Town of Branford OPEB Trust



SA FOCUS FINANCIAL PARTNER

3Q22 Performance Review

History of U.S. Bear & Bull Markets Since 1942

This chart shows daily historical performance of the S&P 500 Index throughout the U.S. Bull and Bear Markets since 1942. We believe looking at the history of the market's expansions and recessions helps to gain a fresh BULL perspective on the benefits of investing for the long-term. From the lowest close reached after the market has fallen 20% or more. its previous high close, through the lowest close The average Bull Market period lasted 4.4 years with an average cumulative total return of 155.7%. to the next market high. reached after it has fallen 20% or more. The average Bear Market period lasted 11.1 months with an average cumulative loss of -31.7%. Duration % Total Return % Annualized* 11.0 Yrs S&P 500 Index Total Return (Logarithmic Scale) 12.3 Yrs 400.5% 582.1% 15.8% 16.9% 5.0 Yrs 1.8 Yrs 7.1 Yrs 4.1 Yrs 228.8% 6.2 Yrs 5.0 Yrs 114.4% 1.5 Mos 267.1% 3.6 Yrs 2.6 Yrs 4.1 Yrs 157.7% 26.7% 101.5% 125.6% 53.5% 79.8% 2.1 Yrs 20.0% 24.2% 73.5% 86.4% 26.1% 1.1 Yrs 14.1% 15.0% 48.0% 17.6% 16.2% 23.3% 23.9% 3.4 Mos 22.1% 21.4% 11.9 Mos 1.7 Yrs 8.8 Mos 1.2 Yrs 7.9 Mos 2.0 Mos 3.3 Mos 1.5 Yrs 9.0 Mos -21.6% 1.5 Yrs -27.6% -33.9% -33.5% -36.8% -33.8% -18.1% -36.1% 1.7 Yrs 1.1 Yrs -26.5% -26.1% -48.2%

Source: First Trust Advisors L.P., Bloomberg. Daily returns from 4/29/1942 - 9/30/2022. *No annualized return shown if the duration is less than one year. Past performance is no guarantee of future results. These results are based on daily returns—returns using different periods would produce different results. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index. Index returns do not reflect any fees, expenses, or sales charges. This chart is for illustrative purposes only and not indicative of any actual investment. These returns were the result of certain market factors and events which may not be repeated in the future. The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, First Trust is not undertaking to give advice in any fiduciary capacity within the meaning of ERISA, the Internal Revenue Code or any other regulatory framework. Financial professionals are responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

1982

1987

1992

1997

2002

2007

1972

1967

1977

1942

1947

1952

1957

1962



2017

2022

2012

CONTENTS

- 1 Capital Markets Review
- 14 Performance Summary
- 15 Composite Performance
- 17 Fund Level Attribution Analysis
- 20 Total Plan Information
- 21 Asset Allocation vs. Target Policy
- 22 Asset Allocation History
- 23 Total Plan Investment Analysis
- 25 Equity, Fixed Income and High Yield Positions
- 30 Historical Policy
- 33 Definitions & Disclosures

Performance Summary

					Index Pe	erformance	as of: 9/30/2022						
	3 Month	<u>YTD</u>	1 Year	3 Year	<u>5 Year</u>	<u> 10 Year</u>		3 Month	<u>YTD</u>	1 Year	3 Year	<u>5 Year</u>	<u> 10 Year</u>
Russell							Other U.S. Equity						
3000 Value	-5.56	-17.97	-11.79	4.37	5.11	9.08	Dow Jones Industrial Avg.	-6.17	-19.72	-13.40	4.36	7.42	10.45
3000	-4.46	-24.62	-17.63	7.70	8.62	11.39	Wilshire 5000 (Full Cap)	-4.20	-25.18	-18.87	7.41	8.35	11.18
3000 Growth	-3.37	-30.57	-23.01	10.16	11.57	13.36							
1000 Value	-5.62	-17.75	-11.36	4.36	5.29	9.17	International Equity - Broad N	/larket					
1000	-4.61	-24.59	-17.22	7.95	9.00	11.60	MSCI EAFE	-9.36	-27.09	-25.13	-1.83	-0.84	3.67
1000 Growth	-3.60	-30.66	-22.59	10.67	12.17	13.70	MSCI EM	-11.57	-27.16	-28.11	-2.07	-1.81	1.05
Mid Cap Value	-4.93	-20.36	-13.56	4.50	4.76	9.44	MSCI Frontier Markets	-6.47	-25.72	-25.20	-1.29	-1.24	3.63
Mid Cap	-3.44	-24.27	-19.39	5.19	6.48	10.30	MSCI ACWI	-6.82	-25.63	-20.66	3.75	4.44	7.28
Mid Cap Growth	-0.65	-31.45	-29.50	4.26	7.62	10.85	MSCI ACWI Ex USA	-9.91	-26.50	-25.17	-1.52	-0.81	3.01
2000 Value	-4.61	-21.12	-17.69	4.72	2.87	7.94	MSCI AC Asia Ex Japan	-13.83	-27.86	-28.75	-1.33	-1.21	3.03
2000	-2.19	-25.10	-23.50	4.29	3.55	8.55							
2000 Growth	0.24	-29.28	-29.27	2.94	3.60	8.81	International Equity - Country	/					
							MSCI Brazil	8.54	11.53	4.32	-5.20	-1.68	-1.65
Standard & Poors							MSCI BRIC	-12.70	-27.56	-31.19	-5.07	-3.03	1.01
S&P 500	-4.88	-23.87	-15.47	8.16	9.24	11.70	MSCI China	-22.50	-31.23	-35.40	-7.18	-5.56	2.37
Consumer Disc	4.36	-29.89	-20.89	6.70	10.51	13.19	MSCI Europe	-10.15	-28.83	-24.80	-1.72	-1.24	3.45
Consumer Staples	-6.62	-11.83	-0.09	6.24	7.60	9.51	MSCI India	6.50	-9.74	-9.94	11.51	7.98	7.27
Energy	2.35	34.94	45.70	13.44	6.09	3.52	MSCI Japan	-7.67	-26.38	-29.30	-2.65	-0.63	4.84
Financials	-3.10	-21.25	-17.65	4.92	5.47	11.38	MSCI EM Latin America	3.61	3.02	0.24	-3.39	-2.64	-2.28
Health Care	-5.18	-13.08	-3.37	12.46	10.18	13.68	MSCI Russia	0.00	-100.00	-100.00	-98.91	-92.90	-73.67
Industrials	-4.72	-20.72	-13.87	4.02	4.87	10.39							
Information Technology	-6.21	-31.44	-20.00	14.93	16.74	17.09							
Materials	-7.13	-23.74	-12.15	7.62	5.89	8.56							
Real Estate	-11.03	-28.85	-16.37	0.40	5.79	7.76							
Telecom Services	-12.72	-39.04	-39.05	-0.05	1.95	3.76							
Utilities	-5.99	-6.51	5.58	3.66	7.82	9.85							

Source: Morningstar



Performance Summary

					Index Pe	erformance a	as of: 9/30/2022						
	3 Month	<u>YTD</u>	1 Year	3 Year	<u>5 Year</u>	<u> 10 Year</u>		3 Month	YTD	1 Year	3 Year	<u>5 Year</u>	<u>10 Year</u>
Fixed Income							Fixed Income-Tax Exempt						
Bloomberg U.S. Aggregate	-4.75	-14.61	-14.60	-3.26	-0.27	0.89	Bloomberg Municipal	-3.46	-12.13	-11.50	-1.85	0.59	1.79
Bloomberg US Aggregate 1-3 Yr	-1.50	-4.58	-5.11	-0.52	0.64	0.78	Bloomberg Municipal 3 Yr	-1.98	-5.37	-5.46	-0.44	0.48	0.85
Bloomberg US Aggregate 3-5 Yr	-3.30	-9.36	-10.08	-1.83	0.17	0.93	Bloomberg Municipal 5 Yr	-2.71	-8.06	-8.03	-0.94	0.48	1.20
Bloomberg US Aggregate 5-7 Yr	-4.68	-12.59	-13.08	-2.52	-0.06	0.91	Bloomberg Municipal 7 Yr	-2.66	-9.30	-9.11	-1.15	0.71	1.63
BofAML 3-Month T-Bill	0.46	0.61	0.62	0.59	1.15	0.68	Bloomberg HY Muni	-4.83	-16.03	-15.05	-1.43	2.31	3.51
Bloomberg U.S. Gov't	-4.30	-12.95	-12.81	-3.05	-0.20	0.53							
Bloomberg U.S. Credit	-4.95	-18.07	-17.89	-3.61	-0.05	1.58	Alternative Investments						
Bloomberg High Yield Corp.	-0.65	-14.74	-14.14	-0.45	1.57	3.94	Alerian MLP	8.05	18.90	19.56	4.46	1.90	0.66
Bloomberg TIPS	-5.14	-13.61	-11.57	0.79	1.95	0.98	Bloomberg Commodity	-4.11	13.57	11.80	13.45	6.96	-2.14
Bloomberg Global Aggregate	-8.85	-23.88	-24.77	-7.78	-4.03	-2.39	FTSE NAREIT Equity REIT	-9.94	-28.13	-16.41	-2.05	2.93	6.26
Bloomberg Gbl Agg Ex USD	-6.94	-19.89	-20.43	-5.74	-2.32	-0.93	S&P Global Natural Res.	-4.58	-5.89	1.00	9.13	5.71	3.38
JPM EMBI Global Div	-4.20	-22.24	-22.23	-6.10	-2.31	0.95	S&P N. Amer Natural Res.	-2.15	13.37	22.59	11.36	4.80	2.00

Source: Morningstar



Market review & outlook

Another Difficult Quarter for Stocks and Bonds



- Global markets continued their downtrend in the third quarter. Fed Chair Powell's speech at Jackson Hole in August dashed hopes that the Fed would consider pausing its tightening cycle. After recovering in July, both equity and bond markets broke through June lows.
- As a result of hawkish Fed guidance, bond markets ratcheted up expectations for this cycle's terminal interest rate from 3.25% at the end of July to 4.5%, which rippled through the yield curve. The 10-year Treasury yield briefly reached 4% in late-September, ending the month at 3.8%.
- The Bloomberg Aggregate Bond Index fell a further 5% in Q3, leaving it down 15% this year. The MSCI ACWI index fell 7% for the quarter and 25% this year. The simultaneous drawdown in both stocks and bonds has left a traditional 60/40 portfolio down 21% year-to-date.

