

Sheet1

Preferred Securities List

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Prices and availability are subject. INTERNAL USE ONLY

BB SYMBOL	SYM	ISSUER	DIV	MOODY RATING	SP RATING	RATING	ASK	YLD	CALL
DT	YTC	INDUSTRY	ISSUE DATE	ISSUE SIZE	QDI	DRD	DIV-RIGHTS		
AEH Pfd AEH	AEGON NV		6.375	Baa1	BBB	Baa1/BBB	26.29	6.073441001284156	
7/11/2016	-54.66673688833241	Insurance				6/1/2005	40MM	Yes	NON-
CUMULATIVE									
AED Pfd AED	AEGON NV		6.50	Baa1	BBB	Baa1/BBB	26.46	6.152891464572229	
9/15/2016	-15.590246320840007	Insurance				11/23/2005	20MM	Yes	NON-
CUMULATIVE									
aeK pfd AEK	AEGON NV		8	Baa1	BBB	Baa1/BBB	27.60	7.3081607795371495	
8/15/2017	-0.3406912330802548	Insurance				1/31/2012	21MM	No	NON-
CUMULATIVE									
all a Pfd	ALL A	ALLSTATE CORP	5.625	Baa3	BBB-	Baa3/BBB-	27.19	5.2252367322	
53064	6/15/2018	1.6387708676106205		Insurance		6/12/2013	11.5MM	Yes	Yes
NON-CUMULATIVE									
all f Pfd	ALL F	ALLSTATE CORP	6.25	Baa3	BBB-	Baa3/BBB-	28.17	5.6080287031	
37131	10/15/2019	2.591351875688433		Insurance		6/12/2014	10MM	Yes	Yes
#N/A N Ap									
all d Pfd	ALL D	ALLSTATE CORP	6.625	Baa3	BBB-	Baa3/BBB-	28.36	5.9081414064	
72078	4/15/2019	2.1244869690168464		Insurance		12/23/2013	5.4MM	Yes	Yes
NON-CUMULATIVE									
all e Pfd	ALL E	ALLSTATE CORP	6.625	Baa3	BBB-	Baa3/BBB-	28.54	5.8704477108	
63836	4/15/2019	1.879955956946754		Insurance		3/3/2014	29.9MM	Yes	Yes
NON-CUMULATIVE									
all c Pfd	ALL C	ALLSTATE CORP	6.75	Baa3	BBB-	Baa3/BBB-	28.49	5.9931411828	
68495	10/15/2018	1.164382889723279		Insurance		9/30/2013	15.4MM	Yes	Yes
NON-CUMULATIVE									
BAC Z Pfd	BAC Z	BAC CAPITAL TRUST VIII	6	Ba1	BB+	Ba1/BB+	25.72	5.8500438753	
29065	6/24/2016	-83.8646967340591		Banks		8/25/2005	21.2MM	No	CUMU
LATIVE									
BAC a Pfd	BAC A	BANK OF AMERICA CORP	6	Ba2	BB+	Ba2/BB+	25.62	5.8969990826	
89032	4/25/2021	5.606293598439853		Banks		4/25/2016	36MM	Yes	NON-
CUMULATIVE									
BAC c Pfd	BAC C	BANK OF AMERICA CORP	6.20	Ba2	BB+	Ba2/BB+	26.14	5.9977750189	
44585	1/29/2021	5.271825546243386		Banks		1/29/2016	44MM	Yes	NON-
CUMULATIVE									
BAC D Pfd	BAC D	BANK OF AMERICA CORP	6.204	Ba2	BB+	Ba2/BB+	25.75	6.0364306960	
21995	9/14/2016	-5.627184466019397		Banks		9/14/2006	33MM	Yes	NON-
CUMULATIVE									
bml I pfd	BML I	BANK OF AMERICA CORP	6.375	Ba2	BB+	Ba2/BB+	26.12	6.1307410583	
34202	7/11/2016	-47.90656372298807		Banks		11/17/2005	32.4MM	Yes	NON-
CUMULATIVE									
BAC y Pfd	BAC Y	BANK OF AMERICA CORP	6.50	Ba2	BB+	Ba2/BB+	26.87	6.1185588440	
630365	1/27/2020	4.5035107215346875		Banks		1/27/2015	44MM	Yes	NON-
CUMULATIVE									
BAC I Pfd	BAC I	BANK OF AMERICA CORP	6.625	Ba2	BB+	Ba2/BB+	26.93	6.2419113596	
24386	10/1/2017	1.6462332581241326		Banks		9/26/2007	22MM	Yes	NON-
CUMULATIVE									
BAC w Pfd	BAC W	BANK OF AMERICA CORP	6.625	Ba2	BB+	Ba2/BB+	26.90	6.1866901856	
00706	9/9/2019	4.13418012099397		Banks		9/9/2014	44MM	Yes	NON-
CUMULATIVE									
bk c pfd	BK C	BANK OF NEW YORK MELLON	5.20	Baa1	BBB	Baa1/BBB	26.20	4.96	
7309161925788	9/20/2017	1.3039918618033177		Banks		9/19/2012	23.3MM	Yes	Yes
NON-CUMULATIVE									
bcs pfd BCS	BARCLAYS BANK PLC		6.625	Ba2	BB	Ba2/BB	25.75	6.445858839745409	
9/15/2016	-5.161472630124622	Banks				4/25/2006	30MM	Yes	NON-CUMULATI
VE									
BCS A Pfd	BCS A	BARCLAYS BANK PLC	7.10	Ba2	#N/A	#N/A	Ba2/#N/A	N/A	25.9
7	6.85041649245811	9/15/2016				-8.017333558736015	Banks	9/13/2007	55MM
Yes No NON-CUMULATIVE									
bcs c pfd	BCS C	BARCLAYS BANK PLC	7.75	Ba2	BB	Ba2/BB	25	7.7700726877	
76757	6/15/2016	0 Banks 12/7/2007		46MM	Yes	No	No	NON-CUMULATIVE	
NON-CUMULATIVE									
BCS D PFD	BCS D	BARCLAYS BANK PLC	8.125	Ba2	BB	Ba2/BB	26.14	7.7908379745	
419385	9/15/2016	-9.56884703880628		Banks		4/11/2008	106MM	Yes	NON-
CUMULATIVE									
bbt f Pfd	BBT F	BB&T CORPORATION	5.20	Baa1	BBB-	Baa1/BBB-	25.50	5.11	
8334135351503	11/1/2017	3.846270929015898		Banks		10/31/2012	18MM	Yes	Yes
NON-CUMULATIVE									
bbt g Pfd	BBT G	BB&T CORPORATION	5.20	Baa1	BBB-	Baa1/BBB-	25.46	5.12	
64075713096435	6/1/2018	4.317537679234449		Banks		5/1/2013	20MM	Yes	Yes
NON-CUMULATIVE									
bbt e pfd	BBT E	BB&T CORPORATION	5.625	Baa1	BBB-	Baa1/BBB-	25.88	5.45	
6794315232945	8/1/2017	2.637910782074993		Banks		7/31/2012	46MM	Yes	Yes
NON-CUMULATIVE									
bbt h pfd	BBT H	BB&T CORPORATION	5.625	Baa1	BBB-	Baa1/BBB-	25.80	5.47	
37866439605884	6/1/2021	4.94026984063037		Banks		3/9/2016	18.6MM	Yes	Yes
NON-CUMULATIVE									

