

## 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.dtccdata.com">www.dtccdata.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.dloc.com/forms/dtc-data-services-ods-kinetics">https://www.dtc.com/forms/dtc-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.dtc-data.com">www.dtc-data.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 03-31-2023)										
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	8,617,223,877	-0.19%	-5.18%	-3.78%	83,941,116,200	3,626			
REPUBLIC OF ITALY	SOV	8,159,400,273	-0.79%	-1.38%	-12.05%	154,931,642,597	5,813			
REPUBLIC OF KOREA	SOV	8,070,427,189	-0.39%	4.06%	-14.79%	90,133,809,636	2,894			
UNITED MEXICAN STATES	SOV	7,189,737,427	-0.74%	-5.03%	-15.85%	63,555,350,911	6,874			
FEDERATIVE REPUBLIC OF BRAZIL	SOV	6,150,906,291	1.87%	-7.80%	-1.96%	59,232,851,992	5,252			
FRENCH REPUBLIC	SOV	5,013,792,121	0.62%	3.45%	-0.92%	41,292,789,053	1,485			
UNITED STATES OF AMERICA	SOV	5,000,296,580	2.28%	10.86%	426.51%	11,610,292,578	694			
REPUBLIC OF SOUTH AFRICA	SOV	4,507,505,223	6.09%	-3.70%	-12.74%	56,924,565,075	5,894			
REPUBLIC OF TURKEY	SOV	4,407,415,111	0.58%	-8.47%	-10.82%	58,364,444,169	5,341			
KINGDOM OF SAUDI ARABIA	SOV	4,158,743,175	-1.09%	-4.00%	22.45%	29,211,030,056	1,809			
REPUBLIC OF INDONESIA	SOV	3,492,049,243	-1.93%	-15.44%	-2.60%	46,472,949,039	3,511			
JAPAN	SOV	3,115,180,054	-0.47%	-1.37%	-2.99%	19,717,961,619	1,330			
REPUBLIC OF CHILE	SOV	3,006,939,134	-3.70%	0.84%	30.69%	21,803,477,636	1,968			
REPUBLIC OF COLOMBIA	SOV	2,985,207,953	3.30%	-7.62%	-9.65%	27,349,950,206	3,788			
COMMONWEALTH OF AUSTRALIA	SOV	2,608,158,478	2.06%	1.91%	-9.20%	16,300,275,619	604			

Top 15 Corporate Reference Entities by Net Notional (Week Ending 03-31-2023)										
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	4,665,825,943	-0.08%	2.31%	23.56%	20,847,588,888	2,191			
VERIZON COMMUNICATIONS INC.	CORP	4,102,064,137	0.46%	7.14%	61.20%	17,585,790,452	1,700			
BARCLAYS BANK PLC	CORP	3,440,101,442	1.45%	2.45%	12.79%	15,224,774,953	1,219			
BANK OF AMERICA CORPORATION	CORP	3,326,842,815	9.59%	39.43%	37.95%	13,217,478,914	940			
SOFTBANK GROUP CORP.	CORP	2,973,306,115	-1.44%	0.53%	-9.02%	17,895,837,968	4,954			
GENERAL ELECTRIC COMPANY	CORP	2,942,073,600	0.04%	-0.37%	-11.16%	12,173,694,120	1,966			
VOLKSWAGEN AKTIENGESELLSCHAFT	CORP	2,861,183,032	3.59%	5.57%	17.89%	24,301,659,771	2,476			
THE BOEING COMPANY	CORP	2,421,486,617	-3.17%	-5.40%	-10.06%	11,012,920,615	1,562			
THE GOLDMAN SACHS GROUP, INC.	CORP	2,391,750,755	-0.56%	-2.05%	12.12%	14,082,538,693	1,297			
ROLLS-ROYCE PLC	CORP	2,354,503,623	-0.72%	1.19%	-14.91%	19,157,197,317	1,958			
WALMART INC.	CORP	2,305,595,200	-2.01%	2.41%	120.02%	9,922,176,415	694			
BP P.L.C.	CORP	2,285,312,824	0.81%	-2.93%	37.82%	19,561,518,646	1,662			
THE PROCTER & GAMBLE COMPANY	CORP	2,169,507,258	-1.88%	1.49%	58.20%	8,840,596,805	660			
BNP PARIBAS	CORP	2,149,513,510	8.57%	6.60%	1.82%	23,167,873,302	2,935			
HSBC HOLDINGS PLC	CORP	2,148,382,822	6.03%	4.67%	9.47%	21,986,224,897	3,680			