Outlook Remains Uncertain



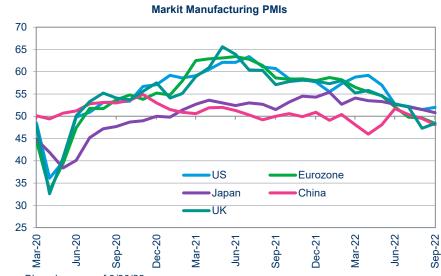
- The drawdown in stocks and bonds this year appears to be a reasonable response to the shift in Fed policy to combat inflation and the resulting uncertainty for economic growth. The decline in equities can be explained by the rise in interest rates putting downward pressure on valuations. The outlook for inflation and its impact on Fed policy likely will remain the key driver of the markets' direction.
- Encouragingly, inflationary pressures appear to be easing. The decline in energy prices in the US from their
 peaks should lead the headline inflation rate lower in the coming months. The gradual easing of supply side
 constraints and weaker demand could also slow core inflation. Easing inflation could mean that Fed
 hawkishness is near the peak.
- US economic activity has been nearly flat in 2022 and the tightening of financial conditions is only just beginning to be felt. The drag likely will intensify into 2023, increasing the risk of at least a mild recession. The good news is that household balance sheets remain strong, which should cushion household spending and prevent a deep downturn.
- A mild recession that reduces inflation could prove supportive of both stock and bond markets. The prospect
 of the Fed halting rate increases and a fall in longer-term interest rates could more than offset the negative
 impact of weak earnings for equities in a mild recession. The biggest downside risk we see for balanced
 portfolios is if inflation remains sticky even as the economy slows. This could require a more forceful Fed
 response and a deeper recession. This likely would result in continued weakness in stocks and bonds.



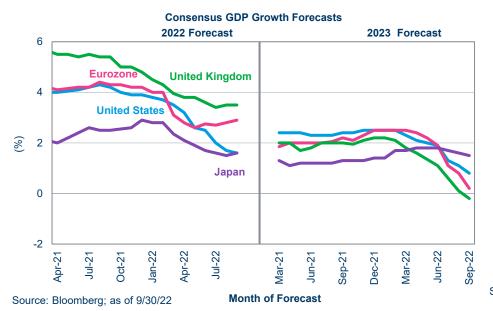
Economic fundamentals

Growth outlook deteriorating amid rising rates

- The growth outlook continues to weaken as persistent inflation drives most central banks to maintain their hawkish stances. Consensus growth forecasts continue to move lower, particularly for 2023.
- Manufacturing PMIs barely remain in expansionary territory for the US and Japan, with most other regions having fallen to contractionary levels during Q3.
- The US labor market continues to show signs of resiliency. The US unemployment rate (U-3)¹ is currently 3.5%, matching its lowest level of the year. The labor force participation rate remains roughly one percentage point below its pre-COVID level.



Source: Bloomberg; as of 9/30/22



US Employment Statistics 16% 68% 67% 14% 12% 66% 10% 65% 8% 64% 6% 63% 4% 62% U-3 US Unemployment Rate (Left Scale, Seasonally Adj.) 2% 61% US Labor Force Participation Rate (Right Scale, Seasonally Adj. 60% 2000 2002 2006 2008 2010 2012 2014 2016 2018 2020 2022

Source: Bureau of Labor Statistics: as of 9/30/22

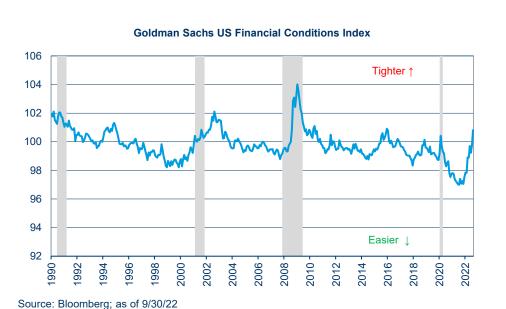
¹ The U-3 unemployment rate represents the percentage of the civilian labor force that is jobless and actively seeking employment.

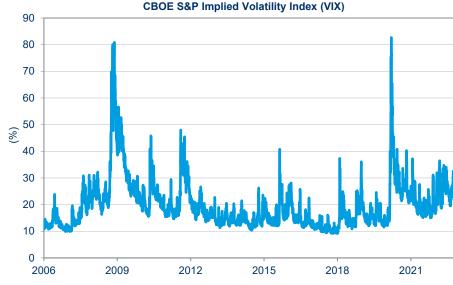


Risk factors

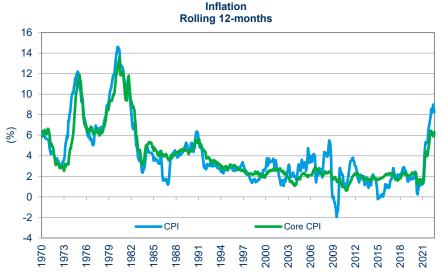
US inflation remains high

- US inflation remained elevated in Q3, and the Fed has maintained its aggressive pace of tightening. There are some signs that inflationary pressures may be weakening, but more sustained evidence is needed.
- The Russia Ukraine conflict continues to cause geopolitical uncertainty and fears of potential escalation.
- The VIX volatility index rose from 29 to 31 during the quarter. The index had fallen to around 20 mid-quarter, before returning to elevated levels¹.
- Financial conditions continued to tighten during the quarter as rates rose. The Goldman Sachs US Financial Conditions Index is at the highest level in over six years.





Source: Bloomberg; as of 9/30/22



Source: Bloomberg; through 8/31/22

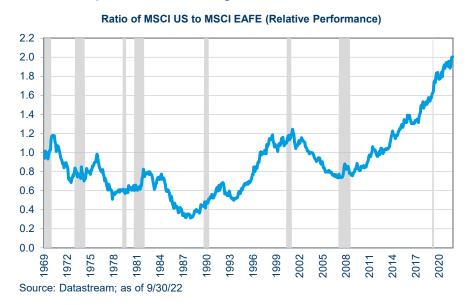


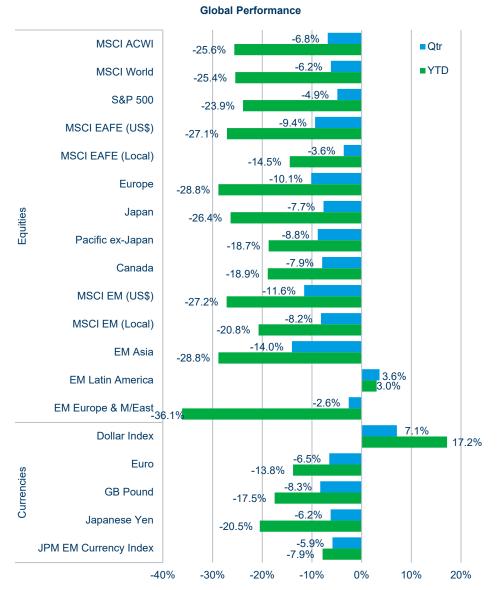
B A FOCUS FINANCIAL PARTNER

Regional equity returns

Global equities in a bear market year-to-date

- Global equities posted another quarter of declines in Q3, with the MSCI ACWI index falling 6.8% during the quarter. Year-to-date, the index has declined 25.6%.
- The S&P 500 fell 4.9% during the quarter, and is now down 23.9% year-to-date.
- International developed stocks declined 9.4% in Q3, leaving their year-to-date decline at 27.1%. A stronger dollar detracted 580 bps from US\$ returns during the quarter.
- Emerging market equities fell 11.6% in Q3 and 27.2% year-to-date. Asian emerging markets were the worst performing region during the quarter, while Latin America posted modest gains.





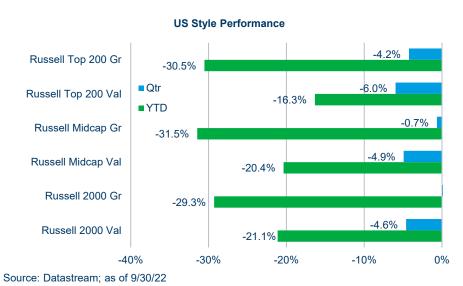
Source: Bloomberg, Datastream; as of 9/30/22

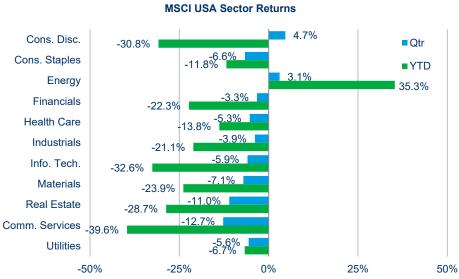


US equity factor and sector returns

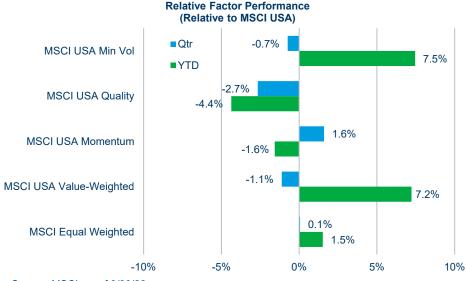
Small-caps and growth stocks outperform despite rising rates

- Small-caps outperformed during Q3, although largecaps remain modestly ahead year-to-date. Value stocks have held up better than growth stocks in 2022, despite modest underperformance in Q3.
- The momentum factor outperformed during Q3, while the quality, minimum volatility and value factors generally lagged. The minimum volatility and value factors continue to show outperformance for the year-todate period.
- The consumer discretionary and energy sectors were the only sectors with positive performance during Q3 and energy remains the only positive sector year-todate. Communication services has been the worst performing sector during Q3 and year-to-date.





