

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	3,747	1,274	194.11%	0	0	0.0%	36,852	14,349	156.8%
10-YR Eris SOFR	0	0	0.0%	46	0	0.00%	0	0	0.0%	611	150	307.3%
10-YR MAC LIBOR	0	0	0.0%	5,870	19,839	-70.41%	0	0	0.0%	130,175	407,179	-68.0%
10-YR NOTE	0	0	0.0%	42,281,896	43,251,716	-2.24%	0	0	0.0%	311,228,410	314,667,334	-1.1%
10Y YIELD	0	0	0.0%	94,753	122,254	-22.49%	0	0	0.0%	787,263	122,254	544.0%
15-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	281	0	0.0%
1-YR Eris BSBY	0	-	-	300	-	-	0	-	-	1,600	-	-
1-YR Eris SOFR	0	0	0.0%	4,202	124,070	-96.61%	0	0	0.0%	192,530	609,348	-68.4%
20-YR BOND	0	-	-	3,934	-	-	0	-	-	27,999	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	1,356	2,100	-35.43%	0	0	0.0%	77,947	14,606	433.7%
2-YR Eris SOFR	0	0	0.0%	3,232	2,200	46.91%	0	0	0.0%	88,921	23,820	273.3%
2-YR NOTE	0	0	0.0%	18,527,001	12,148,302	52.51%	0	0	0.0%	110,300,588	69,907,419	57.8%
2Y YIELD	0	0	0.0%	5,860	4,875	20.21%	0	0	0.0%	60,656	4,875	1,144.2%
30-YR BOND	0	0	0.0%	9,229,059	10,283,774	-10.26%	0	0	0.0%	65,964,716	75,866,736	-13.1%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	185	0	0.0%
30-YR SWAP RATE	0	0	0.0%	0	10	-100.00%	0	0	0.0%	304	10	2,940.0%
30Y YIELD	0	0	0.0%	6,891	830	730.24%	0	0	0.0%	81,683	830	9,741.3%
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	2,282	2,218	2.89%	0	0	0.0%	49,178	18,459	166.4%
3-YR Eris SOFR	0	0	0.0%	1,975	760	159.87%	0	0	0.0%	25,687	9,683	165.3%
3-YR NOTE	0	0	0.0%	342,085	207,846	64.59%	0	0	0.0%	2,792,283	1,404,533	98.8%
4-YR Eris LIBOR	0	0	0.0%	1,656	2,500	-33.76%	0	0	0.0%	28,704	17,981	59.6%
4-YR Eris SOFR	0	0	0.0%	280	0	0.00%	0	0	0.0%	4,949	3,650	35.6%
5-YR Eris LIBOR	0	0	0.0%	19,638	10,320	90.29%	0	0	0.0%	192,258	171,598	12.0%
5-YR Eris SOFR	0	0	0.0%	1,436	640	124.38%	0	0	0.0%	17,862	2,495	615.9%
5-YR MAC LIBOR	0	0	0.0%	31,294	25,513	22.66%	0	0	0.0%	251,511	382,345	-34.2%
5-YR NOTE	0	0	0.0%	33,492,353	27,831,276	20.34%	0	0	0.0%	219,392,204	183,155,470	19.8%
5Y YIELD	0	0	0.0%	325	2,741	-88.14%	0	0	0.0%	20,778	2,741	658.0%
7-YR Eris LIBOR	0	0	0.0%	2,575	1,097	134.73%	0	0	0.0%	20,806	16,667	24.8%
7-YR Eris SOFR	0	-	-	0	-	-	0	-	-	199	-	-
BSBY 3-MONTH FUTURES	0	0	0.0%	34,249	1,953	1,653.66%	0	0	0.0%	491,481	1,953	25,065.4%
EURODOLLARS	327,406	417,959	-21.7%	26,462,713	40,042,809	-33.91%	6,022,325	3,341,696	80.2%	313,023,550	385,385,684	-18.8%
FED FUND	0	0	0.0%	6,125,181	1,268,321	382.94%	0	0	0.0%	56,934,201	14,422,085	294.8%
SOFR	138,690	0	0.0%	43,487,351	2,711,084	1,504.06%	385,845	0	0.0%	252,365,900	18,864,454	1,237.8%
SONIA	0	0	0.0%	0	37,166	-100.00%	0	0	0.0%	1,293	758,269	-99.8%
TIIE	0	0	0.0%	100	364	-72.53%	0	0	0.0%	757	447	69.4%

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Interest Rate Futures												
Ultra 10-Year Note	0	0	0.0%	9,175,758	9,652,173	-4.94%	0	0	0.0%	63,588,501	60,505,196	5.1%
ULTRA T-BOND	0	0	0.0%	6,808,953	6,340,693	7.38%	0	0	0.0%	38,151,395	37,697,977	1.2%
Interest Rate Options												
10-YR NOTE	0	0	0.0%	12,563,291	13,394,374	-6.20%	0	0	0.0%	106,508,365	107,358,631	-0.8%
