

## 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 <a href="https://www.dtcodala.com">www.dtcodala.com</a>.

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 <a href="https://www.dlcc.com/forms/dlcc-data-services-ods-kinetics">https://www.dlcc.com/forms/dlcc-data-services-ods-kinetics</a>. To learn more about additional product details and the entire DTCC Data Services suite of offerings visit <a href="https://www.dlccdata.com">www.dlcc.com/forms/dlcc-data-services-ods-kinetics</a>. To learn more about additional product details and the entire DTCC Data Services suite of offerings visit <a href="https://www.dlccdata.com">www.dlccdata.com</a>.

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

Top 15 Sovereign Reference Entities by Net Notional (Week Ending 09-22-2023)										
Reference Entity	Туре	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	8,909,878,305	-0.07%	-2.46%	-0.46%	88,555,663,013	3,319			
REPUBLIC OF ITALY	SOV	8,174,561,818	-2.09%	2.41%	-0.91%	138,718,227,722	5,076			
REPUBLIC OF KOREA	SOV	7,271,875,211	0.21%	-0.09%	-13.04%	84,227,706,239	2,571			
UNITED MEXICAN STATES	SOV	6,913,446,198	1.23%	-4.74%	-8.75%	59,070,245,396	6,288			
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,073,893,982	3.86%	0.53%	-10.96%	57,281,571,342	5,046			
REPUBLIC OF SOUTH AFRICA	SOV	5,207,483,884	2.39%	0.11%	19.99%	57,622,100,369	5,770			
KINGDOM OF SAUDI ARABIA	SOV	4,588,712,784	1.18%	3.89%	19.43%	31,417,963,229	1,778			
REPUBLIC OF TURKEY	SOV	4,376,664,903	0.89%	-3.54%	-7.66%	55,640,094,190	5,618			
FRENCH REPUBLIC	SOV	4,058,957,098	-2.57%	-2.58%	-15.18%	37,409,555,326	1,363			
UNITED STATES OF AMERICA	SOV	3,493,464,187	-3.06%	1.06%	249.14%	10,174,394,520	727			
JAPAN	SOV	3,409,437,212	0.55%	1.78%	6.32%	19,934,361,568	1,352			
REPUBLIC OF INDONESIA	SOV	3,036,864,112	-2.79%	-4.18%	-13.20%	44,193,467,335	3,336			
REPUBLIC OF COLOMBIA	SOV	3,029,212,620	0.39%	-0.71%	-1.73%	26,395,280,451	3,690			
COMMONWEALTH OF AUSTRALIA	SOV	2,546,171,121	0.14%	6.95%	-7.70%	14,603,922,476	591			
FEDERAL REPUBLIC OF GERMANY	SOV	2,524,599,142	4.44%	4.14%	7.17%	13,812,687,385	478			

Top 15 Corporate Reference Entities by Net Notional (Week Ending 09-22-2023)									
Reference Entity	Туре	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	5,251,435,404	-0.08%	-0.48%	7.32%	22,356,181,773	2,419		
BANK OF AMERICA CORPORATION	CORP	5,044,781,275	-0.27%	2.28%	115.24%	18,319,603,074	1,154		
VERIZON COMMUNICATIONS INC.	CORP	4,500,148,413	0.18%	1.13%	15.05%	20,603,084,746	2,386		
GENERAL ELECTRIC COMPANY	CORP	3,252,300,067	0.09%	-0.74%	6.45%	13,349,801,848	1,830		
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	3,169,018,407	3.09%	6.72%	19.93%	23,729,007,368	2,508		
BARCLAYS BANK PLC	CORP	2,778,085,403	-7.37%	-8.11%	-26.57%	13,347,611,597	1,292		
THE GOLDMAN SACHS GROUP, INC.	CORP	2,539,949,239	-0.45%	-0.87%	20.35%	12,403,154,506	1,171		
JPMORGAN CHASE & CO.	CORP	2,398,507,160	-0.09%	2.40%	8.41%	10,081,079,733	718		
WALMART INC.	CORP	2,343,460,000	2.88%	3.89%	21.22%	10,219,610,721	740		
SOFTBANK GROUP CORP.	CORP	2,338,281,301	-0.94%	0.28%	-28.14%	15,150,700,631	4,552		
DEUTSCHE BANK AKTIENGESELLSCHAFT	CORP	2,203,176,474	2.40%	-1.44%	31.86%	29,481,617,433	4,538		
UNITEDHEALTH GROUP INCORPORATED	CORP	2,179,090,400	0.62%	0.05%	62.60%	9,564,843,822	665		
CITIGROUP INC.	CORP	2,174,101,003	4.38%	10.91%	19.59%	9,241,335,730	842		
BNP PARIBAS	CORP	2,058,052,783	-1.29%	-2.09%	-12.70%	22,246,091,307	2,872		
MORGAN STANLEY	CORP	2,055,511,366	2.01%	4.17%	-5.55%	8,971,436,978	1,060		

