

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

Nuveen Core Equity Alpha Fund  
Form NSAR-A  
August 31, 2009

PAGE 1  
000 A000000 06/30/2009  
000 C000000 0001385763  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 NUVEEN CORE EQUITY ALPHA FUND  
001 B000000 811-220003  
001 C000000 3129178200  
002 A000000 333 WEST WACKER DRIVE  
002 B000000 CHICAGO  
002 C000000 IL  
002 D010000 60606  
002 D020000 1286  
003 000000 Y  
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 NUVEEN ASSET MANAGEMENT  
008 B000001 A  
008 C000001 801-14147  
008 D010001 CHICAGO  
008 D020001 IL  
008 D030001 60606  
008 D040001 1286  
008 A000002 ENHANCED INVESTMENT TECHNOLOGIES (INTECH)  
008 B000002 A  
008 C000002 801-60987  
008 D010002 PALM BEACH GARDENS  
008 D020002 FL  
008 D030002 33410  
012 A000001 EQUISERVE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
PAGE 2  
013 A000001 PRICewaterhouseCOOPERS LLP  
013 B010001 CHICAGO  
013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464

## Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X  
018 000000 Y  
019 A000000 Y  
019 B000000 199  
019 C000000 NUVEENFUND  
020 A000001 DEUTSCHE BANK SECURITIES INC  
020 B000001 13-2730828  
020 C000001 14  
020 A000002 MERRILL LYNCH  
020 B000002 13-5674085  
020 C000002 10  
020 A000003 GOLDMAN SACHS  
020 B000003 13-5108880  
020 C000003 7  
020 A000004 INSTINET CORP  
020 B000004 13-3443395  
020 C000004 7  
020 A000005 CAPITAL INSITUTIONAL SVCS INC  
020 C000005 7  
020 A000006 JEFFERIES & CO  
020 B000006 95-2622900  
020 C000006 6  
020 A000007 GUZMAN & CO  
020 B000007 59-2764363  
020 C000007 6  
020 A000008 WEEDEN & CO  
020 B000008 13-3364318  
020 C000008 6  
020 A000009 CREDIT SUISSE  
020 B000009 13-5659485  
020 C000009 5  
020 A000010 BNY CAPITAL MARKETS  
020 B000010 13-3878175  
020 C000010 4  
021 000000 77  
022 A000001 MERRILL LYNCH  
022 B000001 13-5674085  
022 C000001 16227  
022 D000001 22345  
022 A000002 DEUTSCHE BANK

PAGE 3

022 B000002 13-2730828  
022 C000002 15353  
022 D000002 13311  
022 A000003 INSTINET CORP  
022 B000003 13-3443395  
022 C000003 8882  
022 D000003 8582  
022 A000004 JEFFERIES & CO  
022 B000004 95-2622900  
022 C000004 7763  
022 D000004 8530  
022 A000005 GOLDMAN SACHS  
022 B000005 13-5108880  
022 C000005 6031  
022 D000005 8115  
022 A000006 CAPITAL INSTITUTIONAL

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

022	B000006	75-1565705	
022	C000006	7128	
022	D000006	6197	
022	A000007	GUZMAN & CO	
022	B000007	59-2764363	
022	C000007	5310	
022	D000007	6941	
022	A000008	LYNCH, JONES & RYAN	
022	B000008	13-3356934	
022	C000008	6178	
022	D000008	5528	
022	A000009	WEEDEN & CO	
022	B000009	13-3364318	
022	C000009	4960	
022	D000009	6113	
022	A000010	CREDIT SUISSE	
022	B000010	13-5659485	
022	C000010	4065	
022	D000010	5090	
023	C000000	88260	
023	D000000	95451	
024	000000	N	
025	D000001	0	
025	D000002	0	
025	D000003	0	
025	D000004	0	
025	D000005	0	
025	D000006	0	
025	D000007	0	
025	D000008	0	
026	A000000	N	
026	B000000	N	
026	C000000	N	
026	D000000	Y	
026	E000000	N	
		PAGE	4
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	