bbt d pfd	BBT D	BB&T CORPORATION	5.85	Baa1	BBB-	Baa1/BBB-	26.59	5.52
3818516595061	5/1/2017	-1.09005675613578		Banks	5/1/2012	23MM	Yes	Yes
NON-CUMULATIVE								
cof p pfd	COF P	CAPITAL ONE FINANCIAL CO	6	Baa3	BB	Baa3/BB	26.27	5.73
3579664904122	9/1/2017	1.9362624774409078		Banks	8/20/2012	35MM	Yes	Yes
NON-CUMULATIVE								
cof f pfd	COF F	CAPITAL ONE FINANCIAL CO	6.20	Baa3	BB	Baa3/BB	26.48	5.87
8324993415855	12/1/2020	4.775270184280696		Banks	8/24/2015	20MM	Yes	Yes
NON-CUMULATIVE								
cof c pfd	COF C	CAPITAL ONE FINANCIAL CO	6.25	Baa3	BB	Baa3/BB	26.52	5.91
6957474169194	9/1/2019	4.289899584870341		Banks	6/12/2014	20MM	Yes	Yes
NON-CUMULATIVE								
cof d pfd	COF D	CAPITAL ONE FINANCIAL CO	6.70	Baa3	BB	Baa3/BB	27.79	6.05
3700236425606	12/1/2019	3.3482947813353134		Banks	10/31/2014	20MM	Yes	Yes
NON-CUMULATIVE								
schw d Pfd	SCHW D	CHARLES SCHWAB CORP	5.95	Baa2	BBB	Baa2/BBB	26.10	5.72
27893655505175	6/1/2021	4.992613736402688		Diversified Finan Serv 3/7/2016				30MM
Yes	Yes	NON-CUMULATIVE						
schw c Pfd	SCHW C	CHARLES SCHWAB CORP	6	Baa2	BBB	Baa2/BBB	26.49	5.68
5766630867396	12/1/2020	4.570108971739235		Diversified Finan Serv 8/3/2015				24MM
Yes	Yes	NON-CUMULATIVE						
schw b Pfd	SCHW B	CHARLES SCHWAB CORP	6	Baa2	BBB	Baa2/BBB	26.36	5.71
3922925528538	9/1/2017	1.6447689969026698		Diversified Finan Serv 6/6/2012				19.4
MM	Yes	NON-CUMULATIVE						
c n pfd C N	CITIGROUP CAPITAL XIII	7.00835	Ba1	BB+	Ba1/BB+	25.85	6.833221934236425	
7/11/2016	-25.517245145817807		Banks	10/5/2010	89.84MM	No	No	CUMULATIVE
c c pfd C C	CITIGROUP INC	5.80	Ba2	BB+	Ba2/BB+	26.10	5.609224057338734	4/22
/2018	3.8016881165061007		Banks	3/26/2013	23MM	Yes	Yes	NON-CUMULATIVE
C S Pfd C S	CITIGROUP INC	6.30	Ba2	#N/A	#N/A	N/A	26.04	6.0903400439
857895	2/12/2021	5.420198273191054		Banks	2/2/2016	41.4MM	Yes	Yes
CUMULATIVE								NON-
c k Pfd C K	CITIGROUP INC	6.875	Ba2	BB+	Ba2/BB+	27.94	6.189650903689032	11/1
5/2023	5.053989723431615		Banks	10/31/2013	59.8MM	Yes	Yes	NON-CUMULATIVE
c l Pfd C L	CITIGROUP INC	6.875	Ba2	BB+	Ba2/BB+	27.15	6.376544621320203	2/12
/2019	3.707771277188047		Banks	2/12/2014	19.2MM	Yes	Yes	NON-CUMULATIVE
c j Pfd C J	CITIGROUP INC	7.125	Ba2	BB+	Ba2/BB+	28.79	6.276576806396969	9/30
/2023	4.881821605739912		Banks	9/19/2013	38MM	Yes	Yes	NON-CUMULATIVE
