year	2019
Start Age	65
End Age	90

Payout Options

Frequency	Monthly
Time of Year	NA

Analysis Results

Quick Actions – Calculators – Registered – Term Annuity Payout – Term Annuity Payout Calculator

RRSP Savings calculator

The **RRSP Savings** calculator shows the effect regular contributions have on the growth of a registered retirement savings plan.

RRSP Savings Calculator



Details Reports

Use this calculator to show how much your RRSP will grow over a specified period of time.

Calculator Name
RRSP Savings

General Information		New Investments	
Initial Market Value	\$1,000	Amount	\$100
Marginal Tax Rate	40.00%	Frequency	Monthly
Start Year	2019	Time of Year	NA
Start Age	40	Index At	3.00%
Number of Years	20	Return Rate	6.00%

Analysis Results

In 20 years, your RRSP will have a market value of **\$61,037**.

Quick Actions – Calculators – Registered – RRSP Savings – RRSP Savings Calculator

The marginal tax rate is used in the calculation of the **Estimated Tax Deduction** which appears on the **Reports** tab.

Other calculators

Five types of other calculators are available:

- [RRSP vs. Mortgage](#)
- [Leverage vs. Savings](#)
- [Loan Comparison](#)
- [Mortgage Comparison](#)
- [TFSA Savings & Comparison](#)

This guide provides a general description of all the calculators.

RRSP vs. Mortgage calculator

Use the **RRSP vs. Mortgage** calculator to help you decide on the best use of your clients' available funds. The calculator compares the changes to net worth based on how available funds are used, and shows the corresponding annual payout your clients may receive from the underlying investments. Using this calculator, you can model any combination of the following scenarios:

- RRSP with resulting tax deduction directed to a savings plan.
- Mortgage; once paid off, all funds are directed to a savings plan.
- RRSP with resulting tax deduction directed to the mortgage.
- Mortgage; once paid off, all funds are directed to an RRSP.



RRSP vs. Mortgage Calculator

Details
Reports

Use this calculator to compare different investment strategies to see which will provide the greatest net worth and retirement payout.

