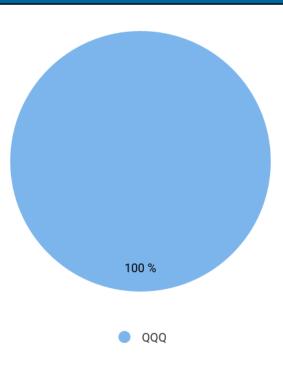
Report Parameters

Start Date	01/01/2000
End Date	12/10/2021
Initial Balance	\$1,200
External Cashflows	Contribute \$100 monthly
Rebalancing	No rebalancing
Reinvest Dividends	Yes

Portfolio 1

	Ticker	Name	Allocation
00	00	Invesco 000 Trust	100.00%



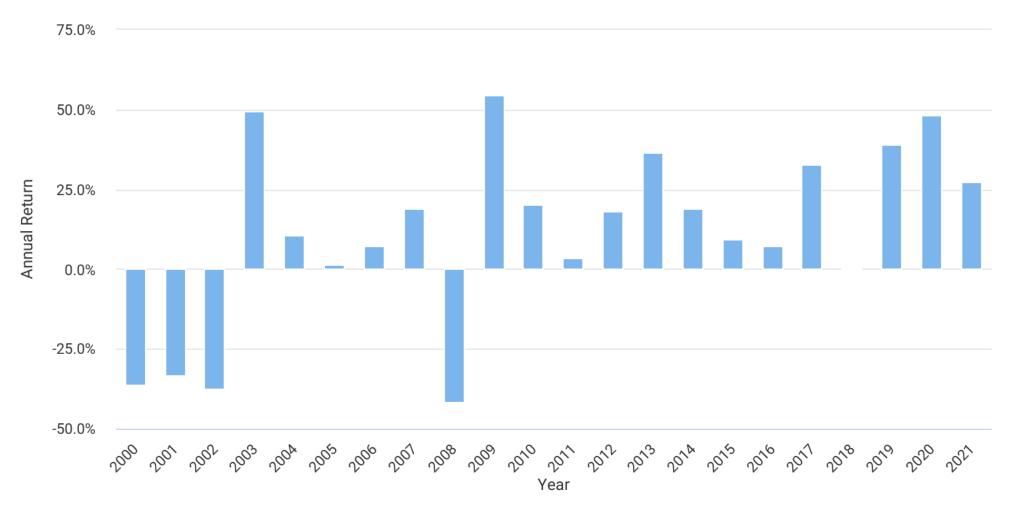
Portfolio Performance (01/01/2000 - 12/10/2021)

Metric	Portfolio 1
Start Balance	\$1,200
End Balance	\$208,863
End Balance (inflation adjusted)	\$127,090
Annualized Return (CAGR)	26.43%
Annualized Return (CAGR, inflation adjusted)	23.61%
Time-Weighted Rate of Return (TWRR)	7.61%
Money-Weighted Rate of Return (MWRR)	15.23%
Standard Deviation	23.26%
Best Year	54.68%
Worst Year	-41.73%
Max. Drawdown	-41.82%
Max. Drawdown (excluding cashflows)	-81.08%
Sharpe Ratio	0.37
Sortino Ratio	0.52
US Stock Market Correlation	0.86

