MainStay DefinedTerm Municipal Opportunities Fund	
Form N-Q	
October 25, 2016	

#### **UNITED STATES**

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM N-Q

### QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

#### MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22551

#### MainStay DefinedTerm Municipal Opportunities Fund

(Exact name of registrant as specified in charter)

51 Madison Avenue, New York, New York 10010 (Address of principal executive offices) (Zip Code)

#### J. Kevin Gao, Esq., 30 Hudson Street, Jersey City, NJ 07302

(Name and address of agent for service)

Registrant's telephone number, including area code: 800-624-6782

Date of fiscal year end: May 31

Date of reporting period: August 31, 2016

### Item 1. Schedule of Investments.

The schedule of investments for the period ended August 31, 2016 is filed herewith.

# MainStay DefinedTerm Municipal Opportunities Fund Portfolio of Investments August 31, 2016 (Unaudited)

Municipal Bonds 144.4% †	Principal Amount	Value
Alabama 1.0% (0.7% of Managed Assets)		
Alabama Special Care Facilities Financing Authority, Methodist Home For The Aging, Revenue Bonds 5.25%, due 6/1/25	\$1,000,000	\$1,087,610
Jefferson County, Limited Obligation School, Revenue Bonds Series A, Insured: AMBAC 4.75%, due 1/1/25	250,000	251,453
Jefferson County, Public Building Authority, Revenue Bonds Insured: AMBAC 5.00%, due 4/1/26	4,500,000	4,500,675
3.00%, due 4/1/20		5,839,738
Arizona 0.6% (0.4% of Managed Assets)		
Phoenix Industrial Development Authority, Downtown Phoenix Student LLC, Revenue Bonds		
Series A, Insured: AMBAC	150,000	150,552
4.50%, due 7/1/42		
Phoenix Industrial Development Authority, Espiritu Community Development Corp.,		
Revenue Bonds Series A	2,000,000	2,016,900
6.25%, due 7/1/36		
Pima County Industrial Development Authority, PLC Charter Schools Project,		
Revenue Bonds	1,075,000	1,076,677
6.75%, due 4/1/36		3,244,129
California 15.9% (10.7% of Managed Assets)		3,244,127
California County Tobacco Securitization Agency, Asset-Backed, Revenue Bonds 5.60%, due 6/1/36 (a)	2,575,000	2,617,951
California Municipal Finance Authority, Southwestern Law School, Revenue Bonds	2,165,000	2,606,249
6.50%, due 11/1/41 Carson Redevelopment Agency, Redevelopment Project Area 1, Tax Allocation	75,000	55,986
Series B, Insured: NATL-RE	. 2,000	22,700

(zero coupon), due 10/1/25		
Ceres Unified School District, Unlimited General Obligation		
Series A	6,375,000	1,134,431
(zero coupon), due 8/1/43		
City of Sacramento, California, Water, Revenue Bonds 5.00%, due 9/1/42 (b)(c)	19,500,000	23,672,610
Golden State Tobacco Securitization Corp., Asset-Backed, Revenue Bonds		
Series A-2	5,000,000	5,135,800
5.30%, due 6/1/37 (a)	, ,	, ,
Riverside County Transportation Commission, Limited Tax, Revenue Bonds		
¤ Series A	19,100,000	23,584,480
5.25%, due 6/1/39 (b)(c)		
Stockton Public Financing Authority, Parking & Capital Projects, Revenue Bonds		
Insured: NATL-RE	100,000	99,581
4.50%, due 9/1/17 Insured: NATL-RE		
4.80%, due 9/1/20	105,000	104,998
Stockton Public Financing Authority, Redevelopment Projects, Revenue Bonds		
Series A, Insured: AGC	(20,000	(21.255
5.25%, due 9/1/31	630,000	631,355
Series A, Insured: AGC	2,925,000	2,930,908
5.25%, due 9/1/34	2,723,000	2,730,700
Stockton Public Financing Authority, Water System, Capital Improvement Projects,		
Revenue Bonds	175,000	175,574
Series A, Insured: NATL-RE 5.00%, due 10/1/31		
University of California, Regents Medical Center, Revenue Bonds		
¤ Series J	23,260,000	27,942,004
5.00%, due 5/15/43 (b)(c)	,	
Westminster School District, Unlimited General Obligation		
Series B, Insured: BAM	10,000,000	1,557,400
(zero coupon), due 8/1/48		
		92,249,327
Colorado 0.1% (0.0% ‡ of Managed Assets) E-470 Public Highway Authority, Revenue Bonds		
Series B, Insured: NATL-RE	660,000	350,401
(zero coupon), due 9/1/29	000,000	330,401
(zero coupon), due 7/1/27		
District of Columbia 0.6% (0.4% of Managed Assets)		
Metropolitan Washington Airports Authority, Revenue Bonds		
Series C, Insured: AGC	2,400,000	3,298,416
0.00%, due 10/1/41 (a)		
Florida 5.4% (3.6% of Managed Assets)		
City of Orlando, Tourist Development Tax Revenue, 3rd Lien, 6th Cent Contract,		
Revenue Bonds		
Insured: AGC	15,000,000	15,668,100
5.50%, due 11/1/38		
JEA Electric System, Revenue Bonds		
Series C	12,980,000	15,393,857
5.00%, due 10/1/37 (b)(c)		