Calculator Name
RRSP vs. Mortgage

Investment Information	Retirement Information																								
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Tax Rate on Savings</td><td style="border-bottom: 1px solid #ccc;">40.00%</td></tr> <tr><td>Interest Only</td><td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td></tr> <tr><td>Interest</td><td style="border-bottom: 1px solid #ccc;">6.00%</td></tr> <tr><td>Capital Gains</td><td style="border-bottom: 1px solid #ccc;">0.00%</td></tr> <tr><td>Dividends</td><td style="border-bottom: 1px solid #ccc;">0.00%</td></tr> <tr><td>Deferred Growth</td><td style="border-bottom: 1px solid #ccc;">0.00%</td></tr> <tr><td>Return Rate for RRSP</td><td style="border-bottom: 1px solid #ccc;">10.00%</td></tr> </table>	Tax Rate on Savings	40.00%	Interest Only	<input checked="" type="checkbox"/>	Interest	6.00%	Capital Gains	0.00%	Dividends	0.00%	Deferred Growth	0.00%	Return Rate for RRSP	10.00%	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Years until Retirement</td><td style="border-bottom: 1px solid #ccc;">30</td></tr> <tr><td>Number of Years</td><td style="border-bottom: 1px solid #ccc;">25</td></tr> <tr><td>Payout Indexed At</td><td style="border-bottom: 1px solid #ccc;">3.00%</td></tr> <tr><td>Payout Tax Rate</td><td style="border-bottom: 1px solid #ccc;">40.00%</td></tr> <tr><td>In Today's Dollars</td><td style="border-bottom: 1px solid #ccc;"><input type="checkbox"/></td></tr> </table>	Years until Retirement	30	Number of Years	25	Payout Indexed At	3.00%	Payout Tax Rate	40.00%	In Today's Dollars	<input type="checkbox"/>
Tax Rate on Savings	40.00%																								
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Payout Indexed At	3.00%																								
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Mortgage Information	Payment Information																								
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Mortgage Date</td><td style="border-bottom: 1px solid #ccc;">Jan 1 2019</td></tr> <tr><td>End of Amortization</td><td style="border-bottom: 1px solid #ccc;">Dec 31 2043</td></tr> <tr><td>Original Principal</td><td style="border-bottom: 1px solid #ccc;">\$120,000</td></tr> <tr><td>Annual Interest Rate</td><td style="border-bottom: 1px solid #ccc;">8.50%</td></tr> <tr><td>Compounded</td><td style="border-bottom: 1px solid #ccc;">Semi-Annual ▾</td></tr> <tr><td>Current Value of House</td><td style="border-bottom: 1px solid #ccc;">\$180,000</td></tr> <tr><td>House Value Indexed At</td><td style="border-bottom: 1px solid #ccc;">2.00%</td></tr> </table>	Mortgage Date	Jan 1 2019	End of Amortization	Dec 31 2043	Original Principal	\$120,000	Annual Interest Rate	8.50%	Compounded	Semi-Annual ▾	Current Value of House	\$180,000	House Value Indexed At	2.00%	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Type</td><td style="border-bottom: 1px solid #ccc;">Periodic ▾</td></tr> <tr><td>Frequency</td><td style="border-bottom: 1px solid #ccc;">Monthly ▾</td></tr> <tr><td>Amount</td><td style="border-bottom: 1px solid #ccc;">\$150</td></tr> </table>	Type	Periodic ▾	Frequency	Monthly ▾	Amount	\$150				
Mortgage Date	Jan 1 2019																								
End of Amortization	Dec 31 2043																								
Original Principal	\$120,000																								
Annual Interest Rate	8.50%																								
Compounded	Semi-Annual ▾																								
Current Value of House	\$180,000																								
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Amount	\$150																								
Payment Strategies																									
<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">RRSP w/ Savings</td><td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td></tr> <tr><td>Mortgage w/ Savings</td><td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td></tr> <tr><td>RRSP w/ Mortgage</td><td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td></tr> <tr><td>Mortgage w/ RRSP</td><td style="border-bottom: 1px solid #ccc;"><input checked="" type="checkbox"/></td></tr> </table>		RRSP w/ Savings	<input checked="" type="checkbox"/>	Mortgage w/ Savings	<input checked="" type="checkbox"/>	RRSP w/ Mortgage	<input checked="" type="checkbox"/>	Mortgage w/ RRSP	<input checked="" type="checkbox"/>																
RRSP w/ Savings	<input checked="" type="checkbox"/>																								
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RRSP w/ Mortgage	<input checked="" type="checkbox"/>																								
Mortgage w/ RRSP	<input checked="" type="checkbox"/>																								

Quick Actions – Calculators – Other – RRSP vs. Mortgage – RRSP vs. Mortgage Calculator

Leverage vs. Savings calculator

The **Leverage vs. Savings** calculator allows you to compare the effects of taking out a loan to purchase an investment, and then repaying the loan versus investing the same loan payments on a regular basis.

Leverage vs. Savings Calculator



Details

Reports

This calculator compares taking out a loan to purchase an investment and then paying off that loan, versus using the same loan payments to invest on a regular basis.

Calculator Name
Leverage vs. Savings

Liability Information	Investment Information
Loan Amount \$200,000	Marginal Tax Rate 40.00%
Interest Rate 8.00%	Return Rates
Compounded Monthly ▾	
Payment Method Interest Only ▾	Interest 6.00%
Number of Years 20	Dividends 0.00%
Payment Amount \$1,333	Capital Gains 0.00%
Percentage of Interest on Loan that is Tax Deductible 100.00%	Deferred Growth 0.00%

Please Note

- Proposals for leveraging should include an explanation of potential risk in the transaction and projections of potential negative outcomes.
- Interest on a loan obtained for investment purposes may not be fully deductible for tax purposes, if the funds were used to acquire an investment that does not earn income. Clients should consult their tax advisors if they require information on their own situation.

