

FUND EVALUATION REPORT

Metropolitan Water District of Southern California

First Quarter Performance Evaluation
as of March 31, 2019



BOSTON
MASSACHUSETTS

CHICAGO
ILLINOIS

MIAMI
FLORIDA

PORTLAND
OREGON

SAN DIEGO
CALIFORNIA

LONDON
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Meketa Investment Group has been retained by the Metropolitan Water District of Southern California to monitor the ongoing investment performance of their internally and externally managed portfolios. The performance data presented in this report is based on data provided by the custodian, which has been fully reconciled to the data provided by both the investment managers and the treasury staff.

Index Returns¹

as of March 31, 2019

	1Q19 (%)	1 YR (%)	3 YR (%)	5 YR (%)	10 YR (%)
Domestic Equity					
S&P 500	13.6	9.5	13.5	10.9	15.9
Russell 3000	14.0	8.8	13.5	10.4	16.0
Russell 1000	14.0	9.3	13.5	10.6	16.0
Russell 1000 Growth	16.1	12.7	16.5	13.5	17.5
Russell 1000 Value	11.9	5.7	10.5	7.7	14.5
Russell MidCap	16.5	6.5	11.8	8.8	16.9
Russell MidCap Growth	19.6	11.5	15.1	10.9	17.6
Russell MidCap Value	14.4	2.9	9.5	7.2	16.4
Russell 2000	14.6	2.0	12.9	7.1	15.4
Russell 2000 Growth	17.1	3.9	14.9	8.4	16.5
Russell 2000 Value	11.9	0.2	10.9	5.6	14.1
Foreign Equity					
MSCI ACWI (ex. U.S.)	10.3	-4.2	8.1	2.6	8.8
MSCI EAFE	10.0	-3.7	7.3	2.3	9.0
MSCI EAFE (Local Currency)	10.6	2.8	8.5	6.0	9.8
MSCI EAFE Small Cap	10.7	-9.4	7.5	4.5	12.8
MSCI Emerging Markets	9.9	-7.4	10.7	3.7	8.9
MSCI Emerging Markets (Local Currency)	10.1	-1.7	11.3	7.2	10.2
Fixed Income					
Bloomberg Barclays Universal	3.3	4.5	2.6	3.0	4.4
Bloomberg Barclays Aggregate	2.9	4.5	2.0	2.7	3.8
Bloomberg Barclays U.S. TIPS	3.2	2.7	1.7	1.9	3.4
Bloomberg Barclays High Yield	7.3	5.9	8.6	4.7	11.3
JPM GBI-EM Global Diversified	2.9	-7.6	3.3	-0.8	4.3
Other					
NAREIT Equity	16.3	20.3	6.0	9.0	18.2
Bloomberg Commodity Index	6.3	-5.3	2.2	-8.9	-2.6
HFRI Fund of Funds	5.0	0.5	4.1	2.3	3.6

¹ Source: InvestorForce



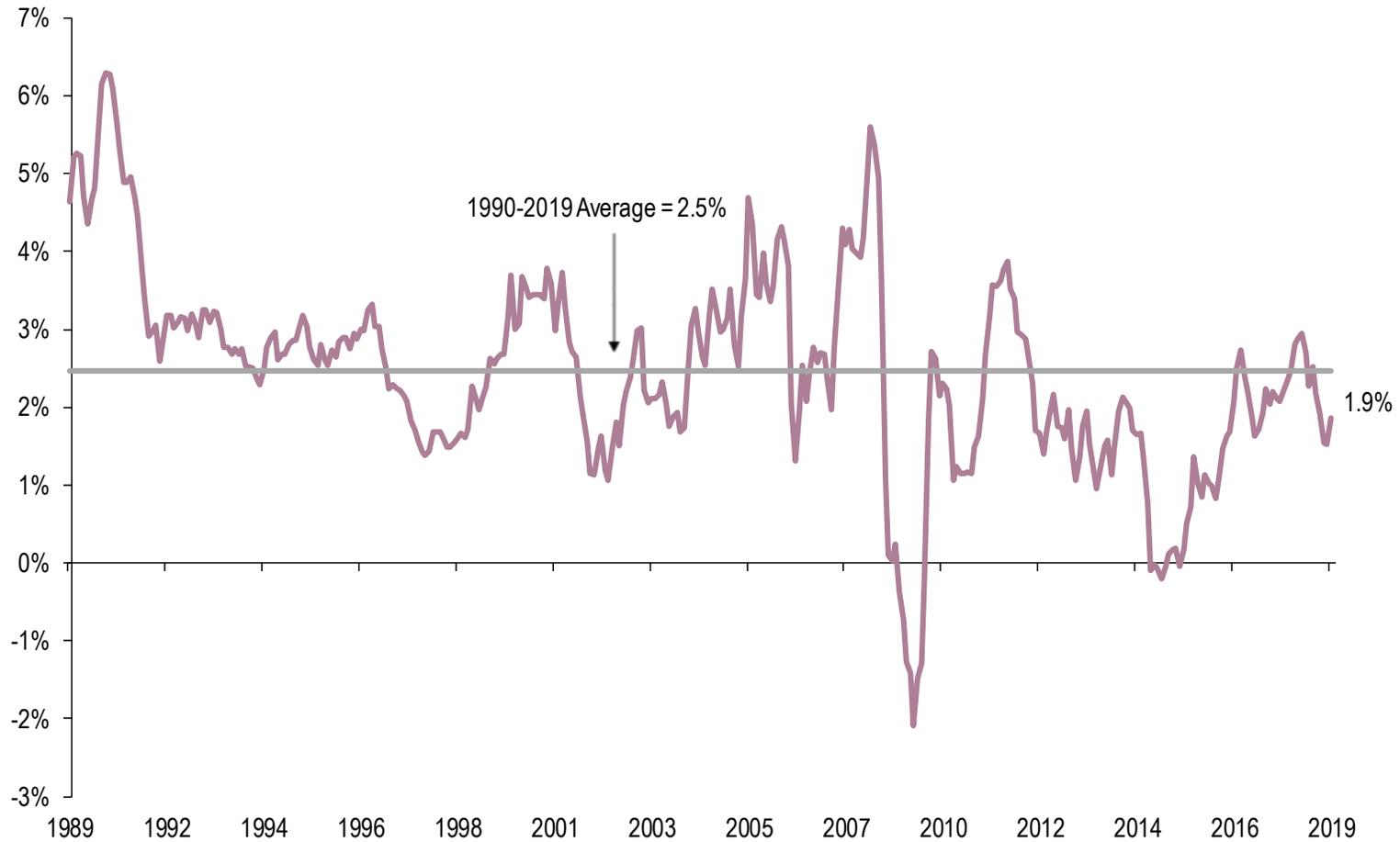
U.S. Equity Cyclically Adjusted P/E¹



¹ Source: Robert Shiller and Yale University; data from January 31, 1881 to March 31, 2019.



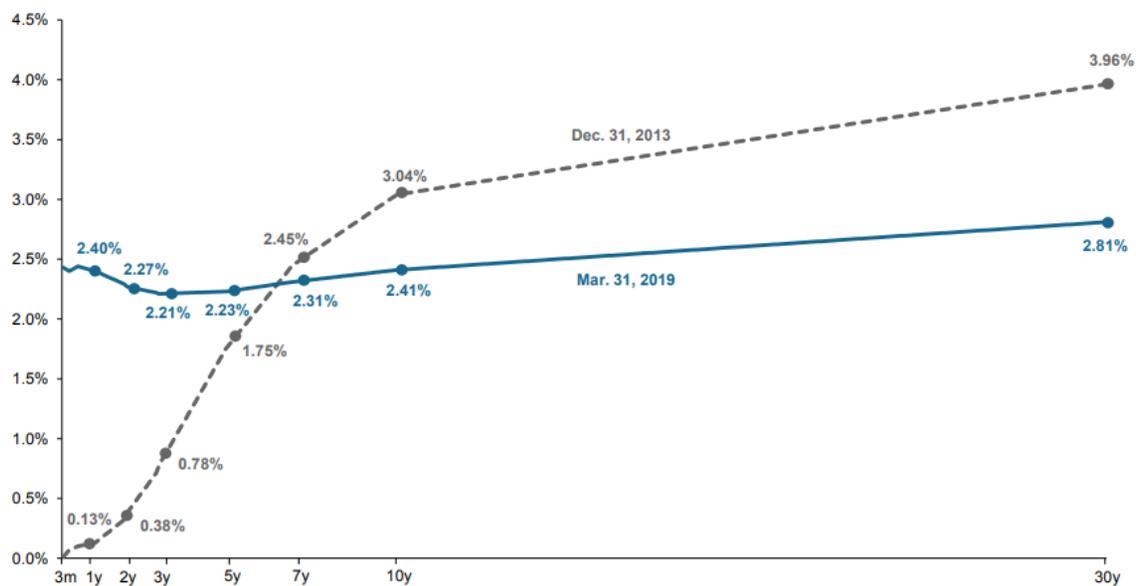
U.S. Inflation (CPI) Trailing Twelve Months¹



¹ Source: Bureau of Labor Statistics; non-seasonally adjusted CPI, which may be volatile in the short-term, data as of March 31, 2019.



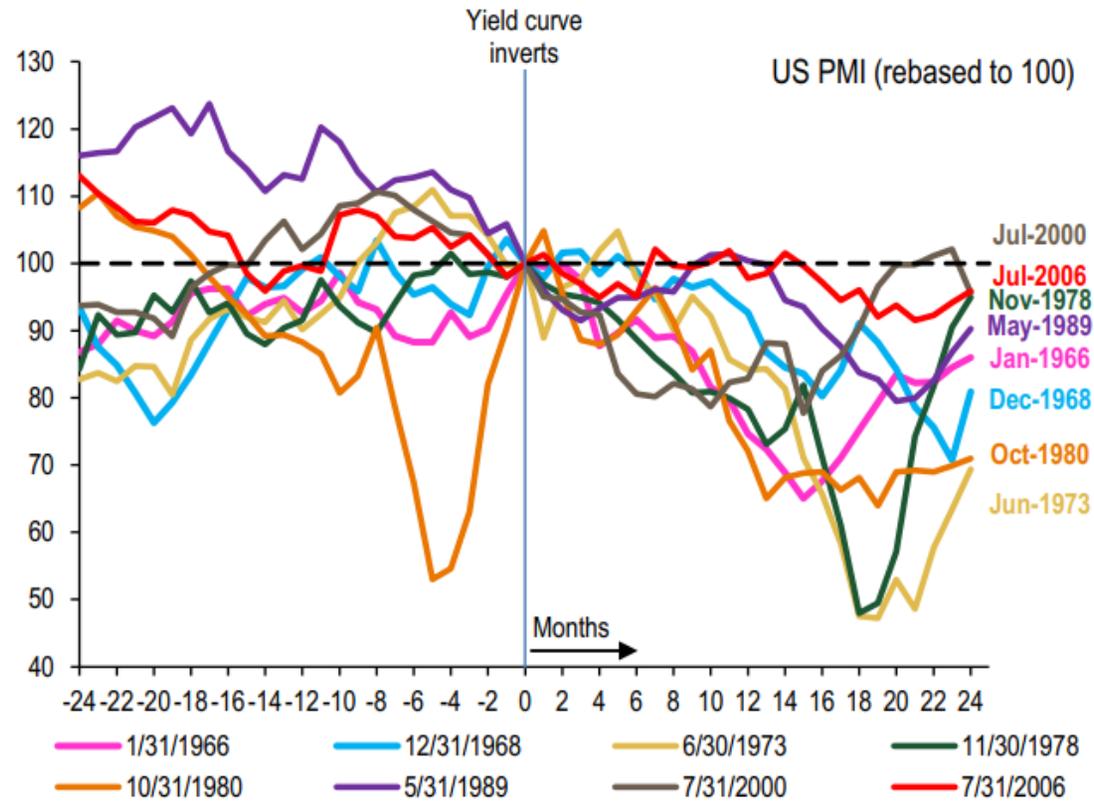
US Treasury Yield Curve¹ Yield flat from 90 days to 10 years