Portfolio Growth







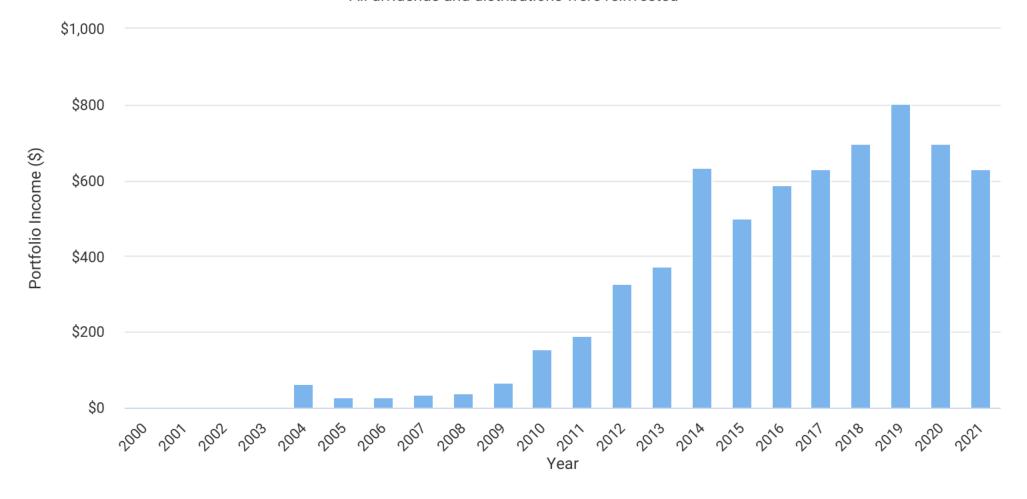
Trailing Returns

		Total Return			Annuali	Annualized Sta	ndard Deviation		
Name	3 Month	YTD	1 year	3 year	5 year	10 year	Full	3 year	5 year
Portfolio 1	1.11%	14.50%	29.53%	25.28%	25.65%	22.37%	7.18%	20.51%	17.05%

Trailing return and volatility are as of last full calendar quarter ending September 2021

Portfolio Income

All dividends and distributions were reinvested



Risk and Return Metrics (01/01/2000 - 12/10/2021)

Metric	Portfolio 1
Arithmetic Mean (monthly)	0.84%
Arithmetic Mean (annualized)	10.61%
Geometric Mean (monthly)	0.61%
Geometric Mean (annualized)	7.61%
Standard Deviation (monthly)	6.71%
Standard Deviation (annualized)	23.26%
Downside Deviation (monthly)	4.67%
Max. Drawdown	-81.08%
US Market Correlation	0.86
Beta (*)	1.29
Alpha (annualized)	-0.87%
R Squared	73.97%
Sharpe Ratio	0.37
Sortino Ratio	0.52
Treynor Ratio (%)	6.66
Calmar Ratio	2.94
Active Return	0.06%
Tracking Error	12.70%
Information Ratio	0.00
Skewness	-0.57
Excess Kurtosis	1.74
Historical Value-at-Risk (5%)	-11.99%
Analytical Value-at-Risk (5%)	-10.20%
Conditional Value-at-Risk (5%)	-15.62%
Upside Capture Ratio (%)	133.04
Downside Capture Ratio (%)	134.98
Positive Periods	156 out of 264 (59.09%)
Gain/Loss Ratio	0.97

^(*) US stock market is used as the benchmark for calculations. Value-at-risk metrics are based on monthly values.

