

MainStay MacKay DefinedTerm Municipal Opportunities Fund
Form N-Q
April 24, 2018

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 MacKay 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)

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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: February 28, 2018

Item 1. Schedule of Investments.

The schedule of investments for the period ended February 28, 2018 is filed herewith.

MainStay MacKay DefinedTerm Municipal Opportunities Fund

Portfolio of Investments February 28, 2018 (Unaudited)

	Principal Amount	Value
Municipal Bonds 153.3% †		
Alabama 0.8% (0.5% of Managed Assets)		
Jefferson County, Public Building Authority, Revenue Bonds Insured: AMBAC 5.00%, due 4/1/26	\$4,500,000	\$4,511,385
Arizona 0.4% (0.2% of Managed Assets)		
Phoenix Industrial Development Authority, Downtown Phoenix Student LLC, Revenue Bonds Series A, Insured: AMBAC 4.50%, due 7/1/42	150,000	149,450
Phoenix Industrial Development Authority, Espiritu Community Development Corp., Revenue Bonds Series A 6.25%, due 7/1/36	2,000,000	1,971,920
		2,121,370
California 14.8% (9.4% of Managed Assets)		
California Municipal Finance Authority, Southwestern Law School, Revenue Bonds 6.50%, due 11/1/41	2,165,000	2,416,378
Ceres Unified School District, Unlimited General Obligation Series A (zero coupon), due 8/1/43	6,375,000	1,164,330
	19,500,000	21,865,740

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City of Sacramento, California, Water, Revenue Bonds		
5.00%, due 9/1/42 (a)		
Golden State Tobacco Securitization Corp., Asset-Backed, Revenue Bonds		
Series A-2	5,225,000	5,328,925
5.30%, due 6/1/37		
Riverside County Transportation Commission, Limited Tax, Revenue Bonds		
Series A	19,100,000	22,226,651
5.25%, due 6/1/39 (a)		
Stockton Public Financing Authority, Parking & Capital Projects, Revenue Bonds		
Insured: NATL-RE	105,000	105,176
4.80%, due 9/1/20		
Stockton Public Financing Authority, Water System, Capital Improvement		
Projects, Revenue Bonds	140,000	140,392
Series A, Insured: NATL-RE		
5.00%, due 10/1/31		
University of California, Regents Medical Center, Revenue Bonds		
Series J	23,260,000	25,920,120
5.00%, due 5/15/43 (a)		
Westminster School District, Unlimited General Obligation		
Series B, Insured: BAM	10,000,000	1,554,300
(zero coupon), due 8/1/48		
		80,722,012
Colorado 0.5% (0.3% of Managed Assets)		
Dominion Water & Sanitation District, Revenue Bonds		
6.00%, due 12/1/46	2,500,000	2,610,625
E-470 Public Highway Authority, Revenue Bonds		
Series B, Insured: NATL-RE	610,000	343,839
(zero coupon), due 9/1/29		
		2,954,464
District of Columbia 0.6% (0.4% of Managed Assets)		
Metropolitan Washington Airports Authority, Revenue Bonds		
Series C, Insured: AGC	2,400,000	3,035,400
6.50%, due 10/1/41		
Florida 9.9% (6.3% of Managed Assets)		
Celebration Pointe Community Development District, Special Assessment		
Revenue Bonds	1,400,000	1,454,138
5.00%, due 5/1/32 (b)		
County of Miami-Dade Florida Water & Sewer System, Revenue Bonds		
Series B	10,000,000	11,361,400
5.00%, due 10/1/33		
County of Orange FL Tourist Development Tax Revenue, Revenue Bonds		
Series A	25,000,000	26,381,443
4.00%, due 10/10/33 (a)		
JEA Electric System, Revenue Bonds		
Series B	645,000	675,328
4.00%, due 10/1/38		
Series C		
Series C	12,980,000	14,256,332
5.00%, due 10/1/37 (a)		
		54,128,641
Georgia 0.0%‡ (0.0%‡ of Managed Assets)		
	220,000	223,106

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Marietta Development Authority, University Facilities-Life University, Inc.
 Project, Revenue Bonds
 6.25%, due 6/15/20

Guam 3.2% (2.0% of Managed Assets)

