

NetWorthMap™ Screen Shots

This is the main screen where you input your personal information and see the results of 1000 market history-based simulations. The simulation result in red is the median of all 1000 projections of your net worth at death.

Note that each field label has “hover help” to guide you in entering correct information.

My Financial Inputs

Note: "Hover-help" is available by placing the mouse cursor over the field label.

Current age	62
Age at Death	93
Retire from full-time job at age	59
Receive company retirement benefits (if any) at age	59
Draw Social Security Retirement at age	70

Current MONTHLY Pre-Income tax, Non-Savings Expenses:

Miscellaneous expenses not included below	\$800.00
Out-of-pocket Medical + Health Insurance + Dental	\$900.00
Groceries	\$700.00
Dining Out	\$800.00
Auto Payment, Insurance, Maintenance	\$1,000.00
Gasoline, Travel, Vacations, etc.	\$500.00
TV, Internet, Movie rentals, etc.	\$300.00
Telephone	\$100.00
Cell Phone	\$300.00
Electricity	\$250.00
Natural Gas, Heating Oil, Water, Sewer, Garbage, etc.	\$150.00
Clothing and Personal Care	\$500.00
Household Furnishings, Maintenance, Taxes, and Insurance	\$1,000.00
Charity and Political contributions	\$750.00
Monthly House Payment (Principle + Interest, only)	\$1,972.00
Year AFTER Final House Mortgage Payment	2024
Living Exp Percent after Retirement	100.00%

Monthly Total
\$10,022.00

Annual Gross (pre-tax) income from primary job(s) only	\$0.00
Annual income from secondary job(s)	\$12,000.00
Typical Annual Percentage Wage Increase (while working)	0.00%
Typical Bonus Percentage of Annual Gross income	0.00%
Number of Holidays + Vacation Days per year	25
Annual incremental cost of retiree health insurance	\$0.00
Annual Pension income in first year of Retirement	\$71,084.00
Annual Social Security income at full benefits age	\$53,045.00

Traditional 401K + IRA Balance Pension tied to inflation?
 ROTH 401K + IRA Balance IRA Only (No 401K/403b)
 Real Estate and other non-liquid assets minus any loan balance <http://www.ssa.gov/planners/calculators.htm>
 Savings and Brokerage Balances less Consumer Debt
 Your Retirement Savings Percent of primary income + bonus
 Percent of Annual retirement contribution to ROTH
 Employer 401K Match (Percent of Salary)
 Percentage invested in fixed income (TIPS/GNMA)
 Average annual % that your stocks will beat the SP500 index
 Traditional 401K/IRA Annual Withdrawal Percentage

Net Worth Map Simulation Results Summary

Simulation Date and Time
7/3/2014 12:42:40 PM
This Plan's Grade: **A+**

Net Worth at Death Probability Distribution based on 1000 simulations:

The probability is 5%	that your Net Worth will be less than \$4,674,210 at death
The probability is 10%	that your Net Worth will be less than \$5,656,214 at death
The probability is 15%	that your Net Worth will be less than \$6,557,331 at death
The probability is 20%	that your Net Worth will be less than \$7,465,374 at death
The probability is 25%	that your Net Worth will be less than \$8,273,472 at death
The probability is 30%	that your Net Worth will be less than \$8,949,825 at death
The probability is 35%	that your Net Worth will be less than \$9,740,512 at death
The probability is 40%	that your Net Worth will be less than \$10,531,220 at death
The probability is 45%	that your Net Worth will be less than \$11,628,290 at death
The probability is 50%	that your Net Worth will be less than \$12,807,440 at death
The probability is 55%	that your Net Worth will be less than \$13,958,450 at death
The probability is 60%	that your Net Worth will be less than \$15,076,260 at death
The probability is 65%	that your Net Worth will be less than \$16,359,860 at death
The probability is 70%	that your Net Worth will be less than \$17,839,870 at death
The probability is 75%	that your Net Worth will be less than \$19,747,320 at death
The probability is 80%	that your Net Worth will be less than \$22,181,830 at death
The probability is 85%	that your Net Worth will be less than \$24,750,090 at death
The probability is 90%	that your Net Worth will be less than \$28,325,260 at death
The probability is 95%	that your Net Worth will be less than \$35,077,980 at death
The probability is 99.3%	that your Net Worth will be less than \$140,062,400 at death

The probability of running out of "Liquid" assets before death is 0.000% (before age 93)

Go!

