



New York City
Police Superior Officers' Variable Supplements Fund
Performance Overview as of December 31, 2015

# **Total Fund Overview**



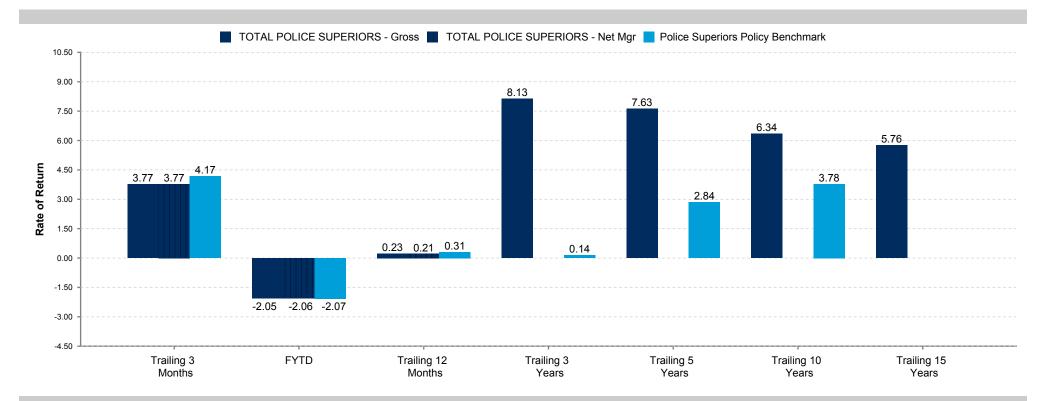
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#### Market Value (Millions)

TOTAL POLICE SUPERIORS \$442.0



	Plan 3 Years	Benchmark 3 Years	Plan 5 Years	Benchmark 5 Years	Plan 7 Years	Benchmark 7 Years	Plan 10 Years	Benchmark 10 Years
<b>Standard Deviation</b>								
TOTAL POLICE SUPERIORS	7.2	5.7	7.6	7.1	9.9	10.3	10.8	11.2

Through December 31, 2015



## NYC POLICE SUPERIOR OFFICERS' VARIABLE SUPPLEMENTS FUND SECURITIES LENDING INCOME

#### December 31, 2015

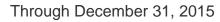
	U.S. <u>FIXED INCOME</u>	U.S. <u>EQUITY</u>	INTERNATIONAL <u>EQUITY</u>
2001	54,000	119,000	11,000
2002	36,000	68,000	39,000
2003	32,000	87,000	120,000
2004	74,000	120,000	122,000
2005	204,000	244,000	126,000
2006	184,000	319,000	159,000
2007	358,000	503,000	138,000
2008	961,000	852,000	199,000
2009	271,000	515,000	96,000
2010	62,000	179,000	55,000
2011	46,000	178,000	8,000
2012	4,900	90,000	0
2013	O	21,000	0
2014	O	o	18,000
2015	9,500	30,000	304,000



# **Appendix A**

# Consolidated Performance Report

### **Consolidated Performance Report**





		Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2014	2013	2012	2011	2010	5 Year	10 Year	ITD	Inception Date
	SYSTEM RETURN SUMMARY														
5	PSOVSF-TOTAL PORTFOLIO - GROSS ESTIMATED INVESTMENT FEES	442	100.00	3.77 (0.00)	(2.05) (0.01)	0.23 (0.02)	25.70 (0.01)	0.36	10.57	3.33	12.84	7.63	6.34	8.40	01/01/1988
	EST MANAGEMENT FEES EST INCENTIVE FEES EST OTHER FEES EST FEE OFFSETS			(0.00)	(0.01)	(0.02)	(0.01)								
	PSOVSF-TOTAL PORTFOLIO - NET MGR POLICE SUPERIORS POLICY BENCHMARK			3.77 4.17	(2.06) (2.07)	0.21 0.31	25.69 0.03	0.07	10.08	4.06	13.00	2.84	3.78		
	EXCESS RETURN			(0.40)	0.02	(0.10)	25.66	0.29	0.49	(0.73)	(0.16)	4.79	2.57		
	EQUITY RETURN SUMMARY														
17	PSOVSF-TOTAL EQUITY - GROSS ESTIMATED INVESTMENT FEES	322	72.91	5.77 (0.00)	(3.07) (0.00)	0.63 (0.01)	(5.49) 0.00		13.85	32.03	(20.19)				08/01/2001
	EST MANAGEMENT FEES EST INCENTIVE FEES EST OTHER FEES EST FEE OFFSETS			(0.00)	(0.00)	(0.01)	0.00								
	PSOVSF-TOTAL EQUITY - NET MGR			5.77	(3.08)	0.62	(5.49)								
25	PSOVSF-TOTAL DOMESTIC EQUITY - GROSS ESTIMATED INVESTMENT FEES PSOVSF-TOTAL DOMESTIC EQUITY - NET MGR	203	45.83	6.33 (0.00) 6.33	(1.28) (0.00) (1.28)	0.63 (0.00) 0.63								0.63 (0.00) 0.63	01/01/2015
	RUSSELL 3000 (DAILY) EXCESS RETURN			6.27 0.06	(1.43) 0.16	0.48 <b>0.15</b>								0.48 <b>0.15</b>	
35	PSOVSF-TOTAL INTERNATIONAL - GROSS ESTIMATED INVESTMENT FEES PSOVSF-TOTAL INTERNATIONAL - NET MGR MSCI EAFE EXCESS RETURN	120	27.09	4.83 (0.01) 4.83 4.71 0.12	(6.02) (0.01) (6.02) (6.01) (0.02)									(1.04) (0.02) (1.06) (1.30) <b>0.24</b>	02/01/2015