Analysis Results

In 20 years, you could earn **\$14,098** after tax from leverage, compared to **\$9,561** after tax from savings.

Quick Actions – Calculators – Other – Leverage vs. Savings – Leverage vs. Savings Calculator

Loan Comparison calculator

The **Loan Comparison** calculator allows you to compare various loan alternatives, such as payment frequency, compound frequency, interest rate, amortization period, or payment amount. You can compare up to three different scenarios. You can also include an amortization schedule for one of the three scenarios in the report.

Loan Comparison Calculator



Details Reports

Use this calculator to compare loan payment alternatives by payment frequency, compound frequency, interest rate, amortization period, or by payment amount.

Calculator Name
Loan Comparison

Loan Information

Start Date Jan 1 2019

Loan Amount \$100,000

Payment Type Principal and Interest

Loan Comparison

Field to Calculate	Payment Amount		
	Original	Alternative 1	<input checked="" type="checkbox"/> Alternative 2
Payment Frequency	Monthly	Monthly	Monthly
Compound Frequency	Semi-annual	Semi-annual	Semi-annual
Interest Rate	10.000%	10.000%	10.000%
Amortization (yrs/periods)	10.00 120	15.00 180	25.00 300
Payment Amount	\$1,310	\$1,062	\$894
Total Payments in Year	\$15,724	\$12,747	\$10,734
Total Remaining Interest	\$57,240	\$91,209	\$168,346

Include Amortization Schedule for None

Quick Actions – Calculators – Other – Loan Comparison – Loan Comparison Calculator

Select the **Field to Calculate** from the menu, the results are displayed in the corresponding fields below.

The loan alternative columns allow you to show your clients different loan parameters, such as how reducing their interest rate will allow them to pay the loan off more quickly.

Mortgage Comparison calculator

The **Mortgage Comparison** calculator allows you to compare various mortgage alternatives, such as interest rate, amortization, payment amount, or principal. You can compare up to three different scenarios. You can also include an amortization schedule for one of the three scenarios in the report.

Mortgage Comparison Calculator



Details Reports

Use this loan calculator to compare mortgage payment alternatives by payment frequency, interest rate, amortization period, or payment amount.

Calculator Name
[Mortgage Comparison](#)

Loan Information

Start Date Jan 1 2019
 Original Principal \$100,000

Mortgage Comparison

Field to Calculate	Payment Amount					
	Original		Alternative 1		<input checked="" type="checkbox"/> Alternative 2	
Payment Frequency	Monthly		Monthly		Monthly	
Mortgage Type	Fixed Rate		Fixed Rate		Fixed Rate	
Term (years)	5		5		5	
Interest Rate	10.000%		10.000%		10.000%	
Amortization (yrs/periods)	10.00	120	15.00	180	25.00	300
Accelerated to	10.00	120	15.00	180	25.00	300
Payment Amount	\$1,310		\$1,062		\$894	
Total Payments in Year	\$15,724		\$12,747		\$10,734	
Total Interest Cost for Amortization Period	\$57,240		\$91,209		\$168,346	

Quick Actions – Calculators – Other – Mortgage Comparison – Mortgage Comparison Calculator

Select the **Field to Calculate** from the menu, the results are displayed in the corresponding fields below.

The mortgage alternative columns allow you to show different mortgage parameters to your clients, such as how increasing their payment frequency can shorten their amortization.

TFSA Savings & Comparison calculator

The **TFSA Savings & Comparison** calculator allows you to model the growth of a tax-free savings account (TFSA) over a specified period of time, including the initial investment and systematic savings, and compare the growth of TFSA, RRSP, and/or non-registered investments using the same rates of return and contributions.

TFSA Savings & Comparison Calculator



Details

Reports

Use this calculator to compare the growth of a TFSA, RRSP, and/or non-registered investment using similar rates of return and contributions.