2-YR NOTE	0	0	0.0%	134,515	17,299	677.59%	0	0	0.0%	432,973	109,127	296.8%
30-YR BOND	0	0	0.0%	2,129,275	2,258,246	-5.71%	0	0	0.0%	19,419,731	21,730,080	-10.6%
5-YR NOTE	0	0	0.0%	4,420,491	2,367,094	86.75%	0	0	0.0%	40,229,168	24,855,930	61.8%
EURODOLLARS	3,468,802	1,709,071	103.0%	3,041,169	892,729	240.66%	65,642,966	20,302,391	223.3%	28,244,016	10,448,504	170.3%
EURO MIDCURVE	1,604,394	10,294,746	-84.4%	944,158	4,466,659	-78.86%	38,752,819	84,890,587	-54.3%	19,986,079	42,093,139	-52.5%
FED FUND	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	0	0.0%
SOFR	5,897,964	0	0.0%	2,411,026	50	4,821,952.00%	17,490,698	7,000	249,767.1%	7,113,049	1,342	529,933.5%
SOFR MIDCURVE	1,800,799	0	0.0%	851,565	0	0.00%	5,304,337	0	0.0%	2,100,316	60	3,500,426.7%
Ultra 10-Year Note	0	0	0.0%	0	0	0.00%	0	0	0.0%	747	46	1,523.9%
ULTRA T-BOND	0	0	0.0%	1,194	1,096	8.94%	0	0	0.0%	19,406	5,170	275.4%
Equity Index Futures												
BITCOIN	0	0	0.0%	211,565	141,804	49.20%	0	0	0.0%	1,599,146	1,721,104	-7.1%
DJ US REAL ESTATE SECTOR	0	0	0.0%	25,712	22,002	16.86%	0	0	0.0%	268,045	239,220	12.0%
E-mini (\$5) Dow	0	0	0.0%	3,771,826	2,970,575	26.97%	0	0	0.0%	34,343,445	28,428,753	20.8%
E-mini FTSE China 50	0	0	0.0%	64	211	-69.67%	0	0	0.0%	6,905	347	1,889.9%
E-MINI MIDCAP	0	0	0.0%	249,829	190,673	31.02%	0	0	0.0%	2,608,058	1,948,413	33.9%
E-MINI NASDAQ 100	0	0	0.0%	13,970,283	10,421,341	34.05%	0	0	0.0%	115,381,114	89,223,370	29.3%
E-MINI RUSSELL 1000	0	0	0.0%	1,011	2,673	-62.18%	0	0	0.0%	23,098	31,141	-25.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,578	1,169	34.99%	0	0	0.0%	35,559	20,788	71.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,209	2,439	72.57%	0	0	0.0%	61,972	60,329	2.7%
E-MINI RUSSELL 2000	0	0	0.0%	4,140,664	3,636,736	13.86%	0	0	0.0%	39,026,152	31,951,522	22.1%
E-MINI S&P500	0	0	0.0%	38,337,308	24,895,767	53.99%	0	0	0.0%	314,302,767	257,117,463	22.2%
E-MINI S&P500 ESG	0	0	0.0%	14,920	5,667	163.28%	0	0	0.0%	192,830	97,600	97.6%
ETHER	0	-	-	2	-	-	0	-	-	2	-	-
ETHER FUTURES	0	0	0.0%	141,801	95,197	48.96%	0	0	0.0%	1,028,588	429,829	139.3%
FT-SE 100	0	0	0.0%	60	0	0.00%	0	0	0.0%	1,304	191	582.7%
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	30	391	-92.33%	0	0	0.0%	475	1,639	-71.0%

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Equity Index Futures												
MICRO BITCOIN	0	0	0.0%	202,989	295,595	-31.33%	0	0	0.0%	2,766,482	1,723,356	60.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	28,667,304	16,000,710	79.16%	0	0	0.0%	251,083,283	154,367,071	62.7%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,926,648	2,756,828	-30.11%	0	0	0.0%	23,477,697	24,831,651	-5.5%
MICRO E-MINI S&P500	0	0	0.0%	26,196,251	13,547,604	93.36%	0	0	0.0%	222,300,686	141,543,317	57.1%
MICRO ETHER	0	-	-	405,639	-	-	0	-	-	3,422,934	-	-
MICRO MINI \$5 DOW	0	0	0.0%	2,546,298	2,170,745	17.30%	0	0	0.0%	31,737,754	20,670,204	53.5%
NASDAQ-100 VOLATILITY	0	0	0.0%	88	6	1,366.67%	0	0	0.0%	18,429	62	29,624.2%
NASDAQ BIOTECH SECTOR	0	0	0.0%	100	286	-65.03%	0	0	0.0%	1,369	4,633	-70.5%
