

Reference Entity	Sector	Market Type	Average Weekly Notional (USD EQ)	Average Number of Trades/Week	Notional traded in prior 8 Weeks	Contracts traded in prior 8 Weeks	DC Region
REPUBLIC OF ITALY	GOVERNMENT	SOV	3,307,054,703	115	32,605,791,800	881	Europe
REPUBLIC OF SOUTH AFRICA	GOVERNMENT	SOV	1,801,232,590	260	8,052,236,002	1,333	Europe
REPUBLIC OF TURKEY	GOVERNMENT	SOV	1,754,818,561	309	7,181,700,975	1,323	Europe
UNITED MEXICAN STATES	GOVERNMENT	SOV	1,546,458,951	227	8,838,427,000	1,064	Americas
FEDERATIVE REPUBLIC OF BRAZIL	GOVERNMENT	SOV	1,523,052,494	194	9,905,973,567	1,174	Americas
PEOPLE'S REPUBLIC OF CHINA	GOVERNMENT	SOV	1,476,417,745	114	9,424,942,000	1,021	Asia Ex-Japan
REPUBLIC OF INDONESIA	GOVERNMENT	SOV	1,117,676,723	154	5,785,430,000	741	Asia Ex-Japan
REPUBLIC OF CHILE	GOVERNMENT	SOV	979,599,862	95	5,709,800,000	555	Americas
REPUBLIC OF KOREA	GOVERNMENT	SOV	968,194,692	73	2,954,020,000	328	Asia Ex-Japan
REPUBLIC OF COLOMBIA	GOVERNMENT	SOV	945,734,643	152	5,002,092,132	910	Americas
VOLKSWAGEN AKTIENGESELLSCHAFT	CONSUMER GOODS	CORP	813,237,963	91	8,010,551,886	893	Europe
UBS GROUP AG	FINANCIALS	CORP	758,839,632	157	5,183,059,258	763	Europe
KINGDOM OF SPAIN	GOVERNMENT	SOV	623,794,681	35	3,258,942,534	183	Europe
AT&T INC.	TELECOMMUNICATIONS SERVICES	CORP	565,094,246	102	3,357,765,000	781	Americas
KINGDOM OF SAUDI ARABIA	GOVERNMENT	SOV	525,430,705	36	1,359,511,200	156	Europe
BANK OF AMERICA CORPORATION	FINANCIALS	CORP	480,371,590	54	1,553,210,000	316	Americas
MERCEDES-BENZ GROUP AG	CONSUMER GOODS	CORP	472,844,366	49	3,957,638,757	314	Europe
AIRBUS SE	INDUSTRIALS	CORP	467,328,959	48	2,905,292,182	261	Europe
DEUTSCHE BANK AKTIENGESELLSCHAFT	FINANCIALS	CORP	460,736,597	75	4,099,374,458	440	Europe
BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	CONSUMER GOODS	CORP	458,041,609	54	3,573,309,831	346	Europe
INTESA SANPAOLO SPA	FINANCIALS	CORP	457,301,909	70	2,917,401,593	488	Europe
STELLANTIS N.V.	CONSUMER GOODS	CORP	447,056,572	80	3,363,313,043	526	Europe
REPUBLIC OF PERU	GOVERNMENT	SOV	442,969,462	118	2,063,026,000	269	Americas
BP P.L.C.	ENERGY	CORP	438,310,357	47	3,346,161,627	398	Europe
REPUBLIC OF THE PHILIPPINES	GOVERNMENT	SOV	429,486,692	73	2,139,955,000	287	Asia Ex-Japan
LLOYDS BANKING GROUP PLC	FINANCIALS	CORP	391,638,881	48	3,869,449,249	386	Europe
ROLLS-ROYCE PLC	INDUSTRIALS	CORP	391,398,536	72	2,583,616,713	458	Europe
AXA	FINANCIALS	CORP	382,171,649	37	2,181,201,322	205	Europe
MALAYSIA	GOVERNMENT	SOV	379,234,748	49	1,687,915,000	156	Asia Ex-Japan
VERIZON COMMUNICATIONS INC.	TELECOMMUNICATIONS SERVICES	CORP	367,238,854	82	1,473,489,000	287	Americas
JAGUAR LAND ROVER AUTOMOTIVE PLC	CONSUMER GOODS	CORP	353,239,540	86	2,826,537,879	794	Europe
ANHEUSER-BUSCH INBEV	CONSUMER GOODS	CORP	345,845,196	32	1,783,741,438	176	Europe
STANDARD CHARTERED PLC	CONSUMER SERVICES	CORP	336,095,829	47	3,330,558,324	391	Europe