Guam Government, Business Privilege Tax, Revenue Bonds

Series D

5.00%, due 11/15/34

1,000,000 1,087,420

Series B-1

5.00%, due 1/1/42

3,800,000 3,956,940

Guam Government, Waterworks Authority, Revenue Bonds

5.50%, due 7/1/43

7,550,000 8,260,153

Guam International Airport Authority, Revenue Bonds

Series C, Insured: AGM

6.00%, due 10/1/34 (c)

3,425,000 3,936,832

17,241,345

Illinois 23.9% (15.3% of Managed Assets)

Chicago Board of Education Dedicated Capital Improvement, Special Tax

5.75%, due 4/1/34

8,000,000 9,142,080

Chicago Board of Education Dedicated Capital Improvement, Unlimited General
 Obligation (b)

Series B

7.00%, due 12/1/42

3,500,000 4,199,300

Series A

7.00%, due 12/1/46

4,000,000 4,785,200

✕ Chicago Board of Education, Unlimited General Obligation

Series A, Insured: AGM

5.50%, due 12/1/39 (a)

20,000,000 21,753,900

Series A

7.00%, due 12/1/44

2,880,000 3,336,077

Chicago O'Hare International Airport, Revenue Bonds

Insured: AGM

5.75%, due 1/1/38

5,000,000 5,698,250

Chicago, Illinois Wastewater Transmission, Revenue Bonds

Series C

5.00%, due 1/1/32

7,120,000 7,749,978

Chicago, Unlimited General Obligation

Series C

5.00%, due 1/1/23

300,000 305,295

Series C

5.00%, due 1/1/25

885,000 929,896

Series D

5.00%, due 1/1/29

500,000 505,365

Series C

5.00%, due 1/1/40

10,000,000 10,104,000

Series A

5.25%, due 1/1/27

3,000,000 3,253,740

Series A

6.00%, due 1/1/38

3,715,000 4,218,568

Chicago, Waterworks, Revenue Bonds

2,500,000 2,809,475

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Series 2017-2, Insured: AGM 5.00%, due 11/1/37		
Series 2017-2, Insured: AGM 5.00%, due 11/1/38	2,500,000	2,807,300
Illinois Sports Facilities Authority, Revenue Bonds Insured: AMBAC (zero coupon), due 6/15/21	410,000	363,818
Insured: AGM 5.00%, due 6/15/29	350,000	379,788
Insured: AGM 5.25%, due 6/15/32	150,000	163,716
Illinois State Sales Tax Revenue, Revenue Bonds 1st Series, Insured: NATL-RE 6.00%, due 6/15/26	4,290,000	5,259,583
Metropolitan Pier & Exposition Authority, McCormick Place Expansion, Revenue Bonds Series B 5.00%, due 12/15/28	10,000,000	10,640,900
Series A 5.50%, due 6/15/50	8,835,000	9,251,784
Public Building Commission of Chicago, Chicago Transit Authority, Revenue Bonds Insured: AMBAC 5.25%, due 3/1/31	600,000	678,120
Rock Island County IL, Unlimited General Obligation Insured: BAM 4.00%, due 12/1/27	1,730,000	1,819,199
State of Illinois, Unlimited General Obligation 5.25%, due 7/1/31 (a)	20,000,000	20,602,234
		130,757,566
Kansas 3.9% (2.5% of Managed Assets) Kansas Development Finance Authority, Adventist Health Sunbelt Obligated Group, Revenue Bonds Series A 5.00%, due 11/15/32 (a)	19,290,000	21,227,053
Maryland 4.2% (2.7% 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 (a)	20,870,000	22,902,251
Michigan 16.8% (10.8% of Managed Assets) Great Lakes Water Authority, Sewage Disposal System, Revenue Bonds Senior Lien-Series C, Insured: AGM 5.00%, due 7/1/31	7,500,000	8,395,425
Senior Lien-Series A 5.00%, due 7/1/32	1,500,000	1,619,025
Series B, Insured: AGM 5.00%, due 7/1/34 (a)	24,940,000	28,160,003
	5,000,000	5,411,200