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		
DOMINICAN REPUBLIC	SOV	47,600,000	164.44%	0.00%	0.00%	86,400,000	22		
STATE OF ISRAEL	SOV	276,666,667	7.18%	7.80%	32.09%	1,708,807,794	209		
REPUBLIC OF SOUTH AFRICA	SOV	4,507,505,223	6.09%	-3.70%	-12.74%	56,924,565,075	5,894		
ARGENTINE REPUBLIC	SOV	247,004,489	5.11%	4.54%	-43.81%	2,785,111,958	1,016		
REPUBLIC OF CROATIA	SOV	107,704,799	-5.06%	-11.98%	-19.86%	1,842,636,363	54		
KINGDOM OF THAILAND	SOV	514,909,300	-4.91%	-1.19%	-20.95%	5,537,699,300	430		
REPUBLIC OF CHILE	SOV	3,006,939,134	-3.70%	0.84%	30.69%	21,803,477,636	1,968		
ARAB REPUBLIC OF EGYPT	SOV	437,861,495	-3.65%	-8.07%	38.98%	2,986,536,467	708		
REPUBLIC OF PANAMA	SOV	611,478,171	-3.48%	-17.91%	26.61%	3,970,924,734	750		
REPUBLIC OF COLOMBIA	SOV	2,985,207,953	3.30%	-7.62%	-9.65%	27,349,950,206	3,788		

Top 10 Corporate Reference Entities by Net Notional Change vs 1 Week Ago									
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PANASONIC HOLDINGS CORPORATION	CORP	41,442,715	103.43%	0.00%	0.00%	143,731,352	34		
ADECCO GROUP AG	CORP	166,542,284	28.78%	-0.12%	44.33%	1,394,843,278	183		
GFL ENVIRONMENTAL INC.	CORP	19,000,000	26.67%	0.00%	0.00%	27,000,000	12		
ZF EUROPE FINANCE B.V.	CORP	12,578,060	23.03%	1.96%	-16.79%	61,395,275	29		
SPRINT COMMUNICATIONS LLC	CORP	108,173,196	22.77%	40.82%	0.00%	299,713,196	72		
DISH DBS CORPORATION	CORP	510,295,634	20.03%	-0.65%	-19.59%	2,463,059,379	856		
FIRST DATA CORPORATION	CORP	60,350,000	-18.83%	-18.83%	-27.38%	238,240,000	81		
STONEGATE PUB COMPANY FINANCING									
LIMITED	CORP	112,413,274	17.80%	98.31%	0.00%	344,259,555	126		
CONSTELLIUM SE	CORP	178,706,919	17.30%	17.50%	-0.46%	1,222,593,147	371		
GENWORTH HOLDINGS, INC.	CORP	162,228,528	17.22%	1.59%	-9.40%	1,062,333,798	357		

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ROMANIA	SOV	234,174,000	0.00%	29.15%	13.79%	1,027,897,906	221		
REPUBLIC OF POLAND	SOV	803,975,338	1.51%	-18.65%	211.95%	2,383,705,538	456		
REPUBLIC OF PANAMA	SOV	611,478,171	-3.48%	-17.91%	26.61%	3,970,924,734	750		
REPUBLIC OF INDONESIA	SOV	3,492,049,243	-1.93%	-15.44%	-2.60%	46,472,949,039	3,511		
REPUBLIC OF CROATIA	SOV	107,704,799	-5.06%	-11.98%	-19.86%	1,842,636,363	54		
HELLENIC REPUBLIC	SOV	817,983,310	0.00%	-11.53%	-54.10%	13,735,544,747	1,491		
UNITED STATES OF AMERICA	SOV	5,000,296,580	2.28%	10.86%	426.51%	11,610,292,578	694		
REPUBLIC OF SLOVENIA	SOV	84,900,000	0.00%	9.69%	144.70%	166,573,721	20		
REPUBLIC OF TURKEY	SOV	4,407,415,111	0.58%	-8.47%	-10.82%	58,364,444,169	5,341		
ARAB REPUBLIC OF EGYPT	SOV	437,861,495	-3.65%	-8.07%	38.98%	2,986,536,467	708		

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STONEGATE PUB COMPANY FINANCING									
LIMITED	CORP	112,413,274	17.80%	98.31%	0.00%	344,259,555	126		
VOLVO CAR AB	CORP	166,301,884	5.78%	93.78%	51.00%	725,841,151	210		
ALCATEL LUCENT	CORP	3,686,037	0.76%	-56.12%	-77.17%	37,727,670	10		
ASHLAND INC.	CORP	60,070,000	-1.64%	49.55%	0.00%	155,869,402	52		
GECINA	CORP	32,523,852	0.76%	-49.02%	-1.29%	52,038,161	10		
INTERNATIONAL CONSOLIDATED AIRLINES									
GROUP, S.A.	CORP	78,434,522	0.76%	43.94%	20.98%	306,967,706	130		
EIDP, INC.	CORP	207,488,800	14.87%	43.36%	0.00%	710,809,600	90		
NATURGY ENERGY GROUP, S.A.	CORP	1,455,557,839	1.88%	-43.03%	-37.08%	9,163,445,508	861		
SPRINT COMMUNICATIONS LLC	CORP	108,173,196	22.77%	40.82%	0.00%	299,713,196	72		
NUCOR CORPORATION	CORP	16,810,000	0.00%	-39.70%	-70.35%	206,370,000	29		