



New York City
Police Superior Officers' Variable Supplements Fund
Performance Overview as of September 30, 2017

Total Fund Overview

**New York City
Police Superior Officers' Variable Supplements Fund**

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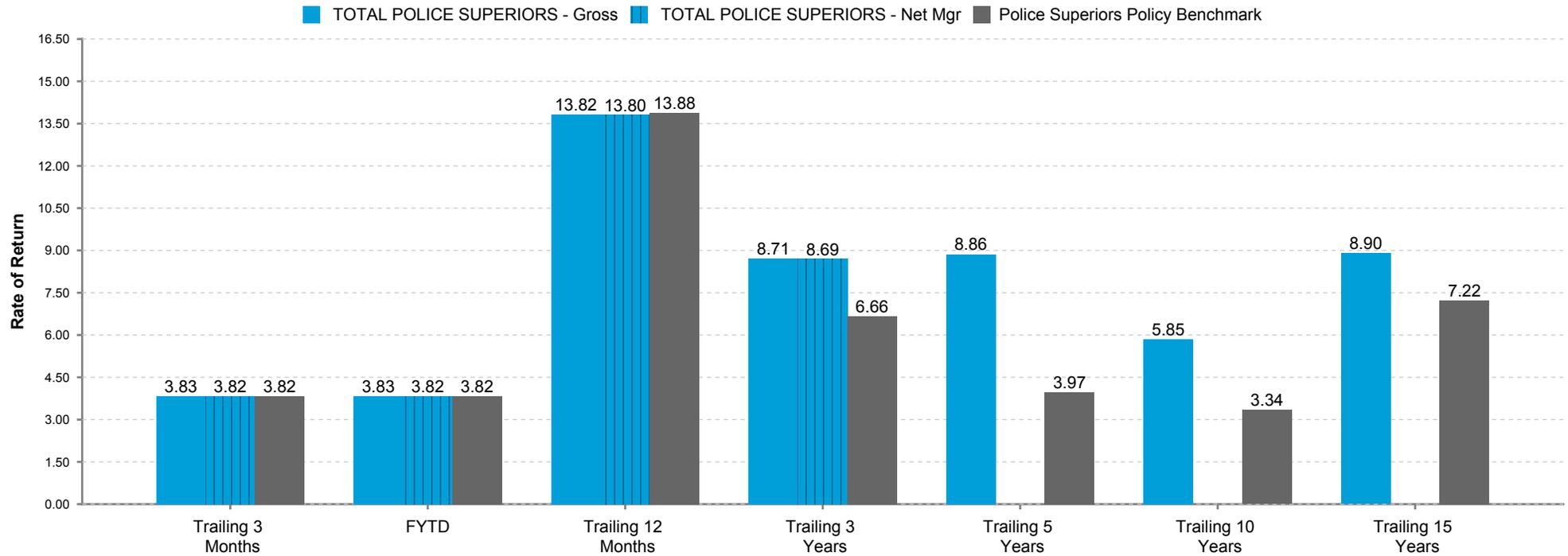
Total Portfolio Returns: September 30, 2017



Market Value (Millions)

TOTAL POLICE SUPERIORS

\$243.8



	Plan 3 Years	Benchmark 3 Years	Plan 5 Years	Benchmark 5 Years	Plan 7 Years	Benchmark 7 Years	Plan 10 Years	Benchmark 10 Years
Standard Deviation								
TOTAL POLICE SUPERIORS	7.5	7.7	8.9	6.0	7.5	7.2	10.8	11.3

