

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

Pioneer Diversified High Income Trust
Form NSAR-A
December 30, 2008

PAGE 1
000 A000000 10/31/2008
000 C000000 1388126
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 PIONEER DIVERSIFIED HIGH INCOME TRUST
001 B000000 811-22014
001 C000000 6177427825
002 A000000 60 STATE STREET
002 B000000 BOSTON
002 C000000 MA
002 D010000 02109
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 PIONEER INVESTMENT MANAGEMENT, INC.
008 B000001 A
008 C000001 801-8255
008 D010001 BOSTON
008 D020001 MA
008 D030001 02109
008 A000002 MONTEPELIER CAPITAL ADVISORS, LTD.
008 B000002 S
008 C000002 801-00000
008 D010002 BERMUDA
008 D050002 BERMUDA
010 A000001 PIONEER INVESTMENT MANAGEMENT, INC.
010 B000001 801-8255
010 C010001 BOSTON
010 C020001 MA
010 C030001 02109
010 A000002 PRINCETON ADMINISTRATORS, LLC
010 C010002 PRINCETON
010 C020002 NJ
PAGE 2
010 C030002 08543
010 C040002 9095
011 A000001 MERRILL LYNCH & CO.
011 B000001 8-7221
011 C010001 NEW YORK
011 C020001 NY

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

011 C030001 10281
011 C040001 1201
011 A000002 UBS INVESTMENT BANK
011 B000002 8-000000
011 C010002 XX
011 C020002 CT
011 C030002 00000
011 A000003 RBC CAPITAL MARKETS CORP.
011 B000003 8-045411
011 C010003 MINNEAPOLIS
011 C020003 MN
011 C030003 55402
011 C040003 4422
011 A000004 ROBERT W. BAIRD & CO.
011 B000004 8-00000
011 C010004 MILWAUKEE
011 C020004 WI
011 C030004 00000
011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
011 C030005 19103
011 C040005 1675
011 A000006 FERRIS, BAKER WATTS, INC.
011 B000006 8-00000
011 C010006 WASHINGTON
011 C020006 DC
011 C030006 00000
011 A000007 MORGAN KEEGAN & CO., INC.
011 B000007 8-000000
011 C010007 MEMPHIS
011 C020007 TN
011 C030007 00000
012 A000001 PIONEER INVEST. MGT. SHAREHOLDER SVCS., INC.
012 B000001 85-1359
012 C010001 BOSTON
012 C020001 MA
012 C030001 02109
012 A000002 AMERICAN STOCK TRANSFER & TRUST CO.
012 B000002 85-00000
012 C010002 BROOKLYN
012 C020002 NY
012 C030002 11219
013 A000001 ERNST & YOUNG LLP
PAGE 3
013 B010001 BOSTON
013 B020001 MA
013 B030001 02116
015 A000001 BROWN BROTHERS HARRIMAN & CO.
015 B000001 C
015 C010001 BOSTON
015 C020001 MA
015 C030001 02109
015 E010001 X
015 A000002 BANK AUSTRIA
015 B000002 S
015 C010002 VIENNA
015 D010002 AUSTRIA
015 E040002 X
015 A000003 BANQUE BRUXELLES LAMBERT
015 B000003 S

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

015 C010003 BRUSSELS
015 D010003 BELGIUM
015 E040003 X
015 A000004 BANK OF BOSTON
015 B000004 S
015 C010004 SAO PAULO
015 D010004 BRAZIL
015 E040004 X
015 A000005 NATIONAL AUSTRALIA BANK
015 B000005 S
015 C010005 MELBOURNE
015 D010005 AUSTRALIA
015 E040005 X
015 A000006 ROYAL BANK OF CANADA
015 B000006 S
015 C010006 TORONTO
015 D010006 CANADA
015 E040006 X
015 A000007 DEN DANSKE BANK
015 B000007 S
015 C010007 COPENHAGEN
015 D010007 DENMARK
015 E040007 X
015 A000008 MERITA BANK
015 B000008 S
015 C010008 HELSINKI
015 D010008 FINLAND
015 E040008 X
015 A000009 BANQUE PARIBAS
015 B000009 S
015 C010009 PARIS
015 D010009 FRANCE
015 E040009 X
015 A000010 DRESDNER BANK
015 B000010 S
PAGE 4
015 C010010 FRANKFURT
015 D010010 GERMANY
015 E040010 X
015 A000011 CITIBANK, N.A.
015 B000011 S
015 C010011 ATHENS
015 D010011 GREECE
015 E040011 X
015 A000012 STANDARD CHARTERED BANK
015 B000012 S
015 C010012 HONG KONG
015 D010012 HONG KONG
015 E040012 X
015 A000013 CITIBANK, N.A.
015 B000013 S
015 C010013 MUMBAI
015 D010013 INDIA
015 E040013 X
015 A000014 BANCA COMMERCIALE ITALIANA
015 B000014 S
015 C010014 MILAN
015 D010014 ITALY
015 E040014 X
015 A000015 THE SUMITOMO BANK, LIMITED
015 B000015 S
015 C010015 TOKYO

