



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 03-10-2023)

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	9,123,141,117	0.38%	1.50%	5.82%	82,662,313,922	3,536
REPUBLIC OF ITALY	SOV	8,246,481,864	-0.33%	9.15%	-10.80%	155,557,910,867	6,040
REPUBLIC OF KOREA	SOV	7,748,393,163	-0.09%	-3.09%	-16.62%	87,494,182,366	2,882
UNITED MEXICAN STATES	SOV	7,471,733,867	-1.31%	-1.52%	-13.24%	64,056,297,116	7,260
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,406,970,009	-3.96%	-0.88%	8.71%	60,310,506,403	5,101
FRENCH REPUBLIC	SOV	4,831,123,707	-0.32%	0.38%	-3.24%	41,038,768,527	1,483
UNITED STATES OF AMERICA	SOV	4,710,166,517	4.43%	31.71%	398.47%	10,733,944,528	655
REPUBLIC OF SOUTH AFRICA	SOV	4,655,547,696	-0.54%	-2.57%	-3.78%	55,671,507,033	5,685
REPUBLIC OF TURKEY	SOV	4,589,712,220	-4.69%	-6.91%	-11.99%	58,346,360,812	5,394
KINGDOM OF SAUDI ARABIA	SOV	4,216,033,675	-2.67%	-2.76%	27.48%	29,304,012,989	1,816
REPUBLIC OF INDONESIA	SOV	4,017,889,961	-2.71%	5.84%	-11.77%	46,938,935,689	3,845
JAPAN	SOV	3,178,645,028	0.64%	3.51%	-1.49%	18,906,012,733	1,377
REPUBLIC OF CHILE	SOV	3,091,588,892	3.68%	-10.16%	33.21%	21,024,730,219	2,168
REPUBLIC OF COLOMBIA	SOV	3,089,460,161	-4.39%	2.66%	-10.45%	27,015,235,422	3,799
COMMONWEALTH OF AUSTRALIA	SOV	2,560,253,782	0.04%	1.27%	-11.17%	15,461,347,324	581

Top 15 Corporate Reference Entities by Net Notional (Week Ending 03-10-2023)

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	4,667,469,527	2.35%	4.08%	21.38%	21,200,593,312	2,237
VERIZON COMMUNICATIONS INC.	CORP	3,958,753,808	3.40%	4.53%	72.25%	18,063,443,100	1,724
BARCLAYS BANK PLC	CORP	3,340,534,495	-0.51%	-1.04%	5.21%	14,850,206,698	1,191
SOFTBANK GROUP CORP.	CORP	2,950,175,564	-0.26%	-2.69%	-13.84%	17,459,431,023	4,872
GENERAL ELECTRIC COMPANY	CORP	2,949,636,393	-0.11%	-0.47%	-11.08%	12,304,286,278	1,994
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	2,692,406,737	-0.66%	0.47%	14.84%	23,288,654,009	2,435
THE BOEING COMPANY	CORP	2,559,523,348	-0.01%	-1.69%	-9.29%	11,074,250,246	1,567
NATURGY ENERGY GROUP, S.A.	CORP	2,542,110,983	-0.50%	-0.98%	1.90%	10,075,293,220	918
BANK OF AMERICA CORPORATION	CORP	2,425,413,586	1.65%	7.65%	1.78%	10,824,316,404	797
ROLLS-ROYCE PLC	CORP	2,360,369,233	1.44%	-0.61%	-15.03%	18,736,060,296	1,974
WALMART INC.	CORP	2,343,163,400	4.08%	7.05%	123.68%	9,853,733,201	688
THE GOLDMAN SACHS GROUP, INC.	CORP	2,329,030,569	-4.62%	-2.63%	8.65%	14,010,891,021	1,312
BP P.L.C.	CORP	2,312,670,868	-1.77%	-1.60%	40.93%	22,634,260,412	1,871
THE PROCTER & GAMBLE COMPANY	CORP	2,203,550,506	3.09%	3.23%	62.48%	8,419,975,379	611
HSBC HOLDINGS PLC	CORP	2,089,405,749	1.79%	2.70%	7.77%	21,103,935,010	3,526