¹ Source: JP Morgan



US Economy (PMI) Always Weakens After Yield Inversion¹



¹ Source: B of A Merrill Lynch



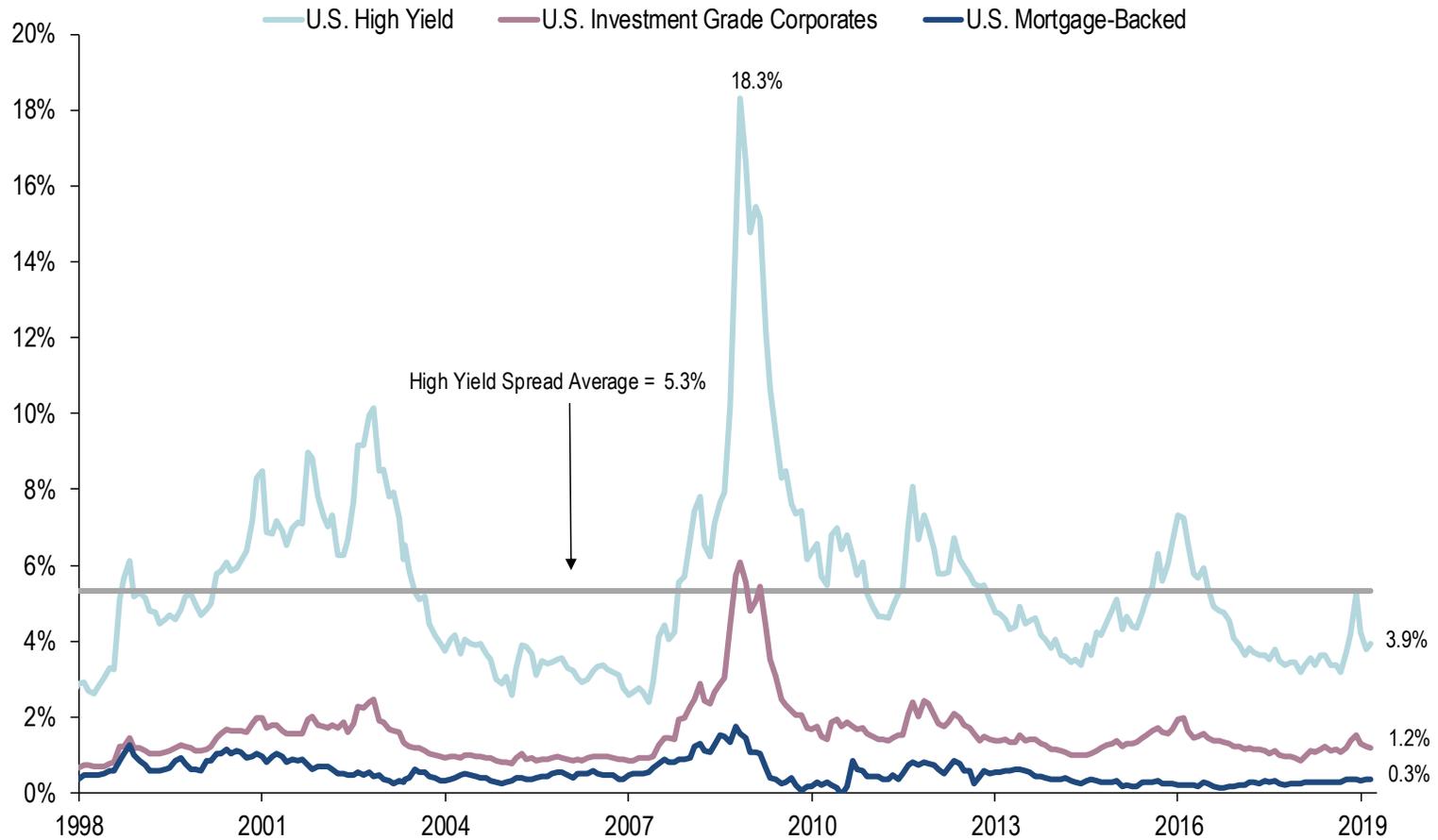
Ten-Year Treasury Yields¹



¹ Source: U.S. Treasury; data is as of April 1, 2019



Credit Spreads vs. U.S. Treasury Bonds^{1,2}

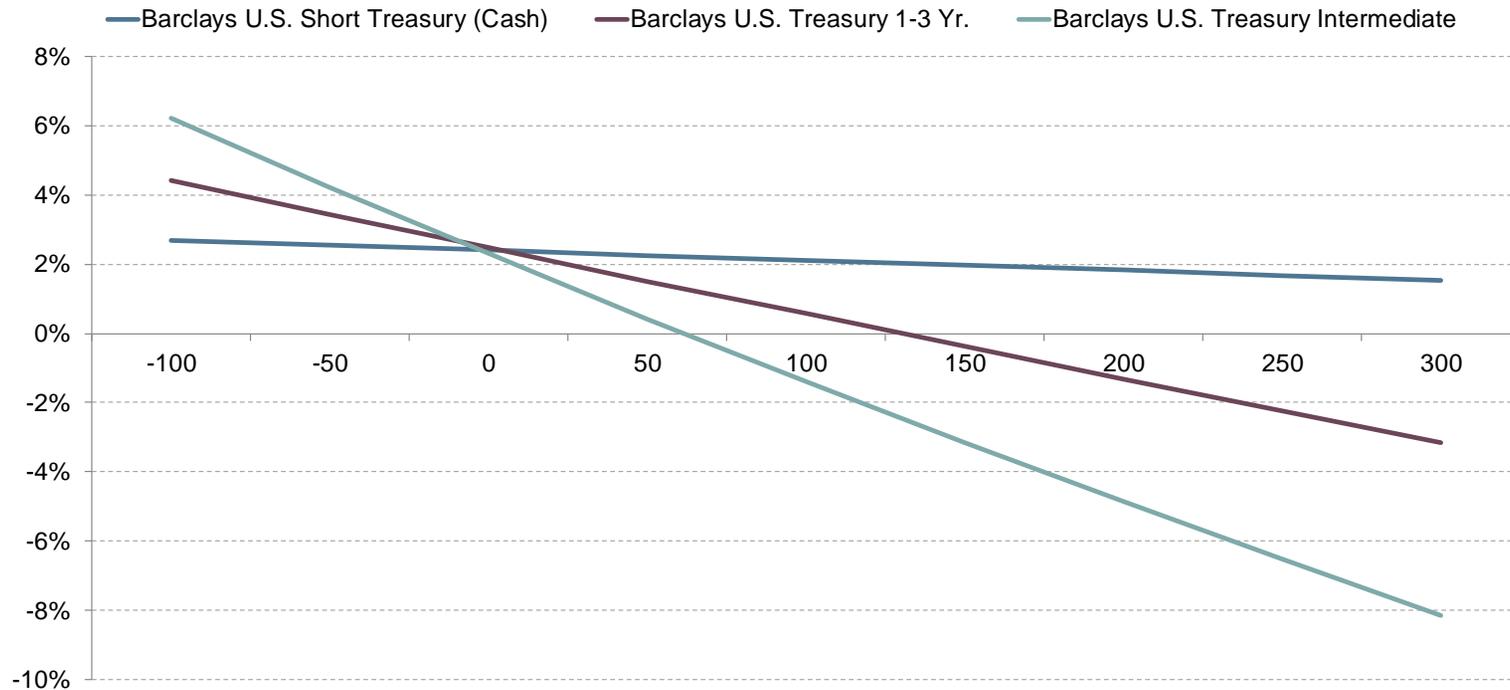


¹ Source: Barclays Live

² Median high yield spread was 4.8% from 1997-2019



Total Return Given Changes in Interest Rates (bps)¹



	Total Return for Given Changes in Interest Rates (bps)										Statistics	
	-100	-50	0	50	100	150	200	250	300	Duration	YTW	
Barclays U.S. Short Treasury (Cash)	2.7%	2.6%	2.4%	2.3%	2.1%	2.0%	1.9%	1.7%	1.6%	0.28	2.41%	
Barclays U.S. Treasury 1-3 Yr.	4.5%	3.5%	2.5%	1.6%	0.6%	-0.3%	-1.3%	-2.2%	-3.1%	1.94	2.52%	
Barclays U.S. Treasury Intermediate	6.3%	4.3%	2.4%	0.5%	-1.4%	-3.1%	-4.9%	-6.5%	-8.1%	3.82	2.36%	
Barclays U.S. Treasury Long	22.4%	12.1%	2.9%	-5.4%	-12.7%	-19.0%	-24.3%	-28.6%	-31.8%	17.56	2.85%	

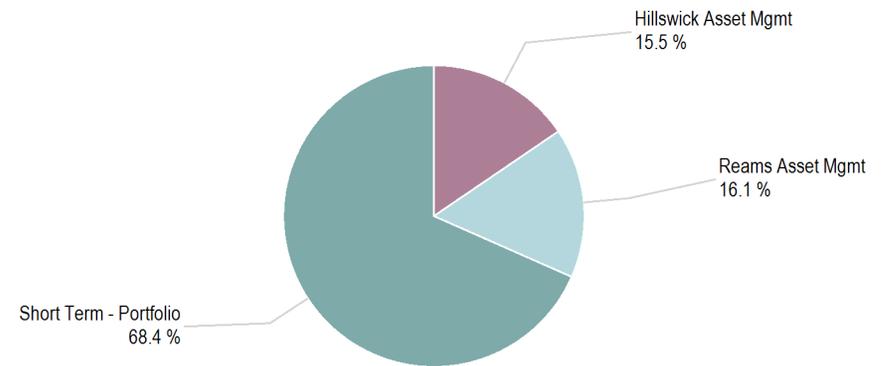
¹ Data represents the expected total return from a given change in interest rates (shown in basis points) over a 12-month period assuming a parallel shift in rates. Data is as of April 8, 2019 via Barclays, Bloomberg, and Meketa Investment Group.



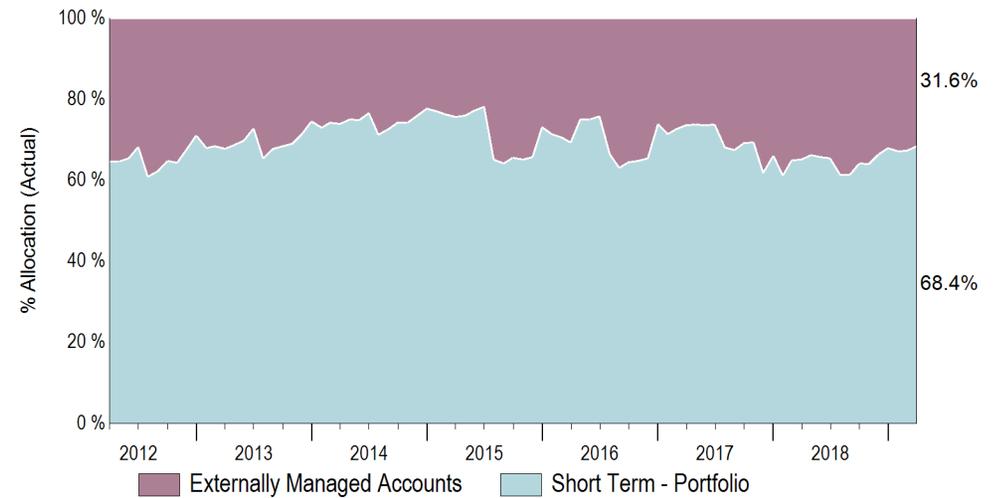
Portfolio Summary

	Market Value	% of Portfolio
Met Water District of SoCal	1,136,886,669	100.0
Externally Managed Accounts	359,296,657	31.6
Hillswick Asset Mgmt	176,249,946	15.5
Reams Asset Mgmt	183,046,711	16.1
Short Term - Portfolio	777,590,011	68.4
Short Term - Portfolio	777,590,011	68.4

Current Asset Allocation



Historical Asset Allocation



As of March 31, 2019

Performance Overview

	QTD (%)	Fiscal YTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Met Water District of SoCal	1.0	2.4	2.8	1.9	1.4	1.3	1.5	2.4	May-02
<i>Total Fund Benchmark</i>	<i>0.9</i>	<i>2.2</i>	<i>2.5</i>	<i>1.6</i>	<i>1.1</i>	<i>0.9</i>	<i>0.9</i>	<i>1.9</i>	<i>May-02</i>
Externally Managed Accounts	1.5	3.3	3.6	2.0	1.4	1.7	2.5	3.3	May-02
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	<i>1.4</i>	<i>3.2</i>	<i>3.4</i>	<i>1.7</i>	<i>1.2</i>	<i>1.5</i>	<i>2.0</i>	<i>2.9</i>	<i>May-02</i>
Short Term - Portfolio	0.7	1.9	2.4	1.8	1.5	1.2	1.0	1.9	May-02
<i>ICE BofAML 91 Days T-Bills TR</i>	<i>0.6</i>	<i>1.7</i>	<i>2.1</i>	<i>1.6</i>	<i>1.2</i>	<i>0.7</i>	<i>0.4</i>	<i>1.3</i>	<i>May-02</i>

Met Water District of SoCal:

5/1/2002 Present Weighted Average of BofA Merrill Lynch US Corp & Gov 1-5 Yrs Rated A and above / BofA Merrill Lynch 91-Day T-Bill.



