



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 01-20-2023)

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	8,507,801,117	0.00%	0.90%	12.75%	81,155,830,634	3,475
REPUBLIC OF KOREA	SOV	7,994,520,163	0.00%	1.44%	-2.64%	86,409,035,966	2,844
UNITED MEXICAN STATES	SOV	7,270,321,362	0.00%	1.56%	-15.55%	61,119,162,603	6,723
REPUBLIC OF ITALY	SOV	7,068,171,301	0.00%	3.88%	-26.66%	151,678,890,324	6,032
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,486,718,017	0.00%	2.62%	9.65%	58,451,829,543	4,898
REPUBLIC OF TURKEY	SOV	4,704,723,862	0.00%	0.36%	-3.50%	56,816,408,400	5,190
FRENCH REPUBLIC	SOV	4,603,768,401	0.00%	-0.11%	-4.42%	40,060,834,661	1,432
REPUBLIC OF SOUTH AFRICA	SOV	4,518,023,394	0.00%	3.40%	-11.09%	51,186,475,905	5,407
KINGDOM OF SAUDI ARABIA	SOV	3,736,385,675	0.00%	0.12%	12.19%	25,659,790,989	1,727
REPUBLIC OF INDONESIA	SOV	3,564,172,916	0.00%	4.97%	-3.14%	43,113,000,833	3,310
REPUBLIC OF CHILE	SOV	3,436,510,592	0.00%	0.15%	42.29%	20,001,331,919	1,806
REPUBLIC OF COLOMBIA	SOV	3,082,341,104	0.00%	1.82%	-5.56%	25,320,949,854	3,606
JAPAN	SOV	3,051,266,778	0.00%	3.60%	-5.61%	18,026,492,636	1,321
COMMONWEALTH OF AUSTRALIA	SOV	2,538,161,015	0.00%	0.42%	-9.08%	15,366,717,960	619
FEDERAL REPUBLIC OF GERMANY	SOV	2,429,173,298	0.00%	0.41%	27.27%	12,953,029,665	474

Top 15 Corporate Reference Entities by Net Notional (Week Ending 01-20-2023)

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	4,441,444,645	0.00%	-0.27%	12.65%	18,986,695,732	2,189
VERIZON COMMUNICATIONS INC.	CORP	3,794,289,768	0.00%	0.47%	61.50%	16,528,567,372	1,667
BARCLAYS BANK PLC	CORP	3,444,587,346	0.00%	4.57%	3.31%	15,059,652,945	1,167
SOFTBANK GROUP CORP.	CORP	3,001,107,482	0.00%	1.94%	-10.68%	16,977,598,285	4,667
GENERAL ELECTRIC COMPANY	CORP	2,965,243,320	0.00%	0.17%	-12.71%	11,950,259,767	1,961
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	2,687,048,125	0.00%	4.33%	15.79%	23,480,330,385	2,350
NATURGY ENERGY GROUP, S.A.	CORP	2,659,901,930	0.00%	1.63%	7.24%	9,787,851,393	802
THE BOEING COMPANY	CORP	2,537,380,945	0.00%	-1.78%	-11.90%	10,578,564,343	1,550
ROLLS-ROYCE PLC	CORP	2,408,822,524	0.00%	1.47%	-16.08%	19,235,429,693	2,014
BP PLC	CORP	2,377,733,916	0.00%	1.63%	60.69%	17,699,605,366	1,536
THE GOLDMAN SACHS GROUP, INC.	CORP	2,367,486,714	0.00%	-1.09%	11.09%	12,923,569,834	1,204
BANK OF AMERICA CORPORATION	CORP	2,204,686,222	0.00%	1.76%	-2.25%	10,026,006,174	740
HSBC HOLDINGS PLC	CORP	2,143,261,160	0.00%	0.94%	12.63%	21,109,583,405	3,459
ANHEUSER-BUSCH INBEV	CORP	2,091,718,822	0.00%	3.21%	-8.07%	13,269,190,839	1,228
WALMART INC.	CORP	2,091,665,400	0.00%	0.05%	107.85%	8,805,549,375	636