Source: Bloomberg; as of 9/30/22



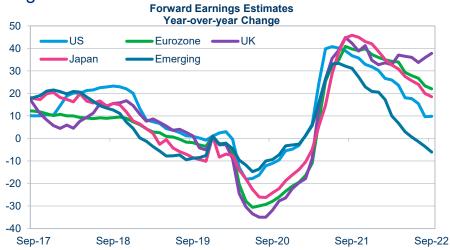
Source: MSCI; as of 9/30/22



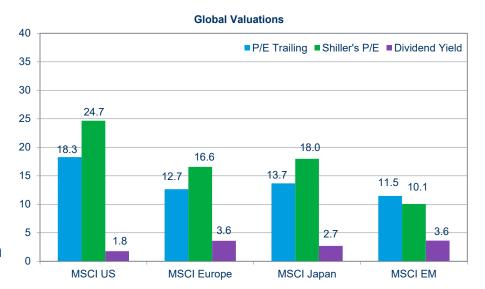
Equity fundamentals

Valuations improve amid weak performance

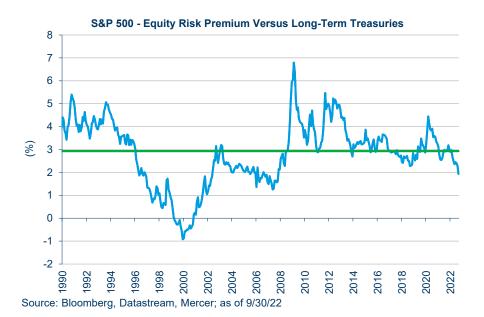
- Valuations modestly improved during the quarter as prices declined more than earnings. The trailing P/E ratio on the MSCI US Index fell from 18.9 to 18.3¹. However, we estimate that the equity risk premium over long-term Treasuries fell from 2.4% to 1.9%² as the increase in yields outweighed improving valuations.
- International developed stocks remain more reasonably valued than US stocks, although Europe faces a challenging winter with elevated energy prices and potential supply shortages.
- Emerging market valuations remain more attractive than developed markets. Monetary policy remains accommodative in China, although challenges in the property sector and COVID restrictions continue to weigh on the outlook.



Source: Datastream; as of 9/30/22



Source: Bloomberg, Datastream, Mercer; as of 9/30/22





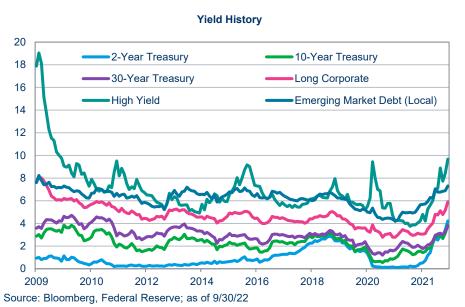
¹ Source: Refinitiv; as of 9/30/22

² Source: MSCI, Refinitiv, Mercer; as of 9/30/22

Interest rates and fixed income

Rising rates drive losses on bonds, as spreads see little change

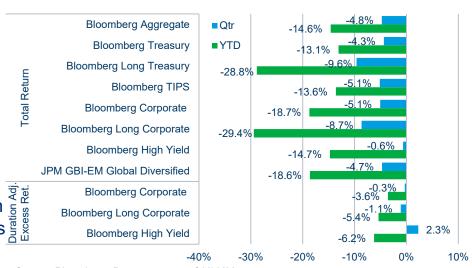
- The Bloomberg Aggregate declined 4.8% during the quarter. Treasuries declined 4.3%, but outperformed corporate bonds, which declined 5.1%. The yield curve shifted higher and flattened, with 3-month yields rising 161 bps, while 30-year yields rose by 65 bps¹.
- Credit spreads on investment-grade corporate bonds saw little change, rising 4 bps during the quarter to 1.6%, which is roughly 45 bps above the long-term median level².
- High yield bonds declined 0.6% during the quarter, even as credit spreads fell 16bps to 5.5%. High yield spreads are 90 bps above the long-term median level of 4.6%². Local currency EMD declined 4.7% during Q3.



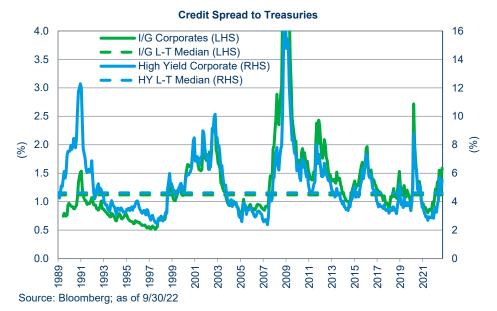


² Source: Bloomberg, Mercer; as of 9/30/22 Past performance is no guarantee of future results

Fixed Income Performance



Source: Bloomberg, Datastream; as of 9/30/22

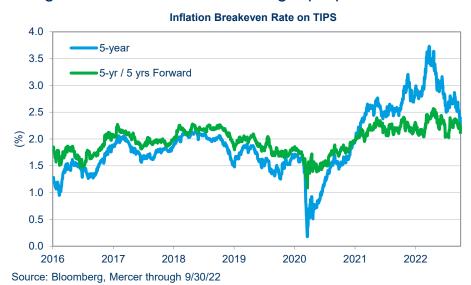




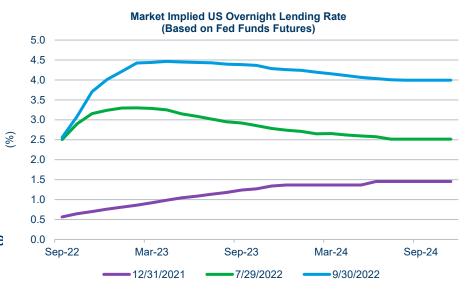
Monetary policy

Central banks maintain their hawkish stances

- In September, the Federal Reserve approved its third consecutive 75 basis point rate hike, bringing its policy rate to 3% - 3.25%. The Fed's dot plot and market pricing both suggest that the policy rate will be over 4% by the end of 2022.
- US inflation breakeven rates fell during the quarter, with 10-year inflation breakeven rates falling from 2.3% to 2.15%, slightly below the Fed's target of 2% PCE (roughly 2.5% CPI)¹.
- Overseas, most other central banks also raised rates, including the ECB and BOE. Japan and China were the only major regions without rate increases in Q3. In the UK, the BOE launched a temporary bond purchase program to ease conditions following the market's negative reaction to a new budget proposal.







Source: Bloomberg

Treasury Yield Curve



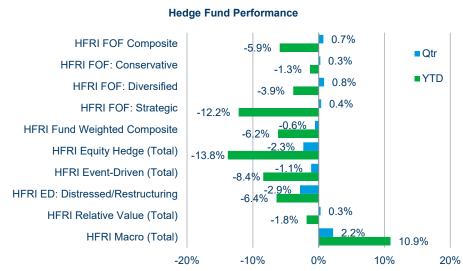
Source: Federal Reserve: as of 9/30/22



Alternative investment performance

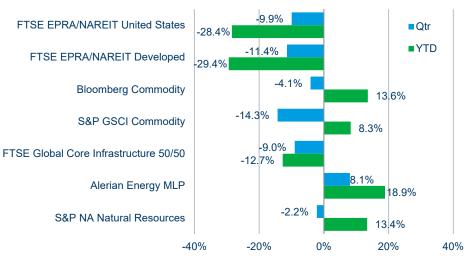
REITs, infrastructure and commodities decline, hedge funds deliver gains

- REITs fell roughly 11% during Q3, faring worse than broader equity markets. Infrastructure stocks declined 9% during the quarter, but they have outperformed broader markets year-to-date.
- Commodities and natural resource stocks posted modest declines during the month on fears of a global slowdown, but returns remain positive year-to-date.
 MLPs returned over 8% during the quarter.
- The HFRI FOF Composite Index gained 0.7% in Q3, leaving it with a 5.9% decline, year-to-date¹. Macro strategies have outperformed in 2022, while equity hedge and event-driven strategies have lagged.
- Global private equity outperformed global developed stocks over the most recent trailing periods².



Source: Hedge Fund Research; as of 9/30/22

Real Asset Performance



Source: Bloomberg, Datastream; as of 9/30/22

Global Private Equity vs. Global Public Equities



Source: Burgiss, Bloomberg; as of 6/30/22



¹ Source: Hedge Fund Research; as of 9/30/22

² Source: Burgiss, Bloomberg; as of 6/30/22 Past performance is no guarantee of future results

Valuations and yields

Ending September 30, 2022

Valuations

Valuationio				
MSCI USA	9/30/2022	6/30/2022	3/31/2022	12/31/2021
Index Level	15757.5	16534.2	19866.9	20958.0
P/E Ratio (Trailing)	18.3	18.9	23.1	32.2
CAPE Ratio	24.7	26.6	33.0	36.2
Dividend Yield	1.8	1.7	1.4	1.5
P/B	3.6	3.8	4.7	4.4
P/CF	12.6	14.1	18.5	20.3
MSCI EAFE	9/30/2022	6/30/2022	3/31/2022	12/31/2021
Index Level	5610.4	6189.6	7240.4	7695.5
P/E Ratio (Trailing)	13.0	13.9	15.5	23.1
CAPE Ratio	14.0	15.6	17.0	17.9
Dividend Yield	3.6	3.4	2.9	2.4
P/B	1.5	1.6	1.8	1.8
P/CF	5.5	6.4	7.9	7.7
MSCI EM	9/30/2022	6/30/2022	3/31/2022	12/31/2021
Index Level	443.1	501.1	565.8	608.3
P/E Ratio (Trailing)	11.5	12.5	14.0	21.7
CAPE Ratio	10.1	11.6	13.7	14.5
Dividend Yield	3.6	3.1	2.5	2.0
P/B	1.5	1.7	1.8	2.0
P/CF	6.7	7.6	8.5	8.3

