

Benchmark Returns

Benchmark	Returns as of 12/31/2018		Month End YTD as of 12/31/2018	Average Annual Total Returns as of 12/31/2018			
	1 Month	3 Month		1 Year	3 Year	5 Year	10 Year
Balanced Composite Index	-4.91%	-8.07%	-2.80%	-2.80%	6.44%	5.99%	9.65%
BloomBarc 1 Year Municipal Index	0.38%	0.78%	1.74%	1.74%	0.99%	0.83%	1.20%
BloomBarc 1-15 Year Municipal Index	1.11%	1.71%	1.58%	1.58%	1.96%	3.00%	3.90%
BloomBarc 1-5 Year Municipal Index	0.71%	1.20%	1.75%	1.75%	1.21%	1.38%	2.20%
BloomBarc CA Municipal Index	1.10%	1.45%	1.11%	1.11%	2.17%	3.95%	5.28%
BloomBarc GA Credit Index Hedged	1.20%	0.35%	-0.47%	-0.47%	3.49%	3.54%	5.29%
BloomBarc GA ex-USD FIAdjRIC Cp Hgd	1.17%	1.87%	3.16%	3.16%	3.54%	4.19%	—
BloomBarc MA Municipal Index	1.25%	1.88%	1.12%	1.12%	1.98%	3.51%	4.45%
BloomBarc Municipal Bond Index	1.20%	1.69%	1.28%	1.28%	2.30%	3.82%	4.85%
BloomBarc Municipal CA Intermed Idx	1.23%	1.77%	1.69%	1.69%	1.76%	2.96%	4.31%
BloomBarc NJ Municipal Index	1.35%	1.62%	2.14%	2.14%	3.62%	4.25%	5.06%
BloomBarc NY Municipal Index	1.19%	1.73%	1.04%	1.04%	2.15%	3.67%	4.69%
BloomBarc OH Municipal Index	1.29%	1.82%	1.31%	1.31%	2.25%	3.96%	5.08%
BloomBarc PA Municipal Index	1.39%	1.79%	1.46%	1.46%	2.54%	4.01%	4.88%
BloomBarc US 0-5 Year TIPS Index	0.19%	-0.22%	0.59%	0.59%	1.42%	0.62%	—
BloomBarc US 1-5 Year Credit Index	0.90%	0.93%	1.11%	1.11%	2.00%	1.80%	3.72%
BloomBarc US 1-5 Year Treasury Idx	1.13%	1.75%	1.51%	1.51%	1.07%	1.06%	1.33%
BloomBarc US 1-5 Yr Corporate Index	0.85%	0.76%	0.95%	0.95%	2.12%	1.94%	4.16%

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BloomBarc US 1-5 Yr Government Idx	1.12%	1.74%	1.53%	1.53%	1.08%	1.07%	1.39%
BloomBarc US 10+ Year Corp Index	2.42%	-1.80%	-7.24%	-7.24%	4.88%	4.96%	7.59%
BloomBarc US 5-10 Year Corp Index	1.30%	0.34%	-1.72%	-1.72%	3.10%	3.47%	6.58%
BloomBarc US 5-10 Year Credit Index	1.38%	0.49%	-1.55%	-1.55%	3.03%	3.41%	6.25%
BloomBarc US 5-10 Yr Treasury Index	2.38%	3.40%	1.22%	1.22%	1.52%	2.55%	2.76%
BloomBarc US Agg Float Adj Index	1.82%	1.58%	-0.08%	-0.08%	2.09%	2.50%	—
BloomBarc US GNMA Index	1.83%	1.95%	1.02%	1.02%	1.48%	2.35%	3.16%
BloomBarc US Long Treasury Index	5.47%	4.19%	-1.84%	-1.84%	2.58%	5.93%	4.09%



