



Investment Performance FY 2021

Trust Funds

South Dakota Investment Council

August 31, 2021

Capital Markets Benchmark Return and Market Index Components

		<u>1st qtr</u>	<u>2nd qtr</u>	<u>3rd qtr</u>	<u>4th qtr</u>	<u>FY 2021</u>
Capital Markets Benchmark		5.0%	9.7%	2.6%	5.8%	24.9%
<u>Benchmark Components</u>	<u>Weights</u>					
<i>Public Equity</i>	51%					
Public Equity Benchmark (MSCI AC IMI 3/4 + MSCI IMI US 1/4)		8.4%	15.4%	5.4%	7.5%	41.7%
<i>Real Estate</i>	10%					
MSCI REITS		1.6%	11.5%	8.8%	12.0%	38.1%
<i>High Yield Debt</i>	7%					
FTSE High Yield		4.9%	6.4%	0.9%	2.7%	15.7%
<i>Investment Grade Debt</i>	30%					
FTSE US Broad Investment Grade		0.6%	0.8%	-3.5%	2.0%	-0.2%
<i>Cash</i>	2%					
FTSE 3 mo Treasury bills		0.0%	0.0%	0.0%	0.0%	0.1%

Time weighted rate-of-return

Actual to Benchmark Allocation Comparison - June 30, 2021

	<u>Actual Asset Allocation</u>	<u>Benchmark Asset Allocation</u>	<u>Difference</u>	<u>Permissible Range</u>
Public Equity	24%	51%	-27%	75% to 18%
Real Estate REIT/Core	0%	10%	-10%	20% to 2%
High Yield Corporate Debt	4%	7%	-3%	15% to 0%
Investment Grade Debt	15%	30%	-15%	64% to 13%
Cash	34%	2%	32%	50% to 0%
Private Equity	8%	0%	8%	11% to 0%
Opportunistic Real Estate	9%	0%	9%	14% to 0%
High Yield Real Estate Debt	6%	0%	6%	10% to 0%
US Treasury TIPS	0%	0%	0%	10% to 0%
Commodity	0%	0%	0%	5% to 0%
Equity Like Risk	48%	63%	-15%	77% to 36%

Total Portfolio Performance Attribution

Dakota Cement Trust to CMB

DCT Total Fund Return	17.52%
Capital Markets Benchmark Return	<u>24.91%</u>
Difference	<u>-7.39%</u>

Primary Asset Allocation	
Equity-Like Risk	-5.88%
Bond-Like Risk	0.03%
Cash-Like Risk	<u>0.02%</u>
Total Primary Asset Allocation	-5.83%

Secondary Asset Allocation	
Global Equity	N/A
Investment Grade Debt	N/A
Cash	N/A
REITS / Core	-0.27%
High Yield Corporate Debt	0.10%
High Yield Distressed aggressive	0.00%
High Yield Real Estate Debt	-0.09%
High Yield RE Debt aggressive	-0.01%
Real Estate Opportunistic	0.28%
Private Equity	N/A
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Secondary Asset Allocation	0.01%

Total Asset Allocation	-5.82%
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Portfolio Added Value (Alpha)	
Global Equity	1.39%
Investment Grade Debt	-0.23%
Cash	-0.01%
REITS / Core	N/A
High Yield Corporate Debt	-0.14%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.03%
High Yield RE Debt aggressive	-0.04%
Real Estate Opportunistic	-1.89%
Private Equity	0.43%
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Portfolio Added Value (Alpha)	-0.52%

