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**2Q21 Performance Review** 

This presentation has been prepared specifically for the Town of Branford for use at a meeting August 30, 2021.

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### **Performance Summary**

#### Index Performance as of: 6/30/2021

	<u>3 Month</u>	<u>YTD</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u> 10 Year</u>		<u>3 Month</u>	<u>YTD</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>10 Year</u>
Duranell													
Russell	5.4.6	47.67	45 40	40.00			Other U.S. Equity	- 00	40.70	26.24	45.00	16.66	10 50
3000 Value	5.16	17.67	45.40	12.23	11.99	11.54	Dow Jones Industrial Avg.	5.08	13.79	36.34	15.02	16.66	13.50
3000	8.24	15.11	44.16	18.73	17.89	14.70	Wilshire 5000 (Full Cap)	8.43	15.12	44.82	18.84	18.01	14.64
3000 Growth	11.38	12.71	42.99	24.47	23.31	17.54							
1000 Value	5.21	17.05	43.68	12.42	11.87	11.61	International Equity - Broad N						
1000	8.54	14.95	43.07	19.16	17.99	14.90	MSCI EAFE	5.17	8.83	32.35	8.27	10.28	5.89
1000 Growth	11.93	12.99	42.50	25.14	23.66	17.87	MSCI EM	5.05	7.45	40.90	11.27	13.03	4.28
Mid Cap Value	5.66	19.45	53.06	11.86	11.79	11.75	MSCI Frontier Markets	14.10	15.01	38.50	8.88	9.37	5.34
Mid Cap	7.50	16.25	49.80	16.45	15.62	13.24	MSCI ACWI	7.39	12.30	39.26	14.57	14.61	9.90
Mid Cap Growth	11.07	10.44	43.77	22.39	20.52	15.13	MSCI ACWI Ex USA	5.48	9.16	35.72	9.38	11.08	5.45
2000 Value	4.56	26.69	73.28	10.27	13.62	10.85	MSCI AC Asia Ex Japan	3.60	6.40	39.64	12.22	14.50	7.04
2000	4.29	17.54	62.03	13.52	16.47	12.34							
2000 Growth	3.92	8.98	51.36	15.94	18.76	13.52	International Equity - Country	Y					
							MSCI Brazil	22.91	10.65	46.55	10.84	9.69	-2.43
Standard & Poors							MSCI BRIC	5.40	5.30	34.00	11.37	14.92	4.18
S&P 500	8.55	15.25	40.79	18.67	17.65	14.84	MSCI China	2.27	1.83	27.39	10.36	16.59	7.71
Consumer Disc	6.95	10.27	37.08	19.36	19.69	17.89	MSCI Europe	7.42	11.80	35.09	8.66	10.34	5.58
Consumer Staples	3.83	5.02	23.29	14.14	8.04	11.49	MSCI India	6.91	12.38	56.36	11.87	11.86	5.53
Energy	11.30	45.64	49.38	-6.09	-0.80	-0.02	MSCI Japan	-0.28	1.28	24.84	7.24	10.19	7.15
Financials	8.36	25.69	61.77	13.97	17.05	13.71	MSCI EM Latin America	15.01	8.89	44.92	5.05	5.89	-2.45
Health Care	8.40	11.85	27.92	17.03	14.06	15.67	MSCI Russia	14.03	19.65	38.64	15.28	16.31	1.88
Industrials	4.48	16.40	51.45	15.02	14.40	12.80							
Information Technology	11.56	13.76	42.40	30.31	31.21	21.99							
Materials	4.97	14.50	48.51	14.87	14.59	10.09							
Real Estate	13.09	23.30	31.88	14.71	9.56	11.06							
Telecom Services	10.72	19.67	48.38	23.27	10.89	11.30							
Utilities	-0.41	2.38	15.77	10.49	7.41	10.56							

Source: Morningstar

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	<u>3 Month</u>	<u>YTD</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u> 10 Year</u>		<u>3 Month</u>	<u>YTD</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u> 10 Year</u>
Fixed Income							Fixed Income-Tax Exempt						
Barclays U.S. Aggregate	1.83	-1.60	-0.33	5.34	3.03	3.39	Barclays Municipal	1.42	1.06	4.17	5.10	3.25	4.28
Barclays US Aggregate 1-3 Yr	0.05	-0.02	0.36	2.87	1.83	1.49	Barclays Municipal 3 Yr	0.27	0.41	1.46	2.68	1.79	1.73
Barclays US Aggregate 3-5 Yr	0.16	-0.79	-0.07	4.28	2.45	2.55	Barclays Municipal 5 Yr	0.48	0.17	2.24	3.75	2.38	2.71
Barclays US Aggregate 5-7 Yr	1.12	-1.85	-0.51	5.10	2.86	3.13	Barclays Municipal 7 Yr	0.72	0.18	2.95	4.63	2.85	3.59
BofAML 3-Month T-Bill	0.00	0.02	0.09	1.34	1.17	0.63	Barclays HY Muni	3.93	6.13	14.34	7.58	6.19	6.98
Barclays U.S. Gov't	1.71	-2.51	-3.10	4.66	2.19	2.78							
Barclays U.S. Credit	3.32	-1.28	2.99	7.42	4.63	4.92	Alternative Investments						
Barclays High Yield Corp.	2.74	3.62	15.37	7.45	7.48	6.66	Alerian MLP	21.23	47.84	63.98	-0.33	-1.05	1.07
Barclays TIPS	3.25	1.73	6.51	6.53	4.17	3.40	Bloomberg Commodity	13.30	21.15	45.61	3.90	2.40	-4.44
Barclays Global Aggregate	0.92	-4.42	4.60	3.12	1.63	0.99	FTSE NAREIT Equity REIT	12.02	21.96	38.02	10.10	6.31	9.41
Barclays Gbl Agg Ex USD	1.31	-3.21	2.63	4.23	2.34	2.05	S&P Global Natural Res.	7.28	19.94	49.35	6.07	11.42	2.25
JPM EMBI Global Div	3.93	-1.00	6.81	6.48	4.44	5.34	S&P N. Amer Natural Res.	11.12	32.73	45.92	-1.77	2.03	-0.58



