

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
PEOPLE'S REPUBLIC OF CHINA	GOVERNMENT	SOV	1,996,639,284	139	9,554,158,000	712	Asia Ex-Japan
FEDERATIVE REPUBLIC OF BRAZIL	GOVERNMENT	SOV	1,818,706,944	246	10,068,690,373	1,326	Americas
UNITED MEXICAN STATES	GOVERNMENT	SOV	1,455,049,890	228	6,336,572,840	661	Americas
REPUBLIC OF SOUTH AFRICA	GOVERNMENT	SOV	1,448,918,681	211	10,225,787,528	1,399	Europe
REPUBLIC OF TURKEY	GOVERNMENT	SOV	1,366,015,257	202	11,034,107,000	1,756	Europe
REPUBLIC OF KOREA	GOVERNMENT	SOV	1,174,019,169	84	3,720,750,000	464	Asia Ex-Japan
REPUBLIC OF INDONESIA	GOVERNMENT	SOV	1,152,464,684	175	5,292,164,796	676	Asia Ex-Japan
REPUBLIC OF CHILE	GOVERNMENT	SOV	1,038,862,437	126	4,333,067,000	546	Americas
REPUBLIC OF COLOMBIA	GOVERNMENT	SOV	790,619,263	157	4,008,622,548	816	Americas
KINGDOM OF SAUDI ARABIA	GOVERNMENT	SOV	614,336,308	49	6,279,375,000	348	Europe
REPUBLIC OF ITALY	GOVERNMENT	SOV	575,860,560	40	6,348,403,054	404	Europe
MALAYSIA	GOVERNMENT	SOV	481,985,490	93	1,807,862,192	610	Asia Ex-Japan
REPUBLIC OF THE PHILIPPINES	GOVERNMENT	SOV	456,453,355	108	2,225,957,962	487	Asia Ex-Japan
REPUBLIC OF PERU	GOVERNMENT	SOV	421,447,772	102	3,550,037,000	697	Americas
CREDIT SUISSE GROUP AG	FINANCIALS	CORP	415,512,382	95	3,287,470,083	756	Europe
VERIZON COMMUNICATIONS INC.	TELECOMMUNICATIONS SERVICES	CORP	375,790,687	68	1,928,547,800	355	Americas
ELECTRICITE DE FRANCE	UTILITIES	CORP	367,399,435	39	4,743,284,740	557	Europe
AT&T INC.	TELECOMMUNICATIONS SERVICES	CORP	346,849,703	56	2,096,153,720	337	Americas
UNITED STATES OF AMERICA	GOVERNMENT	SOV	343,249,328	17	8,539,777,882	430	Europe
VOLKSWAGEN AKTIENGESELLSCHAFT	CONSUMER GOODS	CORP	337,225,209	47	2,806,789,242	390	Europe
AIRBUS SE	INDUSTRIALS	CORP	294,929,388	37	1,535,657,485	237	Europe
TELEFONICA S.A.	TELECOMMUNICATIONS SERVICES	CORP	290,876,560	43	4,539,927,162	561	Europe
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	TELECOMMUNICATIONS SERVICES	CORP	286,361,865	44	4,396,629,802	526	Europe
ENEL S.P.A.	UTILITIES	CORP	284,011,135	48	3,349,062,726	473	Europe
FRENCH REPUBLIC	GOVERNMENT	SOV	277,840,962	13	1,710,700,000	102	Europe
DEUTSCHE BANK AKTIENGESELLSCHAFT	FINANCIALS	CORP	277,483,151	48	2,945,477,359	437	Europe
BP P.L.C.	ENERGY	CORP	277,353,178	37	1,338,854,689	237	Europe
TELECOM ITALIA SPA	TELECOMMUNICATIONS SERVICES	CORP	273,513,732	57	4,131,256,632	719	Europe
BARCLAYS PLC	FINANCIALS	CORP	267,010,790	44	2,229,560,786	422	Europe
LLOYDS BANKING GROUP PLC	FINANCIALS	CORP	259,608,251	40	2,150,457,597	337	Europe
JAGUAR LAND ROVER AUTOMOTIVE PLC	CONSUMER GOODS	CORP	257,408,579	70	2,002,086,120	571	Europe
BAIF SE	BASIC MATERIALS	CORP	256,619,220	40	3,233,633,014	411	Europe
THE BOEING COMPANY	INDUSTRIALS	CORP	255,761,140	47	1,436,694,000	328	Americas
VODAFONE GROUP PUBLIC LIMITED COMPANY	TELECOMMUNICATIONS SERVICES	CORP	251,048,867	31	3,578,151,811	359	Europe