Total Explained Difference	-6.34%
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Other - interperiod trading/asset allo	<u>-1.04%</u>
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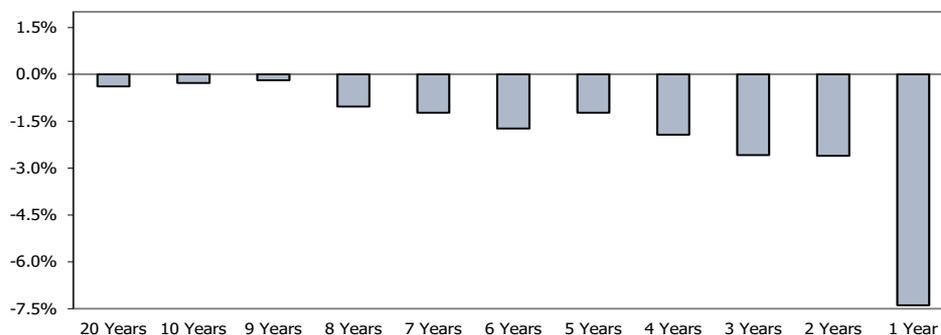
Total Difference	<u>-7.39%</u>
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Dakota Cement Trust Total Fund Return Comparison

Annualized

	<u>DCT Total Fund</u>	<u>DCT Capital Markets Benchmark</u>	<u>Over/Under Performance</u>
20 Years	7.36%	7.74%	-0.39%
10 Years	8.63%	8.91%	-0.28%
9 Years	9.30%	9.49%	-0.19%
8 Years	8.28%	9.31%	-1.03%
7 Years	7.19%	8.42%	-1.23%
6 Years	7.63%	9.37%	-1.74%
5 Years	9.18%	10.41%	-1.23%
4 Years	8.60%	10.53%	-1.93%
3 Years	9.21%	11.79%	-2.58%
2 Years	10.84%	13.44%	-2.61%
1 Year	17.52%	24.91%	-7.39%

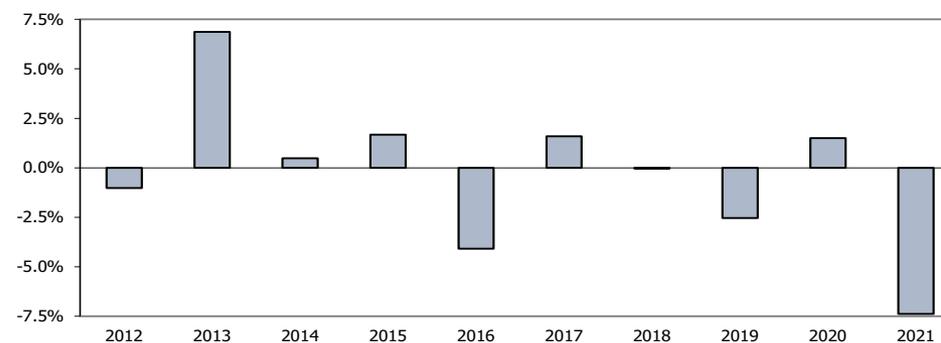
DCT Total Fund Over/Under Performance Chart



Annual Returns

	<u>DCT Total Fund</u>	<u>DCT Capital Markets Benchmark</u>	<u>Over/Under Performance</u>
2012	2.80%	3.82%	-1.02%
2013	17.76%	10.89%	6.87%
2014	16.25%	15.77%	0.49%
2015	4.56%	2.89%	1.67%
2016	0.21%	4.30%	-4.08%
2017	11.55%	9.96%	1.59%
2018	6.78%	6.82%	-0.04%
2019	6.03%	8.56%	-2.53%
2020	4.53%	3.03%	1.50%
2021	17.52%	24.91%	-7.39%

DCT Total Fund Over/Under Performance Chart



* Total Fund Return History
2002 - 2013 is gross-of-fee
2014 - 2021 is net-of-fee

Total Portfolio Performance Attribution Education Enhancement Trust to CMB

EET Total Fund Return	17.85%
Capital Markets Benchmark Return	<u>25.21%</u>
Difference	<u>-7.37%</u>

Primary Asset Allocation	
Equity-Like Risk	-5.91%
Bond-Like Risk	0.03%
Cash-Like Risk	<u>0.02%</u>
Total Primary Asset Allocation	-5.86%