Nearby BTIC+	0	0	0.0%	300	0	0.00%	0	0	0.0%	4,450	356	1,150.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	82,865	94,278	-12.11%	0	0	0.0%	934,974	967,252	-3.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	578,657	502,039	15.26%	0	0	0.0%	6,289,001	4,978,689	26.3%
PHLX SEMICONDUCTOR SECT	0	-	-	26	-	-	0	-	-	26	-	-
S&P 500	0	0	0.0%	8	768	-98.96%	0	0	0.0%	1,825	12,519	-85.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	16,277	4,789	239.88%	0	0	0.0%	233,813	114,080	105.0%
S&P 500/GI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	1,926	0	0.00%	0	0	0.0%	11,787	724	1,528.0%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P BIOTECHNOLOGY SECTO	0	-	-	5,807	-	-	0	-	-	5,807	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,725	1,147	50.39%	0	0	0.0%	25,000	20,366	22.8%
S&P CONSUMER DISCRETION	0	0	0.0%	3,217	4,598	-30.03%	0	0	0.0%	53,354	74,646	-28.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,502	10,201	32.36%	0	0	0.0%	123,502	128,337	-3.8%
S&P ENERGY SECTOR	0	0	0.0%	30,228	17,608	71.67%	0	0	0.0%	351,412	209,878	67.4%
S&P FINANCIAL SECTOR	0	0	0.0%	8,859	12,144	-27.05%	0	0	0.0%	184,451	250,148	-26.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,671	8,465	-21.19%	0	0	0.0%	141,794	108,155	31.1%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,646	5,958	11.55%	0	0	0.0%	101,413	81,997	23.7%
S&P MATERIALS SECTOR	0	0	0.0%	5,655	5,422	4.30%	0	0	0.0%	61,913	67,077	-7.7%
S&P OIL & GAS EXPLORATION	0	-	-	3,134	-	-	0	-	-	3,134	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	1,135	1,502	-24.43%	0	0	0.0%	30,275	29,433	2.9%
S&P REGIONAL BANKS SECTO	0	-	-	287	-	-	0	-	-	287	-	-
S&P RETAIL SECTOR	0	-	-	1,787	-	-	0	-	-	1,787	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	9,269	6,063	52.88%	0	0	0.0%	140,598	87,434	60.8%
S&P UTILITIES SECTOR	0	0	0.0%	11,988	14,122	-15.11%	0	0	0.0%	130,953	115,523	13.4%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	0	0.0%	25	67	-62.69%	0	0	0.0%	592	925	-36.0%
YEN DENOMINATED TOPIX	0	0	0.0%	2,558	3,873	-33.95%	0	0	0.0%	18,196	13,710	32.7%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	1,747	831	110.23%	0	0	0.0%	11,298	9,039	25.0%
E-mini (\$5) Dow	0	0	0.0%	1,706	1,141	49.52%	0	0	0.0%	17,952	11,286	59.1%
E-MINI NASDAQ 100	0	0	0.0%	892,403	614,763	45.16%	0	0	0.0%	7,860,966	4,383,348	79.3%
E-mini Russell 2000	0	0	0.0%	79,252	112,150	-29.33%	0	0	0.0%	864,149	709,836	21.7%
E-MINI RUSSELL 2000	0	0	0.0%	31,256	33,490	-6.67%	0	0	0.0%	257,899	227,863	13.2%
E-mini S&P 500	0	0	0.0%	9,551,042	6,561,128	45.57%	0	0	0.0%	86,644,099	52,891,876	63.8%
E-MINI S&P500	0	0	0.0%	11,050,744	5,988,691	84.53%	0	0	0.0%	81,628,426	45,744,056	78.4%
EOM S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,156	-100.0%
MICRO BITCOIN	0	-	-	12,832	-	-	0	-	-	52,141	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	33,182	29,009	14.39%	0	0	0.0%	355,334	206,988	71.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	10,075	6,633	51.89%	0	0	0.0%	97,547	42,636	128.8%