As of March 31, 2019

Rolling Performance Summary

	QTD (%)	Fiscal YTD (%)	1 Yr (%)	2 Yrs (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Met Water District of SoCal	1.0	2.4	2.8	1.9	1.4	1.3	1.5	2.4	May-02
<i>Total Fund Benchmark</i>	0.9	2.2	2.5	1.6	1.1	0.9	0.9	1.9	May-02
Externally Managed Accounts	1.5	3.3	3.6	2.0	1.4	1.7	2.5	3.3	May-02
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	1.4	3.2	3.4	1.7	1.2	1.5	2.0	2.9	May-02
Hillswick Asset Mgmt	1.4	3.2	3.4	2.0	1.3	1.8	2.1	3.3	May-02
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	1.4	3.2	3.4	1.7	1.2	1.5	2.0	2.9	May-02
Reams Asset Mgmt	1.6	3.5	3.8	2.1	1.5	1.6	2.9	3.4	May-02
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	1.4	3.2	3.4	1.7	1.2	1.5	2.0	2.9	May-02
Short Term - Portfolio	0.7	1.9	2.4	1.8	1.5	1.2	1.0	1.9	May-02
<i>ICE BofAML 91 Days T-Bills TR</i>	0.6	1.7	2.1	1.6	1.2	0.7	0.4	1.3	May-02

Statistics Summary
3 Years Ending March 31, 2019

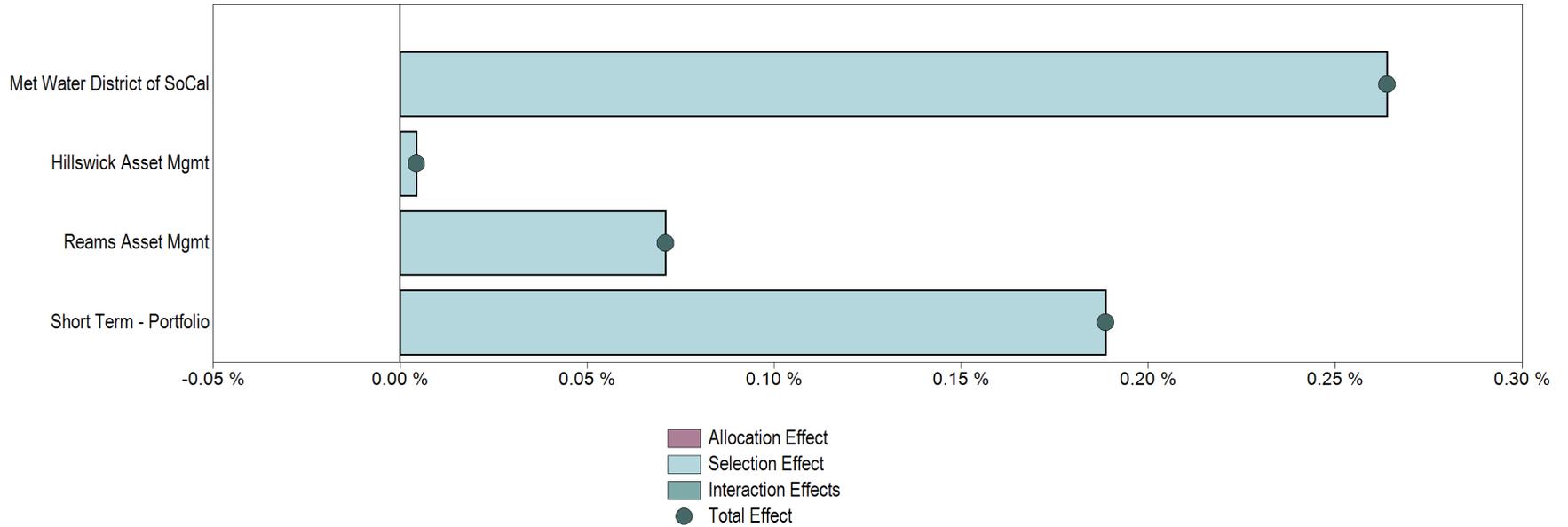
	Anlzd Return	Ann Excess BM Return	Anlzd Standard Deviation	Anlzd Alpha J	Beta	Sharpe Ratio	R-Squared	Up Mkt Capture Ratio Anlzd	Down Mkt Capture Ratio Anlzd
Met Water District of SoCal	1.38%	0.23%	0.56%	0.24%	1.07	0.26	0.98	116.54%	97.67%
Hillswick Asset Mgmt	1.34%	0.12%	1.43%	0.12%	1.04	0.08	0.96	104.05%	98.06%
Reams Asset Mgmt	1.50%	0.28%	1.26%	0.28%	0.92	0.21	0.97	102.37%	81.36%
Short Term - Portfolio	1.47%	0.28%	0.22%	0.28%	0.93	1.08	0.84	123.35%	--

As of March 31, 2019

Manager Scorecard
5 Years Ending March 31, 2019

	Anlzd Return	Ann Excess BM Return	Anlzd Standard Deviation	Anlzd Alpha J	Beta	Sharpe Ratio	R-Squared	Up Mkt Capture Ratio Anlzd	Down Mkt Capture Ratio Anlzd
Met Water District of SoCal	1.27%	0.37%	0.53%	0.36%	1.09	0.97	0.92	130.37%	87.52%
Hillswick Asset Mgmt	1.85%	0.38%	1.49%	0.31%	1.09	0.73	0.94	113.25%	96.38%
Reams Asset Mgmt	1.59%	0.12%	1.15%	0.23%	0.85	0.73	0.96	93.29%	73.82%
Short Term - Portfolio	1.17%	0.43%	0.26%	0.42%	0.79	1.59	0.51	155.62%	-539.28%

Attribution Effects
1 Year Ending March 31, 2019



Attribution Summary
1 Year Ending March 31, 2019

	Wtd. Actual Return	Wtd. Index Return	Excess Return	Selection Effect	Allocation Effect	Interaction Effects	Total Effects
Hillswick Asset Mgmt	3.4%	3.4%	0.0%	0.0%	0.0%	0.0%	0.0%
Reams Asset Mgmt	3.8%	3.4%	0.4%	0.1%	0.0%	0.0%	0.1%
Short Term - Portfolio	2.4%	2.1%	0.3%	0.2%	0.0%	0.0%	0.2%
Total	2.8%	2.5%	0.3%	0.3%	0.0%	0.0%	0.3%

As of March 31, 2019

Fee Summary

Name	Fee Schedule	Market Value	Estimated Fee	Estimated Fee Value
Hillswick Asset Mgmt	0.15% of Assets	\$176,249,946	0.15%	\$264,375
Reams Asset Mgmt	0.15% of Assets	\$183,046,711	0.15%	\$274,570
Short Term - Portfolio		\$777,590,011		
Total		\$1,136,886,669	0.05%	\$538,945

Fiscal Year to Date Cash Flow Summary
from July 01, 2018 to March 31, 2019

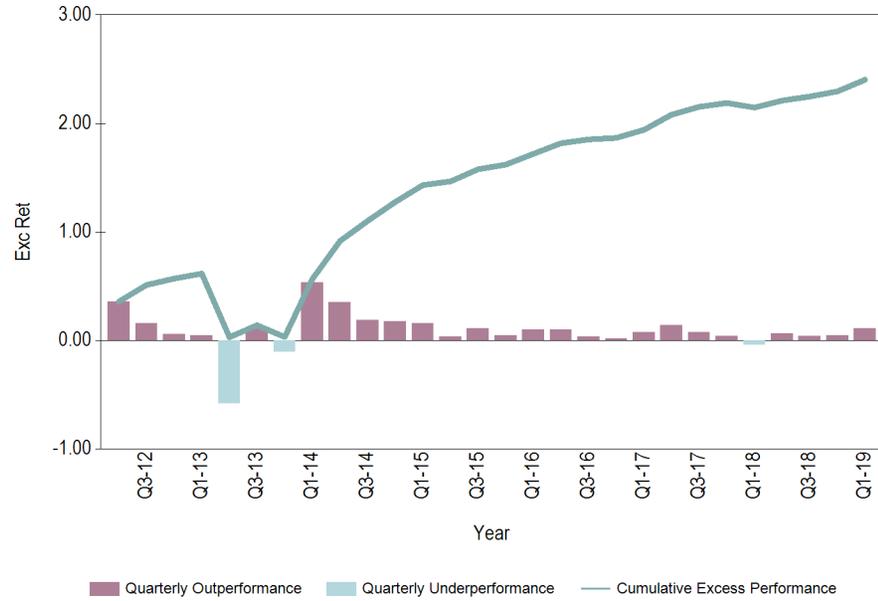
	Beginning Market Value	Contributions	Withdrawals	Fees	Net Investment Change	Ending Market Value	Transfers In	Transfers Out
Hillswick Asset Mgmt	\$170,768,978	\$0	\$0	\$0	\$5,480,968	\$176,249,946	\$0	\$0
Reams Asset Mgmt	\$176,908,540	\$0	\$0	\$0	\$6,138,171	\$183,046,711	\$0	\$0
Short Term - Portfolio	\$656,122,799	\$897,827,692	-\$788,214,984	\$0	\$11,854,504	\$777,590,011	\$0	\$0
Total	\$1,003,800,317	\$897,827,692	-\$788,214,984	\$0	\$23,473,643	\$1,136,886,669	\$0	\$0

Fiscal Year Performance (Peer Rank)

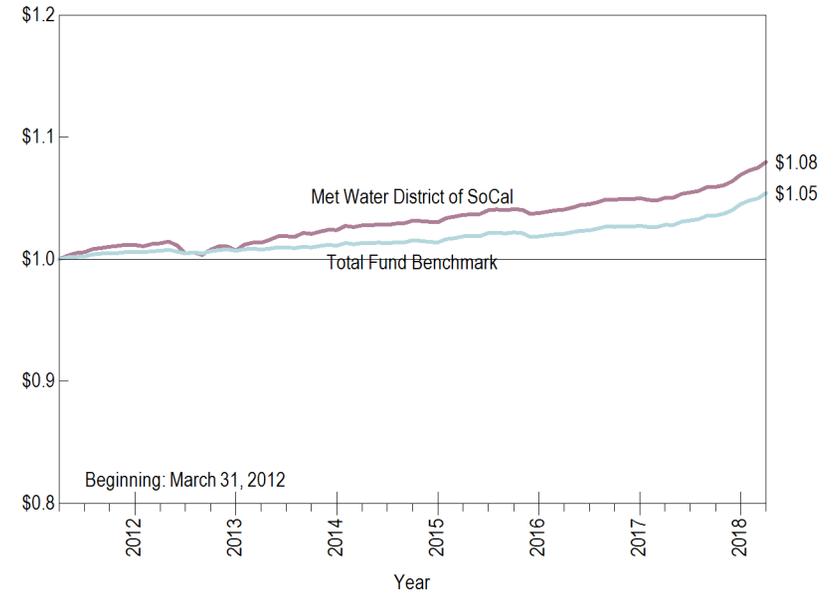
for the Years Ending June 30th

	Fiscal YTD (%)	Fiscal 2018 (%)	Fiscal 2017 (%)	Fiscal 2016 (%)	Fiscal 2015 (%)	Fiscal 2014 (%)	Fiscal 2013 (%)
Met Water District of SoCal	2.4	0.9	0.5	1.2	0.9	1.4	-0.1
<i>Total Fund Benchmark</i>	2.2	0.8	0.2	0.8	0.4	0.5	0.2
<i>eV US Short Duration Fixed Inc Net Rank</i>	85	19	60	86	39	64	99
Externally Managed Accounts	3.3	0.1	-0.1	2.7	1.8	1.8	0.3
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	3.2	-0.2	-0.2	2.6	1.4	1.6	0.4
<i>eV US Short Duration Fixed Inc Net Rank</i>	12	74	93	8	3	46	78
Hillswick Asset Mgmt	3.2	0.3	-0.4	3.0	2.2	1.4	-0.5
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	3.2	-0.2	-0.2	2.6	1.4	1.6	0.4
<i>eV US Short Duration Fixed Inc Net Rank</i>	19	65	98	1	1	60	99
Reams Asset Mgmt	3.5	0.0	0.2	2.3	1.4	2.2	1.1
<i>ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR</i>	3.2	-0.2	-0.2	2.6	1.4	1.6	0.4
<i>eV US Short Duration Fixed Inc Net Rank</i>	6	84	76	21	5	39	33
Short Term - Portfolio	1.9	1.5	0.9	0.6	0.6	1.2	-0.4
<i>ICE BofAML 91 Days T-Bills TR</i>	1.7	1.4	0.5	0.2	0.0	0.1	0.1
<i>eV US Cash Management Net Rank</i>	27	30	19	27	1	1	99
Short Term - Portfolio	1.9	1.5	0.9	0.6	0.6	1.2	-0.4
<i>ICE BofAML 91 Days T-Bills TR</i>	1.7	1.4	0.5	0.2	0.0	0.1	0.1
<i>eV US Cash Management Net Rank</i>	27	30	19	27	1	1	99

