

This document describes how to use the new feature in QPP and QRP to tailor income streams.

In both QRP and QPP, a new page has been added that allows users to tailor investment and income draws by year. When you open this version of QPP, you will see a new tab at the bottom:

Page 1: Basic Input and Economic Projections

www.quantest.com

Note: Please see the end of this report for important disclaimers

Current Age	40	Assumed Inflation Rate (Annual)	3.00%	Annual Standard Deviation of Market Return (% of normal)	100.00%
Date of Retirement	2032	Annual Standard Deviation	0.00%		
Age at Retirement	65	Delta Return	-2.00%	Average Annual Return of Market	8.30%
Annual Contribution (Current Dollars)	\$15,000	Note: Delta Return is your estimate of the difference between annual return in the future and historical annual return from the S&P500			
Current Portfolio Value	\$250,000				
Inflate Contributions at inflation?	Yes				
Inflate Income Draw?	Yes				
Income in Retirement (Current Dollars)	\$75,000				

OR

Target Percentage Draw	0%
Minimum Draw (Current Dollars)	\$0

Note: if you want to use a constant income draw, set the percentage draw to zero

Correlations | **Savings-Income** | Portfolio Report

Step 1: Select the *Savings-Income* sheet (tab circled above).

Note: In QRP, this sheet is the QRPdata.xls

Microsoft Excel - Quantext Portfolio Planner v4.0.xls

File Edit View Insert Format Tools Data Window Help

Reply with Changes... End Review...

Arial 10 B I U \$ % +.0 .00 +.0

G1 fx

Year	Age	Baseline Investment / Draw	Delta	Final Investment / Draw	Notes
2008	41	\$15,000	\$0	\$15,000	15000
2009	42	\$15,450	\$0	\$15,450	15450
2010	43	\$15,914	\$0	\$15,914	15913.5
2011	44	\$16,391	\$0	\$16,391	16390.905
2012	45	\$16,883	\$0	\$16,883	16882.63215
2013	46	\$17,389	\$0	\$17,389	17389.11111
2014	47	\$17,911	\$0	\$17,911	17910.78445
2015	48	\$18,448	\$0	\$18,448	18448.10798
2016	49	\$19,002	\$0	\$19,002	19001.55122
2017	50	\$19,572	\$0	\$19,572	19571.59776
2018	51	\$20,159	\$0	\$20,159	20158.74569
2019	52	\$20,764	\$0	\$20,764	20763.50806
2020	53	\$21,386	\$0	\$21,386	21386.4133
2021	54	\$22,028	\$0	\$22,028	22028.0057
2022	55	\$22,689	\$0	\$22,689	22688.84587
2023	56	\$23,370	(\$23,370)	\$0	23369.51125
2024	57	\$24,071	(\$24,071)	\$0	24070.59659
2025	58	\$24,793	(\$24,793)	\$0	24792.71448
2026	59	\$25,536	(\$25,536)	\$0	25536.49592
2027	60	\$26,303	(\$26,303)	\$0	26302.5908
2028	61	\$27,092	(\$27,092)	\$0	27091.66852
2029	62	\$27,904	(\$27,904)	\$0	27904.41858
2030	63	\$28,742	(\$28,742)	\$0	28741.55113
2031	64	\$29,604	(\$29,604)	\$0	29603.79767
2032	65	\$30,492	(\$30,492)	\$0	30491.9116
2033	66	(\$161,744)	\$161,744	\$0	-161744.3451
2034	67	(\$166,597)	\$166,597	\$0	-166596.6754
2035	68	(\$171,595)	\$171,595	\$0	-171594.5757
2036	69	(\$176,742)	\$0	(\$176,742)	-176742.413
2037	70	(\$182,045)	\$0	(\$182,045)	-182044.6853