Secondary Asset Allocation	
Global Equity	N/A
Investment Grade Debt	N/A
Cash	N/A
REITS / Core	-0.27%
Tax-Exempt Debt	-0.03%
High Yield Corporate Debt	0.10%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.09%
High Yield RE Debt aggressive	-0.01%
Real Estate Opportunistic	0.27%
Private Equity	N/A
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Secondary Asset Allocation	-0.04%

Total Asset Allocation	-5.90%
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Portfolio Added Value (Alpha)	
Global Equity	1.44%
Investment Grade Debt	-0.14%
Cash	-0.01%
REITS / Core	N/A
Tax-Exempt Debt	-0.03%
High Yield Corporate Debt	-0.14%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.04%
High Yield RE Debt aggressive	-0.03%
Real Estate Opportunistic	-1.81%
Private Equity	0.36%
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Portfolio Added Value (Alpha)	-0.42%

Total Explained Difference	-6.32%
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Other - interperiod trading/asset allo	<u>-1.04%</u>
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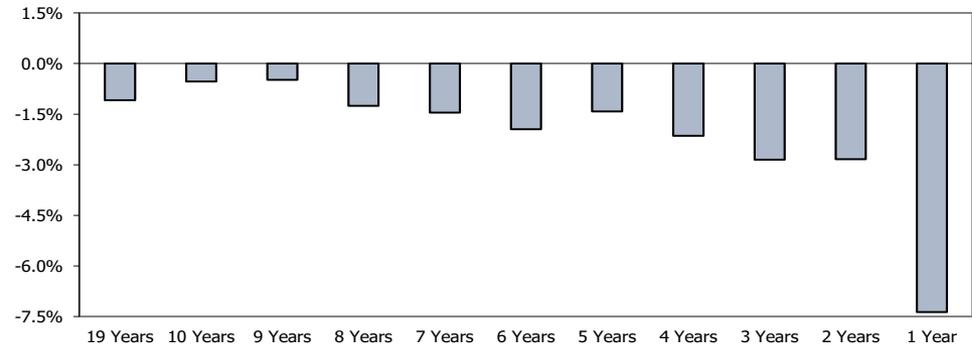
Total Difference	<u>-7.37%</u>
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Education Enhancement Trust Total Fund Return Comparison

Annualized

	<u>EET Total Fund</u>	<u>EET Capital Markets Benchmark</u>	<u>Over/Under Performance</u>
19 Years	6.91%	7.99%	-1.08%
10 Years	8.42%	8.96%	-0.53%
9 Years	9.06%	9.54%	-0.48%
8 Years	8.07%	9.32%	-1.26%
7 Years	6.96%	8.41%	-1.45%
6 Years	7.41%	9.36%	-1.95%
5 Years	8.97%	10.39%	-1.42%
4 Years	8.35%	10.49%	-2.14%
3 Years	8.86%	11.71%	-2.85%
2 Years	10.53%	13.37%	-2.84%
1 Year	17.85%	25.21%	-7.37%

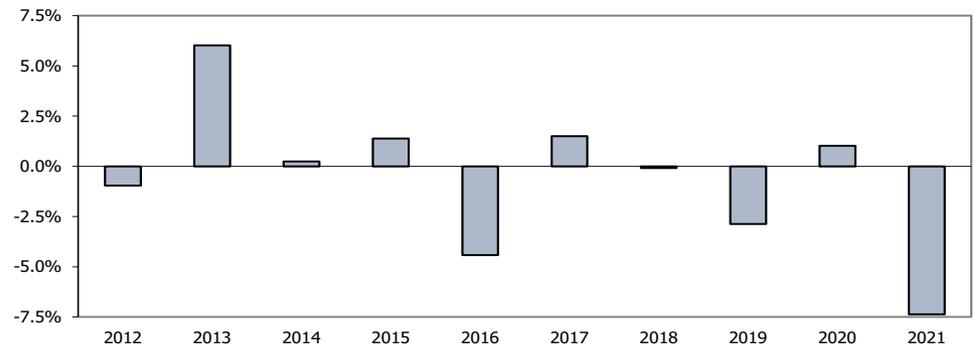
EET Total Fund Over/Under Performance Chart