Quarterly and Cumulative Excess Performance



Growth of a \$1



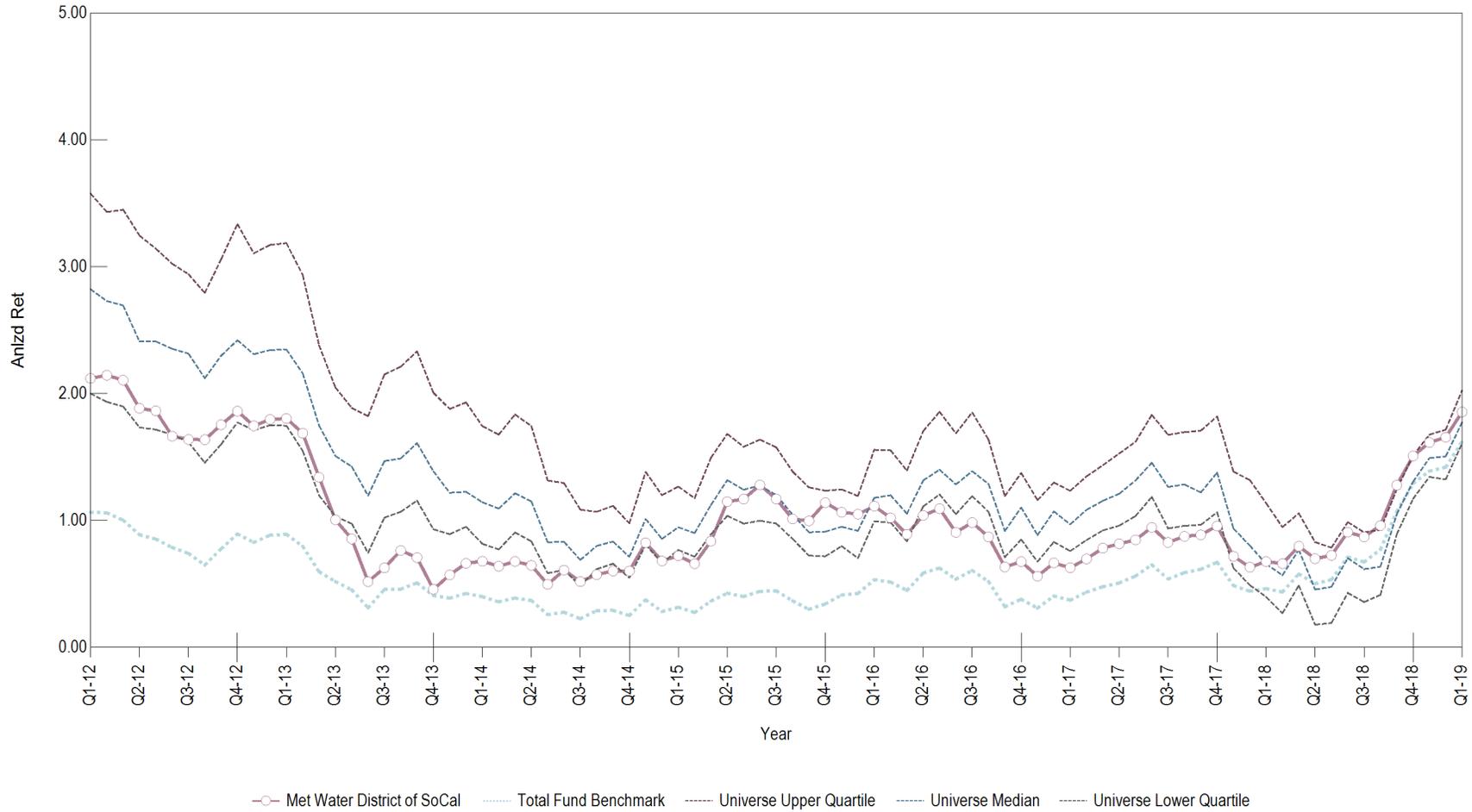
Statistics Summary

Since Inception

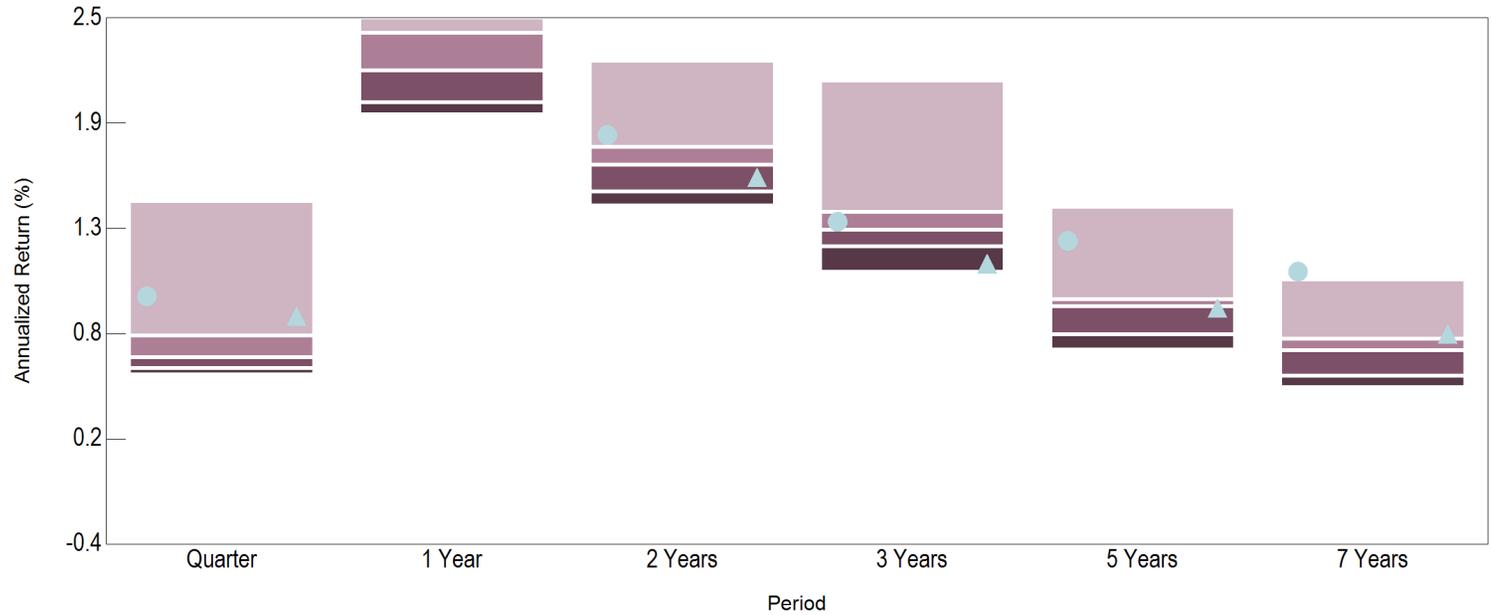
	Total Return	Anlzd Return	Ann Excess BM Return	Anlzd Standard Deviation	Anlzd Alpha J	Beta	Sharpe Ratio	R-Squared	Up Mkt Capture Ratio Anlzd	Down Mkt Capture Ratio Anlzd
Met Water District of SoCal	49.47%	2.40%	0.54%	0.99%	0.49%	1.10	1.15	0.77	125.59%	102.72%
Total Fund Benchmark	36.63%	1.86%	0.00%	0.79%	0.00%	1.00	0.76	1.00	100.00%	100.00%



Rolling 3 Year Annualized Return (%) vs. eV US Short Duration Fixed Inc Net



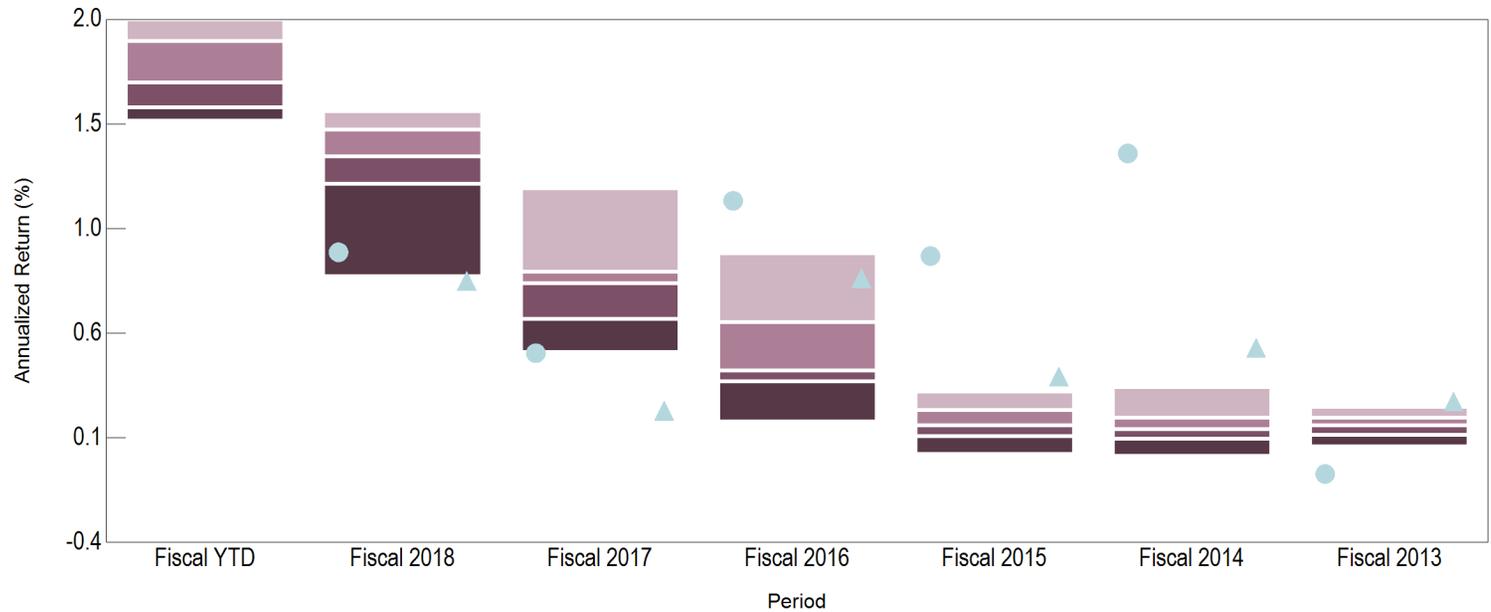
Returns Universe Comparison
Ending March 31, 2019



	Quarter		1 Year		2 Years		3 Years		5 Years		7 Years	
5th Percentile	1.5		3.2		2.3		2.2		1.5		1.1	
25th Percentile	0.8		2.4		1.8		1.4		1.0		0.7	
Median	0.6		2.2		1.7		1.3		0.9		0.7	
75th Percentile	0.6		2.0		1.5		1.2		0.8		0.5	
95th Percentile	0.5		2.0		1.5		1.1		0.7		0.5	
# of Portfolios	23		23		23		21		20		16	
● Met Water District of SoCal	1.0	(15)	2.8	(11)	1.9	(16)	1.4	(45)	1.3	(12)	1.1	(2)
▲ Total Fund Benchmark	0.9	(20)	2.5	(18)	1.6	(62)	1.1	(82)	0.9	(53)	0.8	(19)



Returns Universe Comparison
Fiscal Year Returns



	Fiscal YTD		Fiscal 2018		Fiscal 2017		Fiscal 2016		Fiscal 2015		Fiscal 2014		Fiscal 2013	
Return (Rank)	2.6	1.6	1.2	0.9	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5th Percentile	1.9	1.5	0.8	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25th Percentile	1.7	1.4	0.8	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Median	1.6	1.2	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75th Percentile	1.5	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95th Percentile	23	23	19	17	17	12	11							
# of Portfolios	2.4 (9)	0.9 (90)	0.5 (96)	1.2 (1)	0.9 (1)	1.4 (1)	-0.1 (99)							
● Met Water District of SoCal	2.2 (12)	0.8 (96)	0.2 (99)	0.8 (11)	0.4 (3)	0.5 (1)	0.2 (1)							
▲ Total Fund Benchmark														

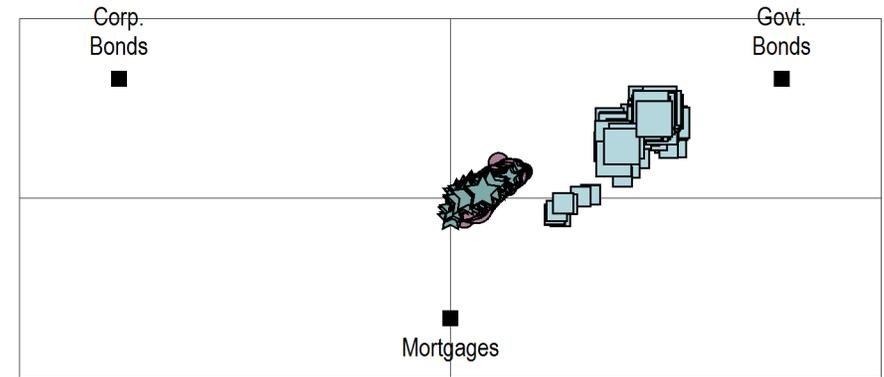


Since Inception Portfolio Statistics

	Met Water District of SoCal	Total Fund Benchmark
RETURN SUMMARY STATISTICS		
Number of Periods	203	203
Maximum Return	1.17	0.84
Minimum Return	-0.77	-0.68
Annualized Return	2.40	1.86
Total Return	49.47	36.63
Annualized Excess Return Over Risk Free	1.14	0.60
Annualized Excess Return	0.54	0.00
RISK SUMMARY STATISTICS		
Beta	1.10	1.00
Upside Deviation	0.78	0.65
Downside Deviation	0.70	0.45
RISK/RETURN SUMMARY STATISTICS		
Annualized Standard Deviation	0.99	0.79
Alpha	0.03	0.00
Sharpe Ratio	1.15	0.76
Excess Return Over Market / Risk	0.55	0.00
Tracking Error	0.48	0.00
Information Ratio	1.12	--
CORRELATION STATISTICS		
R-Squared	0.77	1.00
Correlation	0.87	1.00

