



DTCC DATA SERVICES MARKET INTELLIGENCE: CDS KINETICS, CREDIT DEFAULT SWAPS DATA

On a weekly rotating basis, credit default swaps (CDS) contracts for the top 15 sovereign reference entities or the top 15 corporate reference entities by net notional amount – both with their respective top 10 volume movers by percentage change based on the net notional amount registered in DTCC's Trade Information Warehouse (TIW) - will be available on www.dtccdata.com.

The tables will continue to be provided to you free of charge. To access more comprehensive data on the total size of the global CDS market and other items, please contact us at <https://www.dtcc.com/forms/dtcc-data-services-cds-kinetics>. To learn more about additional product details and the entire DTCC Data Services suite of offerings visit www.dtccdata.com.

DTCC's Trade Information Warehouse contains approximately 98% of all CDS trades executed globally.

Top 15 Sovereign Reference Entities by Net Notional (Week Ending 03-17-2023)

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
PEOPLE'S REPUBLIC OF CHINA	SOV	8,692,295,117	-4.72%	-3.49%	0.22%	86,498,599,922	3,714
REPUBLIC OF ITALY	SOV	8,025,060,790	-2.69%	4.19%	-13.06%	156,340,338,125	6,039
REPUBLIC OF KOREA	SOV	7,772,893,163	0.32%	-2.45%	-18.81%	90,584,836,366	3,045
UNITED MEXICAN STATES	SOV	7,429,592,540	-0.56%	-2.70%	-14.30%	66,741,964,357	7,226
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,020,635,825	-6.03%	-9.39%	0.69%	63,328,910,804	5,444
UNITED STATES OF AMERICA	SOV	4,904,464,474	4.13%	22.66%	419.71%	11,148,676,065	683
FRENCH REPUBLIC	SOV	4,835,939,881	0.10%	0.46%	-3.39%	40,868,900,094	1,489
REPUBLIC OF TURKEY	SOV	4,384,786,446	-4.46%	-12.40%	-16.04%	60,073,196,763	5,527
REPUBLIC OF SOUTH AFRICA	SOV	4,376,799,004	-5.99%	-8.54%	-14.02%	59,765,846,133	6,015
KINGDOM OF SAUDI ARABIA	SOV	4,203,544,882	-0.30%	-2.46%	27.87%	32,216,362,661	1,891
REPUBLIC OF INDONESIA	SOV	3,516,458,961	-12.48%	-12.63%	-5.70%	47,994,911,289	3,889
JAPAN	SOV	3,186,164,252	0.24%	3.70%	-1.19%	18,930,659,890	1,378
REPUBLIC OF CHILE	SOV	3,148,576,492	1.84%	-3.40%	35.97%	22,156,446,936	1,977
REPUBLIC OF COLOMBIA	SOV	2,988,828,821	-3.26%	-4.02%	-9.28%	28,656,354,874	3,969
COMMONWEALTH OF AUSTRALIA	SOV	2,555,492,982	-0.19%	0.11%	-11.24%	16,055,071,752	587

Top 15 Corporate Reference Entities by Net Notional (Week Ending 03-17-2023)

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
AT&T INC.	CORP	4,649,616,062	-0.38%	3.46%	18.74%	21,000,920,778	2,260
VERIZON COMMUNICATIONS INC.	CORP	4,040,536,676	2.07%	7.55%	66.98%	17,564,368,043	1,764
BARCLAYS BANK PLC	CORP	3,368,399,877	0.83%	-0.33%	6.03%	15,000,815,782	1,197
SOFTBANK GROUP CORP.	CORP	3,082,018,336	4.47%	3.55%	-9.20%	18,049,537,188	4,917
GENERAL ELECTRIC COMPANY	CORP	2,942,754,617	-0.23%	-0.67%	-11.84%	12,605,801,811	2,024
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	2,733,879,835	1.54%	1.32%	14.06%	23,653,838,088	2,478
BANK OF AMERICA CORPORATION	CORP	2,599,363,428	7.17%	10.47%	8.91%	11,926,022,994	844
INTEGRITY ENERGY GROUP, S.A.	CORP	2,555,375,218	0.52%	-0.62%	3.07%	9,649,570,580	845
THE BOEING COMPANY	CORP	2,554,639,896	-0.19%	-3.36%	-9.45%	11,198,892,794	1,586
ROLLS ROYCE PLC	CORP	2,388,642,516	1.20%	0.05%	-13.90%	19,191,774,971	1,990
THE GOLDMAN SACHS GROUP, INC.	CORP	2,383,349,737	2.33%	0.50%	11.95%	14,551,822,568	1,336
WALMART INC.	CORP	2,361,423,400	0.78%	0.00%	124.78%	9,817,477,053	682
BP P.L.C.	CORP	2,317,970,630	0.23%	-2.81%	33.44%	19,701,925,785	1,654
THE PROCTER & GAMBLE COMPANY	CORP	2,223,768,334	0.92%	4.08%	61.17%	8,687,481,195	628
JPMORGAN CHASE & CO.	CORP	2,120,621,821	2.46%	3.44%	23.56%	9,985,867,556	770