### **Consolidated Performance Report**





		Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2014	2013	2012	2011	2010	5 Year	10 Year	ITD	Inception Date
	FIXED INCOME RETURN SUMMARY														
47	PSOVSF-TOTAL FIXED INCOME - GROSS ESTIMATED INVESTMENT FEES	119	27.03	(0.61) (0.01)	0.29 (0.02)	(1.42) (0.04)	0.09 0.00	0.15	5.28	6.93	9.56	2.15	4.48	6.20	04/01/1991
	EST MANAGEMENT FEES EST INCENTIVE FEES EST OTHER FEES EST FEE OFFSETS			(0.01)	(0.02)	(0.04)	0.00								
	PSOVSF-TOTAL FIXED INCOME - NET MGR			(0.62)	0.28	(1.46)	0.09								
55	PSOVSF-TOTAL STRUCTURED FIXED INCOME - GROSS ESTIMATED INVESTMENT FEES PSOVSF-TOTAL STRUCTURED FIXED INCOME - NET MGR NYC - CORE PLUS FIVE EXCESS RETURN	109	24.70	(0.72) (0.01) (0.73) (0.49) (0.24)	0.34 (0.02) 0.32 0.78 (0.47)									(2.17) (0.04) (2.21) (1.99) (0.22)	02/01/2015
	CASH SUMMARY														
67	POLICE SUPERIOR OFFICERS SHORT TERM - GROSS ESTIMATED INVESTMENT FEES POLICE SUPERIOR OFFICERS SHORT TERM - NET MGR	10	2.26	(0.03) 0.00 (0.03)	0.08 0.00 0.08	0.24 0.00 0.24	0.09 0.00 0.09	0.16	0.31 0.00 0.31	1.91 0.00 1.91	0.38 0.00 0.38	0.54			01/01/1999
71	SECURITY LENDING	0	0.05												



# **Appendix B**

Public Markets Manager Performance Detail

### **Public Markets Manager Performance Detail**





	Market Value (\$MM)	% of Total	3 Month	FYTD	CYTD	2014
EQUITY SUMMARY						
US EQUITY						
NYC PSOVSF BLACKROCK R2000 GROWTH MTA	8	1.77	4.41	(9.21)	(1.30)	
RUSSELL 2000 GROWTH DAILY			4.32	(9.31)	(1.38)	
Excess			0.09	0.09	0.08	
NYC PSOVSF BLACKROCK R2000 VALUE MTA	8	1.76	2.99	(8.24)	(7.38)	
RUSSELL 2000 VALUE DAILY			2.88	(8.17)	(7.47)	
Excess			0.11	(0.07)	0.09	
NYC PSOVSF BLACKROCK R1000 GROWTH MTA	94	21.26	7.37	1.74	5.77	
RUSSELL 1000 GROWTH - DAILY			7.32	1.64	5.67	
Excess			0.06	0.10	0.10	
NYC PSOVSF BLACKROCK R1000 VALUE MTA	93	21.03	5.67	(3.09)	(3.66)	
RUSSELL 1000 VALUE (DAILY)			5.64	(3.23)	(3.83)	
Excess			0.03	0.14	0.17	
NON - US EQUITY						
SSGA EAFE	120	27.09	4.83	(6.02)		
MSCI EAFE			4.71	(6.01)		
Excess			0.12	(0.02)		
FIXED INCOME SUMMARY						
STRUCTURED FIXED INCOME						
Blackrock Government	18	4.11	(1.62)	1.52		
NYC - Treasury Agency Plus Five			(1.29)	2.06		
Excess			(0.33)	(0.54)		

### **Public Markets Manager Performance Detail**

#### Net Returns Through December 31, 2015



		% of		E1/E5	0)/TD	
Production of the second of th	Market Value (\$MM)	Total	3 Month	FYTD	CYTD	2014
Blackrock - Mortgage	43	9.62	(0.26)	0.91		
CITIGROUP MORTGAGE INDEX			(0.07)	1.20		
Excess			(0.18)	(0.29)		
Blackrock - Credit	48	10.97	(0.80)	(0.62)		
NYC - Investment Grade Credit			(0.44)	(0.13)		
Excess			(0.37)	(0.49)		
CASH						
POLICE SUPERIOR OFFICERS SHORT TERM	10	2.33	(0.03)	0.08	0.24	0.09
91 DAY T-BILL			0.03	0.05	0.05	0.02
Excess			(0.06)	0.03	0.19	0.07
SECURITY LENDING	0	0.05				



# **Appendix C**

## **Footnotes**

#### **Footnotes**

Through December 31, 2015



- •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.

#### **Glossary of Terms**

Through December 31, 2015



#### **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 \* 47.00%

International Developed (EAFE) Markets: MSCI EAFE \* 28.00%

Domestic Fixed Income: NYC Core +5 \* 25.00%

Cash: 91 Day T-Bill \* 0.00%