GLENCORE INTERNATIONAL AG	BASIC MATERIALS	CORP	249,875,063	45	3,766,647,923	586	Europe
FORD MOTOR COMPANY	CONSUMER GOODS	CORP	246,808,043	62	1,334,782,000	449	Americas
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	GOVERNMENT	SOV	243,229,676	12	780,922,785	38	Europe
BANK OF AMERICA CORPORATION	FINANCIALS	CORP	236,678,824	22	1,018,547,000	144	Americas
JPMORGAN CHASE & CO.	FINANCIALS	CORP	233,881,862	22	845,390,000	165	Americas
MERCEDES-BENZ GROUP AG	CONSUMER GOODS	CORP	221,097,330	32	1,292,231,092	198	Europe
NATWEST GROUP PLC	FINANCIALS	CORP	218,214,548	33	2,209,161,499	342	Europe
ARCELORMITTAL	BASIC MATERIALS	CORP	217,755,841	46	3,243,125,680	570	Europe
ANGLO AMERICAN PLC	BASIC MATERIALS	CORP	216,873,564	49	2,834,407,886	569	Europe
BNP PARIBAS	FINANCIALS	CORP	216,658,078	35	1,282,073,007	238	Europe
STANDARD CHARTERED PLC	FINANCIALS	CORP	215,535,310	38	1,912,073,656	341	Europe
INTESA SANPAOLO SPA	FINANCIALS	CORP	212,188,331	42	1,979,135,901	354	Europe
SOCIETE GENERALE	FINANCIALS	CORP	204,404,884	31	2,213,706,818	357	Europe
LANXESS AKTIENGESELLSCHAFT	BASIC MATERIALS	CORP	202,446,397	43	2,364,468,962	450	Europe
STELLANTIS N.V.	CONSUMER GOODS	CORP	201,874,828	55	1,541,808,004	428	Europe
KINGDOM OF SPAIN	GOVERNMENT	SOV	201,487,927	9	408,322,785	24	Europe
BANCO SANTANDER S.A.	FINANCIALS	CORP	201,481,295	34	1,806,300,869	340	Europe
HSBC HOLDINGS PLC	FINANCIALS	CORP	200,641,008	43	1,558,726,470	391	Europe
GENERAL MOTORS COMPANY	CONSUMER GOODS	CORP	200,079,531	56	1,532,229,000	439	Americas
BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	CONSUMER GOODS	CORP	199,234,301	35	1,186,318,654	185	Europe
NATURGY ENERGY GROUP, S.A.	UTILITIES	CORP	198,958,572	22	2,011,313,901	274	Europe
AMERICAN AIRLINES GROUP INC.	INDUSTRIALS	CORP	197,305,269	66	1,700,397,000	605	Americas
CARNIVAL CORPORATION	CONSUMER SERVICES	CORP	192,822,004	64	1,624,422,500	521	Americas
WALMART INC.	CONSUMER SERVICES	CORP	192,766,615	16	905,934,000	100	Americas
BARCLAYS BANK PLC	FINANCIALS	CORP	192,755,425	20	1,718,206,524	77	Europe
JAPAN	GOVERNMENT	SOV	191,290,162	16	927,587,600	93	Japan
UNICREDIT, SOCIETA PER AZIONI	FINANCIALS	CORP	188,335,095	43	1,907,815,214	419	Europe
THE GOLDMAN SACHS GROUP, INC.	FINANCIALS	CORP	186,039,103	26	1,285,898,847	196	Americas
CENTRICA PLC	UTILITIES	CORP	184,266,965	27	2,328,813,434	318	Europe
UNIBAIL-RODAMCO-WESTFIELD SE	FINANCIALS	CORP	183,526,421	37	1,086,915,206	252	Europe
ROLLS-ROYCE PLC	INDUSTRIALS	CORP	179,499,246	44	741,709,784	263	Europe
ANHEUSER-BUSCH INBEV	CONSUMER GOODS	CORP	177,650,343	27	1,032,870,668	139	Europe
TESCO PLC	CONSUMER SERVICES	CORP	174,891,921	30	843,963,664	208	Europe
MEDIOBANCA BANCA DI CREDITO FINANZIARIO SOCIETA PER AZIONI	FINANCIALS	CORP	174,750,049	31	2,291,775,135	326	Europe
ASSICURAZIONI GENERALI - SOCIETA PER AZIONI	FINANCIALS	CORP	173,771,029	42	2,584,388,718	506	Europe
ORANGE	TELECOMMUNICATIONS SERVICES	CORP	169,185,589	19	2,501,924,022	283	Europe