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BloomBarc US LongCredit A/Better Ix	2.98%	-0.40%	-6.32%	-6.32%	4.06%	5.31%	6.71%
BloomBarc US MBS Float Adj Index	1.74%	2.02%	0.99%	0.99%	1.66%	2.40%	—
BloomBarc US Treas Bellwether:1Yr	0.30%	0.71%	1.97%	1.97%	1.14%	0.78%	0.67%
BloomBarc US Trsy Inflat Prtcd Idx	0.55%	-0.42%	-1.26%	-1.26%	2.11%	1.69%	3.64%
BloomBarc USD EmergMkt GovRIC Caplx	1.50%	-0.21%	-2.60%	-2.60%	5.14%	4.43%	—
CA Tax-Exempt Money Mkt Funds Avg	—	—	—	—	—	—	—
Communication Services Spliced Idx	-8.21%	-14.44%	-16.55%	-16.55%	-1.23%	0.61%	6.82%
Conservative Growth Composite Index	-2.02%	-4.44%	-2.88%	-2.88%	4.62%	4.19%	6.82%
Consumer Discretionary Spliced Idx	-8.92%	-16.31%	-2.18%	-2.18%	8.66%	8.38%	18.26%
Convertibles Composite Index	-3.80%	-7.89%	-0.46%	-0.46%	6.33%	5.30%	11.41%

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CRSP US Total Market Index	-9.29%	-14.26%	-5.17%	-5.17%	9.00%	7.92%	—
Dividend Growth Spliced Index	-8.84%	-11.03%	-1.98%	-1.98%	10.29%	7.71%	12.45%
FTSE All-World ex US Index	-4.50%	-11.47%	-14.13%	-14.13%	4.58%	1.05%	6.99%
FTSE AW ex US High Div Yield Idx	-3.99%	-9.77%	-12.43%	-12.43%	5.18%	0.24%	6.83%
FTSE Emerging Index	-2.59%	-6.14%	-13.31%	-13.31%	9.03%	2.09%	8.25%
FTSE Global All Cap Index Hdg.	-7.34%	-12.66%	-7.31%	-7.31%	7.08%	6.28%	10.68%
FTSE Global Small-Cap ex US Index	-5.55%	-14.58%	-18.80%	-18.80%	3.17%	0.92%	9.18%
FTSE High Dividend Yield Index	-8.79%	-9.63%	-5.85%	-5.85%	8.66%	7.91%	12.34%
Global Wellesley Income Comp Index	-1.56%	-3.39%	-4.03%	-4.03%	—	—	—
Global Wellington Composite Index	-4.39%	-8.50%	-5.55%	-5.55%	—	—	—
Growth Composite Index	-5.60%	-10.30%	-6.78%	-6.78%	6.51%	5.18%	9.73%
High-Yield Corporate Composite Idx	-1.59%	-3.34%	-1.71%	-1.71%	5.92%	3.66%	9.50%
iMoneyNet MFR Treasury Funds Avg	—	—	—	—	—	—	—
Income Composite Index	-0.21%	-1.41%	-0.98%	-0.98%	3.60%	3.60%	5.31%
Information Technology Spliced Idx	-8.41%	-17.30%	2.61%	2.61%	17.03%	14.76%	18.58%
JP Morgan EMBI Global Diversified	1.35%	-1.26%	-4.26%	-4.26%	5.15%	4.80%	8.20%
Managed Payout Composite Index	-4.25%	-7.96%	-5.50%	-5.50%	5.43%	4.12%	7.70%
Moderate Growth Composite Index	-3.82%	-7.40%	-4.81%	-4.81%	5.59%	4.71%	8.37%