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Senior Lien-Series A 5.25%, due 7/1/39 Great Lakes Water Authority, Water Supply System, Revenue Bonds		
Senior Lien-Series C 5.00%, due 7/1/41	1,005,000	1,068,215
Senior Lien-Series A 5.25%, due 7/1/41	2,385,000	2,593,258
Senior Lien-Series A 5.75%, due 7/1/37 Michigan Finance Authority, Public School Academy, University Learning, Revenue Bonds	5,000,000	5,556,650
7.375%, due 11/1/30	2,920,000	3,030,756
7.50%, due 11/1/40	2,745,000	2,845,796
Michigan Finance Authority, Trinity Health Corp., Revenue Bonds		
⊠ Series 2016	21,630,000	24,602,322
5.25%, due 12/1/41 (a) Michigan Public Educational Facilities Authority, Dr. Joseph F. Pollack, Revenue Bonds		
8.00%, due 4/1/30	1,195,000	1,256,973
8.00%, due 4/1/40	500,000	524,035
Michigan Tobacco Settlement Finance Authority, Revenue Bonds		
Series A	5,000,000	4,987,500
6.00%, due 6/1/48 Wayne County Michigan, Capital Improvement, Limited General Obligation Series A, Insured: AGM	2,135,000	2,140,402
5.00%, due 2/1/38		92,191,560
Minnesota 0.4% (0.2% of Managed Assets) Blaine Minnesota Senior Housing & Healthcare, Crest View Senior Community Project, Revenue Bonds		
Series A	2,000,000	2,041,740
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	2,269,905
6.125%, due 8/15/42		
Nebraska 5.1% (3.3% of Managed Assets) ⊠ Central Plains Energy, Project No. 3, Revenue Bonds		
Series A	5,305,000	6,223,561
5.00%, due 9/1/32		
5.25%, due 9/1/37 (a)	20,000,000	21,865,300
		28,088,861
Nevada 2.3% (1.5% of Managed Assets) City of Sparks, Tourism Improvement District No. 1, Senior Sales Tax Anticipation, Revenue Bonds		
Series A	12,500,000	12,592,250
6.75%, due 6/15/28 (b)		
New Hampshire 0.7% (0.4% of Managed Assets)	4,740,000	3,592,730

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Manchester Housing & Redevelopment Authority, Inc., Revenue Bonds
 Series B, Insured: ACA
 (zero coupon), due 1/1/24

New Jersey 2.7% (1.7% of Managed Assets)

New Jersey Economic Development Authority, Continental Airlines, Inc. Project,
 Revenue Bonds (c)

5.25%, due 9/15/29 6,120,000 6,680,653

Series B

5.625%, due 11/15/30 2,500,000 2,832,050

New Jersey Tobacco Settlement Financing Corp., Revenue Bonds

Series 1A

5.00%, due 6/1/41 5,000,000 4,995,500

14,508,203

New York 7.3% (4.7% of Managed Assets)

Long Island Power Authority, Electric System, Revenue Bonds

5.00%, due 9/1/47 1,215,000 1,370,605

New York Liberty Development Corp., World Trade Center, Revenue Bonds

Class 3

7.25%, due 11/15/44 (b) 12,200,000 14,573,388

New York Transportation Development Corp., LaGuardia Airport Terminal B

Redevelopment Project, Revenue Bonds

Series A, Insured: AGM 20,000,000 20,551,200

4.00%, due 7/1/36 (a)

Riverhead Industrial Development Agency, Revenue Bonds

7.00%, due 8/1/43 3,395,000 3,635,366

40,130,559

Ohio 3.0% (1.9% of Managed Assets)

Buckeye Tobacco Settlement Financing Authority, Asset-Backed, Senior Turbo,
 Revenue Bonds

Series A-2

5.125%, due 6/1/24 2,550,000 2,416,380

Series A-2

5.75%, due 6/1/34 2,425,000 2,312,335

Series A-2

5.875%, due 6/1/30 12,200,000 11,825,338

16,554,053

Pennsylvania 4.0% (2.6% of Managed Assets)

Commonwealth Financing Authority PA, Tobacco Master Settlement Payment,
 Revenue Bonds

Insured: AGM

4.00%, due 6/1/39 3,000,000 3,018,780

Harrisburg, Unlimited General Obligation

Series F, Insured: AMBAC

(zero coupon), due 9/15/21 305,000 262,401

Pennsylvania Economic Development Financing Authority, Capitol Region

Parking System, Revenue Bonds

Series B 14,260,000 16,428,232

6.00%, due 7/1/53 (a)