Portfolio 1 Returns

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Inflation	Cashflow	Balance
2000	-1.85%	19.02%	2.58%	-13.47%	-12.27%	12.41%	-4.28%	13.63%	-12.67%	-7.94%	-22.91%	-7.32%	-36.11%	3.39%	\$1,200	\$1,587
2001	10.15%	-26.21%	-17.49%	17.88%	-3.08%	2.17%	-8.62%	-12.28%	-20.88%	16.98%	16.96%	-1.87%	-33.34%	1.55%	\$1,200	\$2,202
2002	-1.03%	-12.28%	6.75%	-12.01%	-5.33%	-13.12%	-8.62%	-1.51%	-11.79%	18.48%	12.91%	-12.09%	-37.37%	2.38%	\$1,200	\$2,444
2003	0.29%	2.95%	0.36%	8.71%	8.52%	0.54%	6.18%	5.00%	-2.91%	8.51%	0.57%	3.09%	49.67%	1.88%	\$1,200	\$5,118
2004	1.67%	-1.35%	-2.00%	-2.99%	5.12%	3.26%	-7.55%	-2.49%	3.29%	5.01%	6.02%	3.02%	10.54%	3.26%	\$1,200	\$6,982
2005	-6.31%	-0.48%	-1.75%	-4.35%	8.86%	-3.32%	7.61%	-1.52%	1.23%	-1.50%	6.10%	-1.77%	1.57%	3.42%	\$1,200	\$8,364
2006	3.93%	-2.14%	2.09%	-0.19%	-7.24%	-0.06%	-4.31%	4.77%	4.64%	4.75%	3.43%	-1.88%	7.14%	2.54%	\$1,200	\$10,233
2007	2.11%	-1.68%	0.52%	5.58%	3.15%	0.48%	-0.15%	2.82%	5.25%	7.04%	-6.76%	-0.07%	19.02%	4.08%	\$1,200	\$13,466
2008	-11.89%	-4.83%	1.87%	7.98%	5.93%	-9.61%	0.64%	1.45%	-15.58%	-15.47%	-11.46%	2.28%	-41.73%	0.09%	\$1,200	\$8,739
2009	-2.29%	-5.26%	10.32%	13.06%	3.21%	2.95%	8.44%	1.47%	5.65%	-3.05%	6.35%	5.20%	54.68%	2.72%	\$1,200	\$15,041
2010	-6.47%	4.60%	7.71%	2.24%	-7.39%	-5.98%	7.26%	-5.13%	13.17%	6.34%	-0.17%	4.76%	20.14%	1.50%	\$1,200	\$19,462
2011	2.83%	3.16%	-0.45%	2.87%	-1.22%	-2.02%	1.67%	-5.07%	-4.49%	10.40%	-2.69%	-0.62%	3.47%	2.96%	\$1,200	\$21,326
2012	8.42%	6.41%	5.05%	-1.17%	-7.04%	3.62%	1.00%	5.19%	0.89%	-5.28%	1.31%	-0.46%	18.12%	1.74%	\$1,200	\$26,398
2013	2.67%	0.34%	3.03%	2.54%	3.58%	-2.39%	6.31%	-0.40%	4.83%	4.96%	3.55%	2.92%	36.63%	1.50%	\$1,200	\$37,490
2014	-1.92%	5.15%	-2.73%	-0.32%	4.49%	3.12%	1.18%	5.01%	-0.76%	2.64%	4.55%	-2.24%	19.18%	0.76%	\$1,200	\$45,999
2015	-2.08%	7.22%	-2.36%	1.92%	2.25%	-2.48%	4.56%	-6.82%	-2.20%	11.37%	0.61%	-1.59%	9.45%	0.73%	\$1,200	\$51,595
2016	-6.91%	-1.57%	6.85%	-3.19%	4.37%	-2.27%	7.15%	1.05%	2.21%	-1.46%	0.44%	1.13%	7.10%	2.07%	\$1,200	\$56,541
2017	5.14%	4.38%	2.03%	2.73%	3.90%	-2.32%	4.06%	2.07%	-0.29%	4.61%	1.97%	0.60%	32.66%	2.11%	\$1,200	\$76,341
2018	8.76%	-1.29%	-4.08%	0.51%	5.67%	1.15%	2.80%	5.78%	-0.28%	-8.60%	-0.26%	-8.65%	-0.12%	1.91%	\$1,200	\$77,349
2019	9.01%	2.99%	3.92%	5.50%	-8.23%	7.59%	2.33%	-1.90%	0.92%	4.38%	4.07%	3.89%	38.96%	2.29%	\$1,200	\$108,856
2020	3.04%	-6.06%	-7.29%	14.97%	6.60%	6.28%	7.35%	10.94%	-5.78%	-3.04%	11.23%	4.90%	48.40%	1.36%	\$1,200	\$163,074
2021	0.26%	-0.13%	1.71%	5.91%	-1.20%	6.26%	2.86%	4.22%	-5.68%	7.86%	2.00%	1.06%	27.31%	6.19%	\$1,100	\$208,863

The cashflow column shows the total annual portfolio contributions (positive) and withdrawals (negative)