### **Performance drivers**

#### 1. Developed economies continue to re-open, driving a surge in activity

- Vaccines have been rolled out at a tremendous pace in the US and UK, while the EU and Japan have seen an improving pace of vaccinations. This has allowed broad re-openings to begin in much of the developed world, driving a mini-boom of activity as pent up demand is released, benefiting both service sector and manufacturing firms. Less vaccinated developing countries across Asia Pacific saw some restrictions returning, although the impact on global growth was limited.
- Forward looking indicators such as manufacturing PMIs suggest that the expansion is likely to continue. While the US and UK are expected to reach peak growth rates this summer, the Eurozone still has room to accelerate. However, the labor market is tightening, particularly in the US, which could become a headwind moving forward.
- **GYL View:** Economic re-openings in the developed world are likely to drive strong earnings growth over the next couple of years, which should benefit equities. While equity valuations appear stretched, we believe we are in the early stages of a strong recovery, which should benefit stocks and other risk assets.

#### 2. Elevated inflation readings bring the future of accommodative policies into question

- During Q2, inflation readings came in above already elevated expectations driven by base effects, supply chain pressure and a tightening labor market.
- Monetary policy remains quite dovish in most developed countries, with little change in policy among the major central banks. The Fed stressed that it viewed elevated inflation readings in the US as transitory. However, the Fed's June dot plot suggested a slightly less dovish stance, projecting two rate increases in 2023.
- Fiscal support is slowing, but it is not going away. Pandemic related fiscal programs, such as enhanced unemployment benefits, are set to be phased out. We are likely to see infrastructure programs moving forward, with a bipartisan group of US senators agreeing to a \$1.2T package, although the spending would be spread out over several years.
- **GYL View:** Inflation is likely to remain elevated this year as year-over-year figures are compared to depressed levels in 2020. We expect inflation to settle around the Fed's target over the next year, but the risk of an inflation surprise has risen. The Fed is unlikely to raise rates in the near-term, but it could begin to taper its asset purchases.

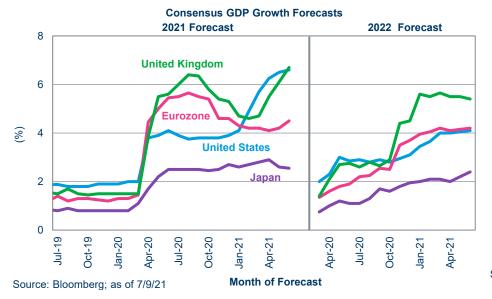
#### 3. Political risks remain

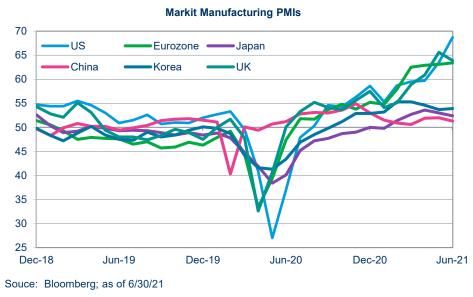
- Relations between the US and China remain strained over territorial sovereignty issues and the origins of Covid-19.
- Cyberattacks are becoming more ambitious, including the temporary shut down of a major US pipeline operator in Q2.
- **GYL View:** Political risks do not currently appear as prevalent as they were in 2020, although unexpected developments could lead to volatility and downside risk.



### **Economic fundamentals Developed economies are re-opening**

- Re-openings in the developed world are unleashing a ٠ mini-boom of activity and have broadened the recovery to include service sector firms. Corporate earnings continue to surprise on the upside, and manufacturing PMIs suggest that the expansion is likely to continue in the second half of the year.
- Monetary policy remains extremely accommodative in • most developed countries. In the US, a bipartisan group of senators have reached agreement on a \$1.2T infrastructure plan.
- The US unemployment rate  $(U-3)^1$  has fallen to 5.8% • after peaking at 14.7% in April 2020. However, the labor force participation rate has declined and the economy is experiencing labor supply issues.



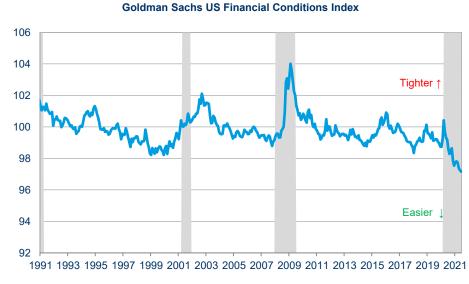




<sup>1</sup> The U-3 unemployment rate represents the percentage of the civilian labor force that is jobless and actively seeking employment.

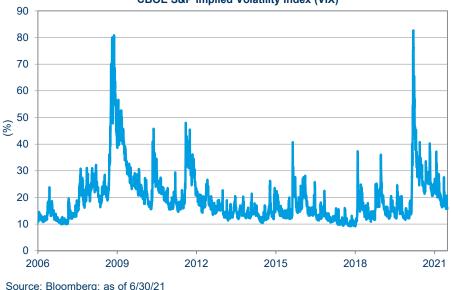
### **Risk factors US inflation data surprised to the upside**

- Financial conditions became slightly easier in Q2 as rates and spreads declined. The Goldman Sachs US Financial Conditions Index is at its lowest level on record.
- The VIX index declined from 20 to 16 during the quarter. The index briefly spiked as high as 27 in May, but generally remained below 20 during a relatively calm quarter<sup>1</sup>.
- US inflation surprised to the upside during the quarter, with the June year-over-year increase in the CPI and core CPI at 5.4% and 4.5%, respectively. The Fed views current inflationary pressures as transitory, reflecting base effects and temporary supply bottlenecks.