Exit

Help

Print Simulation Results

Display MEDIAN simulation results in Excel

Display Graph of Net Worth by Age

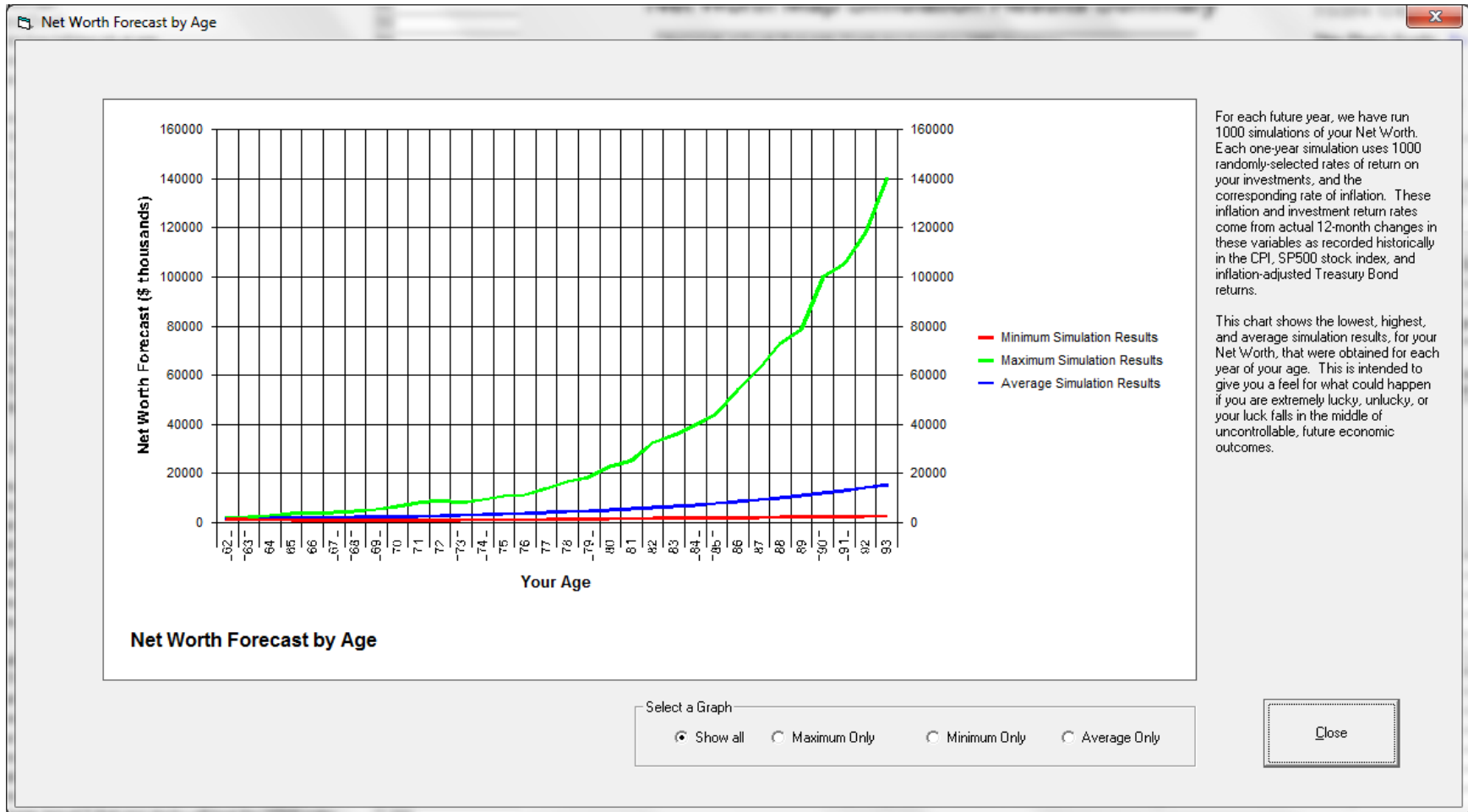
Save this scenario

Restore saved scenario

% Tax Rates	
Current AVERAGE Income Tax Rate	20.00%
MARGINAL Income Tax Rate	33.00%
Long-Term CAPITAL GAINS Tax Rate	20.00%

Dollar amount		Year
Real estate/Housing purchase w/ Retirement funds		
Real estate/Housing purchase w/ Retirement funds		
Real estate/Housing purchase w/ Retirement funds		
Real estate/Housing purchase w/ Retirement funds		
Real estate/Housing purchase w/ Retirement funds		
One-time Cash Infusion (Settlement, Severance, etc.)		
Sell owned real estate or other non-liquid assets		
Sell owned real estate or other non-liquid assets		
Repeating Income increase or decrease	\$6,000.00	2015
Repeating Income increase or decrease		
Repeating Expense increase or decrease	(\$9,192.00)	2017
Repeating Expense increase or decrease		
Randomize economic history between these years	1950	2014

Clicking the “Display Graph of Net Worth by Age” button will display the following chart. Please refer to the explanation on the right side of this page to help you interpret your results.