Correlations Savings-Income Portfolio Report

Draw AutoShapes

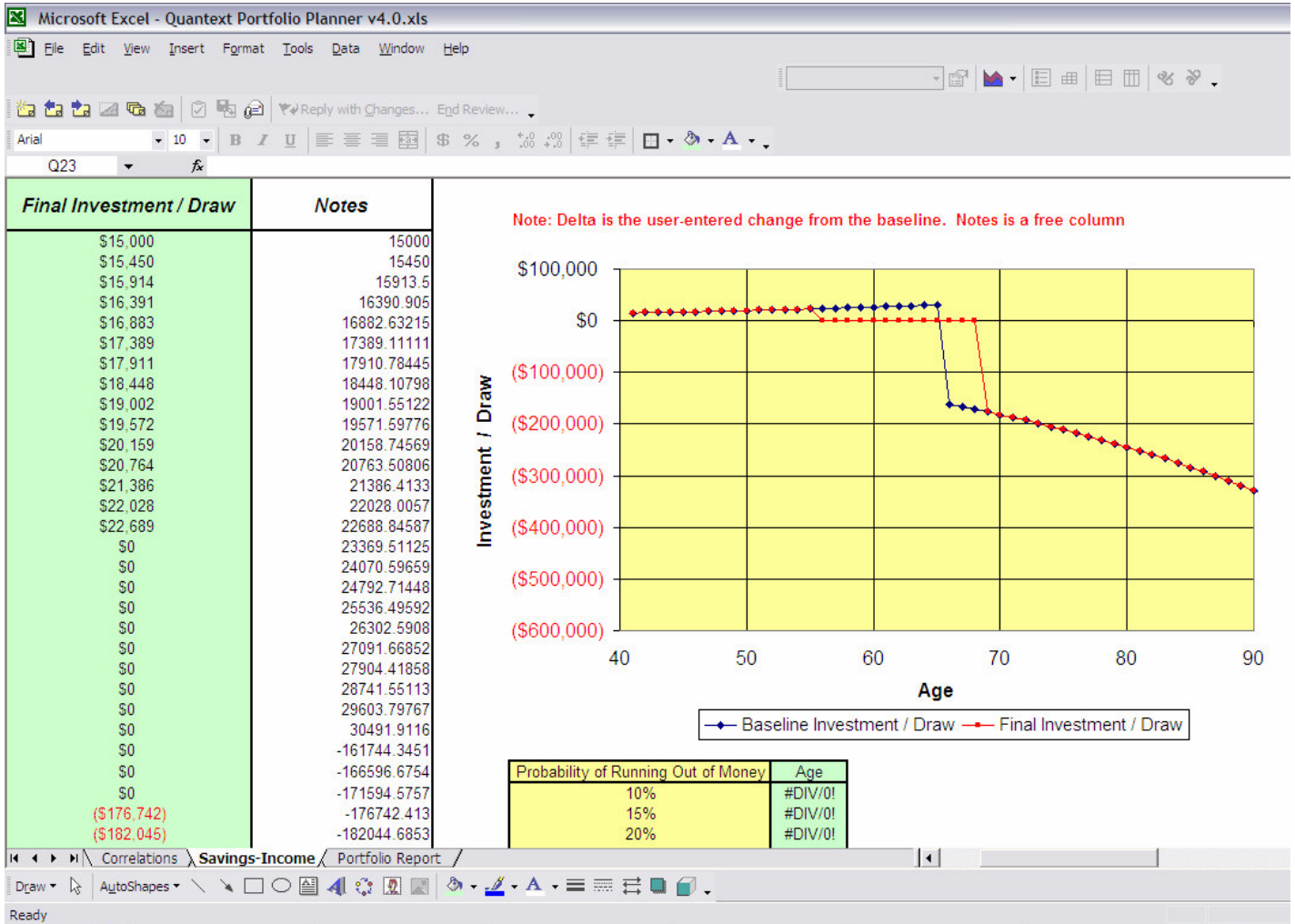
Ready

Step 2: This page shows the **Baseline Investment/Draw** rate by year used by QPP/QRP with your default savings and income levels from Page 1 of the Portfolio Report, adjusted with inflation.

The column labeled **Delta** is the change that you want to make and the **Final Investment/Draw** is what is used in QPP or QRP. If you zero out the baseline values on Page 1 of the Portfolio Report, you can simply enter your total values in the **Delta** column.

The **Notes** column allows you to store values or market comments

Step 3: The Final Investment / Draw is used automatically in the Monte Carlo and the chart showing your income 'glide path' is shown to the right of this table:



The probability of drawing down funds is shown as well—but these values are simply taken from the Monte Carlo output shown in the *Portfolio Report* sheet.