			31,061,957
	Georgia 0.1% (0.0%‡ of Managed Assets)		
	Marietta Development Authority, University Facilities-Life University, Inc. Project,		
	Revenue Bonds	280,000	292,972
	6.25%, due 6/15/20		
	Guam 2.2% (1.5% of Managed Assets)		
	Guam Government, Waterworks Authority, Revenue Bonds	7,550,000	8,824,893
	5.50%, due 7/1/43	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0,02 .,050
	Guam International Airport Authority, Revenue Bonds		
	Series C, Insured: AGM	3,425,000	4,161,478
	6.00%, due 10/1/34 (d)		10.006.051
	HI:: 20 40' (12 90' -f M		12,986,371
٠	Illinois 20.4% (13.8% of Managed Assets)		
ζ.	Chicago Board of Education, Unlimited General Obligation		
	Series A, Insured: AGM	20,000,000	22,198,600
	5.50%, due 12/1/39 (b)(c)		
	Series A	2,780,000	2,958,559
	7.00%, due 12/1/44		
	Chicago O'Hare International Airport, Revenue Bonds	<b>7</b> 000 000	6.020.000
	Insured: AGM	5,000,000	6,020,900
	5.75%, due 1/1/38		
	Chicago, Illinois Wastewater Transmission, Revenue Bonds		
	Series B, Insured: AGM, FGIC	130,000	131,495
	5.00%, due 1/1/25	•	,
	Series C	7,120,000	8,294,017
	5.00%, due 1/1/32		
	Chicago, Illinois, Sales Tax, Revenue Bonds	7.515.000	0.100.110
	Series A	7,515,000	8,100,118
	5.25%, due 1/1/38		
	Chicago, Unlimited General Obligation		
	Series A, Insured: AGM	15,000	15,089
	5.00%, due 1/1/26		
	Series C	15,000,000	15,163,500
	5.00%, due 1/1/40 Series A		
	5.25%, due 1/1/27	3,000,000	3,267,810
	Cook County, Unlimited General Obligation		
	Series A, Insured: AGM	1,250,000	1,568,025
	5.00%, due 11/15/26	1,230,000	1,300,023
מ	Metropolitan Pier & Exposition Authority, McCormick Place Expansion, Revenue Bonds		
	Insured: NATL-RE		
		27,450,000	17,332,479
	(zero coupon), due 6/15/29 Series A		
	5.50%, due 6/15/50	10,000,000	10,799,200
	State of Illinois, Unlimited General Obligation		
	5.25%, due 7/1/31 (b)(c)	20,000,000	22,523,795
	3.23 /0, due 1/1/31 (0)(c)		118,373,587
	Indiana 0.2% (0.1% of Managed Assets)		110,575,507
	maiana 0.2 /0 (0.1 /0 01 managou / 1550tb)	1,105,000	1,091,729
		1,105,000	1,071,147