Annual Returns

	<u>EET Total Fund</u>	<u>EET Capital Markets Benchmark</u>	<u>Over/Under Performance</u>
2012	2.90%	3.86%	-0.96%
2013	17.32%	11.30%	6.02%
2014	16.13%	15.88%	0.24%
2015	4.31%	2.92%	1.39%
2016	-0.09%	4.33%	-4.42%
2017	11.52%	10.01%	1.51%
2018	6.82%	6.90%	-0.09%
2019	5.60%	8.46%	-2.86%
2020	3.67%	2.65%	1.02%
2021	17.85%	25.21%	-7.37%

EET Total Fund Over/Under Performance Chart



* Total Fund Return History
2003 - 2013 is gross-of-fee
2014 - 2021 is net-of-fee

Total Portfolio Performance Attribution Health Care Trust to CMB

HCT Total Fund Return	17.28%
Capital Markets Benchmark Return	<u>24.91%</u>
Difference	<u>-7.62%</u>

Primary Asset Allocation	
Equity-Like Risk	-5.93%
Bond-Like Risk	0.03%
Cash-Like Risk	<u>0.02%</u>
Total Primary Asset Allocation	-5.88%

Secondary Asset Allocation	
Global Equity	N/A
Investment Grade Debt	N/A
Cash	N/A
REITS / Core	-0.27%
High Yield Corporate Debt	0.10%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.09%
High Yield RE Debt aggressive	-0.01%
Real Estate Opportunistic	0.28%
Private Equity	N/A
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Secondary Asset Allocation	0.01%

Total Asset Allocation	-5.87%
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Portfolio Added Value (Alpha)	
Global Equity	1.29%
Investment Grade Debt	-0.22%
Cash	-0.01%
REITS / Core	N/A
High Yield Corporate Debt	-0.15%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.03%
High Yield RE Debt aggressive	-0.03%
Real Estate Opportunistic	-1.85%
Private Equity	0.26%
Hedge Fund	0.00%
Short S&P 500 Futures	<u>N/A</u>
Total Portfolio Added Value (Alpha)	-0.75%

Total Explained Difference	-6.62%
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Other - interperiod trading/asset allo	<u>-1.00%</u>
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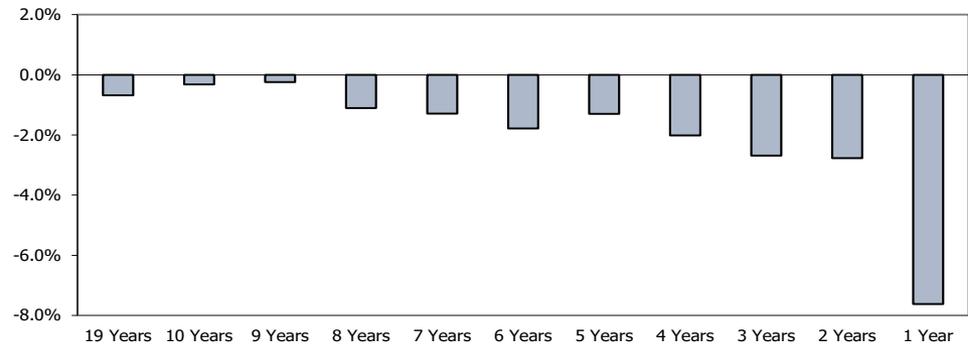
Total Difference	<u>-7.62%</u>
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Health Care Trust Total Fund Return Comparison