Portfolio Returns Based Style Analysis

Style Category	Portfolio 1
Large-cap Value	0.00%
Large-cap Growth	90.66%
Mid-cap Value	0.00%
Mid-cap Growth	5.78%
Small-cap Value	0.00%
Small-cap Growth	0.00%
Global ex-US Developed Markets	0.00%
Emerging Markets	3.55%
Corporate Bonds	0.00%
Long-Term Treasuries	0.00%
Intermediate-Term Treasuries	0.00%
Short-Term Treasuries	0.00%
R Squared	88.02%

Style analysis is based on monthly returns from April 2005 to November 2021 and uses total portfolio return with monthly rebalancing. Returns based style analysis aims to explain the portfolio returns based on asset class exposures, it does not identify the actual portfolio holdings.

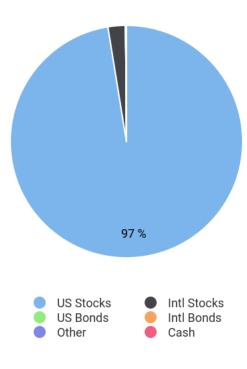
Holdings Based Style Analysis for Portfolio 1

					Expense	e Ratio	
Ticker	Name	Category	Weight	SEC Yield	Net	Gross	P/E
QQQ	Invesco QQQ Trust	Large Growth	100.00%	0.44%	0.20%	0.20%	32.10

III Portfolio Visualizer

Asset Allocation for Portfolio 1

	Category	Weight
US Stocks		97.45%
Intl Stocks		2.44%
US Bonds		0.00%
Intl Bonds		0.00%
Other		0.00%
Cash		0.11%



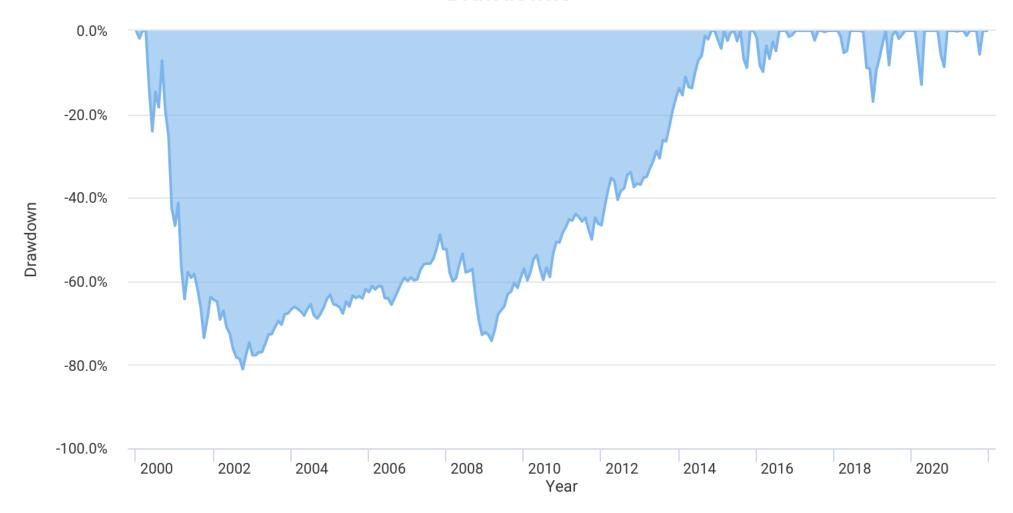
Equity Market Capitalization for Portfolio 1

Category	Weight
Large Cap	95.39%
Mid Cap	4.61%
Small Cap	0.00%

Stock Sectors for Portfolio 1

Catego	y Weight
Basic Materials	0.00%
Consumer Cyclical	17.78%
Financial Services	1.42%
Real Estate	0.00%
Consumer Defensive	4.60%
Healthcare	6.03%
Utilities	0.82%
Communication Services	17.41%
Energy	0.00%
Industrials	3.49%
Technology	48.45%





