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Pioneer Diversified High Income Trust  
Form NSAR-B  
June 28, 2016

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000 B000000 04/30/2016  
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000 E000000 NF  
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000 I000000 6.1  
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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  
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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 HAMILTON  
008 D050002 BERMUDA  
010 A000001 PIONEER INVESTMENT MANAGEMENT, INC.  
010 B000001 801-8255  
010 C010001 BOSTON  
010 C020001 MA  
010 C030001 02109  
010 A000002 BROWN BROTHERS HARRIMAN & CO.  
010 C010002 BOSTON  
010 C020002 MA  
PAGE 2  
010 C030002 02110  
011 A000001 MERRILL LYNCH & CO.  
011 B000001 8-7221  
011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10281

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011 C040001 1201  
011 A000002 UBS INVESTMENT BANK  
011 B000002 8-022651  
011 C010002 STAMFORD  
011 C020002 CT  
011 C030002 06901  
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 8-00497  
011 C010004 MILWAUKEE  
011 C020004 WI  
011 C030004 53201  
011 C040004 0672  
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 20006  
011 A000007 MORGAN KEEGAN & CO., INC.  
011 B000007 8-15001  
011 C010007 MEMPHIS  
011 C020007 TN  
011 C030007 38103  
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 DELOITTE & TOUCHE LLP  
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013 B010001 BOSTON  
013 B020001 MA  
013 B030001 02116  
015 A000001 BROWN BROTHER HARRIMAN & CO.  
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015 C010001 BOSTON  
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015 A000002 CITIBANK, N.A., BUENOS AIRES BRANCH  
015 B000002 S  
015 C010002 BUENOS AIRES  
015 D010002 ARGENTINA  
015 E040002 X  
015 A000003 HSBC BANK AUSTRALIA LIMITED  
015 B000003 S

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015 C010003 SYDNEY  
015 D010003 AUSTRALIA  
015 E040003 X  
015 A000004 UNICREDIT BANK AUSTRIA AG  
015 B000004 S  
015 C010004 VIENNA  
015 D010004 AUSTRIA  
015 E040004 X  
015 A000005 EUROCLEAR BANK SA NV  
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015 C010005 BRUSSELS  
015 D010005 BELGIUM  
015 E040005 X  
015 A000006 NORDEA BANK FINLAND PLC  
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015 C010006 HELSINKI  
015 D010006 ESTONIA  
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015 A000007 STANDARD CHARTERED BANK, BANGLADESH BRANCH  
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015 C010007 DHAKA  
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015 E040007 X  
015 A000008 CITIBANK, N.A., SAO PAULO BRANCH  
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015 A000009 CITIBANK EUROPE PLC, BULGARIA BRANCH  
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015 A000012 STANDARD CHARTERED BANK (CHINA) LIMITED  
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015 A000013 CITITRUST COLOMBIA S.A., SOCIEDAD FIDUCIARA  
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015 C010013 BOGOTA  
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015 A000014 UNICREDIT BANK AUSTRIA AG  
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015 A000015 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA  
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015 C010015 PRAGUE

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015 D010015 CZECH REPUBLIC  
015 E040015 X  
015 B000016 S  
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015 A000017 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL) DAN  
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015 C010017 COPENHAGEN  
015 D010017 DENMARK  
015 E040017 X  
015 A000018 CITIBANK N.A., CAIRO BRANCH  
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015 D010018 EGYPT  
015 E040018 X  
015 A000019 NORDEA BANK FINLAND PLC  
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015 A000020 BNP PARIBAS SECURITIES SERVICES  
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015 A000021 BNP PARIBAS SECURITIES SERVICES, FRANKFURT BR

PAGE 5

015 B000021 S  
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015 E040021 X  
015 A000022 HSBC BANK PLC, ATHENS BRANCH  
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015 E040022 X  
015 A000023 STANDARD CHARTERED BANK GHANA LTD.  
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015 E040023 X  
015 A000024 STANDARD CHARTERED BANK (HONG KONG) LIMITED  
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015 C010024 KWUN TONG  
015 D010024 HONG KONG  
015 E040024 X  
015 A000025 CITIBANK EUROPE PLC, HUNGARIAN BRANCH  
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015 C010025 BUDAPEST  
015 D010025 HUNGARY  
015 E040025 X  
015 A000026 CITIBANK, N.A.-MUMBAI BRANCH  
015 B000026 S  
015 C010026 MUMBAI  
015 D010026 INDIA  
015 E040026 X  
015 A000027 CITIBANK, N.A., JAKARTA BRANCH  
015 B000027 S  
015 C010027 JAKARTA  
015 D010027 INDONESIA  
015 E040027 X  
015 A000028 CITIBANK, N.A., LONDON BRANCH  
015 B000028 S