Source: Bloomberg, Thomson Reuters Datastream

Yields

Global Bonds	9/30/2022	6/30/2022	3/31/2022	12/31/2021
Germany – 10Y	2.11	1.34	0.55	-0.18
France – 10Y	2.72	1.92	0.98	0.20
UK – 10Y	4.09	2.23	1.61	0.97
Switzerland – 10Y	1.23	1.07	0.60	-0.14
Italy – 10Y	4.52	3.26	2.04	1.17
Spain – 10Y	3.29	2.42	1.44	0.57
Japan – 10Y	0.24	0.23	0.22	0.07
Euro Corporate	4.24	3.24	1.55	0.52
Euro High Yield	9.01	8.08	5.18	3.55
EMD (\$)	9.57	8.56	6.42	5.27
EMD (LCL)	7.31	7.06	6.23	5.72
US Bonds	9/30/2022	6/30/2022	3/31/2022	12/31/2021
3-Month T-Bill	3.33	1.72	0.52	0.06
10Y Treasury	3.83	2.98	2.32	1.52
30Y Treasury	3.79	3.14	2.44	1.90
10Y TIPS	1.68	0.65	-0.52	-1.04
30Y TIPS	1.74	0.91	-0.03	-0.44
US Aggregate	4.75	3.72	2.92	1.75
US Treasury	4.13	3.09	2.42	1.23
US Corporate	5.69	4.70	3.60	2.33
US Corporate High Yield	9.68	8.89	6.01	4.21

Source: Bloomberg, Thomson Reuters Datastream



Important Notices

This report, which has been prepared by GYL Financial Synergies, contains confidential and proprietary information of Mercer (which, as used herein, shall be construed to include Mercer LLC and/or its associated companies) with Mercer's permission ("Information"). The Information is intended for the exclusive use of only the parties to whom GYL Financial Synergies directly provides the report. The Information may not be modified, sold or otherwise provided, in whole or in part, to any other person or entity without Mercer's prior written permission. Mercer retains exclusive and sole ownership of the Information.

The Information may have been obtained from a range of third party sources. While the Information is believed to be reliable, Mercer has not sought to verify it independently. As such, Mercer makes no representations or warranties as to the accuracy of the Information and takes no responsibility or liability (including for indirect, consequential or incidental damages) for any use of the Information, including any error, omission or inaccuracy in the Information.

The Information does not constitute investment, tax or legal advice or an offer to purchase or sell any securities. The Information is subject to change without notice. The Information is not intended to convey any guarantees as to the future performance of any investment products, asset classes or capital markets.

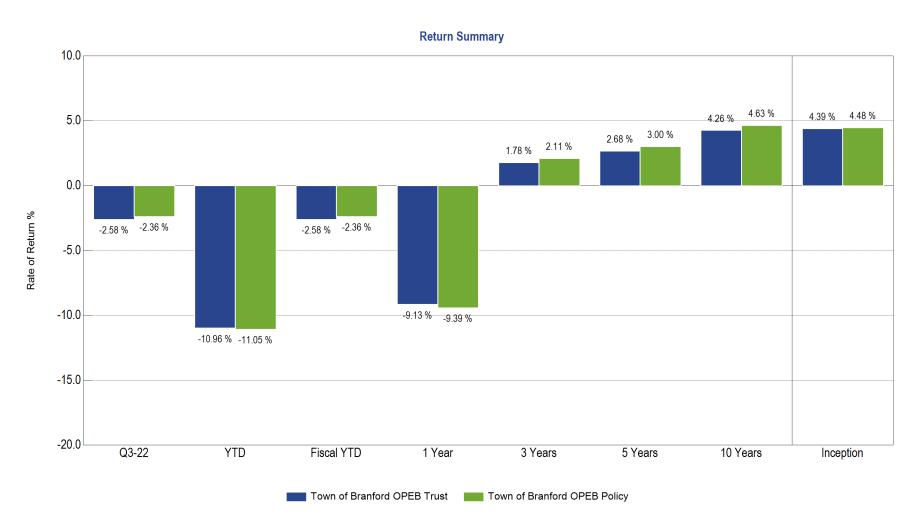
GYL Financial Synergies is a fee-only independent fiduciary, Registered Investment Advisor firm that consults institutional and high-net-worth private clientele. See more on our website: www.gylfinsyn.com.

Any opinions expressed or implied herein are not necessarily the same as those of GYL Financial Synergies and are subject to change without notice. The information herein has been obtained from sources believed to be reliable, but we cannot assure its accuracy or completeness. The report herein is not a complete analysis of every material fact in respect to any company, industry, or security. Any market prices are only indications of market values and are subject to change. The material has been prepared or is distributed solely for information purposes and is not a solicitation or an offer to buy any security or instrument or to participate in any trading strategy. Any reference to past performance is not to be implied or construed as a guarantee of future results.



Performance Summary

As of September 30, 2022



For the purposes of investment comparison, the Town of Branford OPEB Policy (the "Policy") is utilized. This Policy is a blend of comparative index sub-components based upon the current target asset allocation of the plan and has been adjusted periodically in adherence with the plan's investment policy statement. Details on the composition of the Policy can be found on page 30.

Returns are gross of fees unless otherwise noted. Client returns will be reduced by advisory and other expenses the client may incur. Net performance is shown on page 16.

Town of Branford OPEB Trust

Investment Performance Analysis

Gross Composite Performance

As of September 30, 2022

Ending September 30, 2022

	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Town of Branford OPEB Trust	34,162,936	100.00	-2.58	-10.96	-2.58	-9.13	1.78	2.68	4.26	4.39	Jul-11
Town of Branford OPEB Policy			-2.36	-11.05	-2.36	-9.39	2.11	3.00	4.63	4.48	Jul-11
Equity Group	12,069,861	35.33	-4.99	-21.39	-4.99	-16.73	4.19	4.24	6.76	6.59	Jul-11
Equity Custom Benchmark			-4.85	-21.45	-4.85	-16.95	4.29	4.38	6.92	6.19	Jul-11
iShares S&P 500	3,359,398	9.83	-4.81	-23.83	-4.81	-15.40	8.15	9.20	11.66	11.95	Jul-11
S&P 500			-4.88	-23.87	-4.88	-15.47	8.16	9.24	11.70	11.47	Jul-11
iShares S&P MidCap 400	2,016,882	5.90	-2.32	-21.43	-2.32	-15.15	5.99	5.77	9.98	9.68	Jul-11
S&P 400 MidCap			-2.46	-21.52	-2.46	-15.25	6.01	5.82	10.04	9.16	Jul-11
iShares Russell 2000	1,486,549	4.35	-1.95	-24.99	-1.95	-23.48	4.25	3.45	8.52	8.51	Jul-11
Russell 2000			-2.19	-25.10	-2.19	-23.50	4.29	3.55	8.55	7.86	Jul-11
iShares MSCI EAFE	2,110,102	6.18	-10.19	-26.82	-10.19	-24.89	-1.95	-1.01	3.59	3.01	Jul-11
MSCI EAFE			-9.36	-27.09	-9.36	-25.13	-1.83	-0.84	3.67	2.51	Jul-11
iShares MSCI Emerging Mkts	1,239,003	3.63	-12.89	-27.80	-12.89	-28.96	-3.01	-2.89	0.31	-0.12	Jul-11
MSCI Emerging Markets			-11.57	-27.16	-11.57	-28.11	-2.07	-1.81	1.05	0.05	Jul-11
iShares Dow Jones US Real Estate	652,086	1.91	-10.42	-28.52	-10.42	-18.09	-1.91	3.38	5.97	6.84	Jul-11
iShares U.S. Real Estate Benchmark			-10.41	-28.34	-10.41	-17.87	-1.60	3.71	6.42	6.79	Jul-11
Alerian MLP	1,205,841	3.53	8.45	18.26	8.45	18.69	1.93	0.10		-0.89	Sep-15
Alerian MLP Index			8.05	18.90	8.05	19.56	4.46	1.90		0.15	Sep-15
Fixed Income Group	22,093,075	64.67	-1.12	-4.32	-1.12	-4.43	-0.01	1.40	1.56	1.72	Jul-11
Fixed Income Custom Benchmark			-1.02	-4.68	-1.02	-4.79	-0.05	1.41	1.81	2.22	Jul-11
High Yield	1,927,489	5.64	-0.48	-11.72	-0.48	-11.06	0.28	1.68	3.06	3.68	Jul-11
High Yield Bond Blended Benchmark			-0.67	-14.61	-0.67	-14.06	-0.70	1.38	3.58	4.28	Jul-11
Fixed Income	8,781,834	25.71	-2.84	-8.62	-2.84	-9.09	-1.38	0.50	0.92	1.19	Jul-11
Bloomberg US Govt/Credit Int TR			-3.06	-9.63	-3.06	-10.14	-1.64	0.38	1.00	1.49	Jul-11
Treasury Bills	10,264,070	30.04								0.02	Sep-22
FTSE T-Bill 3 Months TR										0.20	Sep-22
Cash Alternatives	1,119,681	3.28	0.44	0.54	0.44	0.54	0.38	0.88	0.48	0.42	Jul-11
FTSE T-Bill 3 Months TR			0.45	0.62	0.45	0.63	0.57	1.13	0.66	0.59	Jul-11

Returns for the Town of Branford OPEB Trust (as shown above) are gross of advisory fees. Although our advisory fee is not reflected in the returns reference above, it is important to note that the return streams for registered mutual funds are net of the internal expenses of the Funds. Client returns will be reduced by advisory fees and other expenses the client may incur.