Source: Bloomberg; as of 6/30/21

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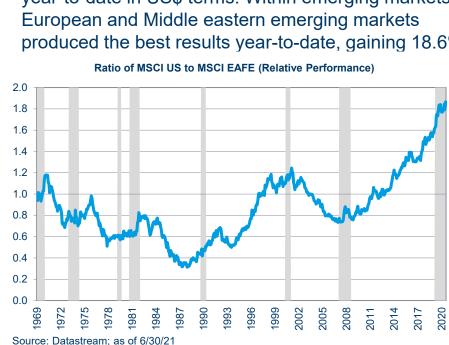


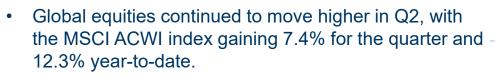
Inflation Rolling 12-months



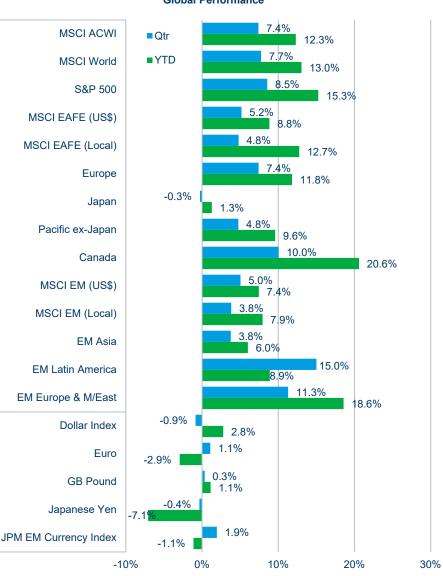
CBOE S&P Implied Volatility Index (VIX)

### **Regional equity returns Global equities continue to move higher**





- The S&P 500 returned 8.5% during the guarter, • outpacing most other regions. Year-to-date, the S&P 500 has returned 15.3%.
- International developed stocks rose 5.2% in Q2 and • 8.8% year-to-date. A weaker dollar added 40 bps to US\$ returns during the guarter.
- Emerging market equities rose 5.0% in Q2 and 7.4% • year-to-date in US\$ terms. Within emerging markets, produced the best results year-to-date, gaining 18.6%.



Source: Bloomberg, Datastream; as of 6/30/21

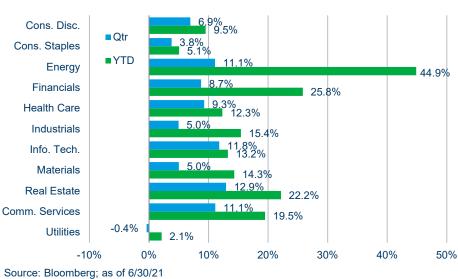
Equities

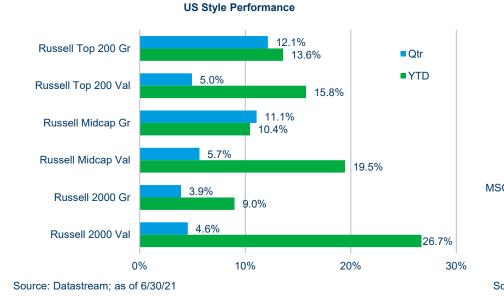
Currencies

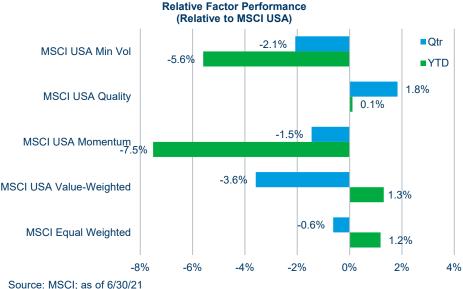
**Global Performance** 

### **US equity factor and sector returns** Large-caps and growth outperform

- Growth outperformed value among large and mid-caps, while value outperformed among small-cap stocks.
   Small-caps underperformed large-caps during the quarter. Year-to-date, value has outperformed growth.
- The quality factor outperformed in Q2, while value, momentum and size lagged. Momentum has been the worst performing factor in 2021, while value and size have outperformed. The real estate, technology, energy, and communication services sectors posted the best results for the quarter. Energy has been the best performing sector so far in 2021, while the utilities sector has lagged.





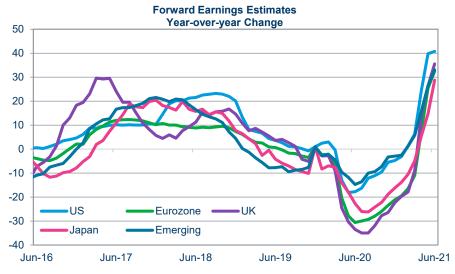


#### MSCI USA Sector Returns

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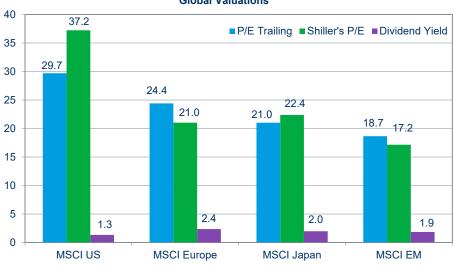
### **Equity fundamentals Improved earnings benefit valuations**

- Improved earnings helped to bring down some • valuation ratios during the guarter. The trailing P/E ratio on the MSCLUS Index fell from 34.0 to 29.7<sup>1</sup> We estimate that the equity risk premium over long-term Treasuries rose by 14 bps to 2.6%<sup>2</sup> due to the decline in interest rates.
- International developed stocks remain more reasonably ٠ valued than US stocks, with the potential for macro surprises as vaccination rates increase and economies re-open in these regions.
- Emerging market valuations remain more attractive • than developed markets. However, recent credit tightening and regulatory enforcement in China could provide a headwind given China's weight in the index.