Annualized

	HCT <u>Total Fund</u>	HCT Capital Markets <u>Benchmark</u>	<u>Over/Under Performance</u>
19 Years	7.37%	8.05%	-0.68%
10 Years	8.59%	8.91%	-0.32%
9 Years	9.24%	9.49%	-0.24%
8 Years	8.21%	9.31%	-1.10%
7 Years	7.13%	8.42%	-1.29%
6 Years	7.58%	9.37%	-1.79%
5 Years	9.12%	10.41%	-1.30%
4 Years	8.51%	10.53%	-2.02%
3 Years	9.10%	11.79%	-2.69%
2 Years	10.67%	13.44%	-2.77%
1 Year	17.28%	24.91%	-7.62%

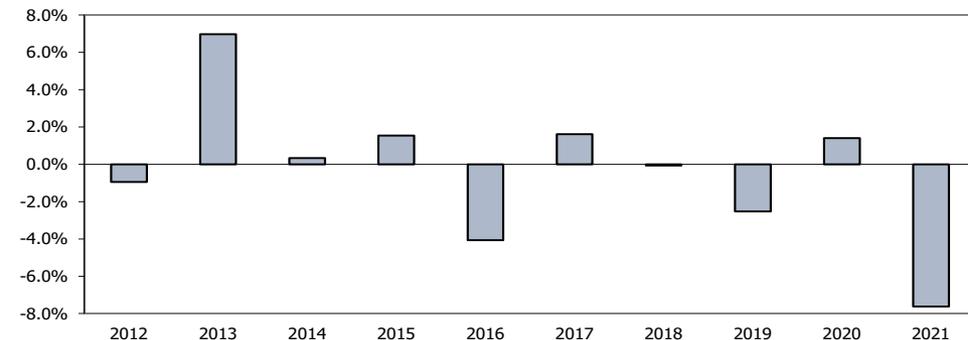
HCT Total Fund Over/Under Performance Chart



Annual Returns

	HCT <u>Total Fund</u>	HCT Capital Markets <u>Benchmark</u>	<u>Over/Under Performance</u>
2012	2.87%	3.82%	-0.95%
2013	17.86%	10.89%	6.97%
2014	16.11%	15.77%	0.34%
2015	4.43%	2.89%	1.54%
2016	0.23%	4.30%	-4.07%
2017	11.58%	9.96%	1.62%
2018	6.76%	6.82%	-0.06%
2019	6.03%	8.56%	-2.53%
2020	4.43%	3.03%	1.40%
2021	17.28%	24.91%	-7.62%

HCT Total Fund Over/Under Performance Chart



* Total Fund Return History
2003 - 2013 is gross-of-fee
2014 - 2021 is net-of-fee

Total Portfolio Performance Attribution School & Public Lands to CMB

SPL Total Fund Return	17.56%
Capital Markets Benchmark Return	<u>24.91%</u>
Difference	<u>-7.34%</u>

Primary Asset Allocation	
Equity-Like Risk	-5.96%
Bond-Like Risk	0.03%
Cash-Like Risk	<u>0.02%</u>
Total Primary Asset Allocation	-5.90%

Secondary Asset Allocation	
Global Equity	N/A
Investment Grade Debt	N/A
Cash	N/A
REITS / Core	-0.27%
High Yield Corporate Debt	0.10%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.09%
High Yield RE Debt aggressive	-0.01%
Real Estate Opportunistic	0.28%
Private Equity	N/A
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>
Total Secondary Asset Allocation	0.00%

Total Asset Allocation	-5.90%
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Portfolio Added Value (Alpha)	
Global Equity	1.39%
Investment Grade Debt	-0.23%
Cash	-0.01%
REITS / Core	N/A
High Yield Corporate Debt	-0.14%
High Yield Distressed aggressive	N/A
High Yield Real Estate Debt	-0.04%
High Yield RE Debt aggressive	-0.03%
Real Estate Opportunistic	-1.82%
Private Equity	0.36%
Hedge Fund	N/A
Short S&P 500 Futures	<u>N/A</u>