Calculator Name
TFSA Savings & Comparison

General Information	Investment Information	Return Rates
Start Year <input type="text" value="2019"/>	Lump Sum Contribution <input type="text" value="\$0"/>	Interest Only <input checked="" type="checkbox"/>
Start Age <input type="text" value="40"/>	Regular Contribution Amount <input type="text" value="\$0"/>	Interest <input type="text" value="6.00%"/>
Number of Years <input type="text" value="25"/>	Indexed At <input type="text" value="3.00%"/>	Dividends <input type="text" value="0.00%"/>
Retirement Age <input type="text" value="65"/>	Frequency <input type="text" value="Monthly"/>	Capital Gains <input type="text" value="0.00%"/>
Marginal Tax Rate	Time of Year <input type="text" value="NA"/>	Deferred Growth <input type="text" value="0.00%"/>
Pre-Retirement <input type="text" value="40.00%"/>	Reinvest RRSP tax deduction <input type="checkbox"/>	Total <input type="text" value="6.00%"/>
Retirement <input type="text" value="40.00%"/>		

Comparison Results

Asset Type	Total Investment Amount	Estimated After-Tax Total	Delete
TFSA	\$0	\$0	

Add Asset Type for Comparison ▼

Quick Actions – Calculators – Other – TFSA Savings & Comparison – TFSA Savings & Comparison Calculator

Index

A

accessing

 Help 7

Average Tax method 6

C

calculator types

 major purchase 23

 non-registered asset 30

 other 42

 registered asset 35

 retirement planning 19

calculators

 Capital Growth 31

 Cost of Living 14

 Critical Illness 29

 Education Savings 25

 Historical Returns 17

 Indexed Payout 34

 Inflation History 16

 Leverage vs. Savings 44

 LIF Payout 38

 Life Annuity Payout 39

 Life Insurance 26

 Loan Comparison 45

 LRIF Payout 37

 Major Purchase Available Savings 24

Major Purchase Required Savings 23
managing 11
Mortgage Comparison 46
opening 10
Payout Duration 33
Purchasing Power 15
Regular Investments 32
Retirement Available Savings 20
Retirement Required Savings 19
reviewing and printing results 12
RRIF Payout 36
RRSP Savings 41
RRSP vs. Mortgage 43
Term Annuity Payout 40
TFSA Savings & Comparison 47
Capital Growth calculator 31
conventions, user manual 5
Cost of Living calculator 14
Critical Illness calculator 29

D

Detailed Tax method 6

E

Education Savings calculator 25

G

Goals calculators

 Critical Illness 29

 Education Savings 25

 Life Insurance 26

Major Purchase Available Savings 24

Major Purchase Required Savings 23

Retirement Available Savings 20

Retirement Required Savings 19

H

Help, accessing 7

Historical Returns calculator 17

I

Indexed Payout calculator 34

Inflation calculators

Cost of Living 14

Historical Returns 17

Inflation History 16

Purchasing Power 15

Inflation History calculator 16

L

Leverage vs. Savings calculator 44

LIF Payout calculator 38

Life Annuity Payout calculator 39

Life Insurance calculator 26

Loan Comparison calculator 45

LRIF Payout calculator 37

M

Major purchase calculators 23

Major Purchase Available Savings 24

Major Purchase Required Savings 23

Mortgage Comparison calculator 46

N

Non-Registered calculators

- Capital Growth 31
- Indexed Payout 34
- Payout Duration 33
- Regular Investments 32

P

- Payout Duration calculator 33
- phone support 7
- Purchasing Power calculator 15

R

Registered calculators

- LIF Payout 38
 - Life Annuity Payout 39
 - LRIF Payout 37
 - RRIF Payout 36
 - RRSP Savings 41
 - Term Annuity Payout 40
- Regular Investments calculator 32
- resources
- phone support 7
 - training 7
- retirement planning calculators 19
- Retirement Available Savings 20
- Retirement Required Savings calculator 19
- RRIF Payout calculator 36
- RRSP Savings calculator 41
- RRSP vs. Mortgage calculator 43

T

Term Annuity Payout calculator 40

TFSA Savings & Comparison calculator 47

U

user manual

 conventions 5

 series 4