Micro E-mini S&P 500	0	0	0.0%	193,756	145,485	33.18%	0	0	0.0%	1,861,669	1,123,218	65.7%
MICRO ETHER	0	-	-	95,795	-	-	0	-	-	143,414	-	-
S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	200	-100.0%

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Metals Futures												
ALUMINUM	0	0	0.0%	41,928	22,825	83.69%	0	0	0.0%	215,654	89,909	139.9%
COBALT METAL FUTURES	0	0	0.0%	1	0	0.00%	0	0	0.0%	14	12	16.7%
COMEX COPPER	0	0	0.0%	2,098,957	2,077,481	1.03%	0	0	0.0%	14,046,828	18,081,566	-22.3%
COMEX E-Mini GOLD	0	0	0.0%	22,372	18,653	19.94%	0	0	0.0%	237,972	179,414	32.6%
COMEX E-Mini SILVER	0	0	0.0%	3,505	3,528	-0.65%	0	0	0.0%	30,734	52,229	-41.2%
COMEX GOLD	0	0	0.0%	3,359,403	3,835,414	-12.41%	0	0	0.0%	36,146,333	40,363,812	-10.4%
COMEX MINY COPPER	0	0	0.0%	3,792	5,514	-31.23%	0	0	0.0%	29,098	34,020	-14.5%
COMEX SILVER	0	0	0.0%	1,546,596	1,664,002	-7.06%	0	0	0.0%	11,201,632	14,201,509	-21.1%
COPPER	0	0	0.0%	71,907	0	0.00%	0	0	0.0%	279,043	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	404	327	23.55%	0	0	0.0%	3,484	6,214	-43.9%
GOLD	0	0	0.0%	3,720	9,648	-61.44%	0	0	0.0%	56,286	42,957	31.0%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	896	116	672.41%	0	0	0.0%	5,182	1,207	329.3%
IRON ORE 62 CHINA TSI FUTU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	2	-100.00%	0	0	0.0%	0	16	-100.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	51	0	0.0%
MICRO GOLD	0	0	0.0%	922,779	1,040,838	-11.34%	0	0	0.0%	8,691,382	9,913,227	-12.3%
NYMEX HOT ROLLED STEEL	0	0	0.0%	6,322	2,377	165.97%	0	0	0.0%	39,462	33,576	17.5%
NYMEX PLATINUM	0	0	0.0%	364,557	295,245	23.48%	0	0	0.0%	3,150,602	2,769,429	13.8%
PALLADIUM	0	0	0.0%	54,757	68,955	-20.59%	0	0	0.0%	363,915	372,362	-2.3%
SILVER	0	0	0.0%	142,533	152,257	-6.39%	0	0	0.0%	1,276,723	1,739,956	-26.6%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	24	465	-94.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Metals Options												
ALUMINUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
COMEX COPPER	0	0	0.0%	60,005	38,449	56.06%	0	0	0.0%	464,512	330,676	40.5%
COMEX GOLD	0	0	0.0%	519,822	510,716	1.78%	0	0	0.0%	5,865,524	4,682,737	25.3%
COMEX SILVER	0	0	0.0%	75,629	91,720	-17.54%	0	0	0.0%	772,167	1,163,477	-33.6%
COPPER	0	0	0.0%	2,345	43	5,353.49%	0	0	0.0%	10,537	167	6,209.6%
GOLD	0	0	0.0%	182,653	147,516	23.82%	0	0	0.0%	1,643,944	1,272,883	29.2%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	250	270	-7.41%	0	0	0.0%	4,052	4,028	0.6%
PALLADIUM	0	0	0.0%	12	12	0.00%	0	0	0.0%	123	666	-81.5%
SILVER	0	0	0.0%	18,684	14,771	26.49%	0	0	0.0%	142,464	79,612	78.9%
Energy Futures												
3.5% FUEL OIL CID MED SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,315,537	1,888,623	-30.34%	0	0	0.0%	11,790,728	16,104,668	-26.8%
CAR VINTAGE	0	0	0.0%	11,277	8,379	34.59%	0	0	0.0%	48,615	8,719	457.6%
CHICAGO ETHANOL SWAP	0	0	0.0%	168	1,416	-88.14%	0	0	0.0%	1,220	2,196	-44.4%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CIG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