Anderson Economic Development Revenue, Anderson University Project, Revenue Bonds 5.00%, due 10/1/32		
Iowa 0.7% (0.5% of Managed Assets) Coralville Urban Renewal Revenue, Tax Increment, Tax Allocation Series C 5.00%, due 6/1/47	4,220,000	4,221,561
Kansas 3.9% (2.7% of Managed Assets) Kansas Development Finance Authority, Adventist Health Sunbelt Obligated Group, Revenue Bonds Series A 5.00%, due 11/15/32 (b)(c)	19,290,000	22,863,825
Louisiana 1.0% (0.7% of Managed Assets) Louisiana Public Facilities Authority, Black & Gold Facilities Project, Revenue Bonds		
Series A, Insured: AGC 4.50%, due 7/1/38	665,000	666,682
Series A, Insured: AGC 5.00%, due 7/1/22	1,105,000	1,107,641
Series A, Insured: AGC	1,200,000	1,202,640
5.00%, due 7/1/24 Series A, Insured: AGC	2,870,000	2,874,994
5.00%, due 7/1/30	, ,	5,851,957
Maryland 4.2% (2.9% of Managed Assets) Maryland Health & Higher Educational Facilities Authority, Johns Hopkins Health System Obligated Group, Revenue Bonds Series C 5.00%, due 5/15/43 (b)(c)	20,870,000	24,479,645
Michigan 13.4% (9.1% of Managed Assets)		
Detroit, Michigan Water & Sewerage Department, Senior Lien, Revenue Bonds Series A	1,500,000	1,697,970
5.00%, due 7/1/32 Series A		
5.25%, due 7/1/39 Detroit, Michigan Water Supply System, Revenue Bonds	5,000,000	5,733,100
Series C 5.00%, due 7/1/41	1,005,000	1,117,228
Series A	2,385,000	2,678,307
5.25%, due 7/1/41 Series A	5,000,000	5,710,850
5.75%, due 7/1/37 Michigan Finance Authority, Detroit Water & Sewer, Revenue Bonds Insured: AGM 5.00%, due 7/1/31	9,445,000	11,270,624
Michigan Finance Authority, Public School Academy, University Learning, Revenue Bonds		

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7.375%, due 11/1/30 7.50%, due 11/1/40 Michigan Finance Authority, Trinity Health Corp., Revenue Bonds	2,920,000 2,745,000	3,156,257 2,971,737
× Series 2016	21,630,000	26,874,843
5.25%, due 12/1/41 (b)(c)  Michigan Public Educational Equilities Authority, Dr. Jaconh F. Pollagle Power		
Michigan Public Educational Facilities Authority, Dr. Joseph F. Pollack, Revent Bonds	ue	
8.00%, due 4/1/30	1,195,000	1,324,944
8.00%, due 4/1/40 Michigan Tobacco Settlement Finance Authority, Revenue Bonds	500,000	553,500
Series A	5,120,000	5,152,461
6.00%, due 6/1/34 Series A	3,120,000	3,132,101
6.00%, due 6/1/48	7,500,000	7,548,000
Wayne County Michigan, Capital Improvement, Limited General Obligation	2 125 000	2 107 150
Series A, Insured: AGM 5.00%, due 2/1/38	2,135,000	2,187,158
		77,976,979
Minnesota 0.4% (0.2% of Managed Assets) Blaine Minnesota Senior Housing & Healthcare, Crest View Senior Community	7	
Project, Revenue Bonds	2,000,000	2,145,460
Series A	2,000,000	2,143,400
5.75%, due 7/1/35		
Missouri 0.4% (0.3% of Managed Assets)		
St. Louis County Industrial Development Authority, Nazareth Living Center, Revenue Bonds	2,120,000	2,337,130
6.125%, due 8/15/42	_,,	_,,
Nebraska 3.9% (2.7% of Managed Assets)		
Central Plains Energy, Project No. 3, Revenue Bonds	20,000,000	22,938,800
5.25%, due 9/1/37 (b)(c)	20,000,000	22,936,600
Nevada 2.3% (1.5% of Managed Assets)		
City of Sparks, Tourism Improvement District No. 1, Senior Sales Tax Anticipa	tion,	
Revenue Bonds Series A	12,500,000	13,237,875
6.75%, due 6/15/28 (b)		
New Hampshire 0.6% (0.4% of Managed Assets)		
Manchester Housing & Redevelopment Authority Inc., Revenue Bonds		
Series B, Insured: ACA (zero coupon), due 1/1/24	4,740,000	3,388,436
(zero coupon), due 1/1/24		
New Jersey 5.2% (3.5% of Managed Assets)		
New Jersey Building Authority, Revenue Bonds Series A, Insured: BAM	2,650,000	3,239,121
5.00%, due 6/15/26		
New Jersey Economic Development Authority, Continental Airlines, Inc. Project Revenue Bonds	et,	
5.25%, due 9/15/29 (d)	6,120,000	6,865,110