c p pfd C P	CITIGROUP INC	8.125	Ba2	BB+	Ba2/BB+	28.65	7.140503130835988	2/15
/2018	-0.2238537583702337		Banks	1/25/2008	148.6MM	Yes	Yes	NON-CUMULATIVE
CFC A Pfd	CFC A	COUNTRYWIDE CAPITAL IV	6.75	Ba1	BB+	Ba1/BB+	25.95	6.5873741994
51052	7/11/2016	-24.340667053270707		Banks	4/11/2003	20MM	No	No
LATIVE								CUMU
CFC B Pfd	CFC B	COUNTRYWIDE CAPITAL V	7	Ba1	BB+	Ba1/BB+	25.97	6.7919402309
259675	6/20/2016	-169.07328969323498		Banks	11/8/2006	59.8MM	No	No
LATIVE								CUMU
DXB Pfd DXB	DB CONT CAP TRST II	6.55	B1	B+	B1/B+	24.95	6.588349685460786	
5/23/2017	7.191961023888932		Banks	5/23/2007	32MM	Yes	No	NON-CUMULATI
VE								
dtk pfd DTK	DB CONT CAP TRUST III	7.60	B1	B+	B1/B+	25.96	7.35183473419463	
2/20/2018	5.511335127860569		Banks	2/20/2008	79MM	Yes	No	NON-CUMULATI
VE								
dkt pfd DKT	DB CONT CAPITAL TRUST V	8.05	B1	B+	B1/B+	26.72	7.647002944808589	
6/30/2018	5.334258761056003		Banks	5/9/2008	55.4MM	Yes	No	NON-CUMULATI
VE								
Dlr g Pfd	DLR G	DIGITAL REALTY TRUST INC	5.875	Baa3	BB+	Baa3/BB+	26.0	
8	5.708509728083304	4/9/2018	4.09093930138209		REITS	4/9/2013		10MM
No	No	CUMULATIVE						
Dlr i Pfd	DLR I	DIGITAL REALTY TRUST INC	6.35	Baa3	#N/A	#N/A	Baa3/#N/A	N/
A	26.95	5.9746118201134815	8/24/2020	4.637314178820689		REITS	8/24/2015	
10MM	No	No	CUMULATIVE					
Dlr f Pfd	DLR F	DIGITAL REALTY TRUST INC	6.625	Baa3	BB+	Baa3/BB+	26.7	
2	6.29170563259341	4/5/2017	-0.194558677027358		REITS	4/5/2012		7.3M
M	No	Not Confirmed	CUMULATIVE					
Dlr e Pfd	DLR E	DIGITAL REALTY TRUST INC	7	Baa3	BB+	Baa3/BB+	25.8	
9	6.870303929159532	9/15/2016	-1.362389877242493		REITS	9/15/2011		11.5
MM	No	No	CUMULATIVE					
Dlr h Pfd	DLR H	DIGITAL REALTY TRUST INC	7.375	Baa3	BB+	Baa3/BB+	28.7	
1	6.52203551377304	3/26/2019	2.4108879148649955		REITS	3/26/2014		14.6
MM	No	No	CUMULATIVE					
dtq pfd DTQ	DTE ENERGY CO	5.25	Baa1	BBB-	Baa1/BBB-	25.15	5.2384317964495075	
12/1/2017	4.95690111372793		Electric		10/1/2012	8MM	No	No
LATIVE								CUMU
dtj pfd DTJ	DTE ENERGY CO	5.375	Baa1	BBB-	Baa1/BBB-	24.98	5.388966404598584	
6/1/2021	5.451794928666915		Electric		5/27/2016	12MM	No	No
LATIVE								CUMU
dtz pfd DTZ	DTE ENERGY CO	6.50	Baa1	BBB-	Baa1/BBB-	25.71	6.3494820016606335	
12/1/2016	0.8659972484178549		Electric		12/7/2011	11.2MM	No	No
LATIVE								CUMU
ebayl Pfd	EBAYL	EBAY INC	6	Baa1	BBB+	Baa1/BBB+	26.12	5.7944887973