Philadelphia Authority for Industrial Development, Nueva Esperanza, Inc.,

Revenue Bonds 2,000,000 2,227,020

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8.20%, due 12/1/43		21,936,433
Puerto Rico 24.2% (15.5% of Managed Assets)		
Children's Trust Fund Puerto Rico Tobacco Settlement, Revenue Bonds	5,465,000	5,157,812
5.50%, due 5/15/39		
Commonwealth of Puerto Rico, Aqueduct & Sewer Authority, Revenue Bonds		
Series A, Insured: AGC	310,000	311,119
5.00%, due 7/1/25		
Series A, Insured: AGC	3,340,000	3,346,279
5.125%, due 7/1/47		
Commonwealth of Puerto Rico, Public Improvement, Unlimited General		
⌘ Obligation (d)		
Insured: AGM		
4.50%, due 7/1/23	280,000	280,770
Series A, Insured: AGM		
5.00%, due 7/1/35	19,665,000	20,142,073
Insured: AGM		
5.125%, due 7/1/30	1,365,000	1,373,340
Series A, Insured: AGC		
5.25%, due 7/1/23	145,000	146,256
Series A-4, Insured: AGM		
5.25%, due 7/1/30	4,425,000	4,629,833
Series A, Insured: AGM		
5.375%, due 7/1/25	840,000	892,870
Series A, Insured: AMBAC		
5.50%, due 7/1/19	55,000	56,091
Series A, Insured: AGM		
5.50%, due 7/1/27	2,230,000	2,371,828
Series A, Insured: AGC		
5.50%, due 7/1/32	255,000	257,864
Series C, Insured: AGM		
5.50%, due 7/1/32	1,520,000	1,534,759
Series C, Insured: AGM		
5.75%, due 7/1/37	5,440,000	5,486,784
Series C-7, Insured: NATL-RE		
6.00%, due 7/1/27	2,615,000	2,621,041
Series A, Insured: AGM		
6.00%, due 7/1/33	875,000	889,201
Series A, Insured: AGM		
6.00%, due 7/1/34	755,000	807,435
Puerto Rico Convention Center District Authority, Revenue Bonds (d)		
Series A, Insured: AGC		
4.50%, due 7/1/36	8,210,000	8,210,082
Series A, Insured: AGC		
5.00%, due 7/1/27	635,000	636,321
Series A, Insured: AMBAC		
5.00%, due 7/1/31	190,000	180,048
Puerto Rico Electric Power Authority, Revenue Bonds (d)		
Series DDD, Insured: AGM		
3.625%, due 7/1/23	670,000	666,335
	2,055,000	2,031,409

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Series DDD, Insured: AGM 3.65%, due 7/1/24		
Series SS, Insured: NATL-RE 5.00%, due 7/1/19	5,200,000	5,202,704
Series PP, Insured: NATL-RE 5.00%, due 7/1/24	1,100,000	1,087,196
Series PP, Insured: NATL-RE 5.00%, due 7/1/25	165,000	162,632
Series TT, Insured: AGM 5.00%, due 7/1/27	310,000	310,645
Series VV, Insured: AGM 5.25%, due 7/1/27	1,040,000	1,126,112
☒ Puerto Rico Highway & Transportation Authority, Revenue Bonds (d)		
Series AA-1, Insured: AGM 4.95%, due 7/1/26	6,195,000	6,350,742
Series K, Insured: AGC, AGM 5.00%, due 7/1/18	560,000	561,971
Series N, Insured: AMBAC 5.25%, due 7/1/30	3,445,000	3,368,314
Series N, Insured: AMBAC 5.25%, due 7/1/31	3,485,000	3,383,586
Series CC, Insured: AGM 5.25%, due 7/1/32	1,715,000	1,855,784
Series N, Insured: NATL-RE 5.25%, due 7/1/32	4,050,000	3,811,779
Series CC, Insured: AGM 5.25%, due 7/1/34	2,185,000	2,370,463
Series N, Insured: AGC 5.25%, due 7/1/34	1,850,000	2,007,028
Series N, Insured: AGC, AGM 5.50%, due 7/1/25	360,000	394,873
Series CC, Insured: AGM 5.50%, due 7/1/29	115,000	127,225
Series N, Insured: AGC, AGM 5.50%, due 7/1/29	5,000,000	5,531,500
Series N, Insured: AMBAC 5.50%, due 7/1/29	965,000	969,777
Series CC, Insured: AGM 5.50%, due 7/1/30	3,185,000	3,527,165
Puerto Rico Infrastructure Financing Authority, Revenue Bonds (d)		
Series C, Insured: AMBAC 5.50%, due 7/1/23	1,500,000	1,545,390
Series C, Insured: AMBAC 5.50%, due 7/1/24	335,000	342,983
Series C, Insured: AMBAC 5.50%, due 7/1/25	1,830,000	1,867,606
Series C, Insured: AMBAC 5.50%, due 7/1/26	1,505,000	1,531,714
Puerto Rico Municipal Finance Agency, Revenue Bonds		
Series A, Insured: AGM 5.00%, due 8/1/20	670,000	672,358