Series B 5.625%, due 11/15/30 (d) New Jersey Tobacco Settlement Financing Corp., Revenue Bonds	2,500,000	2,914,500
Series 1A 4.75%, due 6/1/34	2,185,000	2,142,480
Series 1A 5.00%, due 6/1/41	10,000,000	9,856,700
New Jersey Transportation Trust Fund Authority, Revenue Bonds Series C, Insured: AGM (zero coupon), due 12/15/34	10,000,000	5,211,900
New York 4.4% (3.0% of Managed Assets)		30,229,811
Nassau County Tobacco Settlement Corp., Asset-Backed, Revenue Bonds Series A-3 5.125%, due 6/1/46	5,000,000	4,951,350
New York Liberty Development Corp., World Trade Center, Revenue Bonds Class 3 7.25%, due 11/15/44 (b)	2,500,000	3,319,050
New York Transportation Development Corp., American Airlines, Inc John Kennedy Airport Project, Revenue Bonds 5.00%, due 8/1/26 (d)	4,000,000	4,465,760
New York Transportation Development Corp., LaGuardia Airport Terminal B Redevelopment Project, Revenue Bonds		
Series A, Insured: AGM 4.00%, due 7/1/36 (d)	3,725,000	4,012,868
Series A 5.00%, due 7/1/41 (d)	5,000,000	5,783,950
Riverhead Industrial Development Agency, Revenue Bonds 7.00%, due 8/1/43	3,395,000	3,090,876
Ohio 6.3% (4.3% of Managed Assets)		25,623,854
American Municipal Power, Inc., Prairie State Energy Campus, Revenue Bonds Series A, Insured: BAM 5.25%, due 2/15/31	15,000,000	18,005,550
Buckeye Tobacco Settlement Financing Authority, Asset-Backed, Senior Turbo, Revenue Bonds		
Series A-2 5.125%, due 6/1/24	2,550,000	2,503,947
Series A-2 5.75%, due 6/1/34	2,425,000	2,410,887
Series A-2 5.875%, due 6/1/30	13,890,000	13,869,026 36,789,410
Pennsylvania 5.3% (3.6% of Managed Assets) Harrisburg, Capital Appreciation, Unlimited General Obligation Series F, Insured: AMBAC (zero coupon), due 9/15/21 Pennsylvania Economic Development Financing Authority, Capitol Region Parking	95,000	76,337
System, Revenue Bonds Series B 6.00%, due 7/1/53 (b)(c)	14,260,000	17,975,557