21659	3/1/2021	5.096689576784093	Internet	2/29/2016	30MM	Not Confirme			
d	Not Confirmed	#N/A N Ap							
fitbi Pfd	FITBI	FIFTH THIRD BANCORP	6.625	Baa3	BB+	Baa3/BB+	31.03	5.39	
9216604232329	12/31/2023	3.215571789565566	Banks	12/9/2013	18MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc g pfd	FRC G	FIRST REPUBLIC BANK	5.50	Baa3	BBB-	Baa3/BBB-	25.90	5.37	
5468317315524	3/30/2021	4.9183881563657605	Banks	2/10/2016	6MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc f pfd	FRC F	FIRST REPUBLIC BANK	5.70	Baa3	#N/A N/A	Baa3/#N/A N/A	27.1	Yes	
4	5.315676583045789	6/30/2020	3.7234797843779	Banks	5/27/2015	4MM	Yes	Yes	
Yes	NON-CUMULATIVE								
frc a pfd	FRC A	FIRST REPUBLIC BANK/CA	6.70	Baa3	BBB-	Baa3/BBB-	26.33	6.45	
74163909146405	1/30/2017	0.4083140235591221	Banks	1/24/2012	7.981MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc d pfd	FRC D	FIRST REPUBLIC BANK/SF	5.50	Baa3	BBB-	Baa3/BBB-	25.87	5.38	
1780227665612	6/29/2018	4.291431180045927	Banks	4/23/2013	7.6MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc c pfd	FRC C	FIRST REPUBLIC BANK/SF	5.625	Baa3	BBB-	Baa3/BBB-	25.89	5.50	
1357001393677	12/29/2017	4.008696781551953	Banks	11/23/2012	6MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc b pfd	FRC B	FIRST REPUBLIC BANK/SF	6.20	Baa3	BBB-	Baa3/BBB-	26.43	5.94	
5911386739978	6/1/2017	1.5447895916099301	Banks	6/1/2012	6MM	Yes	Yes	Yes	
NON-CUMULATIVE									
frc e pfd	FRC E	FIRST REPUBLIC BANK/SF	7	Baa3	BBB-	Baa3/BBB-	28.11	6.31	
7309427832261	12/28/2018	2.513363575914018	Banks	10/28/2013	8MM	Yes	Yes	Yes	
NON-CUMULATIVE									
nee C Pfd	NEE C	FPL GROUP CAP TRUST I	5.875	Baa2	BBB	Baa2/BBB	26.59	5.60	
0167872644504	7/11/2016	-53.98791933036567	Electric			3/15/2004	12MM	No	
No	CUMULATIVE								
gek pfd	GEK	GENERAL ELECTRIC CO	4.70	A1	AA+	A1/AA+	26.25	4.491828694608744	
5/16/2018	2.22989076007534	Miscellaneous	Manufactur			5/16/2013	30MM	Not	
Confirmed	Not Confirmed	UNKNOWN							
geb pfd	GEB	GENERAL ELECTRIC CO	4.875	A1	AA+	A1/AA+	26.56	4.622249613331042	
10/15/2017	0.7773608865905822	Miscellaneous	Manufactur			10/10/2012	33MM	No	
No	#N/A N Ap								
geh pfd	GEH	GENERAL ELECTRIC CO	4.875	A1	AA+	A1/AA+	26.95	4.546823538555703	
1/29/2018	0.43196103692697546	Miscellaneous	Manufactur			1/29/2013	25.3MM	No	
No	#N/A N Ap								
ally a pfd	ALLY A	GMAC CAPITAL TRUST I	6.4111	B2	B	B2/B	24.99	6.4469741701	
01343	7/11/2016	14.073507181154632	Banks	3/7/2011		106.68MM	No	No	
CUMULATIVE									
gs I Pfd	GS I	GOLDMAN SACHS GROUP INC	5.95	Ba1	BB	Ba1/BB	26	5.7651314514	
56624	11/10/2017	3.4328933742560683	Banks	10/24/2012		34MM	Yes	Yes	NON-
CUMULATIVE									
GS B Pfd	GS B	GOLDMAN SACHS GROUP INC	6.20	Ba1	BB	Ba1/BB	26.15	5.9745599383	
27124	7/11/2016	-45.24467105729046	Banks	10/31/2005		32MM	Yes	Yes	NON-
CUMULATIVE									
gs n pfd	GS N	GOLDMAN SACHS GROUP INC	6.30	Ba1	BB	Ba1/BB	26.59	5.9704321455	
64822	5/10/2021	4.968013202411003	Banks	2/23/2016		27MM	Yes	Yes	NON-
CUMULATIVE									
gs k pfd	GS K	GOLDMAN SACHS GROUP INC	6.375	Ba1	BB	Ba1/BB	27.71	5.7959814528	
5935	5/10/2024	4.810153316054529	Banks	4/28/2014		28MM	Yes	Yes	NON-
CUMULATIVE									
gsj pfd	GSJ	GOLDMAN SACHS GROUP INC	6.50	A3	BBB+	A3/BBB+	25.87	6.334459459459459	
11/1/2016	-0.6366638363532008	Banks	10/26/2011			23MM	No	No	UNKNOWN
Hsbc B Pfd	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A	#N/A
Sec/#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A	#N/A
Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A Sec	#N/A	#N/A
EP016745 Pfd	HSBC A	HSBC HOLDINGS PLC	6.20	Baa1	BBB-	Baa1/BBB-	25.70	6.04	
4292314108223	7/11/2016	-29.702551257628986	Banks	9/22/2005		58MM	Yes	No	
NON-CUMULATIVE									
Hseb Pfd	HSEB	HSBC HOLDINGS PLC	8	Baa1	BBB-	Baa1/BBB-	26.07	7.69	
296521070177	7/11/2016	-45.40709973220377	Banks	6/24/2010		152MM	Yes	No	
NON-CUMULATIVE									
Hsea Pfd	HSEA	HSBC HOLDINGS PLC	8.125	Baa1	BBB-	Baa1/BBB-	27.23	7.57	
0987716234204	7/11/2016	-85.43307354361338	Banks	4/9/2008		88MM	Yes	No	
NON-CUMULATIVE									
Husi h Pfd	HUSI H	HSBC USA INC	6.50	Baa2	BBB-	Baa2/BBB-	25.39	6.4995305894	
57428	6/30/2016	1.0400256006304343	Banks	5/26/2006		14.95MM	Yes	Yes	NON-
CUMULATIVE									
ISG Pfd	ISG	ING GROEP NV	6.125	Baa3	BB+	Baa3/BB+	25.80	6.004370528207607	
7/15/2016	-18.778132033008237	Banks	9/26/2005			28MM	Yes	No	CUMULATIVE
ISP Pfd	ISP	ING GROEP NV	6.20	Baa3	BB+	Baa3/BB+	25.99	6.0338022686231465	
7/15/2016	-26.92102421526884	Banks	10/28/2003			20MM	Yes	No	CUMULATIVE
ISF Pfd	ISF	ING GROEP NV	6.375	Baa3	BB+	Baa3/BB+	25.64	6.228779403502773	
9/15/2016	-3.727306921521557	Banks	6/13/2007			41.8MM	Yes	No	CUMULATIVE
IND Pfd	IND	ING GROEP NV	7.05	Baa3	BB+	Baa3/BB+	26.31	6.713966001618971	
9/15/2016	-13.074561831794629	Banks	7/18/2002			32MM	Yes	No	CUMULATIVE
INZ Pfd	INZ	ING GROEP NV	7.20	Baa3	BB+	Baa3/BB+	26.24	6.875477463712758	