	1 Month	3 Month	12/31/2018	1 Year	3 Year	5 Year	10 Year
Money Market Funds Average	—	—	—	—	—	—	—
MSCI US Broad Market Index	-9.32%	-14.36%	-5.28%	-5.28%	8.96%	7.94%	13.28%
MSCI US Prime Market 750 Index	-9.07%	-13.75%	-4.61%	-4.61%	9.13%	8.36%	13.26%
MSCI US Small Cap 1750 Index	-11.55%	-19.53%	-10.99%	-10.99%	7.27%	4.67%	13.33%
NASDAQ Intl Dividend Achievers Sel Ix	-3.68%	-10.07%	-11.34%	-11.34%	4.69%	—	—
NASDAQ US Dividend Achievers Select	-8.84%	-11.03%	-1.98%	-1.98%	10.29%	7.71%	11.81%
NY Tax-Exempt Money Mkt Funds Avg	—	—	—	—	—	—	—
Real Estate Spliced Index	-7.96%	-6.44%	-5.88%	-5.88%	2.41%	7.50%	12.07%
Russell 1000 Growth Index	-8.60%	-15.89%	-1.51%	-1.51%	11.15%	10.40%	15.29%
Russell 1000 Index	-9.11%	-13.82%	-4.78%	-4.78%	9.09%	8.21%	13.28%
Russell 1000 Value Index	-9.60%	-11.72%	-8.27%	-8.27%	6.95%	5.95%	11.18%
Russell 2000 Growth Index	-11.68%	-21.65%	-9.31%	-9.31%	7.24%	5.13%	13.52%
Russell 2000 Index	—	—	—	—	—	—	—
Russell 2000 Value Index	-12.09%	-18.67%	-12.86%	-12.86%	7.37%	3.61%	10.40%
Russell 2500 Growth Index	-10.85%	-20.08%	-7.47%	-7.47%	8.11%	6.19%	14.76%
Russell 2500 Value Index	-11.05%	-17.12%	-12.36%	-12.36%	6.59%	4.16%	11.62%
Russell 3000 Growth Index	-8.83%	-16.33%	-2.12%	-2.12%	10.85%	9.99%	15.15%
Russell 3000 Index	-9.31%	-14.30%	-5.24%	-5.24%	8.97%	7.91%	13.18%

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Russell 3000 Value Index	-9.78%	-12.24%	-8.58%	-8.58%	7.01%	5.77%	11.12%
Russell Midcap Growth Index	-9.07%	-15.99%	-4.75%	-4.75%	8.59%	7.42%	15.12%
Russell Midcap Value Index	-10.50%	-14.95%	-12.29%	-12.29%	6.06%	5.44%	13.03%
S&P 500 Growth Index	-8.62%	-14.71%	-0.01%	-0.01%	10.85%	10.55%	14.81%
S&P 500 Index	-9.03%	-13.52%	-4.38%	-4.38%	9.26%	8.49%	13.12%
S&P 500 Value Index	-9.48%	-12.04%	-8.95%	-8.95%	7.23%	6.06%	11.21%
S&P Completion Index	-10.78%	-18.28%	-9.57%	-9.57%	7.39%	5.17%	13.54%
S&P EPAC SmallCap Index	-6.61%	-16.42%	-18.58%	-18.58%	3.27%	2.92%	9.73%
S&P Global ex U.S. Property Index	-1.82%	-4.21%	-9.94%	-9.94%	4.77%	2.96%	—
S&P MidCap 400 Growth Index	-11.28%	-17.63%	-10.34%	-10.34%	7.26%	6.25%	14.42%
S&P MidCap 400 Index	-11.32%	-17.28%	-11.08%	-11.08%	7.66%	6.03%	13.68%

S&P MidCap 400 Value Index	-11.36%	-16.89%	-11.88%	-11.88%	7.79%	5.56%	12.82%
S&P National AMT-Free Muni Bond Idx	1.17%	1.58%	1.01%	1.01%	2.13%	3.68%	4.62%
S&P SmallCap 600 Growth Index	-11.84%	-19.64%	-4.05%	-4.05%	10.39%	7.51%	14.86%
S&P SmallCap 600 Index	-12.07%	-20.10%	-8.48%	-8.48%	9.46%	6.34%	13.61%
S&P SmallCap 600 Value Index	-12.32%	-20.54%	-12.64%	-12.64%	8.56%	5.13%	12.37%
Spl BloomBarc US 5-10Yr G/Cr FltAdj	1.92%	2.04%	-0.07%	-0.07%	2.27%	2.98%	4.48%
Spl BloomBarc US Long Treasury Idx	5.47%	4.19%	-1.84%	-1.84%	2.62%	5.90%	—