COLUMB GULF MAINLINE NG E	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	74	24	208.3%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	20,199,682	20,048,190	0.76%	0	0	0.0%	163,341,232	163,482,284	-0.1%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	0	26,137	-100.00%	0	0	0.0%	10,828	359,309	-97.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWY DIESE	0	0	0.0%	12	0	0.00%	0	0	0.0%	12	1	1,100.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EMMISSIONS	0	-	-	5,419	-	-	0	-	-	14,946	-	-
ETHANOL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	262	-100.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN GASOIL (ICE)	0	0	0.0%	10	14	-28.57%	0	0	0.0%	2,377	356	567.7%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GERMAN POWER BASELOAD	0	0	0.0%	0	36	-100.00%	0	0	0.0%	0	84	-100.0%
GROUP THREE UNLEAD GAS (-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND A	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,216,566	3,393,461	-5.21%	0	0	0.0%	26,097,550	23,330,206	11.9%
HENRY HUB BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	0	0	0.0%	32	0	0.00%	0	0	0.0%	1,274	31	4,009.7%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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Energy Futures												
INDONESIAN COAL ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LOS ANGELES CARB GASOLIN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LTD NAT GAS	0	0	0.0%	202,150	237,723	-14.96%	0	0	0.0%	1,944,105	1,740,680	11.7%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	229	1,449	-84.20%	0	0	0.0%	5,846	18,124	-67.7%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	84	-100.00%	0	0	0.0%	0	165	-100.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	10	8	25.00%	0	0	0.0%	67	52	28.8%
MINY NATURAL GAS	0	0	0.0%	384,388	126,257	204.45%	0	0	0.0%	2,627,251	887,760	195.9%
MINY RBOB GAS	0	0	0.0%	14	9	55.56%	0	0	0.0%	74	72	2.8%
MINY WTI CRUDE OIL	0	0	0.0%	648,067	494,506	31.05%	0	0	0.0%	5,050,786	3,393,222	48.8%
MJC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	45	105	-57.14%	0	0	0.0%	310	325	-4.6%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	63	125	-49.60%	0	0	0.0%	230	297	-22.6%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	43	0	0.00%	0	0	0.0%	86	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	10	-100.00%	0	0	0.0%	0	10	-100.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
NATURAL GAS	0	0	0.0%	28,502	51,496	-44.65%	0	0	0.0%	361,056	366,105	-1.4%
NATURAL GAS PEN SWP	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	110	-100.0%
NATURAL GAS PHY	0	0	0.0%	5,730,754	8,117,751	-29.40%	0	0	0.0%	57,929,235	61,739,423	-6.2%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	33	3	1,000.00%	0	0	0.0%	64	24	166.7%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD BALMO	0	-	-	0	-	-	0	-	-	0	-	-
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,152,080	4,624,196	-31.84%	0	0	0.0%	28,258,857	30,906,700	-8.6%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	-	-	0	-	-	0	-	-	0	-	-
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Energy Futures												