Securities Lending Income

Through September 30, 2017



NYC POLICE SUPERIOR OFFICERS' VARIABLE SUPPLEMENTS FUND
SECURITIES LENDING INCOME
September 30, 2017

	<u>U. S.</u> <u>FIXED INCOME</u>	<u>U. S.</u> <u>EQUITY</u>	<u>INTERNATIONAL</u> <u>EQUITY</u>	<u>TOTAL</u>
2001	54,000	119,000	11,000	184,000
2002	36,000	68,000	39,000	143,000
2003	32,000	87,000	120,000	239,000
2004	74,000	120,000	122,000	316,000
2005	204,000	244,000	126,000	574,000
2006	184,000	319,000	159,000	662,000
2007	358,000	503,000	138,000	999,000
2008	961,000	852,000	199,000	2,012,000
2009	271,000	515,000	96,000	882,000
2010	62,000	179,000	55,000	296,000
2011	46,000	178,000	8,000	232,000
2012	4,900	90,000	-	94,900
2013	-	21,000	-	21,000
2014	-	-	18,000	18,000
2015	9,500	30,000	304,000	343,500
2016	13,000	161,000	192,000	366,000
2017 (9 months)	7,000	30,000	44,000	81,000
Since Inception	<u>2,316,400</u>	<u>3,516,000</u>	<u>1,631,000</u>	<u>7,463,400</u>

**New York City
Police Superior Officers' Variable Supplements Fund**

Appendix A

Consolidated Performance Report

Consolidated Performance Report

Through September 30, 2017



	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2016	2015	2014	2013	2012	3 Year	5 Year	10 Year	ITD	Inception Date	
SYSTEM RETURN SUMMARY																
5	PSOVSF-TOTAL PORTFOLIO - GROSS	244	100.00	3.83	3.83	12.64	7.25	0.23	25.70	0.36	10.57	8.71	8.86	5.85	8.57	01/01/1988
	ESTIMATED INVESTMENT FEES			(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.00)			(0.02)				
	EST MANAGEMENT FEES			(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.00)							
	EST INCENTIVE FEES															
	EST OTHER FEES															
	EST FEE OFFSETS															
	PSOVSF-TOTAL PORTFOLIO - NET MGR			3.82	3.82	12.63	7.23	0.21	25.69			8.69				
	POLICE SUPERIORS POLICY BENCHMARK			3.82	3.82	12.88	7.15	0.31	0.03	0.07	10.08	6.66	3.97	3.34		
	EXCESS RETURN			0.00	0.00	(0.25)	0.08	(0.10)	25.66	0.29	0.49	2.03	4.89	2.52		
EQUITY RETURN SUMMARY																
17	PSOVSF-TOTAL EQUITY - GROSS	161	66.04	5.45	5.45	16.35	8.60	0.63	(5.49)		13.85	8.12				08/01/2001
	ESTIMATED INVESTMENT FEES			(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00			(0.01)				
	EST MANAGEMENT FEES			(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00							
	EST INCENTIVE FEES															
	EST OTHER FEES															
	EST FEE OFFSETS															
	PSOVSF-TOTAL EQUITY - NET MGR			5.45	5.45	16.34	8.59	0.62	(5.49)			8.11				
25	PSOVSF-TOTAL DOMESTIC EQUITY - GROSS	83	34.16	4.58	4.58	13.79	12.87	0.63						9.79		01/01/2015
	ESTIMATED INVESTMENT FEES			(0.00)	(0.00)	(0.00)	(0.01)	(0.00)						(0.00)		
	PSOVSF-TOTAL DOMESTIC EQUITY - NET MGR			4.58	4.58	13.78	12.87	0.63						9.78		
	RUSSELL 3000 (DAILY)			4.57	4.57	13.91	12.74	0.48						9.72		
	EXCESS RETURN			0.01	0.01	(0.13)	0.13	0.15						0.06		

