

BLACKROCK APEX MUNICIPAL FUND INC  
Form NSAR-A  
December 29, 2010

PAGE 1  
000 A000000 10/31/2010  
000 C000000 0000817998  
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 APEX MUNICIPAL FUND, INC.  
001 B000000 811-05227  
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  
007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 BLACKROCK ADVISORS, LLC  
008 B000001 A  
008 C000001 801-47710  
008 D010001 WILMINGTON  
008 D020001 DE  
008 D030001 19809  
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC  
008 B000002 S  
008 C000002 801-56972  
008 D010002 PLAINSBORO  
008 D020002 NJ  
008 D030002 08536  
012 A000001 BNY MELLON SHAREOWNER SERVICES  
012 B000001 85-05006  
012 C010001 JERSEY CITY  
012 C020001 NJ  
012 C030001 07310  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
PAGE 2  
013 B020001 NJ  
013 B030001 08540  
014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
014 A000002 BLACKROCK EXECUTION SERVICES  
014 B000002 8-48719

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000003 8-67795  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 PNC CAPITAL MARKETS, INC.  
014 B000006 8-32493  
014 A000007 PNC INVESTMENTS LLC  
014 B000007 8-66195  
015 A000001 THE BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10286  
015 E010001 X  
015 A000002 J.P. MORGAN CHASE BANK  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
015 C030002 10017  
015 E010002 X  
018 000000 Y  
019 A000000 Y  
019 B000000 279  
019 C000000 BLKRRADVSR  
020 A000001 RBS SECURITIES INC.  
020 C000001 0  
020 C000002 0  
020 C000003 0  
020 C000004 0  
020 C000005 0  
020 C000006 0  
020 C000007 0  
020 C000008 0  
020 C000009 0  
020 C000010 0  
021 000000 0  
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 12666  
022 D000001 12345  
022 A000002 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.  
022 B000002 13-5674085  
022 C000002 4650  
PAGE 3  
022 D000002 637  
022 A000003 CITIGROUP GLOBAL MARKETS, INC.  
022 B000003 11-2418191  
022 C000003 793  
022 D000003 3849  
022 A000004 MORGAN STANLEY & CO. INCORPORATED  
022 B000004 13-2655998  
022 C000004 1612  
022 D000004 2314  
022 A000005 PRAGER, SEALY & CO., LLC  
022 B000005 94-3057440  
022 C000005 0  
022 D000005 3634  
022 A000006 STIFEL, NICOLAUS & COMPANY, INCORPORATED  
022 B000006 43-0538770  
022 C000006 1696

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

022 D000006 1229  
022 A000007 GOLDMAN, SACHS & CO.  
022 B000007 13-5108880  
022 C000007 1252  
022 D000007 1536  
022 A000008 J.P. MORGAN SECURITIES INC.  
022 B000008 13-3299429  
022 C000008 1635  
022 D000008 718  
022 A000009 KEYBANC CAPITAL MARKETS INC.  
022 B000009 34-1391952  
022 C000009 830  
022 D000009 848  
022 A000010 WELLS FARGO ADVISORS, LLC  
022 B000010 54-0796506  
022 C000010 1360  
022 D000010 0  
023 C000000 29694  
023 D000000 32665  
024 000000 N  
026 A000000 N  
026 B000000 N  
026 C000000 N  
026 D000000 Y  
026 E000000 N  
026 F000000 N  
026 G010000 N  
026 G020000 N  
026 H000000 N  
027 000000 N  
045 000000 Y  
046 000000 N  
047 000000 Y  
048 000000 0.650  
048 A010000 0  
PAGE 4  
048 A020000 0.000  
048 B010000 0  
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

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

053	B000000	Y	
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	N	
055	B000000	N	
056	000000	Y	
057	000000	N	
058	A000000	N	
059	000000	Y	
060	A000000	N	
060	B000000	N	
061	000000		0
	PAGE	5	
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		0.5
062	M000000		0.0
062	N000000		0.0
062	O000000		100.0
062	P000000		0.0
062	Q000000		0.0
062	R000000		0.0
063	A000000		0
063	B000000		22.7
064	A000000	Y	
064	B000000	Y	
065	000000	N	
066	A000000	N	
067	000000	N	
068	A000000	N	
068	B000000	N	
069	000000	N	
070	A010000	Y	
070	A020000	N	
070	B010000	N	
070	B020000	N	
070	C010000	Y	
070	C020000	N	
070	D010000	N	
070	D020000	N	

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

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	
	PAGE	6	
070	L020000	N	
070	M010000	N	
070	M020000	N	
070	N010000	N	
070	N020000	N	
070	O010000	Y	
070	O020000	N	
070	P010000	Y	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	N	
070	R020000	N	
071	A000000		17009
071	B000000		21432
071	C000000		190497
071	D000000		9
072	A000000	6	
072	B000000		6318
072	C000000		0
072	D000000		0
072	E000000		1
072	F000000		629
072	G000000		18
072	H000000		0
072	I000000		16
072	J000000		9
072	K000000		0
072	L000000		6
072	M000000		10
072	N000000		4
072	O000000		0
072	P000000		33
072	Q000000		0
072	R000000		17
072	S000000		7
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		23
072	X000000		772
072	Y000000		0
072	Z000000		5547
072AA	000000		0
072BB	000000		351
072CC	010000		6299

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

072CC020000 0  
 072DD010000 5275  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.2640

PAGE 7

073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 0  
 074 B000000 0  
 074 C000000 0  
 074 D000000 189891  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 999  
 074 J000000 3724  
 074 K000000 0  
 074 L000000 3605  
 074 M000000 17  
 074 N000000 198236  
 074 O000000 0  
 074 P000000 110  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 8196  
 074 S000000 0  
 074 T000000 189930  
 074 U010000 19991  
 074 U020000 0  
 074 V010000 9.50  
 074 V020000 0.00  
 074 W000000 0.0000  
 074 X000000 9232  
 074 Y000000 2550  
 075 A000000 0  
 075 B000000 186670  
 076 000000 9.31

077 A000000 Y  
 077 Q010000 Y  
 078 000000 N

086 A010000 9  
 086 A020000 89  
 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

PAGE 8

087 A010000 COMMON STOCK  
 087 A020000 09254H106  
 087 A030000 APX  
 088 A000000 N

Edgar Filing: BLACKROCK APEX MUNICIPAL FUND INC - Form NSAR-A

088 B000000 N

088 C000000 N

088 D000000 N

SIGNATURE NEAL J. ANDREWS

TITLE CFO