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

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
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	0
042	D000000	0
042	E000000	0
042	F000000	0
042	G000000	0
	PAGE 5	
042	H000000	0
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
047	000000	N
048	000000	0.000
048	A010000	0
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	Y
053	A000000	N
054	A000000	Y
054	B000000	N

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

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  
054 O000000 Y  
055 A000000 Y  
055 B000000 N  
PAGE 6  
056 000000 Y  
057 000000 N  
058 A000000 N  
059 000000 Y  
060 A000000 Y  
060 B000000 Y  
061 000000 0  
062 A000000 N  
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 0.0  
062 M000000 0.0  
062 N000000 0.0  
062 O000000 0.0  
062 P000000 0.0  
062 Q000000 0.0  
062 R000000 0.0  
063 A000000 0  
063 B000000 0.0  
066 A000000 Y  
066 B000000 N  
066 C000000 N  
066 D000000 N  
066 E000000 N  
066 F000000 N  
066 G000000 Y  
067 000000 N  
068 A000000 N  
068 B000000 N  
069 000000 N  
070 A010000 Y  
070 A020000 Y  
070 B010000 Y  
070 B020000 Y  
070 C010000 Y  
070 C020000 N  
070 D010000 N  
070 D020000 N

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

070	E010000	Y	
070	E020000	N	
070	F010000	Y	
070	F020000	Y	
070	G010000	Y	
	PAGE	7	
070	G020000	N	
070	H010000	Y	
070	H020000	N	
070	I010000	Y	
070	I020000	N	
070	J010000	Y	
070	J020000	N	
070	K010000	Y	
070	K020000	N	
070	L010000	Y	
070	L020000	N	
070	M010000	Y	
070	M020000	N	
070	N010000	Y	
070	N020000	N	
070	O010000	Y	
070	O020000	N	
070	P010000	N	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	Y	
070	R020000	N	
071	A000000		88304
071	B000000		95451
071	C000000		174049
071	D000000		51
072	A000000	6	
072	B000000		13
072	C000000		2240
072	D000000		0
072	E000000		0
072	F000000		834
072	G000000		0
072	H000000		0
072	I000000		0
072	J000000		85
072	K000000		10
072	L000000		21
072	M000000		3
072	N000000		0
072	O000000		0
072	P000000		0
072	Q000000		0
072	R000000		12
072	S000000		8
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		37
072	X000000		1010
	PAGE	8	
072	Y000000		0
072	Z000000		1243
072AA000000			0
072BB000000			40882

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

072CC010000	42438
072CC020000	0
072DD010000	0
072DD020000	0
072EE000000	0
073 A010000	0.5400
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	0
074 B000000	2691
074 C000000	7999
074 D000000	0
074 E000000	0
074 F000000	177946
074 G000000	0
074 H000000	0
074 I000000	0
074 J000000	1629
074 K000000	0
074 L000000	294
074 M000000	10
074 N000000	190569
074 O000000	1817
074 P000000	145
074 Q000000	0
074 R010000	0
074 R020000	0
074 R030000	567
074 R040000	3690
074 S000000	0
074 T000000	184350
074 U010000	16193
074 U020000	0
074 V010000	11.38
074 V020000	0.00
074 W000000	0.0000
074 X000000	6
074 Y000000	5722
075 A000000	0
075 B000000	177220
076 000000	9.72
077 A000000	N
078 000000	N
080 C000000	0
081 B000000	0
082 B000000	0
PAGE 9	
083 B000000	0
084 B000000	0
086 A010000	0
086 A020000	0
086 B010000	96
086 B020000	859
086 C010000	0
086 C020000	0
086 D010000	0
086 D020000	0
086 E010000	0
086 E020000	0
086 F010000	0
086 F020000	0

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

087 A010000 COMMON STOCK  
087 A020000 67090X107  
087 A030000 JCE  
088 A000000 N  
088 B000000 N  
088 C000000 N  
088 D000000 N  
SIGNATURE STEPHEN D. FOY  
TITLE V.P. & CONTROLLER