Clicking the “Display MEDIAN simulation results in Excel” button will show you detailed calculations by year for the median simulation result (in red). Note that you do not need to have Excel on your computer for NetWorthMap to function, but it is necessary to see these year-by-year details.

Yr	Age	GrossSalary	Bonus	SecondJob	TotalPay	Pension	SocSec	PreTaxExp	RetireeMedicalIns	RetirePlanAdd	ScheduledWithdrawal	RequiredWithdrawal	ROTHWithdrawal	RealEstatePurch	AfterTaxCashFlow	RealEstateBal	Reg401IRABal	ROTH401IRABal	TaxableSavingsBal	Net Worth
2014	62	0	0	12000	12000	71084	0	120264	0	0	124074	0	0	0	29332.78	444000	1254526	6512.649	51820.13	1756859
2015	63	0	0	18000	18000	71084	0	120264	0	0	151199.5	0	0	0	52306.88	448440	1528795	15234.04	111674.1	2104144
2016	64	0	0	18000	18000	71084	0	121246.4	0	0	166652.8	0	0	0	61678.22	457484.8	1685045	25030.56	185643.1	2353204
2017	65	0	0	18000	18000	71084	0	113968.7	0	0	172964	0	0	0	73184.38	471034.3	1748858	35255.71	272988.3	2528136
2018	66	0	0	18000	18000	71084	0	119784.4	0	0	152309	0	0	0	53529.83	506079.6	1540013	41255.91	319378.2	2406727
2019	67	0	0	18000	18000	71084	0	125216.6	0	0	146241.7	0	0	0	44032.5	539741.5	1478666	51073.63	369952	2439433
2020	68	0	0	18000	18000	71084	0	126936	0	0	182473.9	0	0	0	66588.73	554277.1	1845014	77701.29	538718.8	3015711
2021	69	0	0	18000	18000	71084	0	126936	0	0	226094.3	0	0	0	95814.43	559819.8	2286065	113468.8	782699.9	3742053
2022	70	0	0	18000	18000	71084	90538.16	133658.5	0	0	182443.3	0	0	0	132276.3	601859.8	1844705	108788	906805.6	3462158
2023	71	0	0	18000	18000	71084	92935.83	136571.4	0	0	50640.84	71325.13	0	0	90761.66	623817.1	1233212	88305.92	989180.4	2934515
2024	72	0	0	18000	18000	71084	97638.59	118620.8	0	0	46244.4	65132.95	0	0	105380.1	681621.8	1126149	97426.17	1088518	2973715
2025	73	0	0	18000	18000	71084	100448.3	122034.3	0	0	45998.23	73222.96	0	0	109067.7	687277.5	1199392	123088.8	1336883	3346643
2026	74	0	0	18000	18000	71084	103309.2	125510	0	0	40925.92	66009.55	0	0	100051.3	713724.6	1081236	131261.3	1427612	3353834
2027	75	0	0	18000	18000	71084	106127.4	128933.7	0	0	45912.71	86627.76	0	0	116037.5	740331.3	1340131	188358.6	1947538	4216359
2028	76	0	0	18000	18000	71084	117006.5	142150.8	0	0	37477.05	70711.42	0	0	95207.89	823626.3	1093906	179516.3	2032187	4129235
2029	77	0	0	18000	18000	71084	121974.7	148186.7	0	0	36052.25	81936.94	0	0	99713.07	866034.6	1193002	226148.8	2443522	4729507
2030	78	0	0	18000	18000	71084	125281.9	152204.6	0	0	37523.31	85280.26	0	0	101566.6	899006.3	1241681	269961.4	2814768	5225417
2031	79	0	0	18000	18000	71084	128036.2	155550.9	0	0	24097.08	68848.78	0	0	80419.17	927760.3	939785.9	236087	283633	4987266
2032	80	0	0	18000	18000	71084	134697	163642.9	0	0	24477.79	69936.53	0	0	78639.48	985302.9	954633.7	275690.8	3218325	5433952
2033	81	0	0	18000	18000	71084	154539.1	187749	0	0	18695.43	71905.49	0	0	67852.11	1140300	916076	304666.7	3412592	5773634
2034	82	0	0	18000	18000	71084	162251.2	197118.4	0	0	14655.4	56366.93	0	0	51534.73	1208608	718114.7	277091.7	3449484	5653299
2035	83	0	0	18000	18000	71084	165116.3	200599.1	0	0	12372.09	72777.05	0	0	59811	1242036	860952.4	379963.5	4370508	6853460
2036	84	0	0	18000	18000	71084	168746.2	205009.1	0	0	9364.023	55082.48	0	0	44434.18	1281762	651625.8	331251.9	4399713	6664352
2037	85	0	0	18000	18000	71084	172306.6	209334.7	0	0	4762.598	59532.46	0	0	42855.5	1321623	650094.5	378707.3	4766039	7116464
2038	86	0	0	18000	18000	71084	176568.6	214512.6	0	0	4312.172	53902.14	0	0	37013.11	1367530	588611.4	392737.4	4787118	7135997
2039	87	0	0	18000	18000	71084	179986.1	218664.5	0	0	0	57537.15	0	0	35141.51	1407674	575371.5	438536.3	5094229	7515811
2040	88	0	0	18000	18000	71084	181816.5	220888.2	0	0	0	62882.38	0	0	37963.41	1436066	628823.8	543612.1	5939789	8548290
2041	89	0	0	18000	18000	71084	198765.4	241479.4	0	0	0	78458.95	0	0	41367.64	1584297	706130.5	696207.3	7140292	1.01E+07
2042	90	0	0	18000	18000	71084	204355.7	248271	0	0	0	67882.2	0	0	31961.81	1644698	610939.8	687282.5	7154254	1.01E+07
2043	91	0	0	18000	18000	71084	205065.3	249133.1	0	0	0	90070.48	0	0	46533.56	1666856	720563.8	929930.8	9053566	1.24E+07
2044	92	0	0	18000	18000	71084	209425.9	254430.7	0	0	0	60160.36	0	0	24684.61	1718969	481282.8	716764.9	9060251	1.20E+07
2045	93	0	0	18000	18000	71084	219897.2	267152.3	0	0	0	65635.28	0	0	24008.29	1822107	459447	799994.5	9725886	1.28E+07