THE PROCTER & GAMBLE COMPANY	CONSUMER GOODS	CORP	168,958,962	18	964,720,000	100	Americas
IBERDROLA, S.A.	UTILITIES	CORP	166,623,303	24	2,591,941,946	308	Europe
ROYAL CARIBBEAN CRUISES LTD.	CONSUMER SERVICES	CORP	165,941,446	49	1,445,541,000	453	Americas
DEUTSCHE TELEKOM AG	TELECOMMUNICATIONS SERVICES	CORP	164,485,085	23	2,914,293,895	363	Europe
E.ON SE	UTILITIES	CORP	161,001,901	26	2,524,947,261	350	Europe
INTERNATIONAL BUSINESS MACHINES CORPORATION	TECHNOLOGY	CORP	157,519,002	20	722,982,000	117	Americas
THYSSENKRUPP AG	BASIC MATERIALS	CORP	156,843,028	40	2,740,088,809	569	Europe
MORGAN STANLEY	FINANCIALS	CORP	149,510,286	25	944,616,680	211	Americas
NATIONAL GRID PLC	UTILITIES	CORP	147,431,784	20	1,890,320,300	249	Europe
DEVON ENERGY CORPORATION	ENERGY	CORP	142,304,923	30	727,467,000	198	Americas
PETROLEOS MEXICANOS	ENERGY	STATEBODY	140,929,462	31	997,696,000	246	Americas
UNITEDHEALTH GROUP INCORPORATED	HEALTHCARE	CORP	139,744,808	18	811,615,000	103	Americas
HESS CORPORATION	ENERGY	CORP	139,429,042	27	561,592,100	159	Americas
ORACLE CORPORATION	TECHNOLOGY	CORP	136,817,423	19	733,138,000	138	Americas
COMMONWEALTH OF AUSTRALIA	GOVERNMENT	SOV	136,003,846	7	670,500,000	65	Australia NZ
SOFTBANK GROUP CORP.	TELECOMMUNICATIONS SERVICES	CORP	135,043,014	28	1,172,523,238	203	Japan
UNITED STATES STEEL CORPORATION	BASIC MATERIALS	CORP	134,560,827	52	686,317,000	250	Americas
PETROLEO BRASILEIRO S/A PETROBRAS	ENERGY	CORP	134,123,192	21	678,190,000	132	Americas
RENAULT	CONSUMER GOODS	CORP	133,723,616	41	1,353,746,622	379	Europe
ENGIE	UTILITIES	CORP	132,092,374	23	2,011,590,834	304	Europe
CONAGRA BRANDS, INC.	CONSUMER GOODS	SOV	131,550,962	24	366,188,000	109	Americas
ARAB REPUBLIC OF EGYPT	GOVERNMENT	SOV	130,901,154	45	1,598,680,000	551	Americas
ARAB REPUBLIC OF EGYPT	FINANCIALS	CORP	130,601,822	38	899,050,000	201	Americas
ALLIANZ SE	FINANCIALS	CORP	129,358,470	20	937,102,748	193	Europe
AXA	FINANCIALS	CORP	129,021,705	24	960,067,817	221	Europe
SOLVAY	BASIC MATERIALS	CORP	128,714,119	25	1,780,966,288	322	Europe
LUMEN TECHNOLOGIES, INC.	TELECOMMUNICATIONS SERVICES	CORP	128,593,346	45	970,780,000	390	Americas
FEDERAL REPUBLIC OF GERMANY	GOVERNMENT	SOV	128,043,115	8	503,700,000	36	Europe
KONINKLIJKE KPN N.V.	TELECOMMUNICATIONS SERVICES	CORP	127,838,678	26	1,465,285,012	319	Europe
AKZO NOBEL N.V.	BASIC MATERIALS	CORP	127,489,362	24	1,585,320,666	248	Europe
ZURICH INSURANCE COMPANY LTD	FINANCIALS	CORP	124,954,157	18	1,365,087,349	211	Europe
COMMERZBANK AKTIENGESELLSCHAFT	FINANCIALS	CORP	124,050,531	25	1,171,611,180	258	Europe
PFIZER INC.	HEALTHCARE	CORP	123,956,577	16	885,415,000	109	Americas
ALTIPE FRANCE	CONSUMER SERVICES	CORP	123,371,753	37	1,403,350,223	421	Europe
ASSICURAZIONI GENERALI - SOCIETA PER AZIONI	FINANCIALS	CORP	123,338,484	26	1,103,234,009	261	Europe
VEOLIA ENVIRONNEMENT	UTILITIES	CORP	123,202,750	21	1,865,605,538	322	Europe
