

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-B

October 28, 2016

PAGE 1
000 B000000 08/31/2016
000 C000000 1045126
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 BLACKROCK MUNIHOLDINGS INVEST. QUALITY FUND
001 B000000 811-08349
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
002 C000000 DE
002 D010000 19809
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
008 C000001 801-47710
008 D010001 WILMINGTON
008 D020001 DE
008 D030001 19809
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)
012 B000001 85-11340
012 C010001 CANTON
012 C020001 MA
012 C030001 02021
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)
012 B000002 85-05006
012 C010002 NEW YORK
012 C020002 NY
012 C030002 10289
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 BOSTON
013 B020001 MA
013 B030001 02116
014 A000001 BLACKROCK EXECUTION SERVICES
014 B000001 8-48719
014 A000002 BLACKROCK INVESTMENTS, LLC
014 B000002 8-48436
014 A000003 HARRIS WILLIAMS LLC
014 B000003 8-53380
014 A000004 PNC CAPITAL MARKETS, INC.
014 B000004 8-32493
PAGE 2
014 A000005 PNC INVESTMENTS LLC
014 B000005 8-66195
014 A000006 SOLEBURY CAPITAL, LLC
014 B000006 8-67548
015 A000001 STATE STREET BANK AND TRUST COMPANY
015 B000001 C

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

015 C010001 BOSTON
015 C020001 MA
015 C030001 02110
015 E010001 X
018 000000 Y
019 A000000 Y
019 B000000 273
019 C000000 BLKRRKADVSR
020 A000001 BANK OF AMERICA CORP
020 B000001 56-0906609
020 C000001 6
021 000000 6
022 A000001 BLACKROCK LIQUIDITY FUNDS, MUNICASH
022 B000001 52-0983343
022 C000001 112202
022 D000001 108725
022 A000002 MORGAN STANLEY
022 B000002 36-3145972
022 C000002 77176
022 D000002 33827
022 A000003 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000003 22-2509978
022 C000003 53172
022 D000003 56847
022 A000004 J.P. MORGAN SECURITIES INC.
022 B000004 13-3299429
022 C000004 37418
022 D000004 26686
022 A000005 CITIGROUP GLOBAL MARKETS INC
022 B000005 11-2418191
022 C000005 32928
022 D000005 29895
022 A000006 JEFFERIES & COMPANY INC
022 B000006 95-2622900
022 C000006 20864
022 D000006 31872
022 A000007 OPPENHEIMER + CO. INC.
022 B000007 13-2798343
022 C000007 24701
022 D000007 26561
022 A000008 BANK OF AMERICA CORP
022 B000008 56-0906609
022 C000008 48916
022 D000008 1755
022 A000009 PERSHING LLC
PAGE 3
022 B000009 13-2741729
022 C000009 15914
022 D000009 23309
022 A000010 BARCLAYS CAPITAL INC.
022 B000010 13-3297824
022 C000010 24689
022 D000010 9065
023 C000000 493056
023 D000000 444108
024 000000 N
025 D000001 0
026 A000000 N
026 B000000 N
026 C000000 N
026 D000000 Y
026 E000000 N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

026	F000000	N	
026	G010000	N	
026	G020000	N	
026	H000000	N	
027	000000	N	
028	A010000		0
028	A020000		0
028	A030000		0
028	A040000		0
028	B010000		0
028	B020000		0
028	B030000		0
028	B040000		0
028	C010000		0
028	C020000		0
028	C030000		0
028	C040000		0
028	D010000		0
028	D020000		0
028	D030000		0
028	D040000		0
028	E010000		0
028	E020000		0
028	E030000		0
028	E040000		0
028	F010000		0
028	F020000		0
028	F030000		0
028	F040000		0
028	G010000		0
028	G020000		0
028	G030000		0
028	G040000		0
028	H000000		0
030	A000000		0
	PAGE	4	
030	B000000		0.00
030	C000000		0.00
031	A000000		0
031	B000000		0
032	000000		0
033	000000		0
035	000000		0
036	B000000		0
038	000000		0
042	A000000		0
042	B000000		0
042	C000000	100	
042	D000000		0
042	E000000		0
042	F000000		0
042	G000000		0
042	H000000		0
043	000000		0
044	000000		0
045	000000	Y	
046	000000	N	
047	000000	Y	
048	000000		0.550
048	A010000		0
048	A020000		0.000
048	B010000		0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