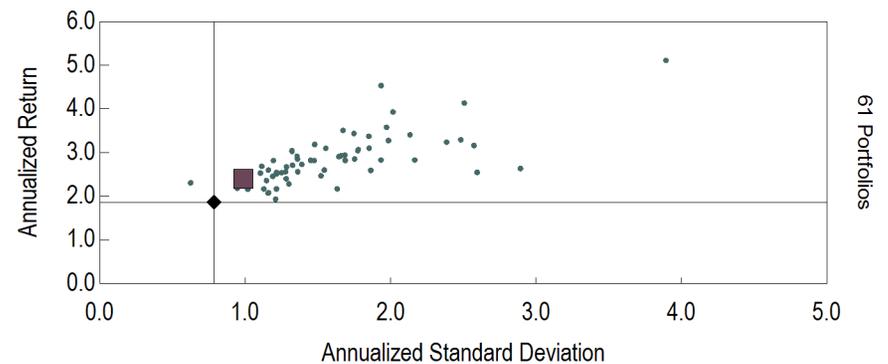
Market Proxy: Total Fund Benchmark
 Risk-Free Proxy: 91 Day T-Bills

Style Analysis Box



● Met Water District of SoCal ★ Total Fund Benchmark
 ■ BBgBarc US Aggregate TR

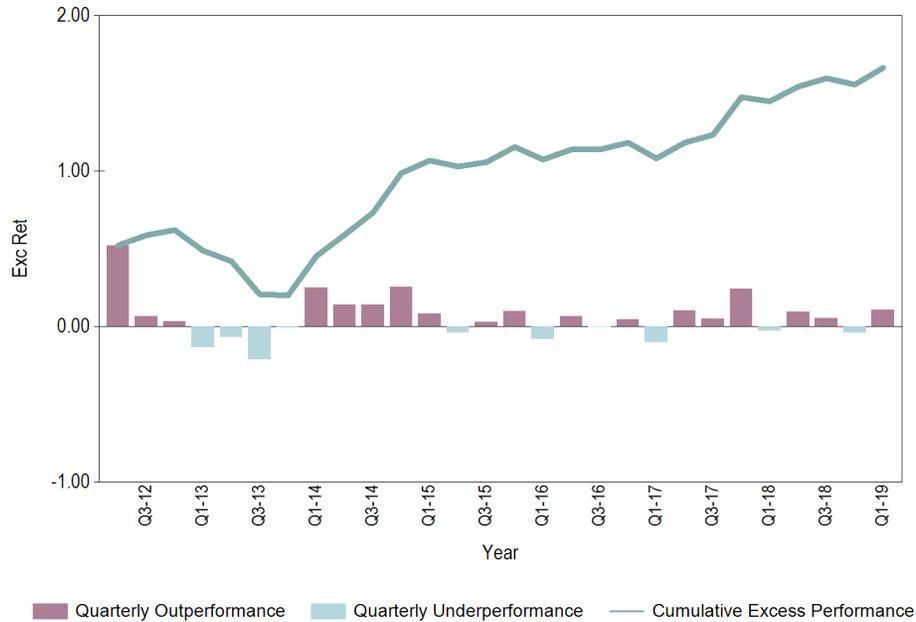
Peer Group Scatter Plot



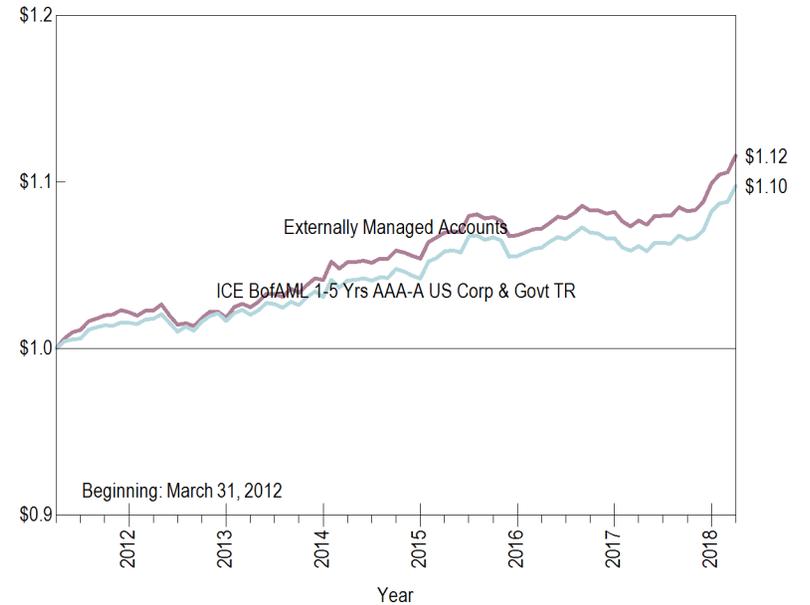
■ Met Water District of SoCal
 ◆ Total Fund Benchmark
 ● eV US Short Duration Fixed Inc Net



Quarterly Value Added and Excess Performance



Growth of a \$1



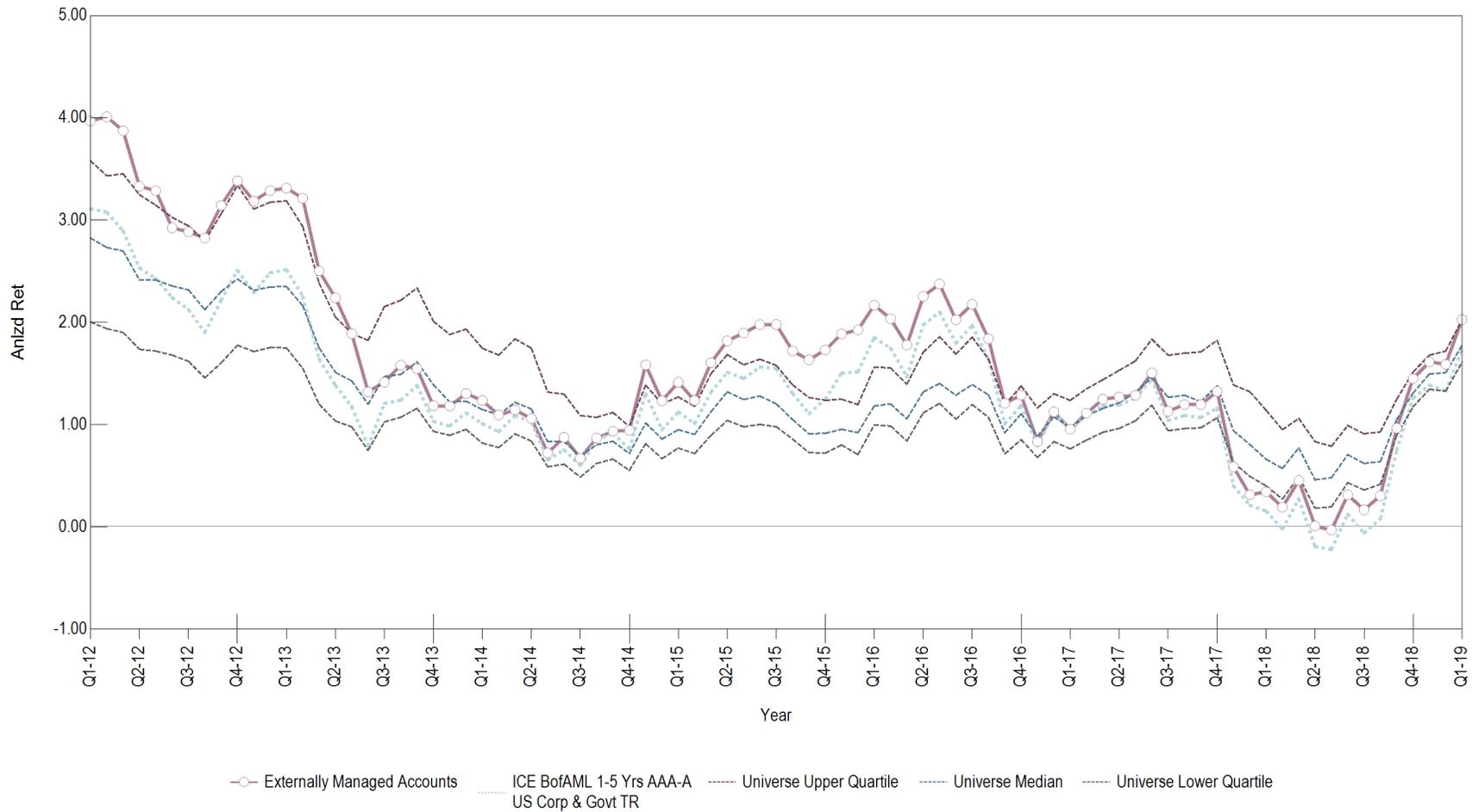
Statistics Summary

Since Inception

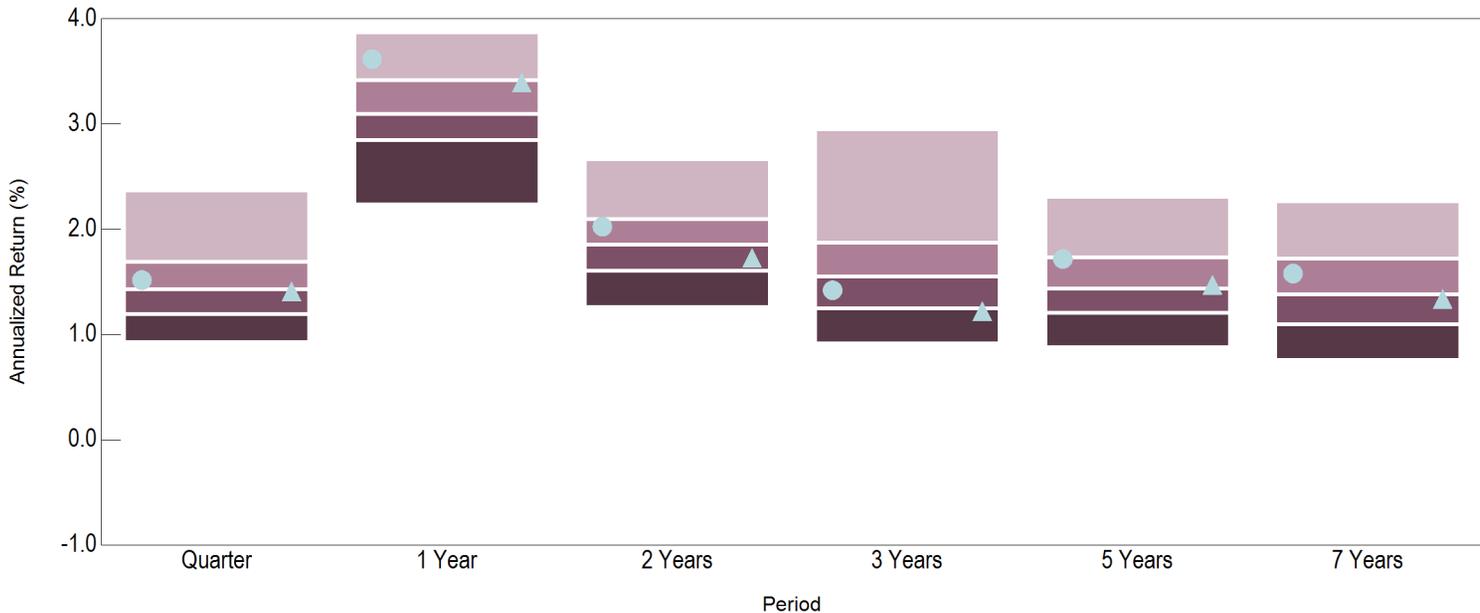
	Total Return	Anlzd Return	Ann Excess BM Return	Anlzd Standard Deviation	Anlzd Alpha J	Beta	Sharpe Ratio	R-Squared	Up Mkt Capture Ratio Anlzd	Down Mkt Capture Ratio Anlzd
Externally Managed Accounts	73.53%	3.31%	0.40%	2.09%	0.46%	0.96	0.98	0.75	103.60%	80.58%