Town of Branford OPEB Trust

Investment Performance Analysis

Net Composite Performance

As of September 30, 2022

16

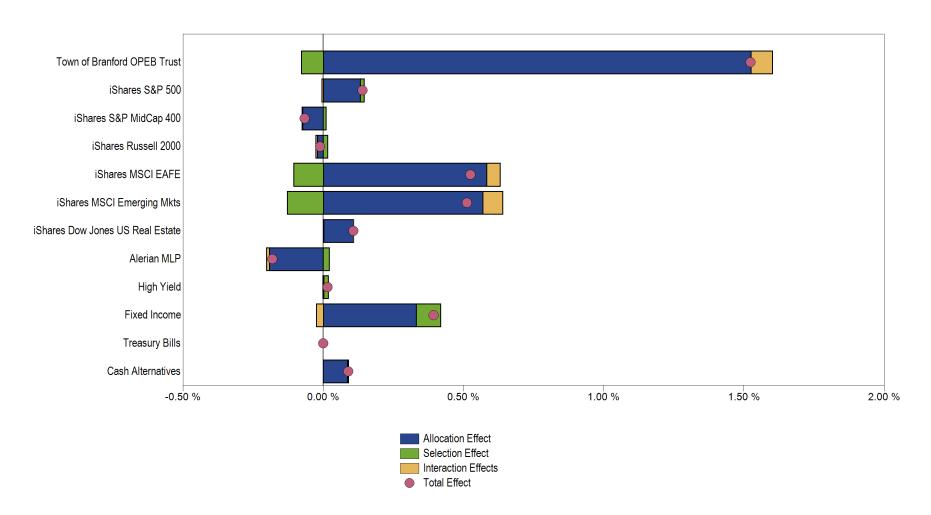
Ending September 30, 2022

	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Town of Branford OPEB Trust	34,162,936	100.00	-2.62	-11.09	-2.62	-9.31	1.54	2.44	4.06	4.21	Jul-11
Town of Branford OPEB Policy			-2.36	-11.05	-2.36	-9.39	2.11	3.00	4.63	4.48	Jul-11

Fund Level Attribution Analysis

As of September 30, 2022

Attribution Effects
3 Months Ending September 30, 2022

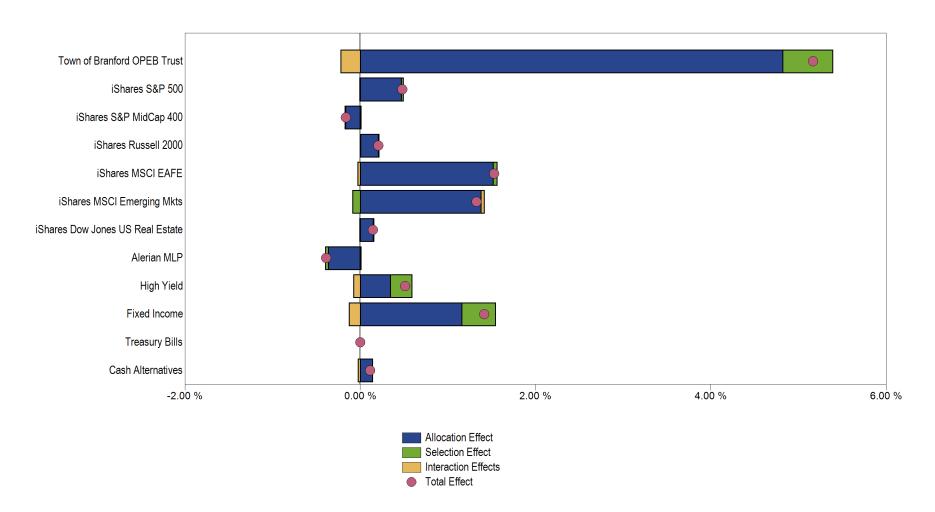


Returns are gross of advisory fees. Client returns will be reduced by advisory fees and other expenses the client may incur.

Fund Level Attribution Analysis

As of September 30, 2022

Attribution Effects
1 Year Ending September 30, 2022



Returns are gross of advisory fees. Client returns will be reduced by advisory fees and other expenses the client may incur.

As of September 30, 2022

Performance Attribution

Quarter Ending September 30, 2022

	Last 3 Mo.	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Wtd. Actual Return	-2.60%	-10.98%	1.72%	-9.15%	1.76%	2.73%	4.37%
Wtd. Index Return *	-4.13%	-16.59%	1.70%	-14.32%	1.78%	2.88%	4.57%
Excess Return	1.53%	5.62%	0.02%	5.17%	-0.01%	-0.15%	-0.20%
Selection Effect	-0.08%	0.57%	-0.04%	0.57%	-0.04%	-0.14%	-0.19%
Allocation Effect	1.53%	5.27%	0.07%	4.82%	0.04%	-0.01%	-0.01%
Interaction Effect	0.08%	-0.22%	-0.02%	-0.22%	-0.01%	0.00%	-0.01%

^{*}Calculated from benchmark returns and weightings of each component.

Attribution Summary

3 Months Ending September 30, 2022

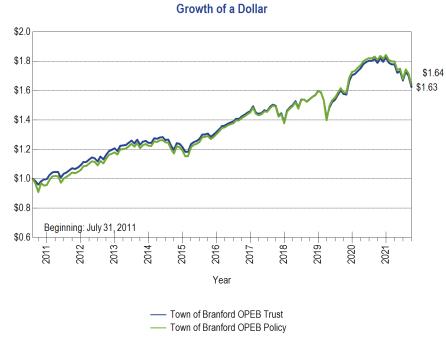
	Wtd. Actual	Wtd. Index	Excess	Selection	Allocation	Interaction	Total
	Return	Return	Return	Effect	Effect	Effects	Effects
iShares S&P 500	-4.81%	-4.88%	0.07%	0.01%	0.13%	0.00%	0.14%
iShares S&P MidCap 400	-2.32%	-2.46%	0.14%	0.01%	-0.07%	0.00%	-0.07%
iShares Russell 2000	-1.95%	-2.19%	0.24%	0.01%	-0.02%	0.00%	-0.01%
iShares MSCI EAFE	-10.19%	-9.36%	-0.83%	-0.11%	0.58%	0.05%	0.52%
iShares MSCI Emerging Mkts	-12.89%	-11.57%	-1.31%	-0.13%	0.57%	0.07%	0.51%
iShares Dow Jones US Real Estate	-10.42%	-10.41%	-0.01%	0.00%	0.11%	0.00%	0.11%
Alerian MLP	8.45%	8.05%	0.39%	0.02%	-0.19%	-0.01%	-0.18%
High Yield	-0.48%	-0.67%	0.19%	0.01%	0.00%	0.00%	0.02%
Fixed Income	-2.84%	-3.06%	0.22%	0.08%	0.33%	-0.02%	0.39%
Treasury Bills							
Cash Alternatives	0.44%	0.45%	-0.01%	0.00%	0.09%	0.00%	0.09%
Total	-2.60%	-4.13%	1.53%	-0.08%	1.53%	0.08%	1.52%

Returns are gross of advisory fees. Client returns will be reduced by advisory fees and other expenses the client may incur.

Total Plan Information

As of September 30, 2022

RISK RETURN STATISTICS



.4							-			
.2		No and a second	***	W						
.0										
.8										
.6 Begir	nning: Jul	y 31, 201	1							
2011	2012-	2013-	2014-	2015-	2016-	2017-	2018-	2019-	2020-	2021 -
					Year					
				Tourn	f Dranfar	4 ODED 1	Fruot			
					f Branford	OPEB F				

The Growth of Dollar graph and the returns presented above are gross of advisory fees. The returns presented herein will be
reduced by advisory and other expenses the client may incur. The Summary of Cash Flows is net of all expenses

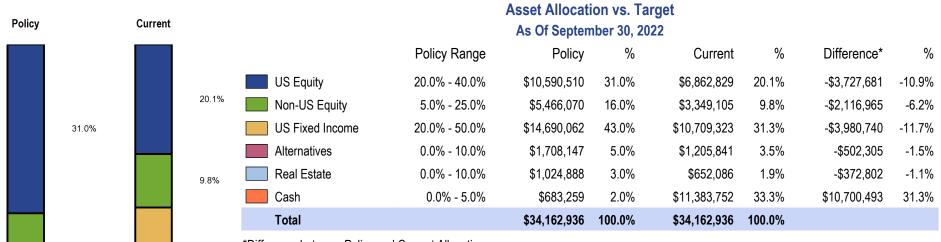
	Town of Branford OPEB Trust	Town of Branford OPEB Policy
RETURN SUMMARY STATISTICS		
Number of Periods	135	135
Maximum Return	5.87	6.92
Minimum Return	-8.09	-8.89
Annualized Return	4.39	4.48
Total Return	62.12	63.65
Annualized Excess Return Over Risk Free	3.80	3.88
Annualized Excess Return	-0.09	0.00
RISK SUMMARY STATISTICS		
Beta	0.85	1.00
Upside Deviation	4.19	5.05
Downside Deviation	5.54	6.36
RISK/RETURN SUMMARY STATISTICS		
Annualized Standard Deviation	7.18	8.11
Alpha	0.04	0.00
Sharpe Ratio	0.53	0.48
Excess Return Over Market / Risk	-0.01	0.00
Tracking Error	2.20	0.00
Information Ratio	-0.04	
CORRELATION STATISTICS		
R-Squared	0.93	1.00
Correlation	0.97	1.00

Summary of Cash Flows

			, , ,					
	Last Three Months	Year-To-Date	Fiscal Year-To- Date	One Year	Three Years	Five Years	Ten Years	Inception 7/1/11
Beginning Market Value	\$34,237,561	\$37,496,743	\$34,237,561	\$36,760,723	\$18,338,790	\$13,713,143	\$6,057,772	\$4,030,671
Contributions	\$12,692,553	\$15,061,326	\$12,692,553	\$15,061,981	\$32,470,909	\$39,519,463	\$50,777,049	\$53,182,237
Withdrawals	-\$11,840,897	-\$14,245,492	-\$11,840,897	-\$14,265,115	-\$17,400,703	-\$21,090,077	-\$27,531,826	-\$28,245,550
Net Cash Flow	\$851,656	\$815,834	\$851,656	\$796,867	\$15,070,206	\$18,429,386	\$23,245,223	\$24,936,687
Net Investment Change	-\$926,282	-\$4,149,641	-\$926,282	-\$3,394,654	\$753,939	\$2,020,407	\$4,859,941	\$5,195,578
Ending Market Value	\$34,162,936	\$34,162,936	\$34,162,936	\$34,162,936	\$34,162,936	\$34,162,936	\$34,162,936	\$34,162,936

