

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

Pioneer Diversified High Income Trust  
Form NSAR-B  
June 27, 2008

PAGE 1  
000 B000000 04/30/2008  
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-B

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-B

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-B

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-B

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 77  
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 BROWN BROTHERS HARRIMAN & CO.  
022 B000001 13-4973745  
022 C000001 3474056  
022 D000001 0  
022 A000002 J.P. MORGAN SECURITIES, INC.  
022 B000002 13-3224016  
022 C000002 1287391  
022 D000002 3489  
022 A000003 LEHMAN BROTHERS, INC.  
022 B000003 13-2518466  
022 C000003 1126514  
022 D000003 748  
022 A000004 BARCLAYS CAPITAL, INC.  
022 C000004 767551  
022 D000004 590  
022 A000005 DEUTSCHE BANK SECURITIES INC.  
022 B000005 13-2730828  
022 C000005 502594  
022 D000005 1170  
022 A000006 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.  
022 B000006 13-5674085  
022 C000006 413629  
022 D000006 0  
022 A000007 BANC OF AMERICA SECURITIES, LLC  
022 B000007 56-2058405

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

022 C000007 371308  
022 D000007 304  
022 A000008 MORGAN STANLEY & CO., INC.  
022 B000008 13-2655998  
022 C000008 315410  
PAGE 7  
022 D000008 455  
022 A000009 BNP PARIBAS SECURITIES CORP.  
022 B000009 13-3235334  
022 C000009 275039  
022 D000009 0  
022 A000010 RBS GREENWICH CAPITAL  
022 C000010 251150  
022 D000010 75  
023 C000000 9444794  
023 D000000 10788  
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  
051 000000 N  
052 000000 N  
PAGE 8  
053 A000000 Y  
053 B000000 Y  
053 C000000 N  
054 A000000 Y

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

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 19.5  
 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 4.6  
 062 M000000 0.0  
 062 N000000 0.0  
 062 O000000 0.0  
 062 P000000 84.6  
 062 Q000000 42.5  
 062 R000000 0.0  
 063 A000000 0  
 063 B000000 4.6  
 064 A000000 N  
 064 B000000 Y  
 065 000000 N  
 066 A000000 N  
 PAGE 9  
 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  
 070 E010000 Y  
 070 E020000 N

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

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		277518
071	B000000		33571
071	C000000		163698
071	D000000		21
072	A000000	11	
072	B000000		16522
072	C000000		0
072	D000000		0
072	E000000		32
072	F000000		1566
072	G000000		161
	PAGE	10	
072	H000000		0
072	I000000		18
072	J000000		36
072	K000000		0
072	L000000		25
072	M000000		6
072	N000000		18
072	O000000		0
072	P000000		562
072	Q000000		0
072	R000000		46
072	S000000		189
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		113
072	X000000		2740
072	Y000000		504
072	Z000000		14318
072AA	000000		0
072BB	000000		1863
072CC	010000		0
072CC	020000		12683
072DD	010000		14531



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

072DD020000	0
072EE000000	0
073 A010000	1.7820
073 A020000	0.0000
073 B000000	0.0000
073 C000000	0.0000
074 A000000	0
074 B000000	34975
074 C000000	8303
074 D000000	228169
074 E000000	0
074 F000000	0
074 G000000	0
074 H000000	0
074 I000000	35
074 J000000	455
074 K000000	0
074 L000000	4258
074 M000000	13
074 N000000	276208
074 O000000	7392
074 P000000	61
074 Q000000	0
074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	89240
PAGE 11	
074 S000000	0
074 T000000	179515
074 U010000	8154
074 U020000	0
074 V010000	22.02
074 V020000	0.00
074 W000000	0.0000
074 X000000	5016
074 Y000000	0
075 A000000	0
075 B000000	183823
076 000000	20.47
077 A000000	Y
077 B000000	Y
077 C000000	N
077 D000000	N
077 E000000	N
077 F000000	N
077 G000000	N
077 H000000	N
077 I000000	N
077 J000000	N
077 K000000	N
077 L000000	N
077 M000000	N
077 N000000	N
077 O000000	N
077 P000000	N
077 Q010000	N
077 Q020000	N
077 Q030000	N
078 000000	N
080 A000000	ICI MUTUAL INSURANCE CO.
080 C000000	45000

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

081 A000000 Y  
081 B000000 77  
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 8150  
086 A020000 194581  
086 B010000 0  
086 B020000 0  
086 C010000 0  
086 C020000 0  
086 D010000 0  
PAGE 12  
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