Consolidated Performance Report

Through September 30, 2017



	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2016	2015	2014	2013	2012	3 Year	5 Year	10 Year	ITD	Inception Date
EQUITY RETURN SUMMARY															
37	PSOVSF-TOTAL INTERNATIONAL - GROSS	78	31.88	6.40	6.40	20.16	1.33	(8.27)		21.31					04/01/2004
	ESTIMATED INVESTMENT FEES			(0.01)	(0.01)	(0.02)	(0.02)	0.00							
	PSOVSF-TOTAL INTERNATIONAL - NET MGR			6.39	6.39	20.15	1.31	(8.27)							
	MSCI EAFE			5.40	5.40	19.96	1.00	(4.90)		17.32					
	EXCESS RETURN			0.99	0.99	0.19	0.31	(3.37)		3.99					
47	PSOVSF-TOTAL DEVELOPED ex-US EQUITY - GROSS	59	24.17	5.94	5.94	19.74	1.33							7.11	02/01/2015
	ESTIMATED INVESTMENT FEES			(0.00)	(0.00)	(0.01)	(0.02)							(0.02)	
	PSOVSF-TOTAL DEVELOPED ex-US EQUITY - NET MGR			5.94	5.94	19.74	1.31							7.09	
	NYC CUSTOM WORLD EX US INDEX			5.62	5.62	19.08	1.00							6.65	
	EXCESS RETURN			0.32	0.32	0.66	0.31							0.44	
57	PSOVSF-TOTAL EMERGING MARKETS - GROSS	19	7.71	7.87	7.87									7.87	07/01/2017
	ESTIMATED INVESTMENT FEES			(0.04)	(0.04)									(0.04)	
	PSOVSF-TOTAL EMERGING MARKETS - NET MGR			7.83	7.83									7.83	
	MSCI EMERGING MARKETS			7.89	7.89									7.89	
	EXCESS RETURN			(0.07)	(0.07)									(0.07)	

Consolidated Performance Report

Through September 30, 2017



	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2016	2015	2014	2013	2012	3 Year	5 Year	10 Year	ITD	Inception Date	
FIXED INCOME RETURN SUMMARY																
69	PSOVSF-TOTAL FIXED INCOME - GROSS	82	33.75	0.79	0.79	3.25	3.37	(1.42)	0.09	0.15	5.28	1.71	1.09	4.29	6.04	04/01/1991
	ESTIMATED INVESTMENT FEES			(0.00)	(0.00)	(0.03)	(0.04)	(0.04)	0.00			(0.03)				
	EST MANAGEMENT FEES			(0.00)	(0.00)	(0.03)	(0.04)	(0.04)	0.00							
	EST INCENTIVE FEES															
	EST OTHER FEES															
	EST FEE OFFSETS															
	PSOVSF-TOTAL FIXED INCOME - NET MGR			0.79	0.79	3.23	3.33	(1.46)	0.09		1.68					
77	PSOVSF-TOTAL STRUCTURED FIXED INCOME - GROSS	82	33.75	0.79	0.79	3.61	3.64							1.87	02/01/2015	
	ESTIMATED INVESTMENT FEES			(0.00)	(0.00)	(0.03)	(0.04)							(0.04)		
	PSOVSF-TOTAL STRUCTURED FIXED INCOME - NET MGR			0.79	0.79	3.58	3.60							1.82		
	NYC - CORE PLUS FIVE			1.00	1.00	3.85	3.20							1.86		
	EXCESS RETURN			(0.21)	(0.21)	(0.27)	0.40							(0.04)		
CASH SUMMARY																
89	POLICE SUPERIOR OFFICERS SHORT TERM - GROSS	-	0.00	0.00	0.00	0.45	0.90	0.24	0.09	0.16	0.31	0.53	0.38		01/01/1999	
	ESTIMATED INVESTMENT FEES						0.00	0.00	0.00		0.00					
	POLICE SUPERIOR OFFICERS SHORT TERM - NET MGR						0.90	0.24	0.09	0.31						
93	SECURITY LENDING	0	0.20													