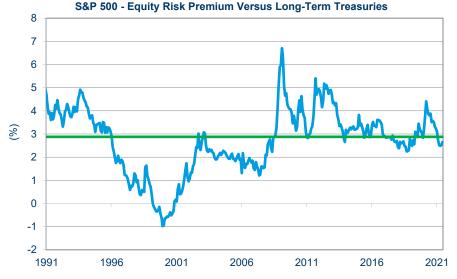
Source: Datastream; as of 6/30/21

<sup>2</sup> Source: MSCI, Datastream, Mercer; as of 6/30/21



**Global Valuations** 

Source: Bloomberg, Datastream, Mercer; as of 6/30/21



Source: Bloomberg, Datastream, Mercer; as of 6/30/21

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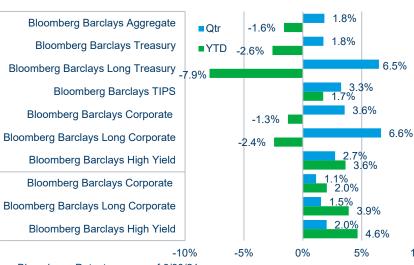
<sup>&</sup>lt;sup>1</sup> Source: Datastream; as of 6/30/21

### **Interest rates and fixed income Yields and spreads decline**

- The Bloomberg Barclays Aggregate gained 1.8% during Q2 with corporate bonds outperforming Treasuries as credit spreads declined. The yield curve flattened during the quarter, with 3-month yields rising 2 bps, while 10- and 30-year yields fell by 29 bps and 35 bps, respectively<sup>1</sup>.
- Investment-grade corporate bond spreads fell an average of 10 bps during the quarter to 0.8%, which is roughly 30 bps below the long-term median level<sup>2</sup>.
- High yield bonds gained 2.7% during the quarter, as credit spreads fell by 40 bps to 2.7%, almost 200 basis points below the long-term median level of 4.6%<sup>3</sup>. Local currency EMD gained 3.5% during Q2.



- <sup>1</sup> Source: Federal Reserve; as of 6/30/21
- <sup>2</sup> Source: Bloomberg, Mercer; as of 6/30/21
- <sup>3</sup> Source: Bloomberg, Mercer; as of 6/30/21

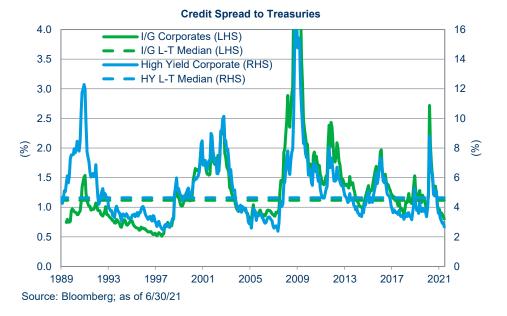


#### **Fixed Income Performance**

Source: Bloomberg, Datastream; as of 6/30/21

**Fotal Return** 

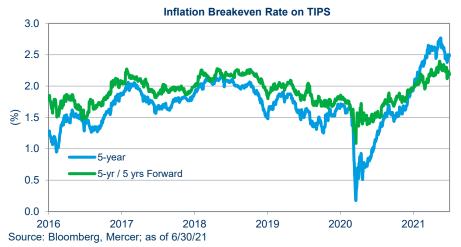
Duration Adj. Excess Ret.



10%

### **Monetary policy Monetary policy remains highly accommodative**

- The Fed held rates unchanged and maintained its bond buying program during the quarter, although the most recent FOMC minutes and dot plot suggest a less dovish Fed. The dot plot now projects two rate increases in 2023, and the tapering of asset purchases is expected to be discussed in upcoming meetings.
- Despite the increase in CPI, US inflation breakeven rates fell during the quarter, with 10-year inflation breakeven rates slipping from 2.37% to 2.34%, remaining near the Fed's target of 2% PCE (roughly 2.5% CPI)<sup>1</sup>.
- Overseas, the European Central Bank kept rates unchanged, maintained the size of its bond buying program, and adjusted its inflation targeting framework. The Bank of England and the Bank of Japan made no changes to monetary policy during Q2.



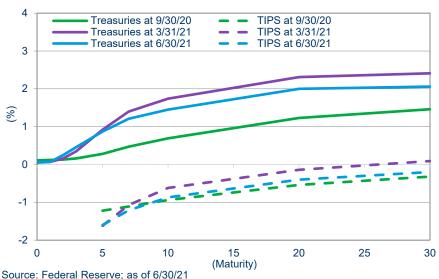
<sup>1</sup> Source: St. Louis Fed; as of 6/30/21

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#### Federal Reserve Balance Sheet

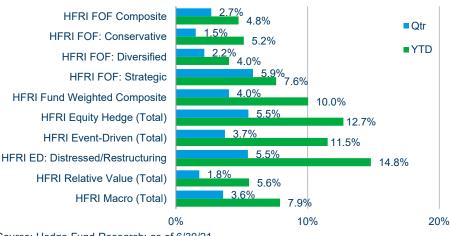


**Treasury Yield Curve** 

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### **Alternative investment performance** MLPs, commodities, natural resources and REITs outperform

- REITs outperformed the broader market in Q2 and year-to-date. REITs have benefited from a faster than expected pace of vaccinations, which has allowed some developed economies to reduce restrictions.
- Master Limited Partnerships (MLPs), natural resource stocks, and commodities all posted strong gains during Q2 as oil gained 24.2%<sup>1</sup> amid economic re-openings and higher inflation expectations. Infrastructure stocks generally lagged.
- Hedge funds returned 2.7% in Q2<sup>2</sup>. Equity hedge and distressed/restructuring strategies performed well during the quarter, while relative value strategies lagged.
- Global private equity outperformed global developed stocks over the most recent trailing periods<sup>3</sup>.