9/15/2016	-11.912336283829253	Banks	12/12/2002	44MM	Yes	No	CUMULATIVE		
JPM a Pfd	JPM A JPMORGAN CHASE & CO	5.45	Baa3	BBB-	Baa3/BBB-		26.04	5.26	
37015196858945	3/1/2018	3.0670539595534017	Banks	2/5/2013		36MM	Yes	Yes	
NON-CUMULATIVE									
JPM d Pfd	JPM D JPMORGAN CHASE & CO	5.50	Baa3	BBB-	Baa3/BBB-		25.67	5.38	
9324238621857	9/1/2017	3.4040191081346536	Banks	8/27/2012		50.3MM	Yes	Yes	
NON-CUMULATIVE									
JPM g Pfd	JPM G JPMORGAN CHASE & CO	6.10	Baa3	BBB-	Baa3/BBB-		26.39	5.81	
6987404473995	9/1/2020	4.695641158828114	Banks	6/4/2015		57MM	Yes	Yes	
NON-CUMULATIVE									
JPM f Pfd	JPM F JPMORGAN CHASE & CO	6.125	Baa3	BBB-	Baa3/BBB-		26.62	5.79	
0186487332818	3/1/2020	4.292551263994112	Banks	2/12/2015		57.2MM	Yes	Yes	
NON-CUMULATIVE									
JPM h Pfd	JPM H JPMORGAN CHASE & CO	6.15	Baa3	BBB-	Baa3/BBB-		26.68	5.80	
0815100983702	9/1/2020	4.450067914847071	Banks	7/29/2015		46MM	Yes	Yes	
NON-CUMULATIVE									
JPM e Pfd	JPM E JPMORGAN CHASE & CO	6.30	Baa3	BBB-	Baa3/BBB-		26.92	5.88	
9914689727708	9/1/2019	3.8243730000106635	Banks	6/23/2014		35.2MM	Yes	Yes	
NON-CUMULATIVE									
JPM b Pfd	JPM B JPMORGAN CHASE & CO	6.70	Baa3	BBB-	Baa3/BBB-		28.04	6.01	
4527627677799	3/1/2019	2.1660656494798594	Banks	1/30/2014		37MM	Yes	Yes	
NON-CUMULATIVE									
kim j pfd	KIM J KIMCO REALTY CORP	5.50	Baa2	BBB-	Baa2/BBB-		25.97	5.34	
8850402379428	7/25/2017	2.7745716187235434	REITS	7/25/2012		9MM	No	No	
CUMULATIVE									
kim k pfd	KIM K KIMCO REALTY CORP	5.625	Baa2	BBB-	Baa2/BBB-		26.26	5.41	
0637312957274	12/7/2017	2.7763561710311198	REITS	12/7/2012		7MM	No	No	
CUMULATIVE									
kim I pfd	KIM I KIMCO REALTY CORP	6	Baa2	BBB-	Baa2/BBB-		26.45	5.73	
3397037744864	3/20/2017	-0.27384840447358333	REITS	3/20/2012		16MM	No	No	
CUMULATIVE									
MER P Pfd	MER P MERRILL LYNCH CAP III	7.375	Ba1	BB+	Ba1/BB+	26.74	7.0146746729		
952865	7/11/2016	-55.20628588617339	Banks	8/22/2007		30MM	No	No	CUMU
LATIVE									
MER K Pfd	MER K MERRILL LYNCH CAP TRST I	6.45	Ba1	BB+	Ba1/BB+	26.24	6.23		
9998065116879	7/11/2016	-35.96341398725351	Banks	12/14/2006		42MM	No	No	
CUMULATIVE									
MS i Pfd	MS I MORGAN STANLEY	6.375	Ba1	BB	Ba1/BB	27.46	5.871100562743069		
10/15/2024	5.07418416003706		Banks	9/18/2014		40MM	Yes	Yes	NON-CUMULATI
VE									
MS g Pfd	MS G MORGAN STANLEY	6.625	Ba1	BB	Ba1/BB	27.33	6.132453277005615		
7/15/2019	3.784787201461419		Banks	4/29/2014		20MM	Yes	Yes	NON-CUMULATI
VE									
MS F Pfd	MS F MORGAN STANLEY	6.875	Ba1	BB	Ba1/BB	28.47	6.109802406521566		
1/15/2024	4.854889292574613		Banks	12/10/2013		34MM	Yes	Yes	NON-CUMULATI
VE									
MS E Pfd	MS E MORGAN STANLEY	7.125	Ba1	BB	Ba1/BB	30.09	5.989670445529902		
10/15/2023	4.083869602110017		Banks	9/30/2013		34.5MM	Yes	Yes	NON-CUMULATI
VE									
MWO Pfd MWO	MORGAN STANLEY CAP TR V	5.75	Baa3	#N/A	#N/A	25.70	5.65		
5776337270063	7/11/2016	-18.500504395445965		N/A	N/A				
No				Diversified Finan Serv		7/16/2003			20MM
No									
MSK Pfd MSK	MORGAN STANLEY CAP TRUST	6.45	Baa3	BB	Baa3/BB	25.73	6.3454325592		
834735	7/11/2016	-17.86716759511157				4/26/2007			33MM
No				Diversified Finan Serv					No
No									
MWR Pfd MWR	MORGAN STANLEY CP TR III	6.25	Baa3	BB	Baa3/BB	25.77	6.0919807872		
46371	7/11/2016	-30.857011454605548				2/27/2003			35.2MM
No				Diversified Finan Serv					No
No									
MWG Pfd MWG	MORGAN STANLEY CP TR IV	6.25	Baa3	BB	Baa3/BB	25.83	6.1368183188118035		
7/11/2016	-20.188424066301003					4/21/2003			24.8MM
No				Diversified Finan Serv					No
No									
nee j Pfd	NEE J NEXTERA ENERGY CAPITAL	5	Baa2	BBB	Baa2/BBB		25.65	4.91	
1189326348532	1/15/2018	3.836651299837131	Electric			1/18/2013			18MM
No									No
No									
nee i Pfd	NEE I NEXTERA ENERGY CAPITAL	5.125	Baa2	BBB	Baa2/BBB		25.67	5.01	
068674924568	11/15/2017	3.4700739268644116	Electric			11/19/2012			20MM
No									No
No									
nee k Pfd	NEE K NEXTERA ENERGY CAPITAL	5.25	Baa2	BBB	Baa2/BBB		25.01	5.24	
9431311607909	6/1/2021	5.264274203557362	Electric			6/7/2016			22.8MM
No									No
No									
nee h Pfd	NEE H NEXTERA ENERGY CAPITAL	5.625	Baa2	BBB	Baa2/BBB		26.14	5.45	
2199356640476	6/15/2017	2.4163742296161206	Electric			6/15/2012			14MM
No									No
No									
nee g Pfd	NEE G NEXTERA ENERGY CAPITAL	5.70	Baa2	BBB	Baa2/BBB		25.96	5.50	
0116596038951	3/1/2017	0.5945610748805904	Electric			3/27/2012			16MM
No									No
No									
nrtrsp Pfd	NTRSP NORTHERN TRUST CORP	5.85	Baa1	BBB+	Baa1/BBB+		27.84	5.31	
9995452995339	10/1/2019	2.6189898400239637	Banks			8/5/2014			16MM
NON-CUMULATIVE							Yes	Yes	