Top 10 Sovereign Reference Entities by Net Notional Change vs 1 Week Ago									
Reference Entity	Туре	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		
HELLENIC REPUBLIC	SOV	903,449,323	11.06%	11.72%	-20.10%	13,102,569,630	1,343		
KINGDOM OF THAILAND	SOV	501,534,300	7.45%	10.90%	-0.42%	5,162,099,300	398		
REPUBLIC OF SLOVENIA	SOV	69,757,109	-7.45%	-7.45%	-3.65%	102,028,501	11		
DOMINICAN REPUBLIC	SOV	47,470,000	-7.41%	-23.77%	0.00%	257,770,000	83		
STATE OF QATAR	SOV	829,051,282	7.00%	-4.70%	-44.67%	7,803,297,790	686		
STATE OF ISRAEL	SOV	213,519,616	-6.77%	-6.77%	-24.32%	1,537,342,949	203		
KINGDOM OF MOROCCO	SOV	100,435,000	5.24%	9.25%	61.34%	341,285,000	69		
ARGENTINE REPUBLIC	SOV	299,280,000	5.15%	6.84%	11.52%	2,941,769,391	1,058		
FEDERAL REPUBLIC OF GERMANY	SOV	2,524,599,142	4.44%	4.14%	7.17%	13,812,687,385	478		
ARAB REPUBLIC OF EGYPT	SOV	566,938,850	4.01%	1.39%	33.63%	3,767,083,270	868		

Top 10 Corporate Reference Entities by Net Notional Change vs 1 Week Ago									
Reference Entity	Туре	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		
VUE ENTERTAINMENT INTERNATIONAL LIMITED	CORP	31,407,895	-68.87%	-69.29%	0.00%	95,730,121	82		
BRUNSWICK CORPORATION	CORP	3,871,235	-40.90%	-40.90%	-44.68%	7,742,470	10		
CHEVRON CORPORATION	CORP	242,400,000	20.09%	20.09%	19.94%	528,505,344	51		
MUNDYS S.P.A.	CORP	170,639,140	-19.10%	-23.20%	0.00%	2,758,734,802	564		
ALSTOM	CORP	683,342,436	-17.39%	-12.04%	-8.73%	5,255,845,475	694		
ESKOM HOLDINGS SOC LIMITED	CORP	148,630,000	-16.79%	-16.79%	-28.05%	945,061,066	89		
INEOS FINANCE PLC	CORP	7,449,979	16.63%	15.02%	0.00%	23,414,220	17		
ZF EUROPE FINANCE B.V.	CORP	24,054,919	14.10%	12.52%	28.56%	76,236,696	39		
UNITED UTILITIES PLC	CORP	205,861,125	-13.57%	-15.63%	7.77%	2,031,852,204	307		
TELIA COMPANY AB	CORP	354,113,381	-12.38%	-14.31%	-10.94%	4,018,038,967	456		

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DOMINICAN REPUBLIC	SOV	47,470,000	-7.41%	-23.77%	0.00%	257,770,000	83		
HELLENIC REPUBLIC	SOV	903,449,323	11.06%	11.72%	-20.10%	13,102,569,630	1,343		
KINGDOM OF THAILAND	SOV	501,534,300	7.45%	10.90%	-0.42%	5,162,099,300	398		
REPUBLIC OF CROATIA	SOV	64,011,868	0.20%	10.05%	-60.56%	1,036,582,661	39		
SOCIALIST REPUBLIC OF VIETNAM	SOV	336,600,000	1.51%	-9.31%	-12.21%	1,652,980,000	220		
KINGDOM OF MOROCCO	SOV	100,435,000	5.24%	9.25%	61.34%	341,285,000	69		
REPUBLIC OF SLOVENIA	SOV	69,757,109	-7.45%	-7.45%	-3.65%	102,028,501	11		
COMMONWEALTH OF AUSTRALIA	SOV	2,546,171,121	0.14%	6.95%	-7.70%	14,603,922,476	591		
ARGENTINE REPUBLIC	SOV	299,280,000	5.15%	6.84%	11.52%	2,941,769,391	1,058		
STATE OF ISRAEL	SOV	213,519,616	-6.77%	-6.77%	-24.32%	1,537,342,949	203		

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BROADCOM INC.	CORP	173,850,000	0.00%	1584.59%	0.00%	186,350,000	14		
CATERPILLAR FINANCIAL SERVICES CORPORATION	CORP	39,750,000	0.00%	169.49%	153.99%	175,738,400	27		
UBER TECHNOLOGIES, INC.	CORP	140,700,000	-1.05%	74.89%	471.95%	521,774,400	161		
VUE ENTERTAINMENT INTERNATIONAL LIMITED	CORP	31,407,895	-68.87%	-69.29%	0.00%	95,730,121	82		
ABBOTT LABORATORIES	CORP	257,795,121	0.00%	63.37%	428.33%	421,913,923	31		
BRUNSWICK CORPORATION	CORP	3,871,235	-40.90%	-40.90%	-44.68%	7,742,470	10		
TEMASEK HOLDINGS (PRIVATE) LIMITED	CORP	42,550,000	-2.63%	28.16%	0.00%	67,750,000	37		
ELI LILLY AND COMPANY	CORP	140,879,812	0.00%	27.06%	18.75%	244,747,211	34		
EG GLOBAL FINANCE PLC	CORP	130,971,694	1.62%	25.33%	256.11%	389,679,664	223		
SINGAPORE AIRLINES LIMITED	CORP	57,319,519	-0.03%	23.60%	20.96%	91,158,557	21		