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015 C010028 LONDON  
015 D010028 IRELAND  
015 E040028 X  
015 A000029 BANK HAPOALIM BM  
015 B000029 S  
015 C010029 TEL AVIV  
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015 E040029 X  
015 A000030 BNP PARIBAS SECURITIES SERVICES, MILAN BRANCH  
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015 D010030 ITALY  
015 E040030 X  
015 A000031 SUMITOMO MITSU BANKING CORPORATION  
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015 D010031 JAPAN  
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015 A000033 DELETE  
015 A000034 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH  
015 B000034 S  
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015 D010034 KUWAIT  
015 E040034 X  
015 A000035 KBL EUROPEAN PRIVATE BANKERS SA  
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015 C010035 LUXEMBOURG  
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015 E040035 X  
015 A000036 HSBC BANK MALAYSIA BERHAD  
015 B000036 S  
015 C010036 KUALA LUMPUR  
015 D010036 MALAYSIA  
015 E040036 X  
015 A000037 BANCO NACIONAL DE MEXICO, S.A. (BANAMEX)  
015 B000037 S  
015 C010037 MEXICO CITY  
015 D010037 MEXICO  
015 E040037 X  
015 A000038 CITIBANK MAGHREB  
015 B000038 S  
015 C010038 CASABLANCA  
015 D010038 MOROCCO  
015 E040038 X  
015 A000039 BNP PARIBAS SECURITIES SERVICES  
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015 D010039 NETHERLANDS  
015 E040039 X  
015 A000040 HSBC LIMITED, NEW ZEALAND BRANCH  
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015 C010040 AUCKLAND  
015 D010040 NEW ZEALAND  
015 E040040 X  
015 A000041 STANBIC IBTC BANK PLC  
015 B000041 S  
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015 D010041 NIGERIA  
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015 A000042 NORDEA BANK NORGE ASA

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015 B000042 S  
015 C010042 OSLO  
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015 E040042 X  
015 A000043 CITIBANK DEL PERU S.A.  
PAGE 7  
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015 C010043 LIMA  
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015 E040043 X  
015 A000044 HSBC LIMITED, PHILIPPINE BRANCH  
015 B000044 S  
015 C010044 TAGUIG CITY  
015 D010044 PHILIPPINES  
015 E040044 X  
015 A000045 BANK HANDLOWY W WARSZAWIE SA  
015 B000045 S  
015 C010045 WARSAW  
015 D010045 POLAND  
015 E040045 X  
015 A000046 BNP PARIBAS SECURITIES SERVICES  
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015 E040046 X  
015 A000047 DELETE  
015 A000048 AO CITIBANK FOR CITIBANK N.A.  
015 B000048 S  
015 C010048 MOSCOW  
015 D010048 RUSSIA  
015 E040048 X  
015 A000049 HSBC BANK MIDDLE EAST LIMITED, QATAR BRANCH  
015 B000049 S  
015 C010049 JERSEY  
015 D010049 QATAR  
015 E040049 X  
015 A000050 DELETE  
015 A000051 STANDARD CHARTERED BANK SINGAPORE BRANCH  
015 B000051 S  
015 C010051 SINGAPORE  
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015 E040051 X  
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015 A000053 STANDARD CHARTERED BANK JOHANNESBURG BRANCH  
015 B000053 S  
015 C010053 JOHANNESBURG  
015 D010053 SOUTH AFRICA  
015 E040053 X  
015 A000054 CITIBANK KOREA INC  
015 B000054 S  
015 C010054 SEOUL  
015 D010054 SOUTH KOREA  
015 E040054 X  
015 A000055 BANCO BILBAO VIZCAYA ARGENTARIA SA  
015 B000055 S  
015 C010055 MADRID  
015 D010055 SPAIN  
PAGE 8  
015 E040055 X  
015 A000056 HSBC, SRI LANKA BRANCH  
015 B000056 S  
015 C010056 COLOMBO