PRE F Pfd 01732 NON-CUMULATIVE	PRE F 3/1/2018	PARTNERRE LTD 4.588477339032238	5.875	Baa2	BBB	Baa2/BBB 2/14/2013	25.58	5.7610865164	10MM	Yes	No
PRE D Pfd 69798 CUMULATIVE	PRE D 7/11/2016	PARTNERRE LTD -23.381165012066184	6.50	Baa2	BBB	Baa2/BBB 11/15/2004	25.63	6.3637624521	9.2MM	Yes	No
PRE E Pfd 710295 CUMULATIVE	PRE E 7/11/2016	PARTNERRE LTD -14.57933600790747	7.25	Baa2	BBB	Baa2/BBB 6/15/2011	25.48	7.1430624032	14.95MM	Yes	No
pnc q pfd 19039304609725 NON-CUMULATIVE	PNC Q 12/1/2017	PNC FINANCIAL SERVICES 3.1806230723941242	5.375	Baa2	BBB-	Baa2/BBB- 9/21/2012	25.83	5.22	19.2MM	Yes	Yes
pnc p pfd 57871860380245 NON-CUMULATIVE	PNC P 5/1/2022	PNC FINANCIAL SERVICES 2.891252458784207	6.125	Baa2	BBB-	Baa2/BBB- 4/24/2012	29.54	5.22	60MM	Yes	Yes
pl e pfd 4057896759319 No CUMULATIVE	PL E 8/15/2017	PROTECTIVE LIFE CORP 2.2271488894729146	6	Baa2	BBB	Baa2/BBB 8/20/2012	26.14	5.76	6MM		No
pl c pfd 0118911592502 No CUMULATIVE	PL C 5/15/2017	PROTECTIVE LIFE CORP -0.24088632015100295	6.25	Baa2	BBB	Baa2/BBB 5/18/2012	26.62	5.91	11.5MM		No
PRH Pfd PRH 8809865213651 No CUMULATIVE	PRUDENTIAL FINANCIAL INC 3/15/2018	2.8728800467430493	5.70	Baa2	BBB+	Baa2/BBB+ 3/14/2013	26.20	5.44	28.4MM		No
PJH Pfd PJH 4111971260074 No CUMULATIVE	PRUDENTIAL FINANCIAL INC 12/4/2017	2.2492555350837127	5.75	Baa2	BBB+	Baa2/BBB+ 12/4/2012	26.26	5.48	23MM		No
EP016290 Pfd 9/23/2016 CUMULATIVE	PUK A -7.551317077562052	PRUDENTIAL PLC Insurance	6.50	Baa1	A-	Baa1/A- 7/15/2005	25.95	6.26422165707402	12MM	Yes	No
PUK Pfd PUK /2016 VE CUMULATIVE	PRUDENTIAL PLC -40.1296246439318	6.75 Insurance	6.75	Baa1	A-	Baa1/A- 8/6/2004	26.35	6.494287432351173	10MM	Yes	No
psa c pfd 5/17/2021	PSA C 5.057246932549639	PUBLIC STORAGE REITS	5.125	A3	BBB+	A3/BBB+ 5/17/2016	25.17	5.106269918258167	8MM	No	No
psa w pfd 1/16/2018	PSA W 3.9917876970939505	PUBLIC STORAGE REITS	5.20	A3	BBB+	A3/BBB+ 1/16/2013	25.73	5.114195169926784	20MM	No	No
psa x pfd 3/13/2018	PSA X 3.5338147180975312	PUBLIC STORAGE REITS	5.20	A3	BBB+	A3/BBB+ 3/13/2013	25.97	5.066360664256177	9MM	No	No
psa v pfd 9/20/2017	PSA V 2.7511023859944697	PUBLIC STORAGE REITS	5.375	A3	BBB+	A3/BBB+ 9/20/2012	26.09	5.214600341980767	19.8MM	No	No
psa b pfd 3065219498013 CUMULATIVE	PSA B 1/20/2021	PUBLIC STORAGE 4.58326593283383	5.40	A3	#N/A N/A	A3/#N/A N/A 1/20/2016	26.12	5.23	12MM	No	No
psa u pfd 6/15/2017	PSA U 0.07408605106767828	PUBLIC STORAGE REITS	5.625	A3	BBB+	A3/BBB+ 6/15/2012	26.68	5.3380149701664275	11.5MM	No	No
psa t pfd 3/13/2017	PSA T -0.10601282714536499	PUBLIC STORAGE REITS	5.75	A3	BBB+	A3/BBB+ 3/13/2012	26.39	5.518955077838596	18.5MM	No	No
psa a pfd 12/2/2019	PSA A 3.1278373059073306	PUBLIC STORAGE REITS	5.875	A3	BBB+	A3/BBB+ 12/2/2014	27.55	5.399988510662743	7.6MM	No	No
psa s pfd 1/12/2017 LATIVE	PSA S 0.10422142558242051	PUBLIC STORAGE REITS	5.90	A3	BBB+	A3/BBB+ 1/12/2012	26.14	5.719794690608658	18.4MM	No	Not Confirmed
psa z pfd 6/4/2019	PSA Z 1.761794395271063	PUBLIC STORAGE REITS	6	A3	BBB+	A3/BBB+ 6/4/2014	28.37	5.354911643957875	11.5MM	No	No
psa r pfd 7/26/2016	PSA R -6.651035990275866	PUBLIC STORAGE REITS	6.35	A3	BBB+	A3/BBB+ 7/26/2011	25.71	6.267083010064069	19.5MM	No	No
psa y pfd 3/17/2019	PSA Y 1.3133981402217476	PUBLIC STORAGE REITS	6.375	A3	BBB+	A3/BBB+ 3/17/2014	28.75	5.617874387266151	11.4MM	No	No
rbs g Pfd 7514971656034 CUMULATIVE	RBS G 6/13/2016	RBS CAPITAL FND TRST VII #N/A N/A	6.08	B1	BB-	B1/BB- 2/18/2004	25.31	6.07	72MM	Yes	No
RBS i Pfd 7041331813683 No NON-CUMULATIVE	RBS I 6/13/2016	RBS CAPITAL FUND TRST VI #N/A N/A	6.25	B1	BB-	B1/BB- 9/30/2003	25.32	6.24	8MM	Yes	Yes
rbs e Pfd 7853836520599 No NON-CUMULATIVE	RBS E 6/13/2016	RBS CAPITAL FUND TRUST V #N/A N/A	5.90	B1	BB-	B1/BB- 7/3/2003	25.30	5.89	51.4MM	Yes	Yes
rf a Pfd 89924 CUMULATIVE	RF A 12/15/2017	REGIONS FINANCIAL CORP 2.4474653200340786	6.375	Ba2	BB	Ba2/BB 11/1/2012	26.44	6.0399346265	20MM	Yes	Yes
rf b Pfd 48326 CUMULATIVE	RF B 9/15/2024	REGIONS FINANCIAL CORP 4.836528913965447	6.375	Ba2	BB	Ba2/BB 4/29/2014	27.60	5.7855927396	20MM	Yes	Yes
RNR c Pfd 6 10MM	RNR C 5.913220889922454	RENAISSANCERE HLDGS LTD 7/11/2016	6.08	#N/A N/A	BBB+	#N/A N/A/BBB+ 3/23/2004	25.7		Insurance		
RNR e Pfd 8	RNR E 5.162020070520931	RENAISSANCERE HOLDINGS L 6/1/2018	5.375	Baa2	BBB+	Baa2/BBB+ 5/28/2013	26.0		Insurance		