Asset Allocation vs. Target Policy

As of September 30, 2022



^{*}Difference between Policy and Current Allocation

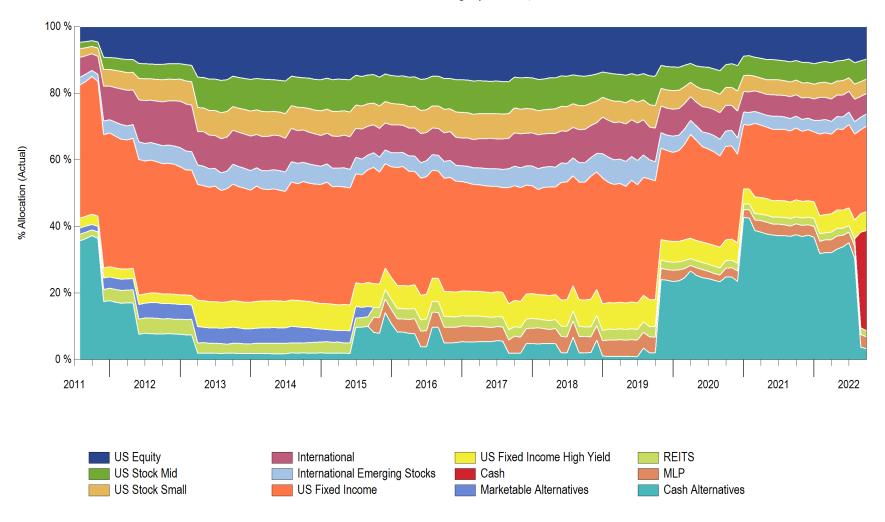
31.3%

16.0%

Asset Allocation History

As of September 30, 2022

Asset Allocation History
11 Years 3 Months Ending September 30, 2022



Investment Analysis

Total Plan

As of September 30, 2022

Manager RosterAs of September 30, 2022

	Account Type	Benchmark	Universe	Market Value	Allocation	Inception
Alerian MLP	MLP	Alerian MLP Index		\$1,205,841	3.5%	9/1/2015
Cash Alternatives	Cash Alternatives	FTSE T-Bill 3 Months TR		\$1,119,681	3.3%	7/1/2011
Fixed Income	US Fixed Income	Bloomberg US Govt/Credit Int TR	US Intermediate Fixed Income	\$8,781,834	25.7%	7/1/2011
High Yield	US Fixed Income High Yield	High Yield Bond Blended Benchmark	High Yield Bond MStar MF	\$1,927,489	5.6%	7/1/2011
iShares Dow Jones US Real Estate	REITS	iShares U.S. Real Estate Benchmark	Real Estate MStar MF	\$652,086	1.9%	7/1/2011
iShares MSCI EAFE	International	MSCI EAFE	Foreign Large Blend MStar MF	\$2,110,102	6.2%	7/1/2011
iShares MSCI Emerging Mkts	International Emerging Stocks	MSCI Emerging Markets	Diversified Emerging Mkts MStar MF	\$1,239,003	3.6%	7/1/2011
iShares Russell 2000	US Stock Small	Russell 2000	Small Blend MStar MF	\$1,486,549	4.4%	7/1/2011
iShares S&P 500	US Equity	S&P 500	Large Blend MStar MF	\$3,359,398	9.8%	7/1/2011
iShares S&P MidCap 400	US Stock Mid	S&P 400 MidCap	Mid-Cap Blend MStar MF	\$2,016,882	5.9%	7/1/2011
Treasury Bills	Cash	FTSE T-Bill 3 Months TR	US Cash Fixed Income	\$10,264,070	30.0%	9/1/2022
Total		Town of Branford OPEB Policy		\$34,162,936	100.0%	7/1/2011

Town of Branford OPEB Equity Positions As of September 30, 2022

%	οf	Εa	uity

Holding	Market Value	Portfolio
Cash & Cash Equivalents	\$11,383,751.77	48.54%
ISHARES S&P 500	\$3,359,397.79	14.32%
ISHARES S&P MIDCAP 400	\$2,016,882.18	8.60%
ISHARES Russell 2000	\$1,486,548.80	6.34%
ISHARES MSCI EAFE Index ETF	\$2,110,101.92	9.00%
ISHARES MSCI Emerging Markets	\$1,239,003.10	5.28%
ISHARES Dow Jones US Real Estate	\$652,086.26	2.78%
Alerian MLP	\$1,205,841.33	5.14%
	\$23,453,613.15	100.00%

Town of Branford OPEB Trust Fixed Income Positions as of September 30, 2022

		as or Sep	otember 30, 2	1022		0/ 11 11		
(000) Issuer Name	Quality	Coupon	Maturity	Price	Mkt Val (000)	% Held (MV)	YTW	Effective Duration
144 CASH & EQUIVALENTS	AAA	1.610	07/31/2022	100.000	144	1.68	1.610	0.084
65 NORTHERN TR CORP	Α	2.375	08/02/2022	99.972	66	0.77	2.665	0.089
45 PHILIP MORRIS INTL INC	Α	2.375	08/17/2022	99.918	45	0.53	2.979	0.122
12 JPMORGAN CHASE & CO	A-	3.250	09/23/2022	100.154	12	0.14	2.556	0.230
70 UNITED STATES TREAS NTS	AA+	0.125	10/31/2022	99.341	70	0.81	2.110	0.333
30 CONNECTICUT ST GO BDS 2009B	A+	5.200	12/01/2022	101.117	30	0.36	2.501	0.416
160 MORGAN STANLEY	A-	3.125	01/23/2023	99.972	162	1.89	3.173	0.550
60 BERKSHIRE HATHAWAY INC DEL	AA	3.000	02/11/2023	99.832	61	0.71	3.275	0.602
160 GOLDMAN SACHS GROUP INC	BBB+	3.200	02/23/2023	100.041	162	1.89	3.124	0.606
75 UNIVERSITY CALIF REVS GEN R	AA	3.538	05/15/2023	100.366	76	0.88	3.108	0.852
1 GNMA POOL - 687736	AA+	5.500	07/15/2023	100.465	1	0.01	4.063	0.447
65 GLAXOSMITHKLINE CAP PLC	Α	0.534	10/01/2023	96.642	63	0.73	3.292	1.230
90 SHELL INTERNATIONAL FIN BV	A+	3.500	11/13/2023	100.715	91	1.06	2.929	1.27
110 NATIONAL RURAL UTILS COOP FI	A-	3.400	11/15/2023	99.924	110	1.29	3.455	1.22
100 CATERPILLAR FINL SVCS MTNS B	Α	3.750	11/24/2023	100.907	101	1.18	3.081	1.35
85 JOHNSON & JOHNSON	AAA	3.375	12/05/2023	100.502	86	1.00	3.013	1.380
150 UNITED STATES TREAS NTS	AA+	0.125	02/15/2024	95.606	143	1.68	2.910	1.604
1 GNMA POOL - 783221	AA+	6.000	02/15/2024	100.774	1	0.01	4.125	0.50
61 BLACKROCK INC	AA-	3.500	03/18/2024	100.476	62	0.72	3.211	1.640
85 JPMORGAN CHASE FINL CO LLC	A-	3.100	03/24/2024	97.712	84	0.98	4.484	1.596
180 BK OF AMERICA CORP	A-	4.000	04/01/2024	100.761	183	2.14	3.546	1.668
150 TRUIST BK CHARLOTTE N C	A	3.200	04/01/2024	99.604	151	1.76	3.433	1.65
65 DEERE JOHN CAPITAL CORP	A	3.350	06/12/2024	99.986	65	0.76	3.357	1.87
100 ENTERGY GULF STS LA LLC	A	5.590	10/01/2024	103.359	105	1.22	4.012	2.08
135 PHILIP MORRIS INTL INC	A	3.250	11/10/2024	98.778	134	1.56	3.795	2.24
200 STATE STR CORP	Α	3.776	12/03/2024	99.868	200	2.34	3.870	1.374
40 UNITED STATES TREAS NTS	AA+	1.000	12/15/2024	95.316	38	0.45	2.990	2.40
4 GNMA2 POOL - 004585	AA+	4.500	12/20/2024	103.773	4	0.05	0.569	0.87
200 UNITED STATES TREAS NTS	AA+	1.125	01/15/2025	95.453	192	2.24	2.996	2.46
124 MERCK & CO INC	A+	2.750	02/10/2025	98.787	124	1.45	3.237	2.39
140 EXXON MOBIL CORP	AA-	2.709	03/06/2025	97.894	138	1.62	3.538	2.47
185 UNITED STATES TREAS NTS	AA+	1.750	03/15/2025	96.781	180	2.10	2.995	2.60
120 CHARLES SCHWAB CORP	A	4.200	03/24/2025	101.458	123	1.44	3.617	2.48
120 DEERE & CO	A	2.750	04/15/2025	97.899	118	1.38	3.546	2.62
3 GNMA2 POOL - 004687	AA+	4.500	05/20/2025	103.811	3	0.04	1.076	1.01
80 DEERE JOHN CAPITAL CORP	Α	3.400	06/06/2025	99.646	80	0.93	3.527	2.76
50 BERKSHIRE HATHAWAY INC DEL	AA		06/15/2025	108.928	55	0.93	4.018	2.66
		7.250	08/15/2025					
130 UNITED STATES TREAS NTS	AA+	2.000		96.988	127	1.48	3.016	2.97
187 BP CAP MKTS AMER INC 70 WELLS FARGO & CO	A- BBB+	3.796 3.550	09/21/2025 09/29/2025	100.428 98.316	190 69	2.22 0.81	3.647 4.108	2.91 3.00
65 PROCTER & GAMBLE CO	^ ^	2.700	02/02/2026	98.315	GF.	0.75	3.200	3.36
	AA- ^ ^ +				65 3			
3 GNMA2 POOL - 004954	AA+	3.000	02/20/2026	98.431	3	0.04	4.014	1.42
180 APPLE INC	AA+	3.250	02/23/2026	99.388	181	2.11	3.429	3.28
310 UNITED STATES TREAS NTS	AA+	0.500	02/28/2026	91.258	283	3.31	3.036	3.579
125 US BANCORP	Α	3.100	04/27/2026	96.570	121	1.42	4.077	3.527