Drawdowns for Historical Market Stress Periods

Stress Period	Start	End	Portfolio 1
Dotcom Crash	Mar 2000	Oct 2002	-81.08%
Subprime Crisis	Nov 2007	Mar 2009	-49.74%
COVID-19 Start	Jan 2020	Mar 2020	-12.90%

Drawdowns for Portfolio 1 (worst 10)

Rank	Start	End	Length	Recovery By	Recovery Time	Underwater Period	Drawdown
1	Apr 2000	Sep 2002	2 years 6 months	Oct 2014	12 years 1 month	14 years 7 months	-81.08%
2	Sep 2018	Dec 2018	4 months	Apr 2019	4 months	8 months	-16.96%
3	Feb 2020	Mar 2020	2 months	Apr 2020	1 month	3 months	-12.90%
4	Dec 2015	Feb 2016	3 months	Jul 2016	5 months	8 months	-9.82%
5	Aug 2015	Sep 2015	2 months	Oct 2015	1 month	3 months	-8.88%
6	Sep 2020	Oct 2020	2 months	Nov 2020	1 month	3 months	-8.65%
7	May 2019	May 2019	1 month	Jul 2019	2 months	3 months	-8.23%
8	Sep 2021	Sep 2021	1 month	Oct 2021	1 month	2 months	-5.68%
9	Feb 2018	Mar 2018	2 months	May 2018	2 months	4 months	-5.32%
10	Dec 2014	Jan 2015	2 months	Feb 2015	1 month	3 months	-4.28%

Rolling Returns (01/01/2000 - 12/10/2021)

Roll Period	Average	High	Low
1 year	11.13%	68.41%	-67.35%
3 years	10.82%	33.82%	-38.68%
5 years	11.24%	28.34%	-19.54%
7 years	11.22%	22.78%	-12.13%
10 years	11.51%	22.67%	-8.06%
15 years	10.99%	17.44%	0.35%

Annualized Rolling Return (36 months)



Annualized Rolling Return (60 months)



Portfolio Visualizer Portfolio Report

Notes:

- Past performance is no guarantee of future results, which may vary. All use is subject to terms of service.
- · Investing involves risk, including possible loss of principal. The value of the investments and the income derived from them may fluctuate over time.
- · All portfolio returns presented are hypothetical and backtested. Hypothetical returns do not reflect trading costs, transaction fees, or taxes.
- The results are based on information from a variety of sources we consider reliable, but we do not represent that the information is accurate or complete.
- The results do not constitute investment advice or recommendation, are provided solely for informational purposes, and are not an offer to buy or sell any securities.
- · The results are based on the total return of assets and assume that all received dividends and distributions are reinvested.
- The month-to-date return for December 2021 includes daily returns from 12/01/2021 to 12/10/2021
- CAGR = Compound Annual Growth Rate
- TWRR = Annualized time weighted rate of return
- · MWRR = Annualized money weighted rate of return (internal rate of return) taking into account the periodic cashflows
- Stdev = Annualized standard deviation of monthly returns
- Sharpe and Sortino ratios are calculated and annualized from monthly excess returns over risk free rate (3-month treasury bill)
- Stock market correlation is based on the correlation of monthly returns
- · Drawdown analysis is calculated based on monthly returns excluding cashflows
- The results assume no rebalancing of portfolio assets per parameterization. See the allocation drift section for details
- Monthly contribution of \$100 was applied at the end of each period. This is reflected in the CAGR and maximum drawdown shown above.
- The monthly contribution was allocated based on each month's asset allocation (no rebalancing)
- The annual income is calculated from the difference between monthly total returns and split adjusted monthly price changes and thus includes both dividends and capital gains distributions.
- The annual yield as a percentage is based on the portfolio asset allocation and is not impacted by cashflows.
- Fund fundamentals data as of 12/10/2021. (c) 2021 Morningstar. All Rights Reserved. The fund fundamentals information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.