11MM	Yes	No	NON-CUMULATIVE								
RBS L Pfd		RBS L	ROYAL BK SCOTLND GRP PLC	5.75	B1	B+	B1/B+	25.42	5.73		
2436451649529		7/11/2016	-0.8804202412226214	Banks	6/23/2003		34MM	Yes	No		
NON-CUMULATIVE											
RBS R Pfd		RBS R	ROYAL BK SCOTLND GRP PLC	6.125	B1	B+	B1/B+	25.41	6.11		
4189772804472		7/11/2016	1.0357905437191994	Banks	12/27/2006		26MM	Yes	No		
NON-CUMULATIVE											
RBS S Pfd		RBS S	ROYAL BK SCOTLND GRP PLC	6.60	B1	B+	B1/B+	25.52	6.56		
6946369937979		7/11/2016	-2.9943150784229275	Banks	6/28/2007		38MM	Yes	No		
NON-CUMULATIVE											
RBS h Pfd		RBS H	ROYAL BK SCOTLND GRP PLC	7.25	B1	B+	B1/B+	25.89	7.11		
9845272941042		7/11/2016	-19.4482115673804	Banks	2/8/1999		12MM	Yes	No		
NON-CUMULATIVE											
RBS T Pfd		RBS T	ROYAL BK SCOTLND GRP PLC	7.25	B1	B+	B1/B+	25.75	7.15		
9217149205218		7/11/2016	-12.456821515610784	Banks	9/27/2007		64MM	Yes	No		
NON-CUMULATIVE											
RBS f Pfd		RBS F	ROYAL BK SCOTLND GRP PLC	7.65	B1	B+	B1/B+	26.52	7.33		
7953526294334		7/11/2016	-47.67853434345965	Banks	3/26/1997		8MM	Yes	No		
NON-CUMULATIVE											
stt c pfd		STT C	STATE STREET CORP	5.25	Baa1	BBB	Baa1/BBB	26.47	4.96		
733778291157		9/15/2017	0.5261780488046887	Banks	8/21/2012		20MM	Yes	Yes		
NON-CUMULATIVE											
stt g pfd		STT G	STATE STREET CORP	5.35	Baa1	BBB	Baa1/BBB	26.50	5.05		
6385524291028		3/15/2026	4.581787723707872	Banks	4/11/2016		20MM	Yes	Yes		
NON-CUMULATIVE											
stt d pfd		STT D	STATE STREET CORP	5.90	Baa1	BBB	Baa1/BBB	28.35	5.21		
2615314547528		3/15/2024	3.887306512404848	Banks	3/4/2014		30MM	Yes	Yes		
NON-CUMULATIVE											
stt e pfd		STT E	STATE STREET CORP	6	Baa1	BBB	Baa1/BBB	27.07	5.55		
229957740831		12/15/2019	3.474126614048052	Banks	11/25/2014		30MM	Yes	Yes		
NON-CUMULATIVE											
TDI Pfd TDI		TELEPHONE & DATA SYSTEMS		6.625	Ba2	BB	Ba2/BB	26.72	6.2763488228		
88542	7/11/2016	-59.6399185886851		Telecommunications			3/31/2005	4.65MM	No		
No	#N/A	N	Ap								
usb o pfd		USB O	US BANCORP	5.15	A3	BBB	A3/BBB	26.84	4.842109111992708		
7/15/2018		1.9544195492410341		Banks	5/2/2013		20MM	Yes	Yes	NON-CUMULATI	
VE											
usb n pfd		USB N	US BANCORP	6	A3	BBB	A3/BBB	26.46	5.732118973313802		
4/15/2017		0.18541824491760506		Banks	4/20/2012		43.4MM	Yes	Yes	NON-CUMULATI	
VE											
usb m pfd		USB M	US BANCORP	6.50	A3	BBB	A3/BBB	30.75	5.339418140330862		
1/15/2022		2.303781767833949		Banks	1/23/2012		44MM	Yes	Yes	NON-CUMULATI	
VE											
vza pfd VZA		VERIZON COMMUNICATIONS	5.90	Baa1	BBB+	Baa1/BBB+	27.63	5.3718569325			
78643	2/15/2019	2.018750442738347		Telecommunications			2/6/2014	20MM	No		
No	#N/A	N	Ap								
VNO L Pfd		VNO L	VORNADO REALTY TRUST	5.40	Baa3	BBB-	Baa3/BBB-	25.81	5.29		
671407552722		1/25/2018	4.020785873341885	REITS	1/25/2013		12MM		Not Confirme		
d	No	CUMULATIVE									
VNO k Pfd		VNO K	VORNADO REALTY TRUST	5.70	Baa3	BBB-	Baa3/BBB-	26	5.55		
3480668366269		7/18/2017	3.0477727769681877	REITS	7/18/2012		12MM	No	No		
CUMULATIVE											
VNO g Pfd		VNO G	VORNADO REALTY TRUST	6.625	Baa3	BBB-	Baa3/BBB-	26.33	6.38		
63201541285495		7/11/2016	-42.62062401581931	REITS	12/22/2004		8MM	No	No		
CUMULATIVE											
VNO I Pfd		VNO I	VORNADO REALTY TRUST	6.625	Baa3	BBB-	Baa3/BBB-	26.36	6.37		
89412027446835		7/11/2016	-43.9826754432322	REITS	8/31/2005		10.8MM	No	No		
CUMULATIVE											
VNO j Pfd		VNO J	VORNADO REALTY TRUST	6.875	Baa3	BBB-	Baa3/BBB-	25.95	6.72		
9795319053478		7/11/2016	-23.913681505600966	REITS	4/20/2011		9.85MM		Not Confirme		
d	No	CUMULATIVE									
wfc o pfd		WFC O	WELLS FARGO & COMPANY	5.125	Baa2	#N/A	N/A	Baa2/#N/A	N/A	25.5	
3	5.027717	1643402685	12/15/2017	3.6589635317451354				Banks	11/20/2012	26MM	
Yes	Yes	NON-CUMULATIVE									
wfc n pfd		WFC N	WELLS FARGO & COMPANY	5.20	Baa2	BBB	Baa2/BBB	25.55	5.09		
7428412717431		9/15/2017	3.3871815279549824	Banks	8/16/2012		30MM	Yes	Yes		
NON-CUMULATIVE											
wfc p pfd		WFC P	WELLS FARGO & COMPANY	5.25	Baa2	BBB	Baa2/BBB	25.64	5.12		
8434728457521		6/15/2018	3.9073113943500397	Banks	3/22/2013		25MM	Yes	Yes		
NON-CUMULATIVE											
wfc w pfd		WFC W	WELLS FARGO & COMPANY	5.70	Baa2	BBB	Baa2/BBB	25.65	5.56		
6723364775012		3/15/2021	5.077102992440352	Banks	1/29/2016		40MM	Yes	Yes		
NON-CUMULATIVE											
wfc q pfd		WFC Q	WELLS FARGO & COMPANY	5.85	Baa2	BBB	Baa2/BBB	26.75	5.47		
8105137302705		9/15/2023	4.702670885656821	Banks	7/22/2013		69MM	Yes	Yes		
NON-CUMULATIVE											
wfc t pfd		WFC T	WELLS FARGO & COMPANY	6	Baa2	BBB	Baa2/BBB	26.55	5.66		
1267494889134		9/15/2019	3.953889129052275	Banks	7/21/2014		32MM	Yes	Yes		
NON-CUMULATIVE											