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015 D010056 SRI LANKA  
015 E040056 X  
015 A000057 SKANDINAVISKA ENSKILDA BANKEN AB (PUBL)  
015 B000057 S  
015 C010057 STOCKHOLM  
015 D010057 SWEDEN  
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015 A000058 CREDIT SUISSE AG  
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015 C010058 ZURICH  
015 D010058 SWITZERLAND  
015 E040058 X  
015 A000059 BANK OF TAIWAN  
015 B000059 S  
015 C010059 TAIPEI  
015 D010059 TAIWAN  
015 E040059 X  
015 A000060 HSBC LIMITED, THAILAND BRANCH  
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015 C010060 BANGKOK  
015 D010060 THAILAND  
015 E040060 X  
015 A000061 CITIBANK ANONIM SIRKETI  
015 B000061 S  
015 C010061 ISTANBUL  
015 D010061 TURKEY  
015 E040061 X  
015 A000062 HSBC BANK MIDDLE EAST LIMITED  
015 B000062 S  
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015 C010063 LONDON  
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015 A000064 CITIBANK, N.A., CARACAS BRANCH  
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015 C010064 CARACAS  
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015 E040064 X  
015 A000065 HSBC BANK (VIETNAM) LTD  
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015 D010065 VIETNAM  
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015 A000066 CITIBANK EUROPE PLC, POBOCKA ZAHRANICNEJ BANKY  
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015 C010066 BRATISLAVIA  
015 D010066 SLOVAKIA  
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015 A000067 CITIBANK EUROPE PLC, DUBLIN - SUCURSALA  
015 B000067 S  
015 C010067 BUCHAREST  
015 D010067 ROMANIA  
015 E040067 X  
015 A000068 STANDARD CHARTERED BANK KENYA LIMITED  
015 B000068 S  
015 C010068 NAIROBI  
015 D010068 KENYA

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020 A000001 RBC CAPITAL MARKETS, LLC  
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020 A000002 ITG INC.  
020 B000002 95-4339369  
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020 A000003 J.P. MORGAN SECURITIES LLC  
020 B000003 13-3299429  
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020 A000004 INSTINET,LLC  
020 B000004 13-2625132  
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020 A000005 MACQUARIE CAPITAL (USA) INC.  
020 B000005 98-0141094  
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020 A000006 STATE STREET GLOBAL MARKETS, LLC  
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022 A000002 BARLCAYS CAPITAL INC.  
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022 A000003 NATIONAL FINANCIAL SERVICES LLC  
022 B000003 04-3523567  
022 C000003 55475  
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022 A000004 MORGAN STANLEY & CO. LLC  
022 B000004 13-2655998  
022 C000004 49173  
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022 A000005 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
022 B000005 13-5674085  
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022 A000006 BROWN BROTHERS HARRIMAN & CO.  
022 B000006 13-4973745  
022 C000006 12838  
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022 A000007 RBC CAPITAL MARKETS, LLC  
022 B000007 41-1416330  
022 C000007 27371  
022 D000007 426  
022 A000008 GOLDMAN, SACHS & CO.  
022 B000008 13-5108880  
022 C000008 23552  
022 D000008 1650



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022 A000009 BNY MELLON CAPITAL MARKETS, LLC  
 022 B000009 23-2384977  
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 022 A000010 CITIGROUP GLOBAL MARKETS INC.  
 022 B000010 11-2418191  
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 025 A000001 BANK OF AMERICA CORP.  
 025 B000001 56-0906609  
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 025 A000002 BANK OF AMERICA CORP.  
 025 B000002 56-0906609  
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 025 A000003 GOLDMAN SACHS & CO.  
 025 B000003 13-5108880  
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074	V010000	16.63
074	V020000	0.00
074	W000000	0.0000
074	X000000	2644
074	Y000000	0
075	A000000	0
075	B000000	141614
076	000000	15.60
077	A000000	Y
077	B000000	Y
	PAGE	16
077	C000000	N
077	D000000	N
077	E000000	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 COMPANY
080	C000000	45000
081	A000000	Y
081	B000000	49
082	A000000	N

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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
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	Y
088	D000000	N
SIGNATURE	MARK BRADLEY	
TITLE	TREASURER	