Rolling 3 Year Annualized Return vs. eV US Short Duration Fixed Inc Net



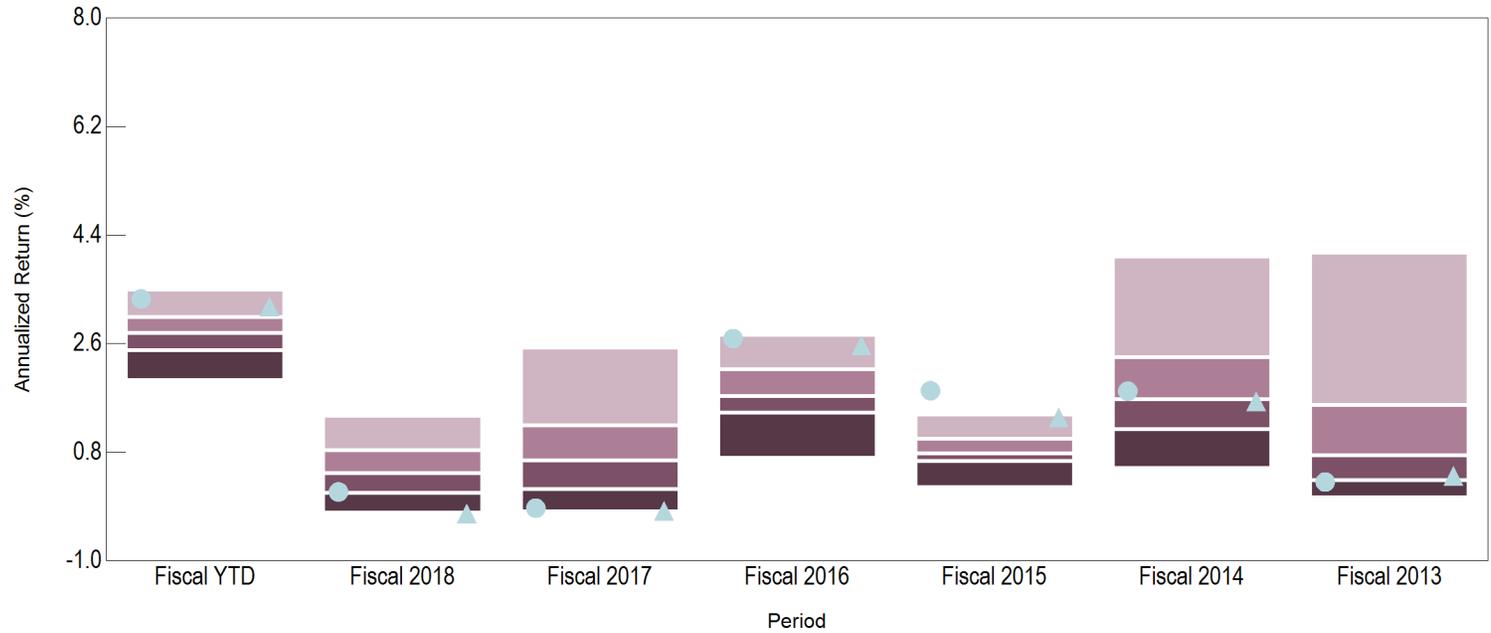
Returns Universe Comparison
Rolling Returns



	Quarter		1 Year		2 Years		3 Years		5 Years		7 Years	
Return (Rank)												
5th Percentile	2.4		3.9		2.7		2.9		2.3		2.3	
25th Percentile	1.7		3.4		2.1		1.9		1.7		1.7	
Median	1.4		3.1		1.9		1.6		1.4		1.4	
75th Percentile	1.2		2.8		1.6		1.2		1.2		1.1	
95th Percentile	0.9		2.2		1.3		0.9		0.9		0.8	
# of Portfolios	133		130		129		124		120		110	
● Externally Managed Accounts	1.5	(39)	3.6	(16)	2.0	(32)	1.4	(66)	1.7	(26)	1.6	(37)
▲ ICE BofAML 1-5 Yrs AAA-A US Corp & Govt T	1.4	(55)	3.4	(28)	1.7	(63)	1.2	(79)	1.5	(47)	1.3	(55)



Returns Universe Comparison
Fiscal Year Returns



	Return (Rank)													
	Fiscal YTD		Fiscal 2018		Fiscal 2017		Fiscal 2016		Fiscal 2015		Fiscal 2014		Fiscal 2013	
5th Percentile	3.5	1.4	2.5	2.7	1.4	4.0	4.1							
25th Percentile	3.1	0.8	1.2	2.2	1.0	2.4	1.6							
Median	2.8	0.5	0.7	1.7	0.8	1.7	0.8							
75th Percentile	2.5	0.1	0.2	1.5	0.7	1.2	0.3							
95th Percentile	2.0	-0.2	-0.2	0.7	0.2	0.5	0.1							
# of Portfolios	131	132	122	102	88	65	58							
● Externally Managed Accounts	3.3	(12)	0.1	(74)	-0.1	(93)	2.7	(8)	1.8	(3)	1.8	(46)	0.3	(78)
▲ ICE BofAML 1-5 Yrs AAA-A US Corp & Govt T	3.2	(19)	-0.2	(96)	-0.2	(95)	2.6	(13)	1.4	(7)	1.6	(54)	0.4	(72)

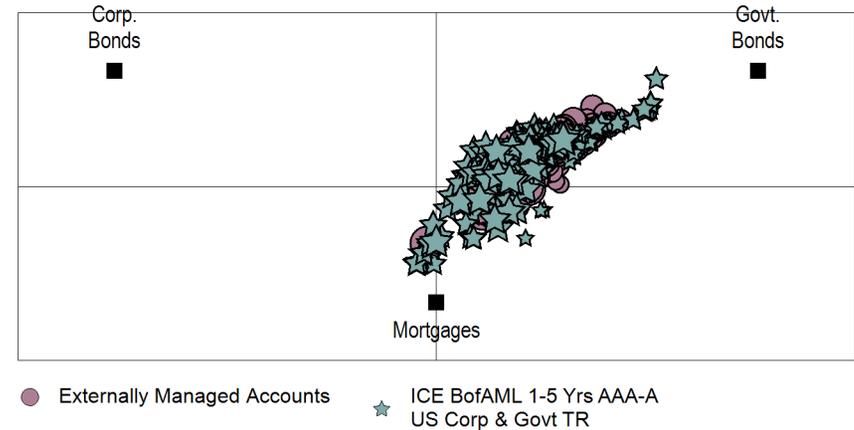


Since Inception Portfolio Statistics

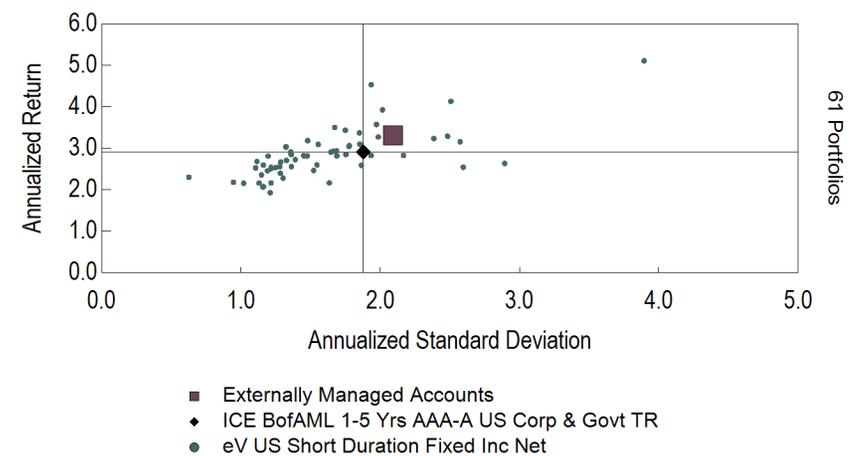
	Externally Managed Accounts	ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR
RETURN SUMMARY STATISTICS		
Number of Periods	203	203
Maximum Return	3.39	2.05
Minimum Return	-1.78	-1.57
Annualized Return	3.31	2.91
Total Return	73.53	62.58
Annualized Excess Return Over Risk Free	2.05	1.65
Annualized Excess Return	0.40	0.00
RISK SUMMARY STATISTICS		
Beta	0.96	1.00
Upside Deviation	1.68	1.42
Downside Deviation	1.25	1.09
RISK/RETURN SUMMARY STATISTICS		
Annualized Standard Deviation	2.09	1.88
Alpha	0.04	0.00
Sharpe Ratio	0.98	0.88
Excess Return Over Market / Risk	0.19	0.00
Tracking Error	1.05	0.00
Information Ratio	0.38	--
CORRELATION STATISTICS		
R-Squared	0.75	1.00
Correlation	0.86	1.00

Market Proxy: ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR
 Risk-Free Proxy: 91 Day T-Bills

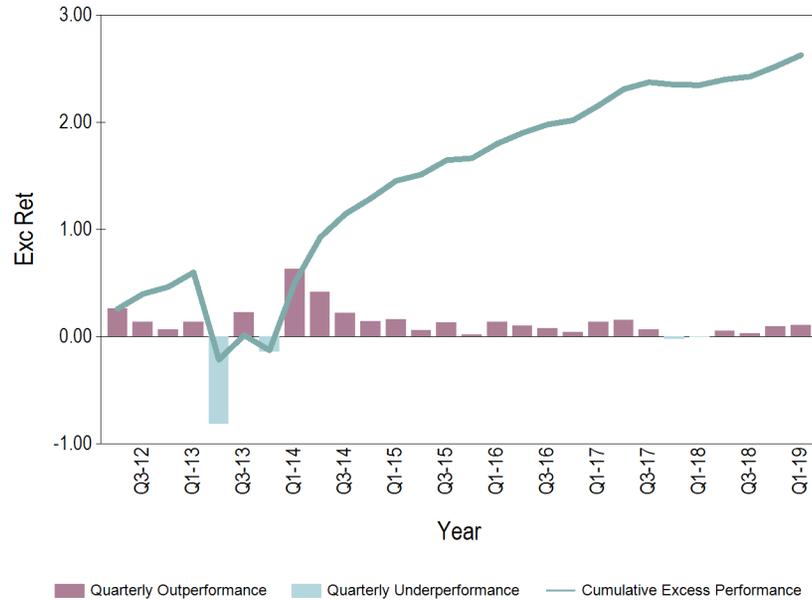
Style Analysis Box



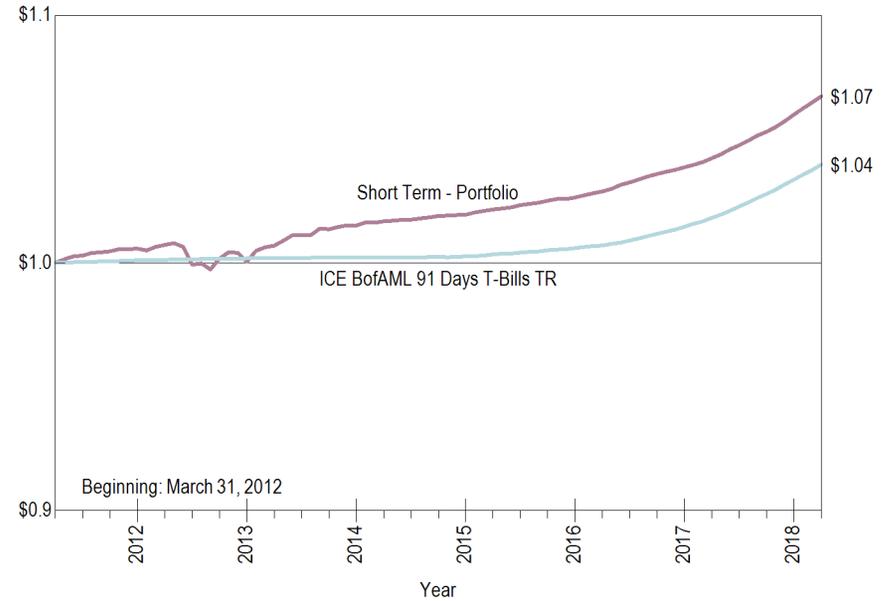
Peer Group Scatter Plot



Quarterly Value Added and Excess Performance



Growth of a \$1



Statistics Summary

Since Inception

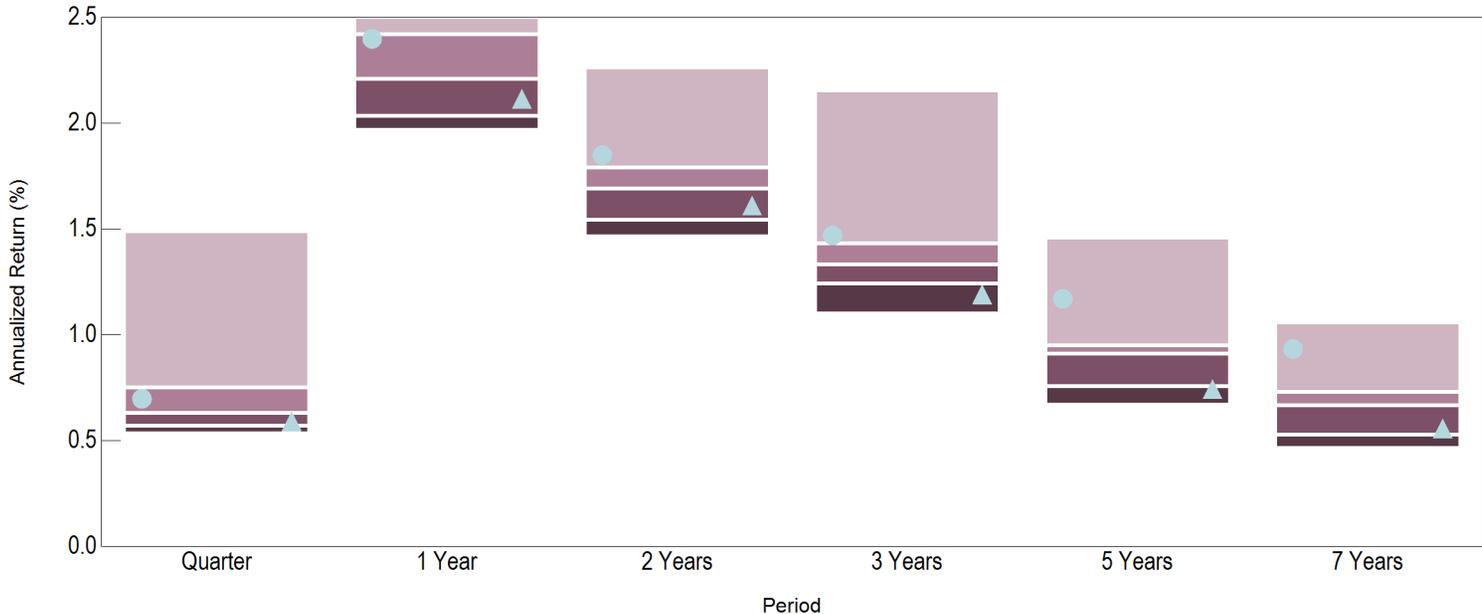
	Total Return	Anlzd Return	Ann Excess BM Return	Anlzd Standard Deviation	Anlzd Alpha J	Beta	Sharpe Ratio	Up Mkt Capture Ratio Anlzd	Down Mkt Capture Ratio Anlzd
Short Term - Portfolio	36.99%	1.88%	0.53%	0.62%	0.54%	0.87	0.99	134.74%	-2,249.23%
ICE BofAML 91 Days T-Bills TR	25.42%	1.35%	0.00%	0.47%	0.00%	1.00	0.17	100.00%	100.00%