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

015 D010015 JAPAN
015 E040015 X
015 A000016 CITIBANK, N.A.
015 B000016 S
015 C010016 SEOUL
015 D010016 SOUTH KOREA
015 E040016 X
015 A000017 HONK KONG BANK MALAYSIA
015 B000017 S
015 C010017 KUALA LUMPUR
015 D010017 MALAYSIA
015 E040017 X
015 A000018 CITIBANK, N.A.
015 B000018 S
015 C010018 MEXICO CITY
015 D010018 MEXICO
015 E040018 X
015 A000019 MEESPIERSON
015 B000019 S
015 C010019 AMSTERDAM
015 D010019 NETHERLANDS
015 E040019 X
015 A000020 NATIONAL NOMINEES LIMITED
015 B000020 S
015 C010020 AUCKLAND
PAGE 5
015 D010020 NEW ZEALAND
015 E040020 X
015 A000021 DEN NORSE BANK
015 B000021 S
015 C010021 OSLO
015 D010021 NORWAY
015 E040021 X
015 A000022 CITIBANK, N.A.
015 B000022 S
015 C010022 WARSAW
015 D010022 POLAND
015 E040022 X
015 A000023 BANCO COMERCIAL PORTUGUESE SA
015 B000023 S
015 C010023 LISBON
015 D010023 PORTUGAL
015 E040023 X
015 A000024 STANDARD CHARTERED BANK
015 B000024 S
015 C010024 SINGAPORE
015 D010024 SINGAPORE
015 E040024 X
015 A000025 BANCO DE SANTANDER
015 B000025 S
015 C010025 MADRID
015 D010025 SPAIN
015 E040025 X
015 A000026 SKANDINAVISKA ENSKILDA BANKEN
015 B000026 S
015 C010026 STOCKHOLM
015 D010026 SWEDEN
015 E040026 X
015 A000027 UNION BANK OF SWITZERLAND AG
015 B000027 S
015 C010027 ZURICH
015 D010027 SWITZERLAND

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

015 E040027 X
015 A000028 CENTRAL TRUST OF CHINA
015 B000028 S
015 C010028 TAIPEI
015 D010028 TAIWAN
015 E040028 X
015 A000029 HONG KONG AND SHANGHAI BANKING CORPORATION
015 B000029 S
015 C010029 BANGKOK
015 D010029 THAILAND
015 E040029 X
015 A000030 MIDLAND BANK
015 B000030 S
015 C010030 LONDON
015 D010030 UNITED KINGDOM

PAGE 6

015 E040030 X
015 A000031 FIRST NATIONAL BANK OF SOUTH AFRICA
015 B000031 S
015 C010031 JOHANNESBURG
015 D010031 SOUTH AFRICA
015 E040031 X
018 000000 Y
019 A000000 Y
019 B000000 76
019 C000000 PIONEERFDS
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 BARCLAYS INVESTMENTS, INC.
022 B000001 05-0346412
022 C000001 136312
022 D000001 799
022 A000002 DEUTSCHE BANK SECURITIES INC.
022 B000002 13-2730828
022 C000002 131643
022 D000002 283
022 A000003 BANC OF AMERICA SECURITIES, LLC
022 B000003 56-2058405
022 C000003 128239
022 D000003 270
022 A000004 J.P. MORGAN SECURITIES, INC.
022 B000004 13-3224016
022 C000004 125040
022 D000004 2664
022 A000005 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.
022 B000005 13-5674085
022 C000005 110019
022 D000005 1181
022 A000006 BROWN BROTHERS HARRIMAN & CO.
022 B000006 13-4973745
022 C000006 89726
022 D000006 0
022 A000007 CREDIT SUISSE SECURITIES (USA), LLC