Pressing the “Help” button displays the following screen. Note that there is a link at the bottom of this page to an online investment primer that will help you get the most out of NetWorthMap™.

Background information

Background

There are elements of your financial life over which you have a relatively large amount of control (expenditures), some control (earnings), and little or no control (inflation, interest rates, and overall stock market returns). NetWorthMap lets you experiment with the elements that you can control, and then determines the odds that your financial plan will lead to your financial success both during your working years and in retirement. It does this by analyzing the actual year-over-year stock market returns and inflation rates that have occurred since 1950. NetWorthMap uses Monte Carlo simulation to randomize the historical sequence of good and bad years for financial markets, but all analysis is based upon the historical probability of different stock market returns and the corresponding inflation rate.

We urge you to take the time to enter realistic and accurate personal expenditure and investment balance information in order to avoid "garbage-in, garbage-out" results. In addition, we urge you to revisit NetWorthMap every six months at a minimum as several of your inputs may have changed, and some of these changes may be significant enough to cause important changes to the financial plan that NetWorthMap helps you create.

How it works:

NetWorthMap determines your after-tax (A.T.) cash flow for each future year based upon your current income and expenditure inputs. If your A.T. cash flow for the year is positive and if you have earned income, the positive A.T. cash flow is added to your ROTH accounts (up to the maximum allowed by law.) Any amount in excess of that added to your ROTH account(s) is assumed to be added to a taxable savings/brokerage account. If your A.T. cash flow is negative and you are not yet retired, funds are assumed to be withdrawn from your taxable savings/brokerage account. If A.T. cash flow is negative and you are retired, the order of withdrawal is: taxable savings/brokerage account, then traditional IRA/401K, and finally ROTH 401k/IRA. However, if you are over 70 years old, withdrawals come automatically, and first, from the traditional IRA/401K balance. If more withdrawals are needed to meet your A.T. cash requirements, ROTH withdrawals are always last, and occur only if you run out of money to withdraw from your taxable investment and savings accounts.

What do the results mean?

The "Simulation Results" table gives you a probability distribution of your Net Worth at death. Net Worth is defined as the total of what you are expected to have in ALL of your investment accounts and in tangible real estate. (Tangible Real Estate does not include REITs, which should appear in your investment accounts.)

We also calculate the probability that you will run out of the cash you need to meet day-to-day living expenses. Even though you might have a substantial Net Worth at death, some of the simulations we run might show that the balance in your investment accounts dips to zero at some point in the future because required savings withdrawals to meet your cash flow needs exceed your projected savings balance. Note that we disregard the value of your tangible Real Estate when making this calculation because it is difficult to sell small chunks of your Real Estate in order to meet day-to-day living expenses. If the probability that you will run out of cash is greater than 5.0%, you should modify your spending plan and possibly increase the fixed income portion of your investments.

NetWorthMap investing tutorial:
<http://www.flexaccounts2.com/NetWorthMap/Invest.pdf>

Close