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Series A, Insured: AGM 5.00%, due 8/1/21	810,000	812,689
Series A, Insured: AGM 5.00%, due 8/1/22	810,000	812,519
Series A, Insured: AGM 5.00%, due 8/1/27	2,770,000	2,775,762
Series A, Insured: AGM 5.00%, due 8/1/30	1,365,000	1,367,007
Series A, Insured: AGM 5.25%, due 8/1/21	230,000	232,555
Series C, Insured: AGC 5.25%, due 8/1/21	3,775,000	3,990,703
Puerto Rico Public Buildings Authority, Government Facilities, Revenue Bonds (d)		
Series F, Insured: AGC 5.25%, due 7/1/21	2,000,000	2,111,620
Series M-3, Insured: NATL-RE 6.00%, due 7/1/25	250,000	259,918
Series M-3, Insured: NATL-RE 6.00%, due 7/1/27	10,000,000	10,023,100
Puerto Rico Sales Tax Financing Corp., Revenue Bonds (d)		
Series A, Insured: NATL-RE (zero coupon), due 8/1/42	870,000	192,905
		132,717,875
Rhode Island 3.0% (1.9% of Managed Assets)		
Narragansett Bay Commission Wastewater System, Revenue Bonds Series A 5.00%, due 9/1/38 (a)	15,000,000	16,558,050
South Carolina 0.2% (0.1% of Managed Assets)		
South Carolina Public Service Authority, Revenue Bonds Series A 5.00%, due 12/1/31	825,000	918,646
Texas 4.0% (2.6% of Managed Assets)		
Harris County-Houston Sports Authority, Revenue Bonds Series H, Insured: NATL-RE (zero coupon), due 11/15/28	50,000	33,140
Series A, Insured: AGM, NATL-RE (zero coupon), due 11/15/38	175,000	65,943
Series H, Insured: NATL-RE (zero coupon), due 11/15/38	260,000	94,466
Texas Municipal Gas Acquisition & Supply Corp. III, Revenue Bonds 5.00%, due 12/15/32 (a)	20,000,000	21,634,350
		21,827,899
U.S. Virgin Islands 3.4% (2.2% of Managed Assets)		
Virgin Islands Public Finance Authority, Gross Receipts Taxes Loan, Revenue Bonds Series A 5.00%, due 10/1/32	3,020,000	1,774,250
	2,690,000	2,792,032

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Series A. Insured: AGM 5.00%, due 10/1/32 Virgin Islands Public Finance Authority, Matching Fund Loan, Revenue Bonds		
Senior Lien-Series A-1 5.00%, due 10/1/24	1,030,000	741,600
Senior Lien-Series B 5.00%, due 10/1/24	700,000	504,000
Series A 5.00%, due 10/1/25	820,000	578,100
Series B 5.25%, due 10/1/29	1,765,000	1,164,900
Series A 6.625%, due 10/1/29	2,000,000	1,235,000
Virgin Islands Public Finance Authority, Revenue Bonds		
Series A 5.00%, due 10/1/29	2,980,000	1,750,750
Series A, Insured: AGM 5.00%, due 10/1/32	5,350,000	5,552,925
Virgin Islands Public Finance Authority, Senior Lien-Matching Fund Loan Note, Revenue Bonds	3,890,000	2,742,450
Senior Lien-Series B 5.00%, due 10/1/25		18,836,007
Utah 3.7% (2.4% of Managed Assets) County of Utah UT, IHC Health Services, Inc., Revenue Bonds		
Series B 4.00%, due 5/15/47 (a)	20,000,000	20,318,893
Virginia 5.9% (3.8% of Managed Assets) Tobacco Settlement Financing Corp., Revenue Bonds		
Series B1 5.00%, due 6/1/47	5,000,000	4,875,000
Virginia Commonwealth Transportation Board, Capital Projects, Revenue Bonds	20,315,000	22,843,866
Series A 4.00%, due 5/15/34	4,250,000	4,506,020
		32,224,886
Washington 3.9% (2.5% of Managed Assets) Washington Health Care Facilities Authority, Multicare Health System, Revenue Bonds		
Series A 5.00%, due 8/15/44 (a)	19,665,000	21,514,165
Wisconsin 0.1% (0.1% of Managed Assets) Public Finance Authority, Bancroft NeuroHealth Project, Revenue Bonds		
Series A 5.00%, due 6/1/36 (b)	500,000	503,995
Total Investments (Cost \$798,605,364)	153.3	% 839,151,303