wfc v pfd 2733724837484 #N/A N Ap	WFC V WELLS FARGO & COMPANY 12/15/2020 4.430118115470288	6	Baa2 Banks	BBB 9/15/2015	Baa2/BBB 40MM	26.59 Yes	5.65 Yes
wfc r pfd 6274243730995 NON-CUMULATIVE	WFC R WELLS FARGO & COMPANY 3/15/2024 3.891486574264562	6.625	Baa2 Banks	BBB 12/18/2013	Baa2/BBB 33.6MM	29.55 Yes	5.61 Yes
wfc j pfd 6960302761897 NON-CUMULATIVE	WFC J WELLS FARGO & COMPANY 12/15/2017 0.8267028295995427	8	Baa2 Banks	BBB 12/21/2007	Baa2/BBB 92MM	27.67 Yes	7.24 Yes
zb g pfd 7793436097976 NON-CUMULATIVE	ZB G ZIONS BANCORP 3/15/2023 4.5349554211185765	6.30 #N/A N/A	Banks	BB- 2/7/2013	#N/A N/A/BB- 6.873MM	27.55 Yes	5.72 Yes
zb f pfd 8257422664387 NON-CUMULATIVE	ZB F ZIONS BANCORP 6/15/2017 0.4000895765388604	7.90 #N/A N/A	Banks	BB- 5/7/2012	#N/A N/A/BB- 5.75MM	26.87 Yes	7.36 Yes
zb h pfd A N/A 25.41 5.049MM Yes	ZB H ZIONS BANCORPORATION 5.667909773447896 6/15/2019	5.75	#N/A N/A Banks	#N/A N/A 5.151269792273011	#N/A N/A Banks	#N/A N/A/#N/ 5/3/2013	
zbk Pfd ZBK 6409338405553 d Not Confirmed	ZIONS BANCORPORATION 9/15/2023 3.729964584266054	6.95 #N/A N/A	Banks	BB+ 9/17/2013	#N/A N/A/BB+ 3.516MM	30.09 Not Confirme	5.78

Terms and Abbreviations: ISSUE SIZE--> The number of outstanding shares in millions (MM); QDI--> Qualified Dividend Income. Indicates that the security pays dividend income that qualifies for the reduced dividend tax rates

to individuals; ASK--> The offer price. DRD --> Dividends Received Deduction. Indicates that the security is eligible for the dividends-received deduction to US Corporations. This allows 70% of the dividends received from the preferred stock to be excluded from the corporation's taxes.

This has been prepared solely for informational purposes. It is not an offer, recommendation or solicitation to buy or sell, nor is it an official confirmation of terms. It is based on information from sources believed to be reliable.

No representation is made that it is accurate or complete or that any returns indicated will be achieved. Changes to assumptions may have a material impact on any returns detailed. Past performance is not indicative of future returns.

Price and availability are subject to change without notice. Additional information is available upon request.

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Sheet2  
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Sheet 3  
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