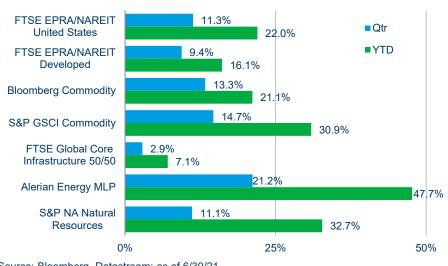
#### Hedge Fund Performance

Source: Hedge Fund Research; as of 6/30/21

<sup>1</sup> Source: Bloomberg; as of 6/30/21

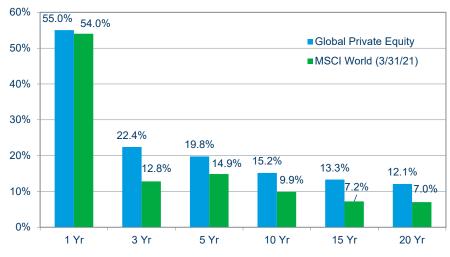
<sup>2</sup> Source: Hedge Fund Research; as of 6/30/21

<sup>3</sup> Source: Burgiss, Bloomberg; as of 3/31/21



#### Real Asset Performance

Source: Bloomberg, Datastream; as of 6/30/21



#### Global Private Equity vs. Global Public Equities

Source: Burgiss, Bloomberg; as of 3/31/21



### Valuations and yields Ending June 30, 2021

Valuations					Yields				
MSCI USA	6/30/2021	3/31/2021	12/31/2020	9/30/2020	Global Bonds	6/30/2021	3/31/2021	12/31/2020	9/30/2020
Index Level	18960.7	17411.2	16506.0	14587.9	Germany – 10Y	-0.21	-0.29	-0.57	-0.52
P/E Ratio (Trailing)	29.7	34.0	32.2	28.4	France - 10Y	0.13	-0.05	-0.34	-0.24
CAPE Ratio	37.2	34.3	32.7	30.0	UK - 10Y	0.72	0.85	0.20	0.23
Dividend Yield	1.3	1.4	1.5	1.6	Sw itzerland – 10Y	-0.22	-0.28	-0.55	-0.49
P/B	4.8	4.6	4.4	4.0	ltaly – 10Y	0.82	0.67	0.54	0.87
P/CF	20.1	19.6	16.9	14.4	Spain 10Y	0.41	0.34	0.05	0.25
MSCI EAFE	6/30/2021	3/31/2021	12/31/2020	9/30/2020	Japan – 10Y	0.06	0.10	0.02	0.02
Index Level	7527.2	7157.1	6916.5	5960.1	Euro Corporate	0.33	0.36	0.24	0.55
P/E Ratio (Trailing)	24.1	25.2	23.1	20.2	Euro High Yield	2.97	3.22	3.40	4.80
CAPE Ratio	19.2	18.6	18.0	15.4	EMD (\$)	4.89	5.26	4.53	5.14
Dividend Yield	2.3	2.3	2.4	2.7	EMD (LCL)	4.98	4.99	4.22	4.48
P/B	1.9	1.9	1.8	1.6	US Bonds	6/30/2021	3/31/2021	12/31/2020	9/30/2020
P/CF	6.5	6.5	7.3	6.7	3-Month T-Bill	0.05	0.03	0.09	0.10
MSCI EM	6/30/2021	3/31/2021	12/31/2020	9/30/2020	10Y Treasury	1.45	1.74	0.93	0.69
Index Level	670.6	638.4	624.1	521.4	30Y Treasury	2.06	2.41	1.65	1.46
P/E Ratio (Trailing)	18.7	21.5	21.7	18.6	10Y TIPS	-0.87	-0.63	-1.06	-0.94
CAPE Ratio	17.2	16.4	15.9	13.4	30Y TIPS	-0.20	0.11	-0.37	-0.32
Dividend Yield	1.9	1.9	2.0	2.4	US Aggregate	1.50	1.61	1.12	1.18
P/B	2.1	2.1	2.0	1.8	US Treasury	0.95	1.00	0.57	0.48
P/CF	9.1	11.9	12.5	10.4	US Corporate	2.04	2.28	1.74	2.01
Source: Bloomberg, Thomson Reuters D	Datastream				US Corporate High Yield	3.75	4.23	4.18	5.77

Source: Bloomberg, Thomson Reuters Datastream



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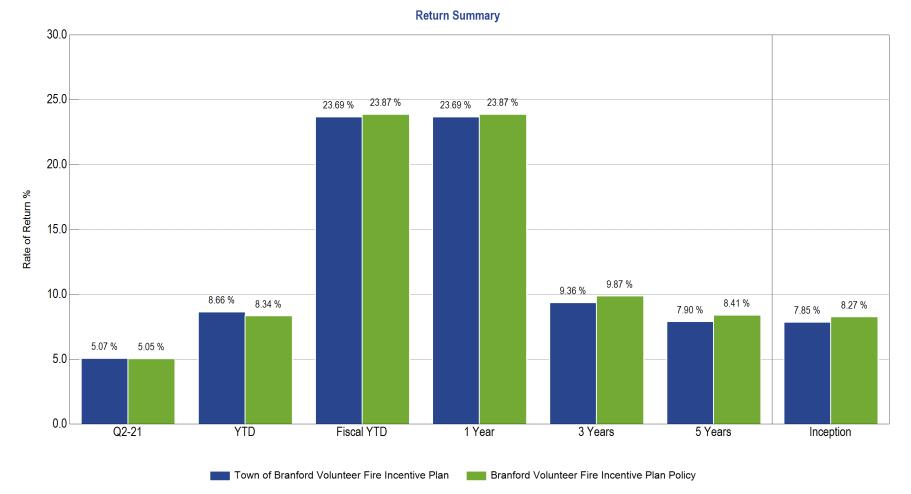
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As of June 30, 2021



Performance Summary

For the purposes of investment comparison, the Branford Volunteer Fire Incentive Plan 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 27.