048	B020000	0.000	
048	C010000		0
048	C020000	0.000	
048	D010000		0
048	D020000	0.000	
048	E010000		0
048	E020000	0.000	
048	F010000		0
048	F020000	0.000	
048	G010000		0
048	G020000	0.000	
048	H010000		0
048	H020000	0.000	
048	I010000		0
048	I020000	0.000	
048	J010000		0
048	J020000	0.000	
048	K010000		0
048	K020000	0.000	
049	000000	N	
050	000000	N	
051	000000	N	
052	000000	N	
053	A000000	Y	
053	B000000	Y	
	PAGE	5	
053	C000000	N	
054	A000000	Y	
054	B000000	Y	
054	C000000	N	
054	D000000	N	
054	E000000	N	
054	F000000	N	
054	G000000	N	
054	H000000	Y	
054	I000000	N	
054	J000000	Y	
054	K000000	N	
054	L000000	N	
054	M000000	Y	
054	N000000	N	
055	A000000	Y	
055	B000000	N	
056	000000	Y	
057	000000	N	
058	A000000	N	
059	000000	Y	
060	A000000	N	
060	B000000	N	
061	000000		0
062	A000000	Y	
062	B000000	0.0	
062	C000000	0.0	
062	D000000	0.0	
062	E000000	0.0	
062	F000000	0.0	
062	G000000	0.0	
062	H000000	0.0	
062	I000000	0.0	
062	J000000	0.0	
062	K000000	0.0	
062	L000000	0.6	

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

062	M000000	0.0
062	N000000	0.0
062	O000000	165.3
062	P000000	0.0
062	Q000000	0.0
062	R000000	0.0
063	A000000	0
063	B000000	21.1
064	A000000	Y
064	B000000	N
066	A000000	N
067	000000	N
068	A000000	N
068	B000000	N
069	000000	N
	PAGE	6
070	A010000	Y
070	A020000	N
070	B010000	N
070	B020000	N
070	C010000	Y
070	C020000	N
070	D010000	N
070	D020000	N
070	E010000	Y
070	E020000	Y
070	F010000	N
070	F020000	N
070	G010000	Y
070	G020000	N
070	H010000	N
070	H020000	N
070	I010000	N
070	I020000	N
070	J010000	Y
070	J020000	N
070	K010000	Y
070	K020000	Y
070	L010000	N
070	L020000	N
070	M010000	N
070	M020000	N
070	N010000	Y
070	N020000	N
070	O010000	Y
070	O020000	N
070	P010000	Y
070	P020000	N
070	Q010000	N
070	Q020000	N
070	R010000	Y
070	R020000	N
071	A000000	303336
071	B000000	258284
071	C000000	943380
071	D000000	27
072	A000000	12
072	B000000	42004
072	C000000	5
072	D000000	0
072	E000000	0
072	F000000	5262

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

072 G000000 111
 072 H000000 0
 072 I000000 48
 072 J000000 41
 072 K000000 0

PAGE 7

072 L000000 16
 072 M000000 93
 072 N000000 13
 072 O000000 0
 072 P000000 3863
 072 Q000000 0
 072 R000000 63
 072 S000000 48
 072 T000000 0
 072 U000000 0
 072 V000000 0
 072 W000000 146
 072 X000000 9704
 072 Y000000 286
 072 Z000000 32591
 072AA000000 6298
 072BB000000 0
 072CC010000 19384
 072CC020000 0
 072DD010000 32441
 072DD020000 0
 072EE000000 0
 073 A010000 0.8580
 073 A020000 0.0000
 073 B000000 0.0000
 073 C000000 0.0000
 074 A000000 538
 074 B000000 0
 074 C000000 0
 074 D000000 991611
 074 E000000 0
 074 F000000 0
 074 G000000 0
 074 H000000 0
 074 I000000 3477
 074 J000000 10279
 074 K000000 1
 074 L000000 21257
 074 M000000 30
 074 N000000 1027193
 074 O000000 17656
 074 P000000 862
 074 Q000000 0
 074 R010000 0
 074 R020000 0
 074 R030000 0
 074 R040000 134566
 074 S000000 274179
 074 T000000 599930
 074 U010000 37821
 074 U020000 0

PAGE 8

074 V010000 15.86
 074 V020000 0.00
 074 W000000 0.0000
 074 X000000 14177

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-B

074	Y000000	36469
075	A000000	0
075	B000000	588072
076	000000	15.86
077	A000000	Y
077	B000000	Y
077	O000000	Y
077	Q010000	N
078	000000	N
080	A000000	FEDERAL INSURANCE COMPANY
080	B000000	ST. PAUL FIRE & MARINE INSURANCE COMPANY
080	C000000	61025
081	A000000	Y
081	B000000	74
082	A000000	N
082	B000000	0
083	A000000	N
083	B000000	0
084	A000000	N
084	B000000	0
085	A000000	Y
085	B000000	N
086	A010000	1
086	A020000	211
086	B010000	0
086	B020000	0
086	C010000	0
086	C020000	0
086	D010000	0
086	D020000	0
086	E010000	0
086	E020000	0
086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK
087	A020000	09254P108
087	A030000	MFL
087	B010000	PREFERRED STOCK
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	