Rolling 3 Year Annualized Return vs. eV US Cash Management Net



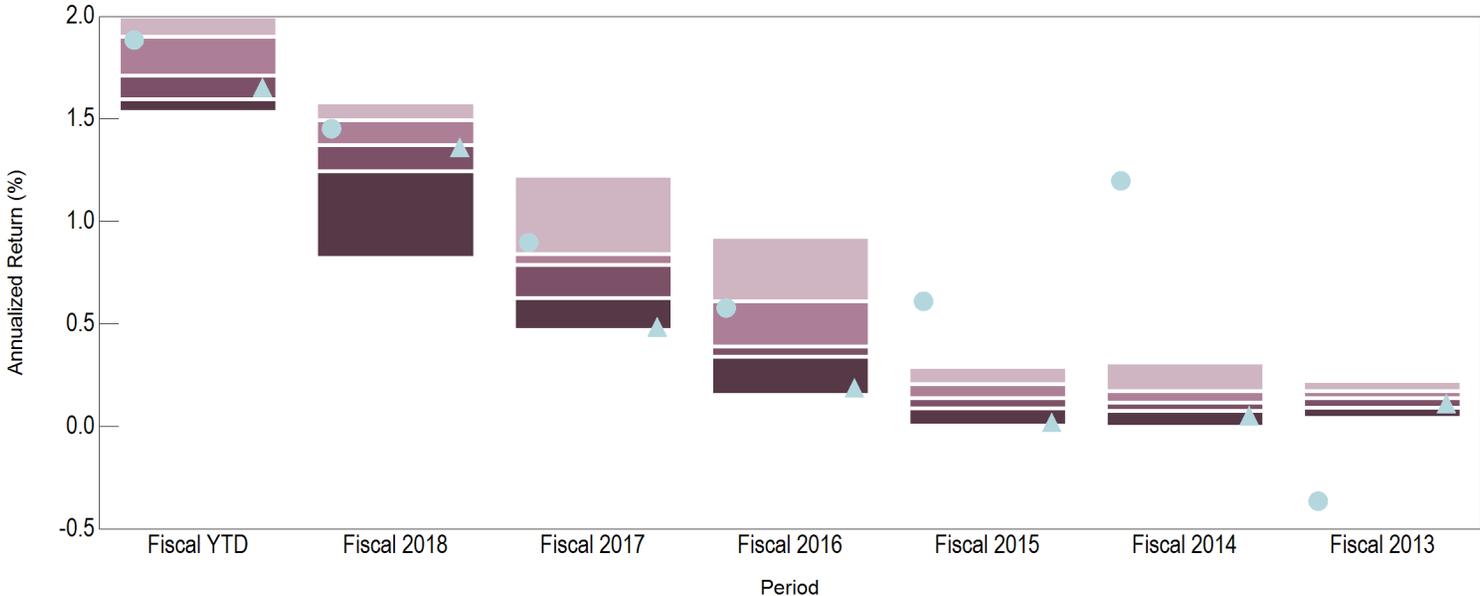
Returns Universe Comparison
Rolling Returns



	Quarter	1 Year	2 Years	3 Years	5 Years	7 Years
5th Percentile	1.5	3.2	2.3	2.2	1.5	1.1
25th Percentile	0.8	2.4	1.8	1.4	1.0	0.7
Median	0.6	2.2	1.7	1.3	0.9	0.7
75th Percentile	0.6	2.0	1.5	1.2	0.8	0.5
95th Percentile	0.5	2.0	1.5	1.1	0.7	0.5
# of Portfolios	23	23	23	21	20	16
● Short Term - Portfolio	0.7 (30)	2.4 (26)	1.8 (17)	1.5 (19)	1.2 (17)	0.9 (10)
▲ ICE BofAML 91 Days T-Bills TR	0.6 (67)	2.1 (66)	1.6 (64)	1.2 (78)	0.7 (77)	0.6 (69)



Returns Universe Comparison
Fiscal Year Returns



	Return (Rank)													
	Fiscal YTD		Fiscal 2018		Fiscal 2017		Fiscal 2016		Fiscal 2015		Fiscal 2014		Fiscal 2013	
5th Percentile	2.6	1.6	1.2	0.9	0.3	0.3	0.2	2.6	1.6	1.2	0.9	0.3	0.3	0.2
25th Percentile	1.9	1.5	0.8	0.6	0.2	0.2	0.2	1.9	1.5	0.8	0.6	0.2	0.2	0.2
Median	1.7	1.4	0.8	0.4	0.1	0.1	0.1	1.7	1.4	0.8	0.4	0.1	0.1	0.1
75th Percentile	1.6	1.2	0.6	0.3	0.1	0.1	0.1	1.6	1.2	0.6	0.3	0.1	0.1	0.1
95th Percentile	1.5	0.8	0.5	0.2	0.0	0.0	0.0	1.5	0.8	0.5	0.2	0.0	0.0	0.0
# of Portfolios	23	23	19	17	17	12	11	23	23	19	17	17	12	11
● Short Term - Portfolio	1.9	(27)	1.5	(30)	0.9	(19)	0.6	(27)	0.6	(1)	1.2	(1)	-0.4	(99)
▲ ICE BofAML 91 Days T-Bills TR	1.7	(62)	1.4	(57)	0.5	(94)	0.2	(87)	0.0	(88)	0.1	(85)	0.1	(66)



Since Inception Portfolio Statistics

Short Term - Portfolio ICE BofAML 91 Days T-Bills TR

RETURN SUMMARY STATISTICS

Number of Periods	203	203
Maximum Return	0.64	0.56
Minimum Return	-0.86	-0.01
Annualized Return	1.88	1.35
Total Return	36.99	25.42
Annualized Excess Return Over Risk Free	0.61	0.08
Annualized Excess Return	0.53	0.00

RISK SUMMARY STATISTICS

Beta	0.87	1.00
Upside Deviation	0.49	0.47
Downside Deviation	0.91	0.01

RISK/RETURN SUMMARY STATISTICS

Annualized Standard Deviation	0.62	0.47
Alpha	0.06	0.00
Sharpe Ratio	0.99	0.17
Excess Return Over Market / Risk	0.86	0.00
Tracking Error	0.47	0.00
Information Ratio	1.13	--

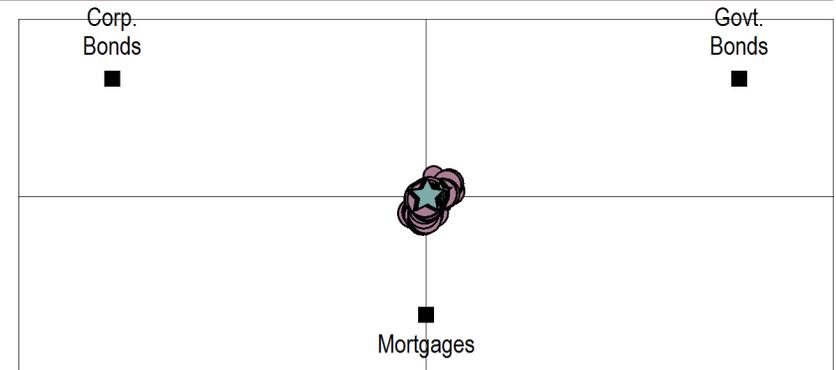
CORRELATION STATISTICS

R-Squared	0.43	1.00
Correlation	0.66	1.00

Market Proxy: ICE BofAML 91 Days T-Bills TR

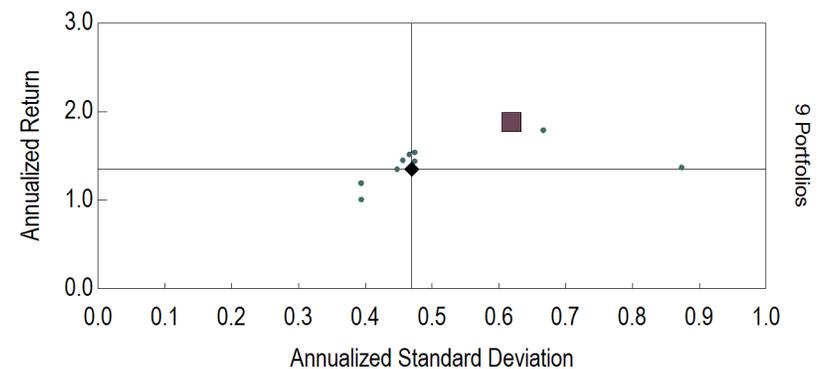
Risk-Free Proxy: 91 Day T-Bills

Style Analysis Box



● Short Term - Portfolio ★ ICE BofAML 91 Days T-Bills TR

Peer Group Scatter Plot



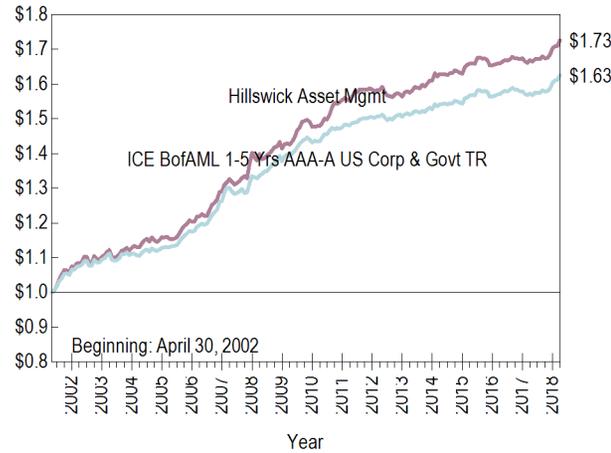
■ Short Term - Portfolio ◆ ICE BofAML 91 Days T-Bills TR ● eV US Cash Management Net



Account Information

Account Name	Hillswick Asset Mgmt
Account Structure	Separate Account
Investment Style	Active
Inception Date	5/01/02
Account Type	US Fixed Income Investment Grade
Benchmark	ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR
Universe	eV US Short Duration Fixed Inc Net

Investment Growth



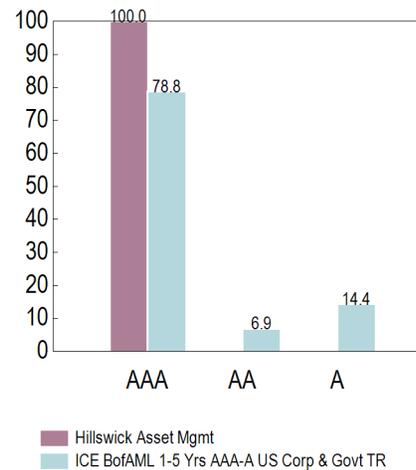
Hillswick Asset Mgmt Fixed Income Characteristics vs. ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR

	Portfolio Q1-19	Index Q1-19
Fixed Income Characteristics		
Yield to Maturity	2.4	2.4
Average Duration	2.9	2.6
Average Quality	AAA	AAA
Weighted Average Maturity	3.1	2.8

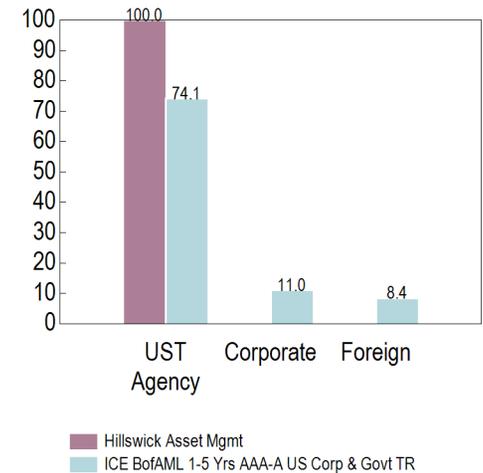
Portfolio Performance Summary

	QTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Hillswick Asset Mgmt	1.4	3.2	3.4	1.3	1.8	2.1	3.3	May-02
ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR	1.4	3.2	3.4	1.2	1.5	2.0	2.9	May-02