Town of Branford OPEB Trust Fixed Income Positions as of September 30, 2022

		as of Sep	otember 30, 2	2022		0/ Hald		Effortivo
(000) Issuer Name	Quality	Coupon	Maturity	Price	Mkt Val (000)	% Held (MV)	YTW	Effective Duration
100 UNITED STATES TREAS NTS	AA+	0.750	04/30/2026	91.789	92	1.07	3.035	3.726
30 SIERRA PAC PWR CO	Α	2.600	05/01/2026	95.221	29	0.34	3.954	3.546
124 BANK NEW YORK MELLON CORP	Α	2.800	05/04/2026	96.426	120	1.40	3.807	3.531
115 UNITED STATES TREAS NTS	AA+	1.625	05/15/2026	94.887	109	1.28	3.033	3.708
150 JPMORGAN CHASE & CO	A-	3.200	06/15/2026	96.598	145	1.69	4.140	3.613
46 UNITED STATES TREAS NTS	AA+	1.875	07/31/2026	95.652	44	0.52	3.014	3.864
66 MICROSOFT CORP	AAA	2.400	08/08/2026	96.230	64	0.75	3.391	3.778
160 UNITED STATES TREAS NTS	AA+	0.750	08/31/2026	91.152	146	1.71	3.025	4.044
100 TJX COS INC NEW	Α	2.250	09/15/2026	93.879	95	1.10	3.838	3.904
190 PEPSICO INC	A+	2.375	10/06/2026	95.907	183	2.14	3.413	3.941
150 UNITED STATES TREAS NTS	AA+	1.250	11/30/2026	92.723	139	1.63	3.022	4.247
30 UNITED STATES TREAS NTS	AA+	1.625	11/30/2026	94.227	28	0.33	3.031	4.215
47 PFIZER INC	Α	3.000	12/15/2026	97.955	46	0.54	3.499	4.135
200 UNITED STATES TREAS NTS	AA+	1.500	01/31/2027	93.504	188	2.20	3.028	4.360
90 MICROSOFT CORP	AAA	3.300	02/06/2027	99.498	91	1.06	3.418	4.096
110 NIKE INC	A+	2.750	03/27/2027	96.373	107	1.25	3.588	4.326
200 CHEVRON CORPORATION	AA-	1.995	05/11/2027	92.059	185	2.16	3.798	4.538
140 COCA COLA CO	A+	2.900	05/25/2027	97.329	137	1.60	3.497	4.518
75 JOHNSON & JOHNSON	AAA	2.900	01/15/2028	96.772	74	0.86	3.547	4.923
195 UNITED STATES TREAS NTS	AA+	2.750	02/15/2028	98.418	194	2.27	3.058	5.128
200 UNITED STATES TREAS NTS	AA+	1.125	02/29/2028	90.074	181	2.11	3.045	5.402
100 UNITED STATES TREAS NTS	AA+	1.250	04/30/2028	90.356	91	1.06	3.068	5.546
90 UNITED STATES TREAS NTS	AA+	2.875	05/15/2028	99.000	89	1.04	3.062	5.354
20 HORMEL FOODS CORP	A	1.700	06/03/2028	88.348	18	0.21	3.923	5.515
60 BURLINGTON NORTHN SANTA FE C	A-	6.700	08/01/2028	111.769	69	0.80	4.469	4.936
445 LINITED STATES TOFAS NES	^ ^ . .	2 125	11/15/2028	100 201	116	4.25	2.057	E 700
115 UNITED STATES TREAS NTS 60 WELLS FARGO & CO	AA+	3.125		100.391	116	1.35	3.057	5.733
	BBB+	4.150	01/24/2029	96.865	59	0.69	4.710	5.495
160 UNITED STATES TREAS NTS	AA+	2.625	02/15/2029	97.547	158	1.84	3.036	5.978
10 TOYOTA MTR CR CORP	A+	4.450	06/29/2029	101.416	10	0.12	4.214	5.975
79 UNITED STATES TREAS NTS	AA+	1.625	08/15/2029	91.234	73	0.85	3.000	6.600
98 UNITED STATES TREAS NTS	AA+	1.750	11/15/2029	91.953	90	1.06	2.973	6.821
10 PROCTER & GAMBLE CO	AA-	3.000	03/25/2030	94.574	10	0.11	3.816	6.754
120 CATERPILLAR INC	Α	2.600	04/09/2030	90.725	110	1.28	3.999	6.817
190 3M CO	A+	3.050	04/15/2030	93.504	179	2.09	4.029	6.717
105 TJX COS INC NEW	Α	3.875	04/15/2030	97.511	103	1.21	4.253	6.513
10 YALE UNIV MTN BE	AAA	1.482	04/15/2030	84.954	9	0.10	3.724	7.155
50 NORTHERN TR CORP	Α	1.950	05/01/2030	85.150	43	0.50	4.193	7.045
80 UNITED STATES TREAS NTS	AA+	0.875	11/15/2030	84.637	68	0.79	2.959	7.944
72 SALESFORCE INC	A	1.950	07/15/2031	85.241	62	0.72	3.903	7.979
60 NEW YORK N Y CITY TRANSITIO	AA+	3.900	08/01/2031	97.612	60	0.70	4.219	6.358
80 UNITED STATES TREAS NTS	AA+	2.875	05/15/2032	99.172	80	0.03	2.972	8.512
70 TEXAS TRANSN COMMN ST HWY F		4.000	10/01/2033	99.172	70	0.93 0.82	4.087	8.605
	AAA							
17 GNMA 2013-105- A	AA+	1.705	02/16/2037	98.984	17	0.20	4.085	0.533

Town of Branford OPEB Trust Fixed Income Positions as of September 30, 2022

as of September 30, 2022								
Par (000) Issuer Name	Quality	Coupon	Maturity	Price	Mkt Val (000)	% Held (MV)	YTW	Effective Duration
3 GNMA POOL - 782371	AA+	5.000	08/15/2038	106.051	3	0.03	3.645	3.644
12 PFIZER INC	Α	4.100	09/15/2038	96.933	12	0.14	4.366	11.610
29 FHLMC GOLD POOL - Q09424	AA+	3.500	07/01/2042	98.513	28	0.33	3.761	4.953
45 NORTHERN STS PWR CO MINN	Α	3.600	09/15/2047	84.516	39	0.45	4.649	15.515
8,797	AA-	2.588	3.925	96.700	8,560	100.00	3.380	3.541

Town of Branford OPEB High Yield Positions As of September 30, 2022

		% of High
		Yield
Holding	Market Value	Portfolio
Cash & Cash Equivalents	\$0.47	0.00%
MainStay MacKay High Yield Corp Bd	1,927,488.45	100.00%
	\$1,927,488.92	100.00%

Historical Policy

7/1/2011	to	2/28/2013	40.00 12.00 15.00 7.00 6.00 5.00 5.00 5.00 3.00 2.00	Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) Russell 2000 MSCI Emerging Market (Net) S&P 400 Mid Cap Dow USA Real Estate Bloomberg Commodity Index Barclays Capital High Yield Very Liquid Citigroup Treasury Bill-3 Month
3/1/2013	to	8/31/2015	35.00 15.00 10.00 9.00 8.00 7.00 6.00 5.00 3.00 2.00	Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap Barclays Capital High Yield Very Liquid Russell 2000 MSCI Emerging Market (Net) Bloomberg Commodity Index Dow USA Real Estate Citigroup Treasury Bill-3 Month
9/1/2015	to	12/31/2018	35.00 15.00 10.00 9.00 8.00 7.00 6.00 5.00 3.00 2.00	Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap Barclays Capital High Yield Very Liquid Russell 2000 MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate Citigroup Treasury Bill-3 Month
1/1/2019) to	2/28/2019	36.00 14.50 12.50 8.50 8.00 5.50 5.50 5.25 3.25 1.00	Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) MSCI Emerging Market (Net) Barclays Capital High Yield Very Liquid S&P 400 Mid Cap Russell 2000 Alerian MLP Index Dow USA Real Estate Citigroup Treasury Bill-3 Month
3/1/2019) to	5/31/2019	35.00 15.00	Barclays Capital Int Govt/Credit S&P 500

			10.00 9.00 8.00 7.00 6.00 5.00 3.00 2.00	MSCI EAFE (Net) S&P 400 Mid Cap Barclays Capital High Yield Very Liquid Russell 2000 MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate Citigroup Treasury Bill-3 Month
6/1/2019	to	10/31/2019	35.00 15.00 10.00 9.00 8.00 7.00 6.00 5.00 3.00 2.00	Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap BofAML US High Yield Constrained Russell 2000 MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate Citigroup Treasury Bill-3 Month
11/1/2019	to	12/31/2020	27.10 24.00 11.70 8.10 6.90 6.20 5.40 4.70 3.40 2.50	Barclays Capital Int Govt/Credit Citigroup Treasury Bill-3 Month S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap BofAML US High Yield Constrained Russell 2000 MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate
1/1/2021	to	1/31/2021	42.50 19.30 8.80 6.20 5.90 4.80 4.60 3.80 2.40 1.70	Citigroup Treasury Bill-3 Month Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap Russell 2000 BofAML US High Yield Constrained MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate
2/1/2021	to	1/31/2022	42.50 19.30 8.80 6.20 5.90 4.80 4.60	Citigroup Treasury Bill-3 Month Barclays Capital Int Govt/Credit S&P 500 MSCI EAFE (Net) S&P 400 Mid Cap Russell 2000 BofAML US High Yield Constrained

	3.80 2.40 1.70	MSCI Emerging Market (Net) Alerian MLP Index Dow USA Real Estate Capped
2/1/2022 to Present	31.90	Citigroup Treasury Bill-3 Month
	24.40	Barclays Capital Int Govt/Credit
	10.70	S&P 500
	6.90	MSCI EAFE (Net)
	6.10	S&P 400 Mid Cap
	5.40	BofAML US High Yield Constrained
	4.50	Russell 2000
	4.20	MSCI Emerging Market (Net)
	3.60	Alerian MLP Index
	2.30	Dow USA Real Estate Capped

Definitions



Accrued – Usually associated with interest or income, as in accrued interest; interest owed by the issuer but not yet paid.