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Floating Rate Note Obligations (e)	(43.2)	(236,340,000)
Fixed Rate Municipal Term Preferred Shares, at Liquidation Value	(12.8)	(70,000,000)
Other Assets, Less Liabilities	2.7		14,690,325
Net Assets Applicable to Common Shares	100.0	%	\$547,501,628

† Percentages indicated are based on Fund net assets.

⌘ Among the Fund's 10 largest holdings or issuers held, as of February 28, 2018. May be subject to change daily.

‡ Less than one-tenth of a percent.

(a) All or portion of principal amount transferred to a Tender Option Bond ("TOB") Issuer in exchange for TOB

Residuals and cash.

(b) May be sold to institutional investors only under Rule 144A or securities offered pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended.

(c) Interest on these securities was subject to alternative minimum tax.

(d) Bond insurance is paying principal and interest, since the issuer is in default.

(e) Face value of Floating Rate Notes issued in TOB transactions.

"Managed Assets" is defined as the Fund's total assets, minus the sum of its accrued liabilities (other than Fund liabilities incurred for the purpose of creating effective leverage (i.e. tender option bonds) or Fund liabilities related to liquidation preference of any preferred shares issued), which was \$855,464,744 as of February 28, 2018.

The following abbreviations are used in the preceding pages:

ACA —ACA Financial Guaranty Corp.
 AGC —Assured Guaranty Corp.
 AGM —Assured Guaranty Municipal Corp.
 AMBAC —Ambac Assurance Corp.
 BAM —Build America Mutual Assurance Co.
 NATL-RE—National Public Finance Guarantee Corp.

As of February 28, 2018, the Fund held the following futures contracts¹:

Type	Number of Contracts (Short)	Expiration Date	Value at Trade Date	Current Notional Amount	Unrealized Appreciation (Depreciation) ²
10-Year United States Treasury Note	(1,009)	June 2018	\$(120,841,117)	\$(121,127,297)	\$ (286,180)

1. As of February 28, 2018, cash in the amount of \$958,550 was on deposit with a broker or futures commission merchant for futures transactions.

2. Represents the difference between the value of the contracts at the time they were opened and the value as of February 28, 2018.

The following is a summary of the fair valuations according to the inputs used as of February 28, 2018, for valuing the Fund's assets and liabilities.

Asset Valuation Inputs

Description	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Investments in Securities (a) Municipal Bonds	\$ —	\$839,151,303	\$ —	\$839,151,303

Liability Valuation Inputs

Description	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Other Financial Instruments Futures Contracts (b)	\$ (286,180)	\$—	\$ —	\$(286,180)

(a) For a complete listing of investments and their industries, see the Portfolio of Investments.

(b) The value listed for these securities reflects unrealized appreciation (depreciation) as shown on the Portfolio of Investments.

The Fund recognizes transfers between the levels as of the beginning of the period.

For the period ended February 28, 2018, the Fund did not have any transfers among levels.

As of February 28, 2018, the Fund did not hold any investments with significant unobservable inputs (Level 3).

MainStay MacKay DefinedTerm Municipal Opportunities Fund

NOTES TO PORTFOLIO OF INVESTMENTS February 28, 2018 (Unaudited)

SECURITIES VALUATION.

Investments are usually valued as of the close of regular trading on the New York Stock Exchange (the "Exchange") (usually 4:00 p.m. Eastern time) on each day the Fund is open for business ("valuation date").