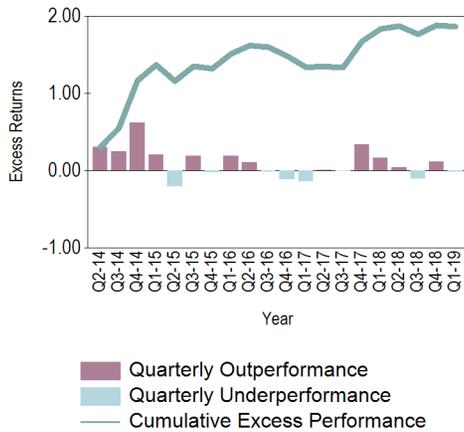
Credit Quality Allocation



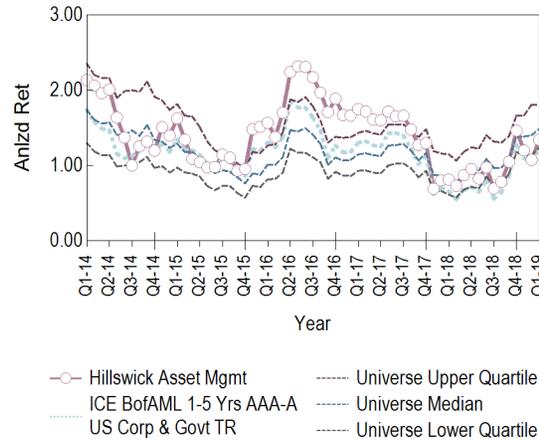
US Sector Allocation



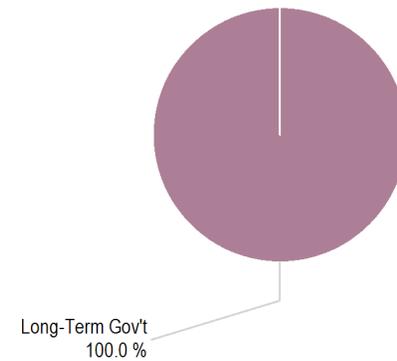
Quarterly and Cumulative Excess Performance



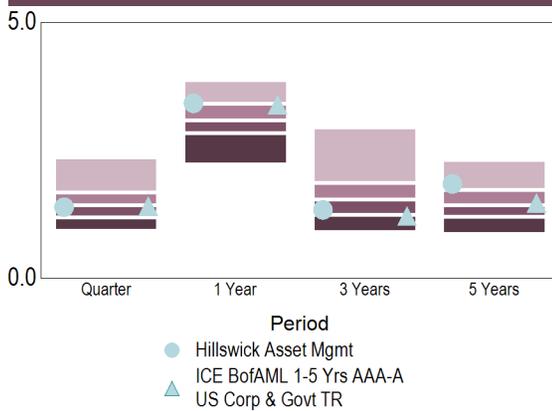
Rolling 3 Year Annualized Return vs. Peer Group



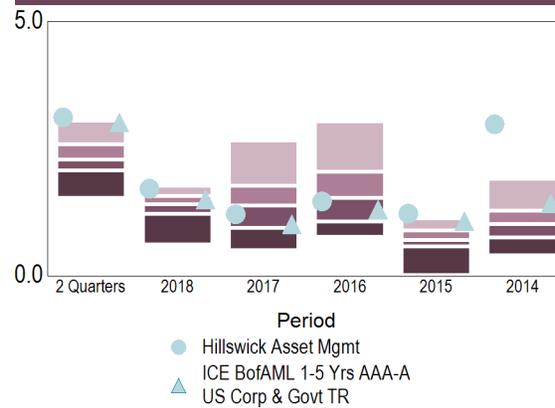
Asset Allocation



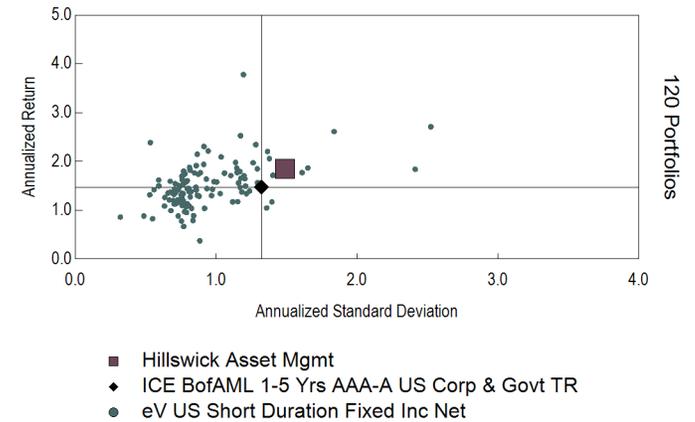
Rolling Peer Group Returns
eV US Short Duration Fixed Inc Net



Calendar Year Peer Group Returns
eV US Short Duration Fixed Inc Net



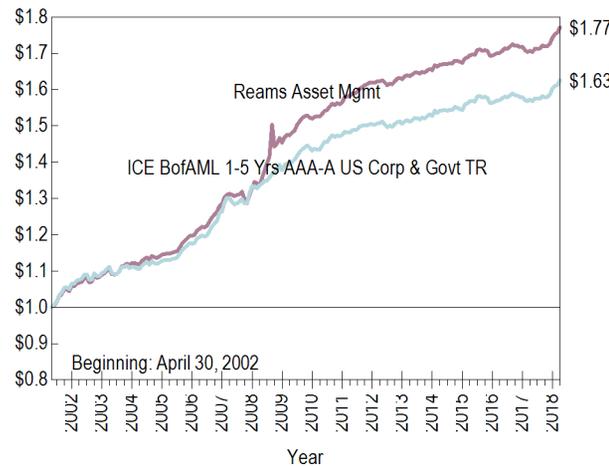
Risk Reward



Account Information

Account Name	Reams Asset Mgmt
Account Structure	Separate Account
Investment Style	Active
Inception Date	5/01/02
Account Type	US Fixed Income Investment Grade
Benchmark	ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR
Universe	eV US Short Duration Fixed Inc Net

Investment Growth



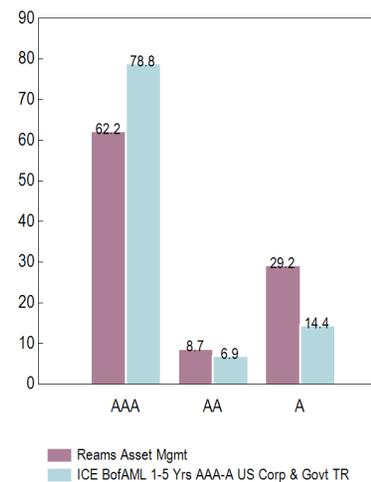
Reams Asset Mgmt Fixed Income Characteristics vs. ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR

	Portfolio Q1-19	Index Q1-19
Fixed Income Characteristics		
Yield to Maturity	2.5	2.4
Average Duration	2.3	2.6
Average Quality	AAA	AAA
Weighted Average Maturity	2.6	2.8

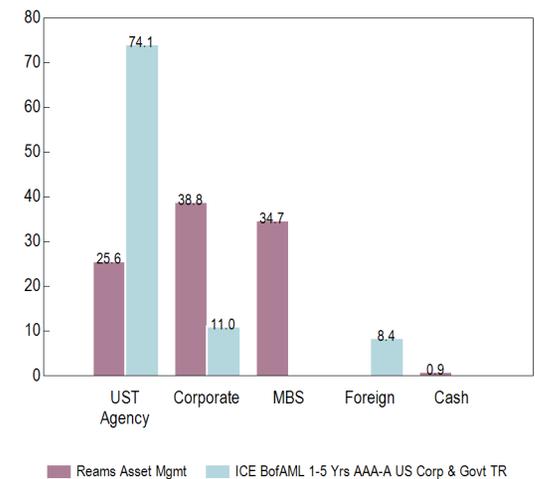
Portfolio Performance Summary

	QTD (%)	Fiscal YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)	Inception (%)	Inception Date
Reams Asset Mgmt	1.6	3.5	3.8	1.5	1.6	2.9	3.4	May-02
ICE BofAML 1-5 Yrs AAA-A US Corp & Govt TR	1.4	3.2	3.4	1.2	1.5	2.0	2.9	May-02

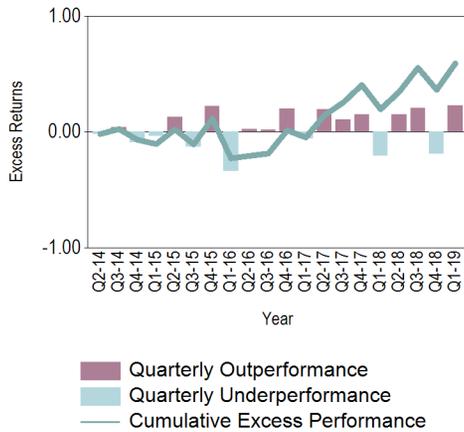
Credit Quality Allocation



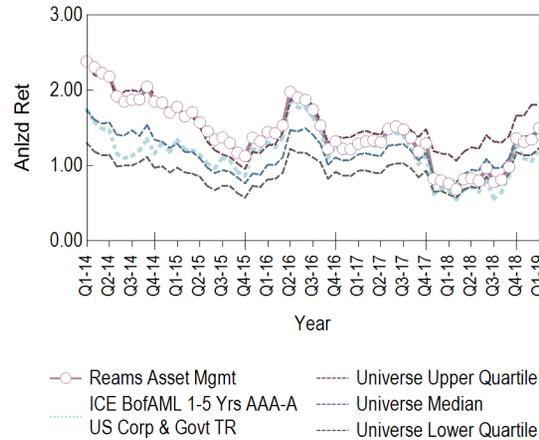
US Sector Allocation



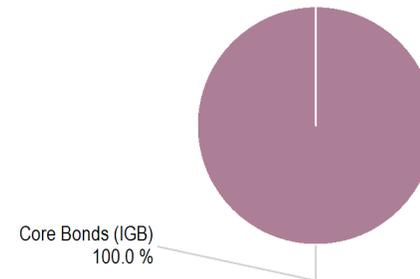
Quarterly and Cumulative Excess Performance



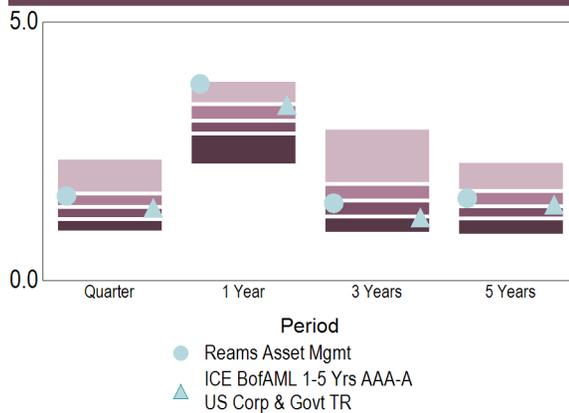
Rolling 3 Year Annualized Return vs. Peer Group



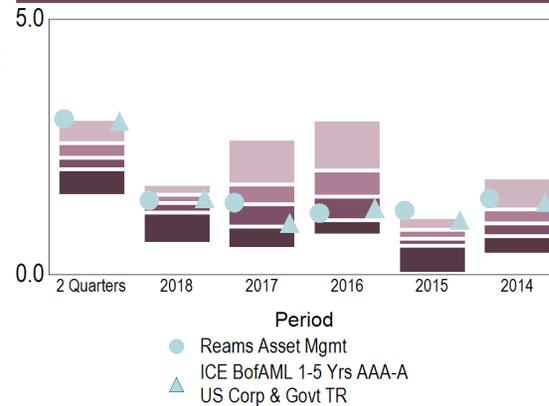
Asset Allocation



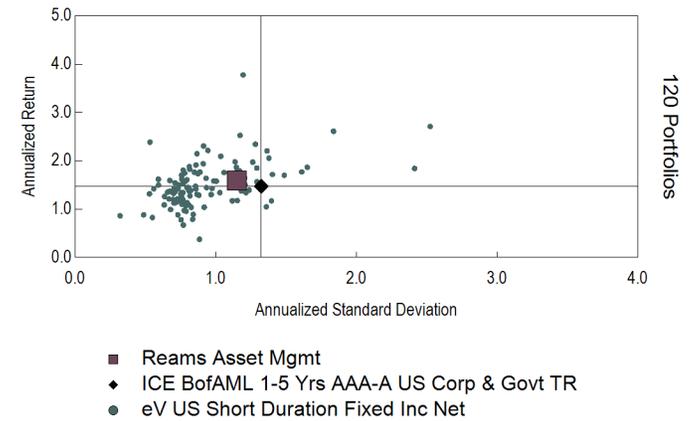
Rolling Peer Group Returns
eV US Short Duration Fixed Inc Net



Calendar Year Peer Group Returns
eV US Short Duration Fixed Inc Net



Risk Reward



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