Allocation Effect – In attribution analysis, this examines the gain or loss achieved from over or under weighting a manager versus its targeted allocation.

Alpha – Value that is added by the manager, or the non-systematic return; the excess portfolio return compared to the risk-adjusted benchmark. A positive alpha implies the manager has added value to the return over that of the market.

Alpha-Jensen – A version of alpha that utilizes risk-adjusted manager returns in its calculation.

Attribution Analysis – A tool to separate and examine the different sources of gain or loss from an overall investment policy and targeted asset allocation.

Batting Average – Measure of a fund or manager's ability to beat the market consistently. It is calculated by dividing the number of quarters in which the fund or manager outperformed its benchmark by the number of quarters in the analysis.

Best Quarter – The largest single quarterly return which occurred during the specified time period.

Beta – Measures the systematic risk, or the return that is attributable to market movements. A beta equal to one indicates a risk level equivalent to the market. Higher betas are associated with higher risk levels.

Consumer Discretionary – Sector classification of companies that produce goods that are not necessities, like automobiles, high-end clothing, hotels, and restaurants.

Consumer Staples – Sector classification of companies that produce necessities like food/beverage and household products.

Correlation Coefficient – Statistical measure of the degree to which the movements of two variables are related. A correlation of 1.0 indicates a perfect positive correlation; 0.0 indicates a random relationship; -1.0 indicates perfect negative correlation.

Credit Risk – A measure of the default risk on amounts due from policyholder or creditors.

Current Yield – A bond's coupon rate divided by the bond's current price.

Dividend Yield – The current dividend per share of a stock divided by its current price per share.

Dollar/Money Weighted Rate of Return – Measure of portfolio returns that includes the impact from cash flows.

Down Market – A quarter in which the market return is negative.

Downside Deviation – Standard deviation of negative returns only.

Duration – A measure of a bond's price volatility relative to a change in the general level of interest rates, measured in years. In general, bonds with longer durations have greater sensitivity to interest rates and vice-versa.

Earnings Per Share (EPS) – The portion of a company's profit allocated to each outstanding share of common stock.

Earnings Per Share Growth Rate – The rate at which the earnings per share grows over various time periods.

Energy – Sector classification of companies that relate to producing or supplying energy.

Excess Return over Market/Risk – Annualized excess return achieved by the manager divided by annualized standard deviation. **Financials** – Sector classification of companies that provide banking, investment, and real estate services to commercial and retail customers.

Health Care – Sector classification of companies that provide health related services or products.

Information Ratio – Measures the consistency of out-performance. Excess return divided by Standard deviation of excess return. **Information Technology** – Sector classification of companies that are involved in the development, installation, and implementation of computer systems and applications.

Industrials – Sector classification of companies that manufacture or distribute goods.

Manager Effect – In attribution analysis, this examines the difference between a manager's returns versus his or her respective benchmark.

Definitions



A FOCUS FINANCIAL PARTNER

Materials – Sector classification of companies that are involved in the discovery, development, and processing of raw materials.

Maturity – Date when the principal or stated value of a fixed income security becomes due and payable in full to the bondholder.

Policy Allocation – Targeted allocation across various asset classes and/or managers.

Price to Book Ratio (P/B) – The current price of a stock divided by its book value per share.

Price to Earnings Ratio (P/E) – The current price of a stock divided by its earnings per share.

Quality Rating - Bond issuer's credit quality, or its ability to meet future contractual obligations. (Moody's and S&P's)

R-Squared – Measure of how closely related are the variance of a manager's returns to the variance of the benchmark's returns.

Range – The difference between the Best Quarter and the Worst Quarter returns.

Return on Equity (ROE) – Equity (net worth) at the beginning of an accounting period divided into net income for the period.

Return/Risk Comparison – Analysis that exhibits the rate of return in relation to the volatility of those returns as measured by the annualized standard deviation of quarterly returns.

Risk Free – The equivalent of an investment with little to no risk of market loss, typically defined as short term Treasury bills.

Sharpe Ratio – This measures excess return per unit of risk. A higher ratio means the manager is achieving higher return for the risk.

Sortino Ratio - Similar to Sharpe Ratio, this measures excess return per unit of downside risk.

Standard Deviation – A statistical measure of portfolio risk, it measures the volatility of a fund's returns compared to the average return of the fund. It reflects the average deviation of the observations from their sample mean.

Telecommunication Service – Sector classification of companies that provide communication technology related services or products.

Time-Weighted Rate of Return – Minimizes the impact of cash flows on rate of return calculations.

Total Return – For bonds, the sum of interest and principal payments as well as any reinvestment income received over a holding or measurement period, plus any capital gain or loss if the bond is sold at the end of the period.

Tracking Error – How closely a fund or manager's returns track the returns of a benchmark.; the annualized standard deviation of the differences between the fund or manager's return and the benchmark's return.

Transportation – Sector classification of companies that provide transportation related services or products.

Treynor Ratio – Risk is measured using Beta, which is an index dependent measure; relates the difference between the fund return and the risk-free rate to the fund beta for a given time period.

Universe – A broadly defined group of investment managers. For example, a group of equity investment managers.

Up Market – A guarter in which the market return is positive.

Upside Deviation – the standard deviation of positive returns only.

Upside/Downside – A graphical representation of up market and down market returns, measured as percentages versus benchmark. **Utilities** – Sector classification of companies that own or operate facilities used in the generation, transmission, or distribution of electric energy.

Worst Four Quarters – Smallest return experienced over any four consecutive quarters, may not correspond with calendar years.

Worst Quarter - The worst single quarterly return which occurred during the specified time period.

Yield - The return to a bondholder who holds a bond until it matures.

Yield to Maturity – Internal rate of return on a bond bought at the current price and held to maturity. This assumes that coupon income is reinvested at the yield to maturity.

Disclosures



DATA SOURCES: The information found in this document was derived from one or more of the following sources: InvestorForce, Morningstar, custodial account statements, money managers.

CONFLICTS OF INTEREST: To review information about certain potential conflicts of interest that may exist between GYL Financial Synergies, LLC and our clients, we refer you to GYL Financial Synergies, LLC's Form ADV, Part 2A ("Disclosure Document").

DISCLOSURE DOCUMENT: GYL Financial Synergies, LLC makes available to all clients, at no charge, a copy of its Disclosure Document (Part 2A of Form ADV). To receive a copy of this form, please contact us at (860) 206-7400.

STATEMENT OF OPINION: This and/or the accompanying information was prepared by or obtained from sources GYL Financial Synergies, LLC believes to be reliable but does not guarantee its accuracy. The report herein is not a complete analysis of every material fact in respect to any company, industry, or security. Any market prices are only indications of market values and are subject to change. The material has been prepared or is distributed solely for information purposes and is not a solicitation or an offer to buy any security or instrument or to participate in any trading strategy. Additional information is available upon request.

REPORTS: This report is not the official record of your account. However, it has been prepared to assist you with your investment planning and is for information purposes only. Your custodial statement is the official record of your account. Therefore, if there are any discrepancies between this report and your custodial statement, you should rely on the custodial statement. Cost data and acquisition dates provided by you are not verified by GYL Financial Synergies, LLC. Transactions requiring tax consideration should be reviewed carefully with your accountant or tax advisor. Unless otherwise indicated, market prices/values are the most recent closing prices available at the time of this report, and are subject to change. Prices may not reflect the value at which securities could be sold. Past performance does not guarantee future results. This report may include assets that you currently hold away from our firm; these assets may not be covered by SIPC. If included, information on assets held away from your primary custodian was provided by you or a third party; while we believe this information to be reliable, its accuracy and completeness are not guaranteed.

PAST PERFORMANCE: Except where specifically indicated that the performance is presented gross of fees, performance has been shown net of all management and advisory fees that would be charged by GYL Financial Synergies LLC. Where gross of fee performance presented for the client's portfolio managed by a third party manager, the client's return will be further reduced by the advisory and other expenses incurred in the management of the account by such third party manager. Such fees are in addition to any fees charged by GYL Financial Synergies and will vary depending on the third party manager. The investment advisory fees charged by GYL Financial Synergies LLC are described in Part 2A of Form ADV. Past performance is not a guarantee of future results.

INDEXES: The indices included in this report are presented to provide you with an understanding of their historic long-term performance and are not presented to illustrate the performance of any security. Investors cannot directly purchase any index.

Disclosures



ASSET CLASS SUITABILITY: Stocks offer long-term growth potential but may fluctuate more and provide less current income than other investments. The prices of small companies are typically more volatile than the stocks of larger companies. Investing in foreign securities presents certain risks not associated with domestic investments such as currency fluctuation, political and economic instability, and different accounting standards. This may result in greater share price volatility. There are special risks associated with an investment in real estate, including credit risk, interest rate fluctuations and the impact of varied economic conditions.

The yields and market value of fixed income investments will fluctuate so that your investment, if sold, may be worth more or less than the original cost. Bond prices fluctuate inversely to changes in interest rates. Therefor a rise in interest rates can result in the decline of the value of your investment. High yield bonds, commonly known as junk bonds, are subject to greater risk of loss of principal and interest, including default risk, than higher rated bonds. The prices of these bonds may be volatile.

Alternative investments are complex investment vehicles which generally have high costs and substantial risks. The high expenses often associated with these investments must be offset by trading profits and other income. They tend to be more volatile than other types of investments and present an increased risk of investment loss. There may also be a lack of transparency as to the underlying assets. Alternative investments are subject to fewer regulatory requirements than mutual funds and other registered investment company products and thus may offer investors fewer legal protections than they would have with more traditional investments. Additionally, there may be no secondary market for alternative investment interests and transferability may be limited or even prohibited. Other risks may apply as well, depending on the specific investment product.

CAR20201028IFDBREPORT

GYL FINANCIAL® SYNERGIES

A FOCUS FINANCIAL PARTNER