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 15.

#### Investment Performance Analysis

Composite Performance (Gross)

As of June 30, 2021

					E	Ending Ju	une 30, 20	)21		
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	Inception (%)	Inception Date
Town of Branford Volunteer Fire Incentive Plan	1,492,691	100.00	5.07	8.66	23.69	23.69	9.36	7.90	7.85	Dec-15
Branford Volunteer Fire Incentive Plan Policy			5.05	8.34	23.87	23.87	9.87	8.41	8.27	Dec-15
Equity	845,115	56.62	7.66	16.55	45.24	45.24	12.63	12.60	11.47	Dec-15
Equity Custom Benchmark			7.67	16.16	44.15	44.15	12.60	12.75	11.87	Dec-15
Fixed Income	499,033	33.43	1.77	-1.64	-0.54	-0.54	5.27	2.94	3.33	Dec-15
BBgBarc US Aggregate TR			1.83	-1.60	-0.33	-0.33	5.34	3.03	3.60	Dec-15
High Yield	109,938	7.37	2.73	3.41	14.09	14.09	6.89	6.35	6.32	Dec-15
High Yield Bond Blended Benchmark			2.77	3.70	15.60	15.60	7.31	7.11	7.43	Dec-15
Cash Alternatives	38,606	2.59	0.00	0.01	0.02	0.02	1.25	1.11	1.03	Dec-15
FTSE T-Bill 3 Months TR			0.01	0.03	0.08	0.08	1.31	1.14	1.04	Dec-15

#### **Composite Performance (Net)**

		Ending June 30, 2021								
	Market Value (\$)	% of Portfolio	3 Mo (%)	YTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	Inception (%)	Inception Date
Town of Branford Volunteer Fire Incentive Plan	1,492,691	100.00	5.01	8.53	23.41	23.41	9.07	7.56	7.52	Dec-15
Branford Volunteer Fire Incentive Plan Policy			5.05	8.34	23.87	23.87	9.87	8.41	8.27	Dec-15

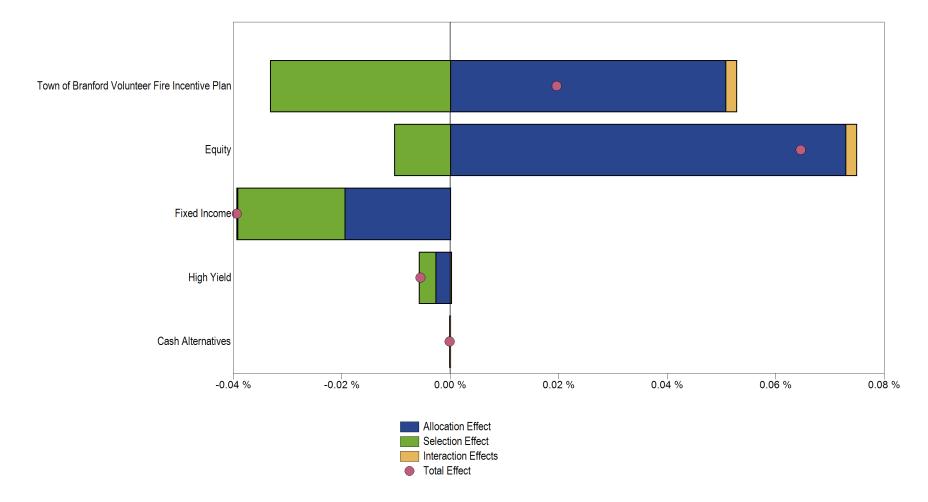
Returns for the Town of Branford Volunteer Fire Incentive Plan(as shown above) are gross of advisory fees. Although our advisory fee is not reflected in the returns reference above, it is important to note that the return streams for registered mutual funds are net of the internal expenses of the Funds.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