BANCO SANTANDER, S.A.	FINANCIALS	CORP	332,671,477	47	1,996,266,127	304	Europe
SOCIETE GENERALE	FINANCIALS	CORP	329,642,257	50	2,214,304,386	365	Europe
FRENCH REPUBLIC	GOVERNMENT	SOV	321,746,200	10	1,320,450,000	54	Europe
UNITED STATES OF AMERICA	GOVERNMENT	SOV	319,571,695	30	405,256,900	19	Europe
ASTRAZENECA PLC	HEALTHCARE	CORP	313,410,586	25	1,860,587,487	165	Europe
SIEMENS AKTIENGESELLSCHAFT	HEALTHCARE	CORP	310,752,515	28	1,841,562,065	200	Europe
HSBC HOLDINGS PLC	FINANCIALS	CORP	304,884,781	48	3,846,649,694	457	Europe
MEDIOBANCA BANCA DI CREDITO FINANZIARIO SOCIETA PER AZIONI	FINANCIALS	CORP	303,080,347	45	2,277,977,048	319	Europe
UNIBAIL-RODAMCO-WESTFIELD SE	FINANCIALS	CORP	302,371,044	47	1,544,617,349	295	Europe
ASSICURAZIONI GENERALI - SOCIETA PER AZIONI	FINANCIALS	CORP	302,317,218	43	2,523,912,477	311	Europe
TELEFONICA, S.A.	TELECOMMUNICATIONS SERVICES	CORP	288,477,417	43	3,135,363,793	387	Europe
TESCO PLC	CONSUMER SERVICES	CORP	287,952,404	49	1,839,839,551	447	Europe
HEIDELBERG MATERIALS AG	INDUSTRIALS	CORP	287,365,049	47	893,471,410	246	Europe
RENAULT	CONSUMER GOODS	CORP	285,357,285	53	2,070,587,761	347	Europe
UNICREDIT, SOCIETA PER AZIONI	FINANCIALS	CORP	276,341,511	49	2,584,897,100	392	Europe
COMMERZBANK AKTIENGESELLSCHAFT	FINANCIALS	CORP	275,174,337	49	2,741,846,888	401	Europe
GLENCORE INTERNATIONAL AG	BASIC MATERIALS	CORP	271,879,738	54	2,825,475,734	435	Europe
TOTALENERGIES SE	ENERGY	CORP	267,220,269	25	950,033,816	127	Europe
ELECTRICITE DE FRANCE	UTILITIES	CORP	265,976,476	31	3,351,193,745	355	Europe
ALTICE FRANCE	CONSUMER SERVICES	CORP	264,776,139	69	2,667,040,081	839	Europe
SHELL PLC	ENERGY	CORP	263,546,827	28	1,685,088,289	178	Europe
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	TELECOMMUNICATIONS SERVICES	CORP	261,166,530	52	3,161,994,115	682	Europe
TELECOM ITALIA SPA	TELECOMMUNICATIONS SERVICES	CORP	259,889,985	50	3,510,686,984	944	Europe
BARCLAYS PLC	FINANCIALS	CORP	253,387,433	42	2,422,428,193	337	Europe
SANOFI	HEALTHCARE	CORP	253,919,759	24	1,212,984,033	112	Europe
EQUINOR ASA	ENERGY	CORP	251,850,938	22	1,511,119,576	113	Europe
FORD MOTOR COMPANY	CONSUMER GOODS	CORP	250,230,992	68	1,518,549,891	481	Americas
DEUTSCHE TELEKOM AG	TELECOMMUNICATIONS SERVICES	CORP	250,006,612	20	4,125,291,560	286	Europe
BNP PARIBAS	FINANCIALS	CORP	248,110,829	39	1,551,498,089	265	Europe
MARKS AND SPENCER P.L.C.	CONSUMER SERVICES	CORP	244,954,217	51	2,121,093,766	436	Europe
HOLCIM AG	INDUSTRIALS	CORP	244,613,413	39	1,160,168,121	267	Europe
BRITISH AMERICAN TOBACCO P.L.C.	CONSUMER GOODS	CORP	239,658,892	37	1,648,802,855	202	Europe
DEUTSCHE LUFTHANSA AKTIENGESELLSCHAFT	INDUSTRIALS	CORP	237,586,659	46	1,505,292,715	289	Europe
CASINO GUICHARD-PERRACHON	CONSUMER SERVICES	CORP	236,086,742	70	1,007,004,398	329	Europe
CREDIT AGRICOLE SA	FINANCIALS	CORP	231,000,044	41	1,491,048,892	270	Europe