**New York City
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Appendix B

Public Markets Manager Performance Detail

Public Markets Manager Performance Detail

Net Returns Through September 30, 2017



	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2016	2015	2014
EQUITY SUMMARY								
US EQUITY								
NYC PSOVSF BLACKROCK R2000 GROWTH MTA	3	1.41	6.24	6.24	16.85	11.29	(1.30)	
RUSSELL 2000 GROWTH DAILY			6.22	6.22	16.81	11.32	(1.38)	
Excess			0.02	0.02	0.04	(0.02)	0.08	
NYC PSOVSF BLACKROCK R2000 VALUE MTA	3	1.42	5.11	5.11	5.10	31.71	(7.38)	
RUSSELL 2000 VALUE DAILY			5.11	5.11	5.68	31.74	(7.47)	
Excess			0.00	0.00	(0.58)	(0.03)	0.09	
NYC PSOVSF BLACKROCK R1000 GROWTH MTA	38	15.59	5.91	5.91	20.76	7.06	5.77	
RUSSELL 1000 GROWTH - DAILY			5.90	5.90	20.72	7.08	5.67	
Excess			0.01	0.01	0.04	(0.02)	0.10	
NYC PSOVSF BLACKROCK R1000 VALUE MTA	38	15.74	3.12	3.12	7.90	17.31	(3.66)	
RUSSELL 1000 VALUE (DAILY)			3.11	3.11	7.92	17.34	(3.83)	
Excess			0.00	0.00	(0.02)	(0.03)	0.17	
NON - US EQUITY								
SSGA EAFE	50	20.60	5.68	5.68	19.48	1.31		
NYC Custom World ex US Index			5.62	5.62	19.08	1.00		
Excess			0.06	0.06	0.40	0.31		
SSGA EAFE SC IDX	9	3.56	7.47	7.47				
MSCI EAFE SMALL CAP NET (DAILY)			7.46	7.46				
Excess			0.02	0.02				
EMERGING MARKETS								
EM BLACKROCK	19	7.71	7.82	7.82				
MSCI EMERGING MARKETS			7.89	7.89				
Excess			(0.07)	(0.07)				

Public Markets Manager Performance Detail

Net Returns Through September 30, 2017



	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2016	2015	2014
FIXED INCOME SUMMARY								
STRUCTURED FIXED INCOME								
SSGA-US AGG BD INDEX	82	33.78	0.83	0.83				
BBG BARC Agg (Dly)			0.85	0.85				
Excess			(0.02)	(0.02)				
CASH								
POLICE SUPERIOR OFFICERS SHORT TERM	0	0.00				0.90	0.24	
91 DAY T-BILL						0.33	0.05	
Excess						0.57	0.19	
SECURITY LENDING	0	0.20						

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Appendix C

Footnotes

Footnotes

Through September 30, 2017



- Effective 4/1/03, the name of the Core +5 benchmark index provider was changed from Salomon to Citigroup.
- Effective 7/1/03, the “NYC-Loomis” benchmark index for the Loomis Sayles Enhanced Yield portfolio reflects a change from the Citigroup BB&B Index to the more appropriate Merrill Lynch High Yield Master II Index.
- Effective 7/1/09, the Core+5 program was restructured.
- The U.S. Gov’t sector benchmark Index was changed from the Citigroup Core+5 Treasury/Gov’t Sponsored Index to the Citigroup Core+5 Treasury/Agency Index.
- The Corporate and Yankee sectors were combined to form the new Investment Grade Credit sector. The benchmark for the new combined sector is the customized Citigroup Credit Index. For historical performance purposes, the old Corporate sector Index is linked to the new Credit sector Index.
- There were no changes to the Mortgage sector Index.
- The total Core+5 results and benchmark returns combine the three sectors. Historical total Core+5 returns continue to include the old Corporate and Yankee sector returns.

General Notes

- Returns are Net of Manager Fees for periods after January 2014 and Gross of investment advisory fees for other periods unless otherwise indicated.

Page Specific

Page 3 – Total Plan vs Policy Benchmark

- **Policy Index = Custom Benchmark**

The “policy index” is a custom benchmark representing the weighted average return of the weighted benchmark indexes for each major investment program. Weights may reflect an adjustment of actual policy for outstanding commitments for new or revised programs, such as for private market programs, which are invested gradually, or for any new or updated program requiring the completion of RFPs and contracts. The policy index/custom benchmark is calculated monthly based on adjusted policy weights at the beginning of each month.

The indexes and most recent policy weights are as follows:

*U.S. Equity: Russell 3000 * 33.90%*

International Developed (EAFE) Markets: MSCI World ex USA IMI Net 23.80%*

*Emerging Markets: MSCI Emerging Markets * 7.30%*

*Domestic Fixed Income: Barclays Aggregate * 35.00%*

*Cash: 91 Day T-Bill * 0.00%*