Investment Performance Analysis

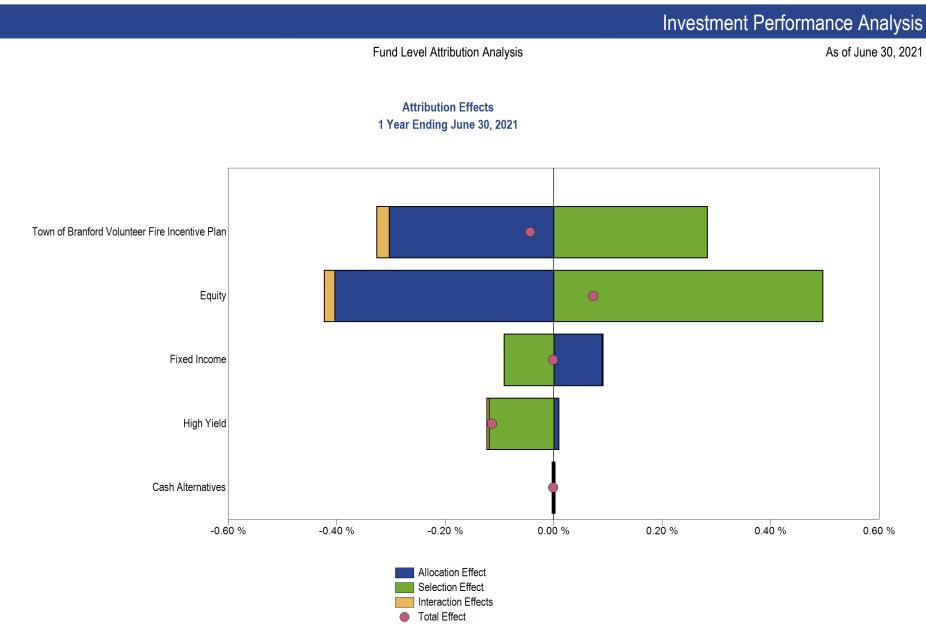
As of June 30, 2021

Fund Level Attribution Analysis

#### Attribution Effects 3 Months Ending June 30, 2021



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



#### Investment Performance Analysis

As of June 30, 2021

	Performance Attribu Quarter Ending June 30					
	Last 3 Mo.	YTD	Fiscal YTD	1 Yr	3 Yrs	5 Yrs
Wtd. Actual Return	5.07%	8.68%	11.33%	23.83%	9.46%	8.02%
Wtd. Index Return *	5.05%	8.34%	11.83%	23.87%	9.87%	8.37%
Excess Return	0.02%	0.33%	-0.49%	-0.04%	-0.41%	-0.35%
Selection Effect	-0.03%	0.17%	-0.16%	0.28%	-0.06%	-0.18%
Allocation Effect	0.05%	0.16%	-0.39%	-0.30%	-0.38%	-0.17%
Interaction Effect	0.00%	0.00%	0.05%	-0.02%	0.03%	0.01%

\*Calculated from benchmark returns and weightings of each component.

		Attributio	n Summary				
		3 Months Endi	ng June 30, 2021				
	Wtd. Actual	Wtd. Index	Excess	Selection	Allocation	Interaction	Total
	Return	Return	Return	Effect	Effect	Effects	Effects
Equity	7.66%	7.67%	-0.02%	-0.01%	0.07%	0.00%	0.06%
Fixed Income	1.77%	1.83%	-0.06%	-0.02%	-0.02%	0.00%	-0.04%
High Yield	2.73%	2.77%	-0.04%	0.00%	0.00%	0.00%	-0.01%
Cash Alternatives	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	5.07%	5.05%	0.02%	-0.03%	0.05%	0.00%	0.02%

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

#### Investment Performance Analysis

As of June 30, 2021

#### \$1.6 \$1.56 \$1.53 \$1.5 \$1.4 \$1.3 \$1.2 \$1.1 \$1.0 \$0.9 Beginning: November 30, 2015 \$0.8 2016 -2015-2017-2018 2019 2020 Year Town of Branford Volunteer Fire Incentive Plan Branford Volunteer Fire Incentive Plan Policy

Growth of a Dollar

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

R	ISK RETURN STATISTICS	
	Town of Branford Volunteer Fire Incentive Plan	Branford Volunteer Fire Incentive Plan Policy
RETURN SUMMARY STATISTICS		-
Number of Periods	67	67
Maximum Return	7.60	8.79
Minimum Return	-10.48	-11.29
Annualized Return	7.85	8.27
Total Return	52.52	55.83
Annualized Excess Return Over Risk Free	6.81	7.23
Annualized Excess Return	-0.42	0.00
RISK SUMMARY STATISTICS		
Beta	0.91	1.00
Upside Deviation	5.44	6.23
Downside Deviation	8.94	9.52
RISK/RETURN SUMMARY STATISTICS		
Annualized Standard Deviation	8.68	9.43
Alpha	0.02	0.00
Sharpe Ratio	0.78	0.77
Excess Return Over Market / Risk	-0.05	0.00
Tracking Error	1.24	0.00
Information Ratio	-0.33	

### CORRELATION STATISTICS R-Squared 0.99 1.00 Correlation 0.99 1.00

#### **Summary of Cash Flows**

Total Plan Information

	Last Three Months	Year-To-Date Fig	scal Year-To-Date	One Year	Three Years	Five Years	Inception 12/1/15
Beginning Market Value	\$1,430,165	\$1,393,074	\$1,157,837	\$1,157,837	\$1,011,045	\$826,379	\$55,973
Contributions	\$25,543	\$104,076	\$275,982	\$275,982	\$694,236	\$1,246,626	\$2,810,918
Withdrawals	-\$35,299	-\$124,087	-\$228,634	-\$228,634	-\$559,549	-\$1,032,688	-\$1,856,761
Net Cash Flow	-\$9,757	-\$20,011	\$47,347	\$47,347	\$134,687	\$213,939	\$954,156
Net Investment Change	\$72,282	\$119,628	\$287,506	\$287,506	\$346,959	\$452,373	\$482,561
Ending Market Value	\$1,492,691	\$1,492,691	\$1,492,691	\$1,492,691	\$1,492,691	\$1,492,691	\$1,492,691

								Investme	ent Perfo	ormance Ana	alysis
				As	sset Allocation vs. Target	Policy				As of June 3	
Policy		Current			ļ	Asset Allocati As Of Jun		get			
					Policy Range	Policy	%	Current	%	Difference*	%
				US Equity	30.0% - 60.0%	\$820,980	55.0%	\$845,115	56.6%	\$24,135	1.6%
				US Fixed Income	40.0% - 65.0%	\$634,393	42.5%	\$608,970	40.8%	-\$25,423	-1.7%
				Cash	0.0% - 10.0%	\$37,317	2.5%	\$38,606	2.6%	\$1,288	0.1%
				Total		\$1,492,691	100.0%	\$1,492,691	100.0%		
				*Difference between Policy an	d Current Allocation						
	55.0%		56.6%								
	42.5%										
	42.5%		40.8%								