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

022 B000007 13-5659485
022 C000007 6762
022 D000007 1916
022 A000008 GOLDMAN, SACHS & CO.
022 B000008 13-5108880
PAGE 7
022 C000008 6376
022 D000008 149
022 A000009 CITIGROUP GLOBAL MARKETS, INC.
022 B000009 11-2418191
022 C000009 3069
022 D000009 2096
022 A000010 MORGAN STANLEY & CO., INC.
022 B000010 13-2655998
022 C000010 4448
022 D000010 453
023 C000000 754466
023 D000000 18593
024 000000 N
026 A000000 N
026 B000000 Y
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 0.850
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
PAGE 8
051 000000 N
052 000000 N
053 A000000 Y
053 B000000 Y

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

053	C000000	N	
054	A000000	Y	
054	B000000	Y	
054	C000000	Y	
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	N	
055	A000000	Y	
055	B000000	Y	
056	000000	Y	
057	000000	N	
058	A000000	N	
059	000000	Y	
060	A000000	Y	
060	B000000	Y	
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		4.7
062	M000000		0.0
062	N000000		0.0
062	O000000		0.0
062	P000000		87.1
062	Q000000		49.0
062	R000000		0.3
063	A000000		0
063	B000000		5.0
064	A000000	N	
064	B000000	Y	
	PAGE	9	
065	000000	N	
066	A000000	N	
067	000000	N	
068	A000000	N	
068	B000000	N	
069	000000	N	
070	A010000	Y	
070	A020000	Y	
070	B010000	Y	
070	B020000	N	
070	C010000	Y	
070	C020000	N	
070	D010000	Y	
070	D020000	N	

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

070	E010000	Y	
070	E020000	N	
070	F010000	Y	
070	F020000	N	
070	G010000	Y	
070	G020000	N	
070	H010000	Y	
070	H020000	N	
070	I010000	N	
070	I020000	N	
070	J010000	Y	
070	J020000	Y	
070	K010000	Y	
070	K020000	N	
070	L010000	Y	
070	L020000	Y	
070	M010000	Y	
070	M020000	Y	
070	N010000	Y	
070	N020000	Y	
070	O010000	Y	
070	O020000	Y	
070	P010000	N	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	N	
070	R020000	N	
071	A000000		42406
071	B000000		45042
071	C000000		224560
071	D000000		19
072	A000000		6
072	B000000		11528
072	C000000		9
072	D000000		0
072	E000000		116
	PAGE	10	
072	F000000		1003
072	G000000		103
072	H000000		0
072	I000000		33
072	J000000		67
072	K000000		0
072	L000000		22
072	M000000		4
072	N000000		9
072	O000000		0
072	P000000		1084
072	Q000000		0
072	R000000		25
072	S000000		14
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		49
072	X000000		2413
072	Y000000		161
072	Z000000		9401
072AA	000000		0
072BB	000000		2135
072CC	010000		0

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

072CC020000	52144
072DD010000	10225
072DD020000	0
072EE000000	0
073 A010000	1.2540
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	1633
074 B000000	0
074 C000000	5761
074 D000000	169339
074 E000000	416
074 F000000	18
074 G000000	0
074 H000000	0
074 I000000	811
074 J000000	1852
074 K000000	0
074 L000000	4304
074 M000000	13
074 N000000	184147
074 O000000	245
074 P000000	124
074 Q000000	53000
074 R010000	0
074 R020000	0
PAGE 11	
074 R030000	0
074 R040000	6366
074 S000000	0
074 T000000	124412
074 U010000	8154
074 U020000	0
074 V010000	15.26
074 V020000	0.00
074 W000000	0.0000
074 X000000	5497
074 Y000000	0
075 A000000	0
075 B000000	168155
076 000000	13.11
077 A000000	N
078 000000	N
080 A000000	ICI MUTUAL INSURANCE CO.
080 C000000	45000
081 A000000	Y
081 B000000	76
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	0
086 A020000	0
086 B010000	0
086 B020000	0
086 C010000	0
086 C020000	0

Edgar Filing: Pioneer Diversified High Income Trust - Form NSAR-A

086	D010000	0
086	D020000	0
086	E010000	0
086	E020000	0
086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK
087	A020000	723653101
087	A030000	HNW
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	N
SIGNATURE	MARY KELLERMANN	
TITLE	ACCOUNTING MANAGER	