ORACLE CORPORATION PUBLIC LIMITED COMPANY	TELECOMMUNICATIONS SERVICES	CORP	230,825,419	28	2,624,034,055	273	Europe
ANGLO AMERICAN PLC	BASIC MATERIALS	CORP	228,439,716	45	2,797,226,539	475	Europe
CONTINENTAL AKTIENGESELLSCHAFT	CONSUMER GOODS	CORP	223,408,547	40	1,523,422,019	345	Europe
BANCO BILBAO VIZCAYA ARGENTARIA, SOCIEDAD ANONIMA	FINANCIALS	CORP	222,346,780	42	1,231,062,390	229	Europe
GENERAL MOTORS COMPANY	CONSUMER GOODS	CORP	220,071,374	89	1,081,921,512	520	Americas
NATWEST GROUP PLC	FINANCIALS	CORP	212,419,096	34	1,568,674,647	220	Europe
VIVENDI SE	CONSUMER SERVICES	CORP	209,231,465	33	896,217,802	144	Europe
AEGON N.V.	FINANCIALS	CORP	207,838,965	32	1,094,511,330	165	Europe
LMVH MOET HENNESSY LOUIS VUITTON	CONSUMER GOODS	CORP	206,857,259	21	1,557,839,439	159	Europe
THE GOLDMAN SACHS GROUP, INC.	FINANCIALS	CORP	205,695,808	24	1,296,044,000	142	Americas
SWISS REINSURANCE COMPANY LTD	FINANCIALS	CORP	203,908,193	24	1,201,230,776	166	Europe
AVIVA PLC	FINANCIALS	CORP	197,487,396	33	1,196,276,297	202	Europe
HEYER AKTIENGESELLSCHAFT	HEALTHCARE	CORP	197,119,577	30	1,780,808,002	200	Europe
DANONE	CONSUMER GOODS	CORP	194,502,539	25	1,113,440,626	143	Europe
ENEL S.P.A.	UTILITIES	CORP	192,787,213	36	1,852,119,306	327	Europe
IMPERIAL BRANDS PLC	CONSUMER GOODS	CORP	192,079,250	29	1,374,937,994	161	Europe
CARREFOUR	CONSUMER SERVICES	CORP	187,733,783	30	1,150,680,192	200	Europe
ENI S.P.A.	ENERGY	CORP	185,604,234	28	1,444,510,501	195	Europe
REPSOL, S.A.	ENERGY	CORP	185,411,541	28	1,553,877,512	240	Europe
NEXT PLC	CONSUMER SERVICES	CORP	183,208,357	37	902,198,897	204	Europe
ARCELORMITTAL	BASIC MATERIALS	CORP	180,499,471	43	1,598,039,313	394	Europe
PRUDENTIAL FINANCIAL, INC.	FINANCIALS	CORP	177,883,356	33	488,176,860	123	Americas
VIRGIN MEDIA FINANCE PLC	TELECOMMUNICATIONS SERVICES	CORP	176,795,390	36	2,611,878,585	489	Europe
BASF SE	BASIC MATERIALS	CORP	176,127,557	27	1,775,678,190	303	Europe
KINGDOM OF BELGIUM	GOVERNMENT	SOV	176,059,332	13	1,588,050,000	95	Europe
VALEO	CONSUMER GOODS	CORP	173,050,922	40	1,006,534,127	217	Europe
LANXESS AKTIENGESELLSCHAFT	BASIC MATERIALS	CORP	171,515,283	33	1,788,306,715	271	Europe
METLIFE, INC.	FINANCIALS	CORP	171,107,792	39	417,421,000	100	Americas
MUENCHENER RUECKVERSICHERUNGS-GESELLSCHAFT AKTIENGESELLSCHAFT IN MUENCHEN	FINANCIALS	CORP	170,862,540	24	1,662,798,330	188	Europe
ROYAL CARIBBEAN CRUISES LTD.	CONSUMER SERVICES	CORP	169,879,038	46	597,682,000	206	Americas
PUBLICIS GROUPE SA	CONSUMER SERVICES	CORP	169,612,889	27	1,127,462,490	174	Europe
AMGEN INC.	HEALTHCARE	CORP	169,271,085	22	501,940,000	97	Americas
NESTLE S.A.	CONSUMER GOODS	CORP	169,143,323	20	1,515,247,834	132	Europe
PETROLEOS MEXICANOS	ENERGY	STATBODY	165,752,315	36	1,602,113,000	409	Americas
GENERAL ELECTRIC COMPANY	INDUSTRIALS	CORP	160,835,938	28	1,388,175,000	143	Americas