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
ROMANIA	SOV	228,124,000	25.81%	10.62%	25.58%	902,784,653	210
REPUBLIC OF PANAMA	SOV	792,741,766	6.43%	17.60%	59.10%	3,894,001,234	575
STATE OF ISRAEL	SOV	240,361,375	-6.34%	-7.09%	13.73%	1,507,781,419	397
REPUBLIC OF TURKEY	SOV	4,589,712,220	-4.69%	-6.91%	-11.99%	58,346,360,812	5,394
UNITED STATES OF AMERICA	SOV	4,710,166,517	4.43%	31.71%	398.47%	10,733,944,528	655
REPUBLIC OF COLOMBIA	SOV	3,089,460,161	-4.39%	2.66%	-10.45%	27,015,235,422	3,799
HELLENIC REPUBLIC	SOV	884,427,045	-4.34%	-6.01%	-50.53%	13,409,361,019	1,480
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,406,970,009	-3.96%	-0.88%	8.71%	60,310,506,403	5,101
REPUBLIC OF CHILE	SOV	3,091,588,892	3.68%	-10.16%	33.21%	21,024,730,219	2,168
HUNGARY	SOV	257,121,000	3.38%	3.32%	-4.37%	1,451,839,000	229

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
STONEGATE PUB COMPANY FINANCING LIMITED	CORP	75,430,502	33.07%	-2.87%	0.00%	251,339,120	89
ASHLAND INC.	CORP	50,367,000	25.39%	149.71%	0.00%	96,662,000	45
DUKE ENERGY CAROLINAS, LLC	CORP	343,853,774	23.34%	20.87%	18.60%	2,528,982,452	336
PIONEER NATURAL RESOURCES COMPANY	CORP	263,286,000	22.64%	20.67%	-44.86%	1,597,591,400	341
INTERNATIONAL CONSOLIDATED AIRLINES GROUP, S.A.	CORP	62,775,549	15.21%	24.44%	14.82%	272,632,764	119
VOLVO CAR AB	CORP	98,524,499	14.80%	15.61%	-9.27%	578,072,100	183
SKY LIMITED	CORP	338,171,010	-13.54%	-16.91%	37.46%	3,760,309,522	465
SPRINT COMMUNICATIONS LLC	CORP	86,817,407	13.02%	22.08%	0.00%	266,397,407	64
THE SOUTHERN COMPANY	CORP	522,082,000	12.66%	11.81%	-12.46%	3,764,514,000	551
CVS HEALTH CORPORATION	CORP	947,245,400	10.31%	14.23%	26.96%	4,752,066,162	612

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
UNITED STATES OF AMERICA	SOV	4,710,166,517	4.43%	31.71%	398.47%	10,733,944,528	655
SLOVAK REPUBLIC	SOV	128,249,238	-0.01%	24.18%	6.12%	379,643,119	37
REPUBLIC OF PANAMA	SOV	792,741,766	6.43%	17.60%	59.10%	3,894,001,234	575
REPUBLIC OF PERU	SOV	1,661,597,400	-0.73%	-11.21%	5.58%	11,955,372,857	1,548
ROMANIA	SOV	228,124,000	25.81%	10.62%	25.58%	902,784,653	210
REPUBLIC OF CHILE	SOV	3,091,588,892	3.68%	-10.16%	33.21%	21,024,730,219	2,168
MALAYSIA	SOV	1,835,989,171	2.19%	-9.39%	2.54%	23,050,633,710	1,714
REPUBLIC OF ITALY	SOV	8,246,481,864	-0.33%	9.15%	-10.80%	155,557,910,867	6,040
REPUBLIC OF THE PHILIPPINES	SOV	1,463,358,601	0.52%	-7.78%	-12.37%	19,574,519,582	2,090
STATE OF ISRAEL	SOV	240,361,375	-6.34%	-7.09%	13.73%	1,507,781,419	397

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	50,367,000	25.39%	149.71%	0.00%	96,662,000	45
WEATHERFORD INTERNATIONAL LTD.	CORP	32,400,000	0.00%	27.06%	0.00%	57,600,000	31
INTERNATIONAL CONSOLIDATED AIRLINES GROUP, S.A.	CORP	62,775,549	15.21%	24.44%	14.82%	272,632,764	119
SPRINT COMMUNICATIONS LLC	CORP	86,817,407	13.02%	22.08%	0.00%	266,397,407	64
DUKE ENERGY CAROLINAS, LLC	CORP	343,853,774	23.34%	20.87%	18.60%	2,528,982,452	336
PIONEER NATURAL RESOURCES COMPANY	CORP	263,286,000	22.64%	20.67%	-44.86%	1,597,591,400	341
IHEARTCOMMUNICATIONS, INC.	CORP	33,000,000	0.00%	20.00%	0.00%	76,100,000	46
FRONTIER COMMUNICATIONS HOLDINGS, LLC	CORP	33,000,000	0.00%	20.00%	0.00%	79,600,000	42
UNITEDHEALTH GROUP INCORPORATED	CORP	1,917,535,400	10.11%	19.58%	166.71%	8,598,599,024	612
INTESA SANPAOLO SPA	CORP	1,385,687,276	2.71%	18.89%	35.67%	23,062,235,313	3,353