2.5%

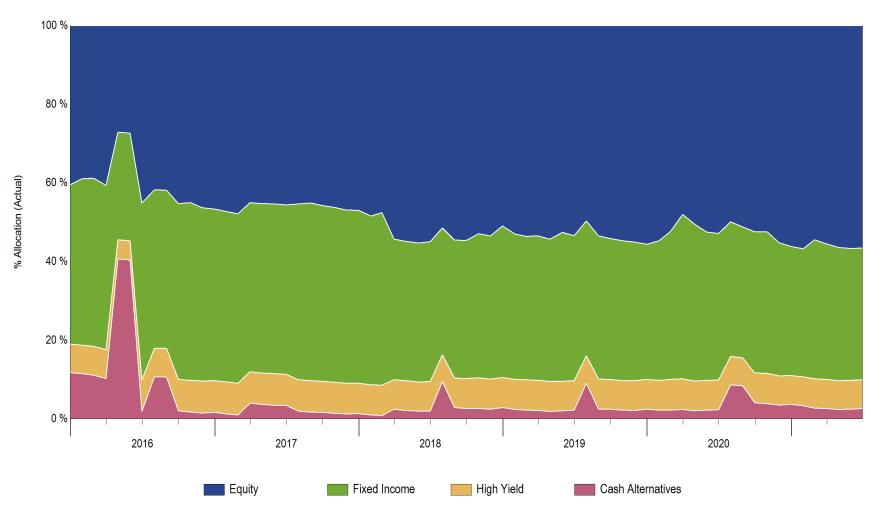
2.6%

Investment Performance Analysis

As of June 30, 2021

#### Asset Allocation History

#### Asset Allocation History 5 Years 6 Months Ending June 30, 2021



### **Investment Analysis**

Total Plan

#### Investment Performance Analysis

As of June 30, 2021

	Account Type	Benchmark	Universe	Market Value	Allocation	Inception
Alerian MLP	Equity	Alerian MLP Index		\$81,486	5.5%	12/1/2015
Cash Alternatives	Cash	FTSE T-Bill 3 Months TR		\$38,606	2.6%	12/1/2015
Fixed Income	US Fixed Income Investment Grade	BBgBarc US Aggregate TR	Intermediate Core Bond MStar MF	\$499,033	33.4%	12/1/2015
High Yield	US Fixed Income High Yield	High Yield Bond Blended Benchmark	High Yield Bond MStar MF	\$109,938	7.4%	12/1/2015
iShares Dow Jones US Real Estate	Equity	Dow USA Real Estate	Real Estate MStar MF	\$52,091	3.5%	12/1/2015
iShares MSCI EAFE	Equity	MSCI EAFE	Foreign Large Blend MStar MF	\$185,999	12.5%	12/1/2015
iShares MSCI Emerging Mkts	Equity	MSCI Emerging Markets	Diversified Emerging Mkts MStar MF	\$129,272	8.7%	12/1/2015
iShares Russell 2000	Equity	Russell 2000	Small Blend MStar MF	\$83,491	5.6%	12/1/2015
iShares S&P 500	Equity	S&P 500	Large Blend MStar MF	\$227,858	15.3%	12/1/2015
iShares S&P MidCap 400	Equity	S&P 400 MidCap	Mid-Cap Blend MStar MF	\$84,919	5.7%	12/1/2015
Total		Branford Volunteer Fire Incentive Plan Policy		\$1,492,691	100.0%	12/1/2015

#### Manager Roster As of June 30, 2021

#### Town of Branford Volunteer Fire Incentive Plan Equity Positions As of June 30, 2021

		% of Equity
Holding	Market Value	Portfolio
Cash & Cash Equivalents	\$38,605.53	4.37%
ISHARES S&P 500	\$227,857.60	25.78%
ISHARES S&P MIDCAP 400	\$84,918.68	9.61%
ISHARES Russell 2000	\$83,490.68	9.45%
ISHARES MSCI Emerging Markets	\$129,271.60	14.63%
ISHARES Dow Jones US Real Estate	\$52,091.34	5.89%
ISHARES MSCI EAFE Index Fund	\$185,999.04	21.05%
Alerian MLP	\$81,485.58	9.22%
	\$883,720.05	100.00%

#### Town of Branford Volunteer Fire Incentive Plan Fixed Income Positions As of June 30, 2021

% of Fixed

		Income
Holding	Market Value	Portfolio
ISHARES Core US Aggregate Bond	\$499,032.91	100.00%
	\$499,032.91	100.00%

#### Town of Branford Volunteer Fire Incentive Plan High Yield Positions As of June 30, 2021

		% of High
		Yield
Holding	Market Value	Portfolio
MainStay MacKay High Yield Corp Bd	\$109,937.54	100.00%
	\$109,937.54	100.00%

### Historical Policy

12/1/2015 to 3/31	/2018	44.90	Barclays Aggregate
		14.10	S&P 500
		8.00	Barclays High Yield Very Liquid
		7.00	Russell 2000
		6.00	MSCI Emerging Market (Net)
		5.00	S&P 400 Mid Cap
		5.00	MSCI EAFE (Net)
		5.00	Alerian MLP Index
		3.00	Dow USA Real Estate
		2.00	Citigroup Treasury Bill-3 Month
4/1/2018 to 5/	31/2019	35.00	Barclays Aggregate
.,_,	,	14.50	S&P 500
		12.50	MSCI EAFE (Net)
		8.50	MSCI Emerging Market (Net)
		7.50	Barclays High Yield Very Liquid
		5.50	Russell 2000
		5.50	S&P 400 Mid Cap
		5.25	Alerian MLP Index
		3.25	Dow USA Real Estate
		2.50	Citigroup Treasury Bill-3 Month
6/1/2019 to Pres	ent	35.00	Barclays Aggregate
-,-,		14.50	S&P 500
		12.50	MSCI EAFE (Net)
		8.50	MSCI Emerging Market (Net)
		7.50	BofAML US High Yield Constrained
		5.50	Russell 2000
		5.50	S&P 400 Mid Cap
		5.25	Alerian MLP Index
		3.25	Dow USA Real Estate
		2.50	Citigroup Treasury Bill-3 Month

### Definitions

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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

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**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 quarter 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

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**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.

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**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.

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**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.

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