JAPAN	GOVERNMENT	SOV	159,772,896	10	607,056,000	54	Japan
ALIBABA SE	FINANCIALS	CORP	159,634,851	26	978,624,897	148	Europe
CTIGROUP INC.	FINANCIALS	CORP	158,732,722	19	923,600,000	123	Americas
CARNIVAL CORPORATION	CONSUMER SERVICES	CORP	158,379,922	51	939,500,000	311	Americas
PEARSON PLC	CONSUMER SERVICES	CORP	158,091,385	29	1,049,737,932	202	Europe
ZURICH INSURANCE COMPANY LTD	FINANCIALS	CORP	157,551,971	27	1,046,805,408	202	Europe
THE BOEING COMPANY	INDUSTRIALS	CORP	156,825,987	29	619,600,000	126	Americas
ALSTOM	INDUSTRIALS	CORP	153,505,922	29	616,873,619	117	Europe
UNITEDHEALTH GROUP INCORPORATED	HEALTHCARE	CORP	153,193,208	20	441,670,000	84	Americas
CNH INDUSTRIAL N.V.	INDUSTRIALS	CORP	152,143,150	33	733,781,761	222	Europe
ING GROEP N.V.	FINANCIALS	CORP	151,645,323	26	1,343,750,262	183	Europe
BANK OF CHINA LIMITED	FINANCIALS	CORP	148,978,061	18	891,420,000	160	Asia Ex-Japan
SUEZLUCKER AG	CONSUMER GOODS	CORP	146,389,040	26	1,121,403,866	164	Europe
THYSSENKRUPP AG	BASIC MATERIALS	CORP	145,535,628	39	2,010,952,502	403	Europe
MORGAN STANLEY	FINANCIALS	CORP	145,376,593	25	869,892,000	121	Americas
GSK PLC	HEALTHCARE	CORP	144,920,148	17	1,016,535,375	89	Europe
BAE SYSTEMS PLC	INDUSTRIALS	CORP	143,388,573	21	578,788,881	87	Europe
COMPAGNIE DE SAINT-GOBAIN	INDUSTRIALS	CORP	142,931,813	23	468,935,584	105	Europe
ITV PLC	CONSUMER SERVICES	CORP	140,932,946	32	838,694,853	176	Europe
ELO	CONSUMER SERVICES	CORP	140,831,419	26	933,675,974	155	Europe
COMCAST CORPORATION	CONSUMER SERVICES	CORP	140,597,892	21	544,633,000	90	Americas
VEOLIA ENVIRONNEMENT	UTILITIES	CORP	140,198,072	23	1,550,118,724	283	Europe
HEINEKEN N.V.	CONSUMER GOODS	CORP	139,422,224	20	528,331,984	97	Europe
AMERICAN AIRLINES GROUP INC.	INDUSTRIALS	CORP	137,704,620	41	453,350,000	183	Americas
NATURGY ENERGY GROUP, S.A.	UTILITIES	CORP	136,500,393	15	1,528,390,015	118	Europe
WPP 2005 LIMITED	CONSUMER SERVICES	CORP	135,117,685	25	755,803,865	159	Europe
DANSKE BANK A/S	FINANCIALS	CORP	134,853,107	26	1,249,865,143	206	Europe
SES	TELECOMMUNICATIONS SERVICES	CORP	133,683,104	26	1,148,113,475	214	Europe
UBS AG	FINANCIALS	CORP	133,510,831	20	1,441,791,064	222	Europe
NEXTERA ENERGY CAPITAL HOLDINGS, INC.	UTILITIES	CORP	133,510,131	20	845,800,000	155	Americas
NATIONAL GRID PLC	UTILITIES	CORP	131,580,904	19	1,385,197,090	209	Europe
WALMART INC.	CONSUMER SERVICES	CORP	130,100,508	14	460,600,000	64	Americas
AKTIEBOLAGET VOLVO	INDUSTRIALS	CORP	128,979,514	29	734,824,611	138	Europe
WENDEL	FINANCIALS	CORP	128,496,366	27	958,339,687	173	Europe
LUMEN TECHNOLOGIES, INC.	TELECOMMUNICATIONS SERVICES	CORP	128,361,154	43	1,180,170,000	401	Americas
PFIZER INC.	HEALTHCARE	CORP	128,360,054	16	352,515,000	86	Americas
PRUDENTIAL PUBLIC LIMITED COMPANY	FINANCIALS	CORP	127,999,435	25	845,913,909	149	Europe
DEVON ENERGY CORPORATION	ENERGY	CORP	127,962,902	28	802,989,000	235	Americ