Total Portfolio Added Value (Alpha)	-0.54%
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Total Explained Difference	-6.44%
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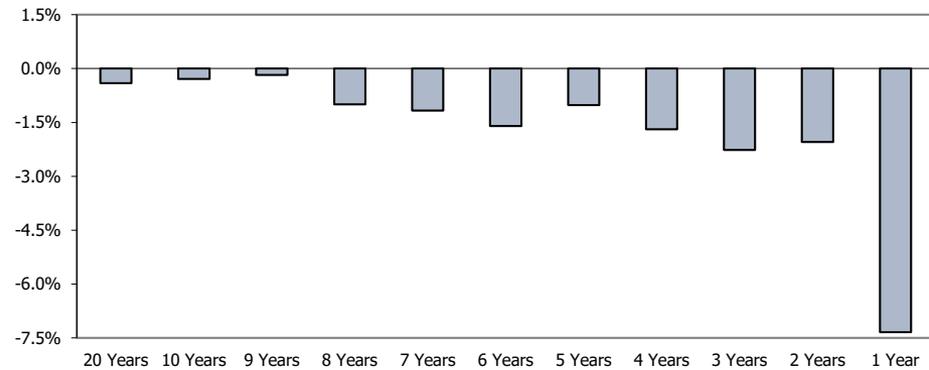
Other - interperiod trading/asset allo	<u>-0.90%</u>
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Total Difference	<u>-7.34%</u>
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School & Public Lands Total Fund Return Comparison

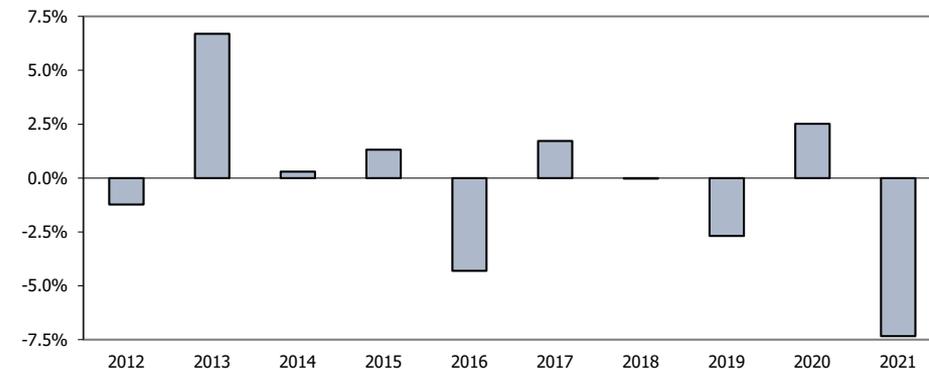
Annualized	SPL Total Fund	SPL Capital Markets Benchmark	Over/Under Performance
20 Years	7.15%	7.56%	-0.40%
10 Years	8.62%	8.91%	-0.29%
9 Years	9.31%	9.49%	-0.18%
8 Years	8.32%	9.31%	-0.99%
7 Years	7.25%	8.42%	-1.17%
6 Years	7.77%	9.37%	-1.60%
5 Years	9.40%	10.41%	-1.02%
4 Years	8.84%	10.53%	-1.69%
3 Years	9.52%	11.79%	-2.27%
2 Years	11.40%	13.44%	-2.05%
1 Year	17.56%	24.91%	-7.34%

SPL Total Fund Over/Under Performance Chart



Annual Returns	SPL Total Fund	SPL Capital Markets Benchmark	Over/Under Performance
2012	2.59%	3.82%	-1.23%
2013	17.58%	10.89%	6.70%
2014	16.07%	15.77%	0.30%
2015	4.20%	2.89%	1.31%
2016	-0.01%	4.30%	-4.31%
2017	11.68%	9.96%	1.72%
2018	6.80%	6.82%	-0.02%
2019	5.87%	8.56%	-2.69%
2020	5.55%	3.03%	2.52%
2021	17.56%	24.91%	-7.34%

SPL Total Fund Over/Under Performance Chart



* Total Fund Return History
 2002 - 2013 is gross-of-fee
 2014 - 2021 is net-of-fee