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
UNITED STATES OF AMERICA	SOV	1,379,080,856	0.00%	130.35%	39.29%	3,510,472,884	187
RUSSIAN FEDERATION	SOV	26,800,000	0.00%	0.00%	-99.43%	55,600,000	20
REPUBLIC OF SOUTH AFRICA	SOV	4,518,023,394	0.00%	3.40%	-11.09%	51,186,475,905	5,407
STATE OF ISRAEL	SOV	249,980,484	0.00%	0.29%	14.41%	1,494,877,442	190
KINGDOM OF SPAIN	SOV	1,795,398,494	0.00%	0.89%	-22.97%	21,584,374,230	1,049
KINGDOM OF MOROCCO	SOV	87,250,000	0.00%	6.08%	62.33%	141,950,000	26
REPUBLIC OF THE PHILIPPINES	SOV	1,606,178,222	0.00%	4.89%	11.91%	18,690,609,381	1,814
UNITED KINGDOM OF GREAT BRITAIN AND NORT	SOV	1,064,564,408	0.00%	-0.77%	-18.99%	9,703,956,255	404
MALAYSIA	SOV	2,077,599,801	0.00%	3.36%	13.88%	23,320,267,340	1,710
REPUBLIC OF PERU	SOV	1,678,002,692	0.00%	2.85%	6.97%	11,892,303,837	1,579

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
UNILABS SUBHOLDING AB (PUBL)	CORP	119,052,119	0.00%	2.01%	-29.89%	781,849,552	242
CATERPILLAR FINANCIAL SERVICES CORPORATION	CORP	20,150,000	0.00%	0.00%	-51.85%	112,121,100	28
SANMINA CORPORATION	CORP	26,710,000	0.00%	0.00%	-60.92%	154,450,000	123
TELECOM ITALIA SPA	CORP	663,358,721	0.00%	0.39%	-17.42%	14,092,851,389	1,646
UNIVISION COMMUNICATIONS INC.	CORP	207,695,945	0.00%	2.11%	4.35%	969,076,675	501
TECK RESOURCES LIMITED	CORP	938,157,134	0.00%	1.31%	2.66%	4,764,699,934	885
CITIGROUP INC.	CORP	1,735,381,154	0.00%	3.33%	4.50%	7,393,270,720	723
BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	CORP	1,588,154,982	0.00%	2.30%	2.80%	15,258,751,053	1,664
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	2,687,048,125	0.00%	4.33%	15.79%	23,480,330,385	2,350
CREDIT SUISSE GROUP AG	CORP	1,865,989,860	0.00%	8.59%	62.05%	16,398,420,248	2,404

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	1,379,080,856	0.00%	130.35%	39.29%	3,510,472,884	187
REPUBLIC OF CROATIA	SOV	106,547,149	0.00%	-12.36%	2.26%	1,833,817,298	52
KINGDOM OF NORWAY	SOV	231,857,763	0.00%	9.81%	-9.93%	465,357,763	40
REPUBLIC OF POLAND	SOV	895,935,664	0.00%	8.52%	370.73%	2,499,905,074	428
ARAB REPUBLIC OF EGYPT	SOV	421,442,000	0.00%	-6.31%	37.50%	2,471,387,036	658
KINGDOM OF MOROCCO	SOV	87,250,000	0.00%	6.08%	62.33%	141,950,000	26
KINGDOM OF THAILAND	SOV	502,150,856	0.00%	5.11%	-22.95%	5,267,598,890	393
REPUBLIC OF INDONESIA	SOV	3,564,172,916	0.00%	4.97%	-3.14%	43,113,000,833	3,310
REPUBLIC OF THE PHILIPPINES	SOV	1,606,178,222	0.00%	4.89%	11.91%	18,690,609,381	1,814
REPUBLIC OF ITALY	SOV	7,068,171,301	0.00%	3.88%	-26.66%	151,678,890,324	6,032

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
FRONTIER COMMUNICATIONS HOLDINGS, LLC	CORP	24,500,000	0.00%	96.00%	0.00%	51,100,000	29
WEATHERFORD INTERNATIONAL LTD.	CORP	22,500,000	0.00%	55.17%	0.00%	39,600,000	22
THEARTCOMMUNICATIONS, INC.	CORP	24,500,000	0.00%	48.48%	0.00%	48,100,000	30
WOODSIDE ENERGY GROUP LTD.	CORP	73,328,184	0.00%	37.50%	0.00%	149,978,184	35
HILTON DOMESTIC OPERATING COMPANY INC.	CORP	33,850,000	0.00%	33.01%	0.00%	50,950,000	37
EQM MIDSTREAM PARTNERS, LP	CORP	30,250,000	0.00%	30.11%	0.00%	51,150,000	29
THE HERTZ CORPORATION	CORP	29,500,000	0.00%	25.53%	0.00%	51,600,000	28
EP INFRASTRUCTURE, A.S.	CORP	11,943,540	0.00%	24.68%	0.00%	20,086,864	16
INTERNATIONAL CONSOLIDATED AIRLINES GROUP, S.A.	CORP	51,300,764	0.00%	23.59%	-10.99%	232,928,346	97
CAESARS ENTERTAINMENT, INC.	CORP	34,500,000	0.00%	21.05%	0.00%	53,600,000	28