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Spl BloomBarc US Treas 1-3 Yr Idx	0.81%	1.31%	1.56%	1.56%	0.96%	0.82%	—
Spl BloomBarc US Treas 3-10 Yr Idx	2.02%	2.93%	1.35%	1.35%	1.41%	2.04%	—
Spl BloomBarc US1-5YrGov/Cr FIAdjlx	1.04%	1.46%	1.38%	1.38%	1.40%	1.32%	2.09%
Spl BloomBarc USLongGv/Cr FltAdj lx	3.70%	0.78%	-4.68%	-4.68%	4.03%	5.37%	5.88%
Spl Total International Stock Index	-4.61%	-11.79%	-14.61%	-14.61%	4.44%	1.05%	6.64%
Spliced BloomBarc USAgg Flt Adjlx	1.82%	1.58%	-0.08%	-0.08%	2.09%	2.50%	3.49%
Spliced Developed ex US Index	-5.15%	-13.22%	-14.79%	-14.79%	3.25%	0.87%	6.49%
Spliced Emerging Markets Index	-2.63%	-6.42%	-14.76%	-14.76%	7.68%	1.35%	7.68%
Spliced Energy Index	-9.00%	-20.17%	-13.27%	-13.27%	5.73%	-4.47%	1.77%
Spliced Equity Income Index	-8.79%	-9.63%	-5.85%	-5.85%	8.66%	7.91%	12.34%
Spliced European Stock Index	-4.63%	-13.20%	-15.14%	-15.14%	2.31%	-0.26%	6.37%
Spliced Extended Market Index	-10.78%	-18.28%	-9.57%	-9.57%	7.39%	5.17%	13.54%
Spliced Global Capital Cycles Index	-4.35%	-10.89%	-22.74%	-22.74%	16.50%	-2.29%	1.82%
Spliced Global Equity Index	-7.04%	-12.75%	-9.42%	-9.42%	6.60%	4.26%	9.46%
Spliced Growth Index	-8.61%	-16.32%	-3.34%	-3.34%	9.47%	9.05%	14.59%
Spliced Health Care Index	-8.06%	-9.62%	1.71%	1.71%	4.42%	7.41%	12.13%
Spliced Inst Total Stock Market Idx	-9.29%	-14.26%	-5.17%	-5.17%	9.00%	7.92%	13.27%
Spliced International Index	-4.53%	-11.46%	-14.20%	-14.20%	4.48%	0.68%	5.53%

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Spliced Large Cap Index	-8.99%	-13.52%	-4.44%	-4.44%	9.24%	8.38%	13.26%
Spliced Market Neutral Index USD	—	—	—	—	—	—	—

Spliced Mega Cap Growth Index	-8.51%	-16.48%	-2.85%	-2.85%	10.25%	9.61%	14.71%
Spliced Mega Cap Index	-8.81%	-13.12%	-3.43%	-3.43%	9.82%	8.81%	13.13%
Spliced Mega Cap Value Index	-9.07%	-10.13%	-4.04%	-4.04%	9.37%	8.12%	11.63%
Spliced Mid Cap Growth Idx	-9.10%	-15.82%	-5.57%	-5.57%	7.13%	6.70%	14.21%
Spliced Mid Cap Index	-9.88%	-15.46%	-9.22%	-9.22%	6.40%	6.24%	13.91%
Spliced Mid Cap Value Index	-10.68%	-15.06%	-12.42%	-12.42%	5.75%	5.79%	13.52%
Spliced NJ Tax-Ex Money Mkt Fds Avg	—	—	—	—	—	—	—
Spliced PA Tax-Ex Money Mkt Fds Avg	—	—	—	—	—	—	—
Spliced Pacific Stock Index	-5.16%	-12.82%	-13.93%	-13.93%	4.98%	2.76%	6.79%
Spliced Small and Mid Cap Index	-10.56%	-17.35%	-9.30%	-9.30%	7.45%	6.05%	13.96%
Spliced Small Cap Growth Index	-10.68%	-19.30%	-5.68%	-5.68%	8.35%	5.19%	14.33%
Spliced Small Cap Index	-11.09%	-18.33%	-9.33%	-9.33%	7.62%	5.24%	13.53%
Spliced Small Cap Value Index	-11.45%	-17.51%	-12.27%	-12.27%	6.99%	5.26%	12.61%
Spliced Social Index	-8.86%	-13.11%	-3.32%	-3.32%	9.90%	9.33%	14.61%
Spliced Total Stock Market Index	-9.29%	-14.26%	-5.17%	-5.17%	9.00%	7.92%	13.26%
Spliced Total World Stock Index	-7.18%	-13.11%	-9.74%	-9.74%	6.86%	4.57%	9.85%