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WAHA BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI MIDLAND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
Energy Options												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	3,833	3,356	14.21%	0	0	0.0%	20,988	26,539	-20.9%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	502	0	0.00%	0	0	0.0%	31,213	42,180	-26.0%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	1,940,365	2,075,182	-6.50%	0	0	0.0%	16,887,042	15,223,485	10.9%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	-	-	0	-	-	0	-	-	0	-	-
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Options												
HEATING OIL PHY	0	0	0.0%	1,881	2,919	-35.56%	0	0	0.0%	19,377	15,542	24.7%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0.00%	0	0	0.0%	106	40	165.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKY RCH BAY COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	-	-	354	-	-	0	-	-	3,935	-	-
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	2,400	-100.00%	0	0	0.0%	5,200	6,650	-21.8%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	800	200	300.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	932,006	1,849,165	-49.60%	0	0	0.0%	8,315,247	10,224,436	-18.7%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	380	29	1,210.34%	0	0	0.0%	1,330	589	125.8%
PETROCHEMICALS	0	0	0.0%	1	0	0.00%	0	0	0.0%	12	60	-80.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	883	2,009	-56.05%	0	0	0.0%	8,399	18,182	-53.8%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	175	0	0.00%	0	0	0.0%	8,145	7,100	14.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	50	-100.00%	0	0	0.0%	271	950	-71.5%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	17	2	750.00%	0	0	0.0%	352	148	137.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Futures												
AD/JY CROSS RATES	0	0	0.0%	2,760	1,925	43.38%	0	0	0.0%	38,096	17,023	123.8%
AD/NE CROSS RATES	0	0	0.0%	2,306	717	221.62%	0	0	0.0%	14,826	2,003	640.2%
AUSTRALIAN DOLLAR	0	0	0.0%	2,000,439	1,645,519	21.57%	0	0	0.0%	16,247,327	16,311,741	-0.4%
BP/JY CROSS RATES	0	0	0.0%	2,791	2,076	34.44%	0	0	0.0%	28,160	19,223	46.5%
BP/SF CROSS RATES	0	0	0.0%	1,663	1,003	65.80%	0	0	0.0%	14,144	5,242	169.8%
BRAZIL REAL	0	0	0.0%	249,316	277,599	-10.19%	0	0	0.0%	2,250,765	1,928,430	16.7%
BRITISH POUND	0	0	0.0%	2,415,490	1,588,222	52.09%	0	0	0.0%	18,531,315	15,395,349	20.4%
CANADIAN DOLLAR	0	0	0.0%	1,775,728	1,501,279	18.28%	0	0	0.0%	14,305,385	13,056,643	9.6%
CD/JY CROSS RATES	0	0	0.0%	3	253	-98.81%	0	0	0.0%	272	1,364	-80.1%
CHINESE RENMINBI (CNH)	0	0	0.0%	24,825	15,564	59.50%	0	0	0.0%	203,875	129,995	56.8%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	19	2	850.0%
CZECK KORUNA (US)	0	0	0.0%	0	0	0.00%	0	0	0.0%	18	5	260.0%
EC/AD CROSS RATES	0	0	0.0%	4,058	1,873	116.66%	0	0	0.0%	39,665	33,653	17.9%
EC/CD CROSS RATES	0	0	0.0%	4,298	2,639	62.86%	0	0	0.0%	62,744	49,305	27.3%
EC/NOK CROSS RATES	0	0	0.0%	959	161	495.65%	0	0	0.0%	9,421	4,131	128.1%