The Board of Trustees (the "Board") of the MainStay MacKay DefinedTerm Municipal Opportunities Fund (the "Fund"), (formerly known as MainStay DefinedTerm Municipal Opportunities Fund) adopted procedures establishing methodologies for the valuation of the Fund's securities and other assets and delegated the responsibility for valuation determinations under those procedures to the Valuation Committee of the Fund (the "Valuation Committee"). The Board authorized the Valuation Committee to appoint a Valuation Subcommittee (the "Subcommittee") to deal in the first instance with establishing the prices of securities for which market quotations are not readily available or the prices of which are not otherwise readily determinable under these procedures. The Subcommittee meets (in person, via electronic mail or via teleconference) on an as-needed basis. Subsequently, the Valuation Committee meets to ensure that actions taken by the Subcommittee were appropriate. The procedures state that, subject to the oversight of the Board and unless otherwise noted, the responsibility for the day-to-day valuation of portfolio assets (including fair value measurements for the Fund's assets and liabilities) rests with New York Life Investment Management LLC ("New York Life Investments" or the "Manager"), aided to whatever extent necessary by the Subadvisor to the Fund.

To assess the appropriateness of security valuations, the Manager, the Subadvisor or the Fund's third party service provider, who is subject to oversight by the Manager, regularly compares prior day prices, prices on comparable securities, and the sale prices to the prior and current day prices and challenges prices with changes exceeding certain tolerance levels with third party pricing services or broker sources. For those securities valued through either a standardized fair valuation methodology or a fair valuation measurement, the Subcommittee deals in the first instance with such valuation and the Valuation Committee reviews and affirms, if appropriate, the reasonableness of the valuation based on such methodologies and measurements on a regular basis after considering information that is reasonably available and deemed relevant by the Valuation Committee. Any action taken by the Subcommittee with respect to the valuation of a portfolio security or other asset is submitted for review and ratification (if appropriate) to the Valuation Committee and the Board at the next regularly scheduled meeting.

"Fair value" is defined as the price the Fund would reasonably expect to receive upon selling an asset or liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the asset or liability. Fair

value measurements are determined within a framework that establishes a three-tier hierarchy which maximizes the use of observable market data and minimizes the use of unobservable inputs to establish a classification of fair value measurements for disclosure purposes. "Inputs" refer broadly to the assumptions that market participants would use in pricing the asset or liability, including assumptions about risk, such as the risk inherent in a particular valuation technique used to measure fair value using a pricing model and/or the risk inherent in the inputs for the valuation technique. Inputs may be observable or unobservable. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Fund. Unobservable inputs reflect the Fund's own assumptions about the assumptions market participants would use in pricing the asset or liability based on the information available. The inputs or methodology used for valuing assets or liabilities may not be an indication of the risks associated with investing in those assets or liabilities. The three-tier hierarchy of inputs is summarized below.

Level 1 – quoted prices in active markets for an identical asset or liability

Level 2 – other significant observable inputs (including quoted prices for a similar asset or liability in active markets, interest rates and yield curves, prepayment speeds, credit risk, etc.)

Level 3 – significant unobservable inputs (including the Fund's own assumptions about the assumptions that market participants would use in measuring fair value of an asset or liability)

The level of an asset or liability within the fair value hierarchy is based on the lowest level of an input, both individually and in the aggregate, that is significant to the fair value measurement. As of February 28, 2018, the aggregate value by input level of the Fund's assets and liabilities is included at the end of the Fund's Portfolio of Investments.

The Fund may use third party vendor evaluations, whose prices may be derived from one or more of the following standard inputs, among others:

- Benchmark yields
- Broker dealer quotes
- Two-sided markets
- Bids/offers
- Industry and economic events
- Monthly payment information
- Reported trades
- Issuer spreads
- Benchmark securities
- Reference data (corporate actions or material event notices)
- Comparable bonds

An asset or liability for which market values cannot be measured using the methodologies described above is valued by methods deemed reasonable in good faith by the Valuation Committee, following the procedures established by the Board, to represent fair value. Under these procedures, the Fund generally uses a market-based approach which may use related or comparable assets or liabilities, recent transactions, market multiples, book values, and other relevant information. The Fund may also use an income-based valuation approach in which the anticipated future cash flows of the asset or liability are discounted to calculate fair value. Discounts may also be applied due to the nature and/or duration of any restrictions on the disposition of the asset or liability. Fair value represents a good faith approximation of the value of a security. Fair value determinations involve the consideration of a number of subjective factors, an analysis of applicable facts and circumstances and the exercise of judgment. As a result, it is possible that the fair value for a security determined in good faith in accordance with the Fund's valuation procedures may differ from valuations for the same security determined by other funds using their own valuation procedures. Although the Fund's valuation procedures are designed to value a security at the price the Fund may reasonably expect to receive upon the security's sale in an orderly transaction, there can be no assurance that any fair value determination thereunder would, in fact, approximate the amount that the Fund would actually realize upon the sale of the security or the price at which the security would trade if a reliable market price were readily available. During the period ended February 28, 2018, there were no material changes to the fair value methodologies.