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Spliced US IMI Consumer Stapl 25/50	-8.99%	-5.66%	-7.65%	-7.65%	3.21%	6.22%	11.25%
Spliced US IMI Energy 25/50	-13.43%	-25.99%	-19.80%	-19.80%	0.49%	-6.80%	3.17%
Spliced US IMI Financials 25/50	-11.45%	-13.82%	-13.39%	-13.39%	9.12%	8.10%	10.84%
Spliced US IMI Health Care 25/50	-9.21%	-10.66%	5.62%	5.62%	8.04%	11.15%	15.28%
Spliced US IMI Industrials 25/50	-11.01%	-18.03%	-13.85%	-13.85%	8.06%	5.75%	12.91%
Spliced US IMI Materials 25/50	-7.89%	-14.98%	-17.32%	-17.32%	7.49%	3.44%	11.55%
Spliced US IMI Utilities 25/50	-4.10%	0.81%	4.54%	4.54%	11.45%	10.86%	10.87%
Spliced Value Index	-9.34%	-10.91%	-5.40%	-5.40%	9.02%	7.80%	11.96%
STAR Composite Index	-4.38%	-8.01%	-4.58%	-4.58%	5.78%	4.72%	8.60%
Target Retirement 2015 Composite Ix	-2.20%	-4.66%	-2.88%	-2.88%	4.87%	4.21%	7.95%
Target Retirement 2020 Composite Ix	-3.27%	-6.47%	-4.13%	-4.13%	5.48%	4.65%	8.75%
Target Retirement 2025 Composite Ix	-4.02%	-7.73%	-5.01%	-5.01%	5.89%	4.87%	9.29%
Target Retirement 2030 Composite Ix	-4.69%	-8.82%	-5.74%	-5.74%	6.24%	5.04%	9.81%
Target Retirement 2035 Composite Ix	-5.35%	-9.91%	-6.48%	-6.48%	6.58%	5.21%	10.29%



Target Retirement 2040 Composite Ix	-6.02%	-10.98%	-7.23%	-7.23%	6.91%	5.36%	10.53%
Target Retirement 2045 Composite Ix	-6.48%	-11.73%	-7.77%	-7.77%	6.95%	5.39%	10.54%
Target Retirement 2050 Composite Ix	-6.48%	-11.73%	-7.77%	-7.77%	6.95%	5.39%	10.54%
Target Retirement 2055 Composite Ix	-6.48%	-11.73%	-7.77%	-7.77%	6.95%	5.39%	—

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Target Retirement 2060 Composite Ix	-6.48%	-11.73%	-7.77%	-7.77%	6.95%	5.39%	—
Target Retirement 2065 Composite Ix	-6.48%	-11.73%	-7.77%	-7.77%	—	—	—
Target Retirement Income Compos. Ix	-1.35%	-3.24%	-1.98%	-1.98%	3.92%	3.51%	6.05%
Tax-Exempt Money Mkt Funds Average	—	—	—	—	—	—	—
Tax-Managed Balanced Compos. Index	-4.05%	-6.20%	-1.29%	-1.29%	5.70%	5.82%	8.89%
US Gov't Money Market Funds Average	—	—	—	—	—	—	—
Wellesley Income Composite Index	—	—	—	—	—	—	—
Wellington Composite Index	-5.27%	-8.59%	-3.09%	-3.09%	7.00%	6.70%	10.34%

Index performance is provided as a benchmark. It is not illustrative of any particular investment. An investment cannot be made in an index.