FORTUM OYJ	UTILITIES	CORP	122,478,581	23	1,067,342,361	215	Europe
THE SHERWIN-WILLIAMS COMPANY	BASIC MATERIALS	CORP	121,333,515	21	579,235,000	153	Americas
ALLY FINANCIAL INC.	FINANCIALS	CORP	121,005,154	48	784,570,000	319	Americas
THE GAP, INC.	CONSUMER SERVICES	CORP	120,887,423	40	498,670,000	193	Americas
REPUBLIC OF PANAMA	GOVERNMENT	SOV	120,297,103	35	910,130,000	209	Americas
CREDIT AGRICOLE SA	FINANCIALS	CORP	119,876,119	24	1,209,707,612	240	Europe
HEIDELBERGCEMENT AG	INDUSTRIALS	CORP	119,371,024	30	657,770,045	159	Europe
SHELL PLC	ENERGY	CORP	118,991,858	18	529,544,397	96	Europe
CITIGROUP INC.	FINANCIALS	CORP	118,879,085	19	673,365,000	120	Americas
NEXT PLC	CONSUMER SERVICES	CORP	118,396,038	36	792,839,031	265	Europe
DIEM OIL AG	INDUSTRIALS	CORP	118,211,195	21	463,074,902	116	Europe
UNITED AIRLINES HOLDINGS, INC.	INDUSTRIALS	CORP	117,630,423	32	887,845,000	277	Americas
METLIFE, INC.	FINANCIALS	CORP	115,716,403	19	542,933,000	112	Americas
CASINO GUICHARD-PERRACHON	CONSUMER SERVICES	CORP	115,211,403	50	762,785,886	318	Europe
NORDSTROM, INC.	CONSUMER SERVICES	CORP	114,028,555	37	998,460,000	352	Americas
THE GOODYEAR TIRE & RUBBER COMPANY	CONSUMER GOODS	CORP	112,944,000	46	803,614,000	412	Americas
THE DOW CHEMICAL COMPANY	BASIC MATERIALS	CORP	112,242,615	20	1,039,205,000	172	Americas
BANCO BILBAO VIZCAYA ARGENTARIA, SOCIEDAD ANONIMA	FINANCIALS	CORP	111,511,717	21	719,106,975	173	Europe
GENERAL ELECTRIC COMPANY	INDUSTRIALS	CORP	110,552,121	29	375,615,000	163	Americas
JOHNSON & JOHNSON	HEALTHCARE	CORP	110,115,923	12	516,020,000	72	Americas
THE KROGER CO.	CONSUMER SERVICES	CORP	108,612,500	19	227,920,000	78	Americas
DANONE	CONSUMER GOODS	CORP	108,276,870	17	406,012,661	96	Europe
3M HEALTH CORPORATION	HEALTHCARE	CORP	107,749,923	15	352,870,000	92	Americas
MACYS, INC.	CONSUMER SERVICES	CORP	107,599,577	39	897,943,000	354	Americas
SIEMENS AKTIENGESELLSCHAFT	HEALTHCARE	CORP	107,037,088	18	716,800,182	124	Europe
CARREFOUR	CONSUMER SERVICES	CORP	106,292,775	19	764,382,909	184	Europe
NRG ENERGY, INC.	UTILITIES	CORP	106,046,731	29	575,066,000	237	Americas
KOHL'S CORPORATION	CONSUMER SERVICES	CORP	105,950,385	36	717,475,000	259	Americas
WELLS FARGO & COMPANY	FINANCIALS	CORP	105,397,533	14	471,000,000	79	Americas
TOLL BROTHERS, INC.	CONSUMER GOODS	CORP	104,827,525	35	394,488,000	146	Americas
ALTRIA GROUP, INC.	CONSUMER GOODS	CORP	103,510,923	19	442,131,000	132	Americas
DOMINION ENERGY, INC.	UTILITIES	CORP	103,403,692	16	562,865,000	94	Americas
PARAMOUNT GLOBAL	CONSUMER SERVICES	CORP	102,912,231	25	626,845,000	202	Americas
CATERPILLAR INC.	INDUSTRIALS	CORP	102,800,538	15	359,771,000	96	Americas
KB HOME	CONSUMER GOODS	CORP	102,226,176	40	680,714,000	267	Americas
BRITISH AMERICAN TOBACCO P.L.C.	CONSUMER GOODS	CORP	101,495,813	23	610,449,370	164	Europe
NOKIA OYJ	TECHNOLOGY	CORP	99,582,966	26	1,350,567,171	335	Europe
KINGDOM							