Securities which may be valued in this manner include, but are not limited to: (i) a security for which trading has been halted or suspended; (ii) a debt security that has recently gone into default and for which there is not a current market quotation; (iii) a security of an issuer that has entered into a restructuring; (iv) a security that has been de-listed from a national exchange; (v) a security for which the market price is not readily available from a third party pricing source or, if so provided, does not, in the opinion of the Manager or the Subadvisor, reflect the security's market value; (vi) a security subject to trading collars for which no or limited trading takes place; and (vii) a security whose principal market has been temporarily closed at a time when, under normal conditions, it would be open. Securities for which market quotations or observable inputs are not readily available are generally categorized as Level 3 in the hierarchy. As of February 28, 2018, there were no securities held by the Fund that were fair valued in such a manner.

Futures contracts are valued at the last posted settlement price on the market where such futures are primarily traded and are generally categorized as Level 1 in the hierarchy.

Municipal debt securities are valued at the evaluated mean prices supplied by a pricing agent or broker selected by the Manager, in consultation with the Subadvisor. Those values reflect broker/dealer supplied prices and electronic data processing techniques, if the evaluated bid or mean prices are deemed by the Manager, in consultation with the Subadvisor, to be representative of market values, at the regular close of trading of the Exchange on each valuation date. Debt securities purchased on a delayed delivery basis are marked to market daily until settlement at the forward settlement date. Municipal debt securities are generally categorized as Level 2 in the hierarchy.

Temporary cash investments acquired in excess of 60 days to maturity at the time of purchase are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields,

maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments which mature in 60 days or less at the time of purchase are valued using the amortized cost method of valuation, unless the use of such method would be inappropriate. The amortized cost method involves valuing a security at its cost on the date of purchase and thereafter assuming a constant amortization to maturity of the difference between such cost and the value on maturity date. Amortized cost approximates the current fair value of a security. Securities valued using the amortized cost method are not valued using quoted prices in an active market and are generally categorized as Level 2 in the hierarchy.

The information above is not intended to reflect an exhaustive list of the methodologies that may be used to value portfolio investments. The valuation procedures permit the use of a variety of valuation methodologies in connection with valuing portfolio investments. The methodology used for a specific type of investment may vary based on the market data available or other considerations. The methodologies summarized above may not represent the specific means by which portfolio investments are valued on any particular business day.

Item 2. Controls And Procedures.

(a) Based on an evaluation of the Disclosure Controls and Procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, the “Disclosure Controls”) as of a date within 90 days prior to the filing date (the “Filing Date”) of this Form N-Q (the “Report”), the Registrant’s principal executive and principal financial officers have concluded that the Disclosure Controls are reasonably designed to ensure that information required to be disclosed by the Registrant in the Report is recorded, processed, summarized and reported by the Filing Date, including ensuring that information required to be disclosed in the Report is accumulated and communicated to the Registrant’s management, including the Registrant’s principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

(b) There were no changes in the Registrant’s internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) that occurred during the Registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Registrant's internal control over financial reporting.

Item 3. Exhibits.

(a) Certifications of principal executive officer and principal financial officer as required by Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the Registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized.

MAINSTAY MACKAY DEFINEDTERM MUNICIPAL OPPORTUNITIES FUND

By: /s/ Kirk C. Lehneis

Kirk C. Lehneis

President and Principal Executive Officer

Date: April 24, 2018

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this Report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

By: /s/ Kirk C. Lehneis

Kirk C. Lehneis

President and Principal Executive Officer

Date: April 24, 2018

By: /s/ Jack R. Benintende

Jack R. Benintende

Treasurer and Principal Financial and

Accounting Officer

Date: April 24, 2018