Top 10 Sovereign Reference Entities by Net Notional Change vs 1 Week Ago

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
REPUBLIC OF GHANA	SOV	13,200,000	-60.24%	-60.24%	-62.07%	15,700,000	25
REPUBLIC OF INDONESIA	SOV	3,516,458,961	-12.48%	-12.63%	-5.70%	47,994,911,289	3,889
KINGDOM OF BELGIUM	SOV	793,045,873	10.56%	9.43%	-1.64%	6,334,947,616	424
REPUBLIC OF PANAMA	SOV	716,834,266	-9.58%	2.88%	38.89%	4,030,854,734	676
SOCIALIST REPUBLIC OF VIETNAM	SOV	367,350,000	-7.55%	-4.93%	29.26%	1,488,634,728	208
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,020,635,825	-6.03%	-9.39%	0.69%	63,328,910,804	5,444
REPUBLIC OF SOUTH AFRICA	SOV	4,376,799,004	-5.99%	-8.54%	-14.02%	59,765,846,133	6,015
CZECH REPUBLIC	SOV	93,066,668	-5.96%	-6.09%	42.20%	165,066,668	26
KINGDOM OF SPAIN	SOV	1,654,648,395	-5.00%	-4.74%	-33.31%	21,803,054,156	1,038
REPUBLIC OF CROATIA	SOV	119,971,644	-5.00%	1.63%	-13.86%	1,820,122,784	52

Top 10 Corporate Reference Entities by Net Notional Change vs 1 Week Ago

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
VOLVO CAR AB	CORP	151,686,671	53.96%	75.72%	37.12%	681,997,150	202
STONEGATE PUB COMPANY FINANCING PLC	CORP	92,403,541	-30.85%	-23.74%	-38.18%	934,686,835	385
BANCO DO BRASIL S.A.	CORP	111,700,000	-23.65%	0.00%	55.14%	111,700,000	41
NUCOR CORPORATION	CORP	21,810,000	-21.76%	-12.76%	-61.53%	241,120,000	33
CISCO SYSTEMS, INC.	CORP	604,684,400	19.82%	19.24%	34.89%	3,412,630,200	411
RAKUTEN GROUP, INC.	CORP	519,965,352	17.40%	18.36%	26.24%	4,271,276,594	1,236
ASHLAND INC.	CORP	59,070,000	17.28%	92.62%	0.00%	145,269,402	51
THE SOUTHERN COMPANY	CORP	590,282,000	13.06%	26.15%	0.32%	4,084,901,000	592
STONEGATE PUB COMPANY FINANCING LIMITED	CORP	85,107,202	12.83%	52.31%	0.00%	268,608,533	94
CIRSA FINANCE INTERNATIONAL S.A.R.L.	CORP	14,013,841	-12.48%	-13.43%	-27.04%	93,724,822	50

Top 10 Sovereign Reference Entities by Net Notional Change vs 4 Weeks Ago

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
REPUBLIC OF GHANA	SOV	13,200,000	-60.24%	-60.24%	-62.07%	15,700,000	25
UNITED STATES OF AMERICA	SOV	4,904,464,474	4.13%	22.66%	419.71%	11,148,676,065	683
ROMANIA	SOV	239,524,000	5.00%	16.15%	31.88%	985,594,669	219
REPUBLIC OF PERU	SOV	1,594,120,881	-4.06%	-13.17%	-0.27%	13,718,954,757	1,748
REPUBLIC OF INDONESIA	SOV	3,516,458,961	-12.48%	-12.63%	-5.70%	47,994,911,289	3,889
REPUBLIC OF TURKEY	SOV	4,384,786,446	-4.46%	-12.40%	-16.04%	60,073,196,763	5,527
KINGDOM OF BELGIUM	SOV	793,045,873	10.56%	9.43%	-1.64%	6,334,947,616	424
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,020,635,825	-6.03%	-9.39%	0.69%	63,328,910,804	5,444
REPUBLIC OF SOUTH AFRICA	SOV	4,376,799,004	-5.99%	-8.54%	-14.02%	59,765,846,133	6,015
MALAYSIA	SOV	1,793,325,757	-2.32%	-7.57%	0.24%	24,921,050,600	1,886

Top 10 Corporate Reference Entities by Net Notional Change vs 4 Weeks Ago

Reference Entity	Type	Net Notional (USD EQ)	Net % Change vs 1 Week Ago	Net % Change vs 4 Weeks Ago	Net % Change vs 52 Weeks Ago	Gross Notional (USD EQ)	Contracts
ASHLAND INC.	CORP	59,070,000	17.28%	92.62%	0.00%	145,269,402	51
VOLVO CAR AB	CORP	151,686,671	53.96%	75.72%	37.12%	681,997,150	202
COMMSCOPE, INC.	CORP	12,500,000	0.00%	56.25%	0.00%	21,500,000	11
STONEGATE PUB COMPANY FINANCING LIMITED	CORP	85,107,202	12.83%	52.31%	0.00%	268,608,533	94
INTERNATIONAL CONSOLIDATED AIRLINES GROUP, S.A.	CORP	68,637,869	9.34%	45.05%	20.87%	275,996,792	117
THE SOUTHERN COMPANY	CORP	590,282,000	13.06%	26.15%	0.32%	4,084,901,000	592
NEXTERA ENERGY CAPITAL HOLDINGS, INC.	CORP	1,280,811,400	6.61%	24.19%	88.92%	5,695,273,058	614
SPRINT COMMUNICATIONS LLC	CORP	88,107,407	1.49%	23.89%	0.00%	278,417,407	70
STONEGATE PUB COMPANY FINANCING PLC	CORP	92,403,541	-30.85%	-23.74%	-38.18%	934,686,835	385
PIONEER NATURAL RESOURCES COMPANY	CORP	266,286,000	1.14%	21.93%	-45.77%	1,626,591,400	346