	Pennsylvania Turnpike Commission, Revenue Bonds		
	Series B, Insured: BAM	5,000,000	6,035,650
	5.25%, due 12/1/44	2,000,000	0,032,020
	Philadelphia Authority for Industrial Development, Nueva Esperanza Inc., Revenue		
	Bonds	2,000,000	2,342,500
	8.20%, due 12/1/43	_,,,,,,,,	_,,
	Philadelphia Gas Works Co., 1998 General Ordinance, Revenue Bonds		
	Series 14		
	5.00%, due 10/1/33	1,030,000	1,264,418
	Series 14	4 000 000	1 222 700
	5.00%, due 10/1/34	1,000,000	1,222,580
	Philadelphia, Unlimited General Obligation		
	6.00%, due 8/1/36	1,625,000	1,921,562
	····· <b>,</b> ···· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		30,838,604
	Puerto Rico 19.8% (13.4% of Managed Assets)		, ,
	Commonwealth of Puerto Rico, Aqueduct & Sewer Authority, Revenue Bonds		
	Series A, Insured: AGC	200,000	207.120
	5.00%, due 7/1/25	200,000	207,130
	Senior Lien—Series A, Insured: AGC	2 0 4 0 0 0 0	2.024.606
	5.125%, due 7/1/47	2,840,000	2,934,686
ø	Commonwealth of Puerto Rico, Public Improvement, Unlimited General Obligation		
	Series A, Insured: AGM	15 500 000	16 700 220
	5.00%, due 7/1/35	15,500,000	16,700,320
	Insured: AGM	715,000	716,194
	5.125%, due 7/1/30	713,000	/10,194
	Series A, Insured: AGC	100,000	100,229
	5.25%, due 7/1/23	100,000	100,227
	Series A-4, Insured: AGM	4,175,000	4,477,521
	5.25%, due 7/1/30	1,172,000	.,.,,,,,,,,
	Series A, Insured: AGM	655,000	717,533
	5.375%, due 7/1/25	, , , , , ,	, ,, ,,
	Series A, Insured: AMBAC	55,000	57,224
	5.50%, due 7/1/19	,	,
	Series A, Insured: NATL-RE	680,000	732,904
	5.50%, due 7/1/21 Series A. Irayradi, ACM		
	Series A, Insured: AGM	2,210,000	2,433,254
	5.50%, due 7/1/27 Series A, Insured: AGC		
	5.50%, due 7/1/29	390,000	455,742
	Series A, Insured: AGC		
	5.50%, due 7/1/32	255,000	264,774
	Series C, Insured: AGM		
	5.50%, due 7/1/32	1,410,000	1,412,679
	Series C, Insured: AGM		
	5.75%, due 7/1/37	5,440,000	5,448,595
	Series C-7, Insured: NATL-RE		
	6.00%, due 7/1/27	2,970,000	3,103,442
	Series A, Insured: AGM	075 000	076 005
	6.00%, due 7/1/33	875,000	876,995
	Series A, Insured: AGM	755,000	021 504
	6.00%, due 7/1/34	755,000	821,584

	Puerto Rico Convention Center District Authority, Revenue Bonds		
	Series A, Insured: AGC	8,195,000	8,199,098
	4.50%, due 7/1/36	, ,	, ,
	Series A, Insured: AGC	635,000	636,187
	5.00%, due 7/1/27		
	Series A, Insured: AMBAC	1,295,000	1,298,263
	5.00%, due 7/1/31  Proof of Piece Floating Power Authority Powers Ponds		
	Puerto Rico Electric Power Authority, Revenue Bonds		
	Series DDD, Insured: AGM	540,000	528,768
	3.625%, due 7/1/23 Series DDD, Insured: ACM		
	Series DDD, Insured: AGM 3.65%, due 7/1/24	1,735,000	1,697,299
	Series SS, Insured: NATL-RE		
	5.00%, due 7/1/19	5,200,000	5,268,744
	Series PP, Insured: NATL-RE		
	5.00%, due 7/1/24	1,035,000	1,036,387
	Series PP, Insured: NATL-RE		
	5.00%, due 7/1/25	65,000	65,086
	Series TT, Insured: AGM		
	5.00%, due 7/1/27	210,000	213,501
	Series VV, Insured: AGM		
	5.25%, due 7/1/27	730,000	828,455
3	□ Puerto Rico Highways & Transportation Authority, Revenue Bonds		
	Series AA-1, Insured: AGM		
	4.95%, due 7/1/26	5,675,000	5,920,898
	Series K, Insured: AGC, AGM		
	5.00%, due 7/1/18	560,000	561,814
	Series N, Insured: AMBAC	427.000	450 554
	5.25%, due 7/1/30	425,000	450,551
	Series N, Insured: AMBAC	1 007 000	1 161 751
	5.25%, due 7/1/31	1,095,000	1,161,751
	Series CC, Insured: AGM	410.000	475 170
	5.25%, due 7/1/32	410,000	475,170
	Series N, Insured: NATL-RE	4 000 000	
	5.25%, due 7/1/32	4,000,000	