EC/SEK CROSS RATES	0	0	0.0%	3,634	101	3,498.02%	0	0	0.0%	18,478	4,374	322.5%
EFX/BP CROSS RATES	0	0	0.0%	62,119	29,186	112.84%	0	0	0.0%	692,536	401,750	72.4%
EFX/JY CROSS RATES	0	0	0.0%	27,992	15,351	82.35%	0	0	0.0%	420,508	276,827	51.9%
EFX/SF CROSS RATES	0	0	0.0%	20,654	15,200	35.88%	0	0	0.0%	312,221	161,883	92.9%
E-MICRO USD/CAD	0	0	0.0%	50	100	-50.00%	0	0	0.0%	1,735	252	588.5%
E-MICRO USD/CHF	0	0	0.0%	33	17	94.12%	0	0	0.0%	644	29	2,120.7%
E-MICRO USD/JPY	0	0	0.0%	2,411	9	26,688.89%	0	0	0.0%	148,344	9	1,648,166.7%
E-MINI EURO FX	0	0	0.0%	169,440	76,370	121.87%	0	0	0.0%	1,145,385	992,307	15.4%
E-MINI JAPANESE YEN	0	0	0.0%	17,648	9,115	93.61%	0	0	0.0%	83,175	71,929	15.6%
EURO FX	0	0	0.0%	4,999,374	2,900,806	72.34%	0	0	0.0%	37,540,672	31,252,269	20.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	2	11	-81.82%	0	0	0.0%	38	137	-72.3%
INDIAN RUPEE	0	0	0.0%	31,072	10,049	209.20%	0	0	0.0%	183,433	107,880	70.0%
JAPANESE YEN	0	0	0.0%	3,655,597	1,958,118	86.69%	0	0	0.0%	24,105,582	17,062,871	41.3%
KOREAN WON	0	0	0.0%	200	383	-47.78%	0	0	0.0%	2,623	10,951	-76.0%
MEXICAN PESO	0	0	0.0%	1,045,472	969,802	7.80%	0	0	0.0%	8,912,578	8,655,033	3.0%
MICRO AUD/USD	0	0	0.0%	241,468	166,180	45.31%	0	0	0.0%	2,077,650	1,685,694	23.3%
MICRO CAD/USD	0	0	0.0%	49,861	60,041	-16.96%	0	0	0.0%	458,300	437,065	4.9%
MICRO CHF/USD	0	0	0.0%	17,658	7,044	150.68%	0	0	0.0%	131,962	69,867	88.9%
MICRO EUR/USD	0	0	0.0%	833,954	378,855	120.12%	0	0	0.0%	5,975,266	3,916,474	52.6%
MICRO GBP/USD	0	0	0.0%	110,406	64,643	70.79%	0	0	0.0%	785,537	577,692	36.0%
MICRO INR/USD	0	0	0.0%	433	1,130	-61.68%	0	0	0.0%	5,830	14,781	-60.6%
MICRO JPY/USD	0	0	0.0%	0	31,784	-100.00%	0	0	0.0%	101,719	260,496	-61.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Futures												
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	671,643	613,492	9.48%	0	0	0.0%	4,810,149	4,776,152	0.7%
NKR/USD CROSS RATE	0	0	0.0%	2,010	3,325	-39.55%	0	0	0.0%	22,765	36,621	-37.8%
POLISH ZLOTY (EC)	0	0	0.0%	18	32	-43.75%	0	0	0.0%	1,008	968	4.1%
POLISH ZLOTY (US)	0	0	0.0%	429	363	18.18%	0	0	0.0%	9,971	6,584	51.4%
RMB USD	0	0	0.0%	4	1	300.00%	0	0	0.0%	19	3	533.3%
RUSSIAN RUBLE	0	0	0.0%	78	102,943	-99.92%	0	0	0.0%	576,744	786,342	-26.7%
S.AFRICAN RAND	0	0	0.0%	70,996	65,412	8.54%	0	0	0.0%	727,428	427,478	70.2%
SF/JY CROSS RATES	0	0	0.0%	330	38	768.42%	0	0	0.0%	4,445	215	1,967.4%
SHEKEL	0	0	0.0%	10	1	900.00%	0	0	0.0%	108	16	575.0%
SKR/USD CROSS RATES	0	0	0.0%	4,275	5,852	-26.95%	0	0	0.0%	47,437	36,602	29.6%
SWISS FRANC	0	0	0.0%	542,057	437,440	23.92%	0	0	0.0%	4,223,550	3,820,337	10.6%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	8	-100.0%
USDZAR	0	0	0.0%	0	4	-100.00%	0	0	0.0%	31	64	-51.6%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	1	4	-75.00%	0	0	0.0%	1,699	2,429	-30.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	99	300	-67.00%	0	0	0.0%	3,190	2,929	8.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	208	249	-16.47%	0	0	0.0%	2,202	2,934	-24.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	86	586	-85.32%	0	0	0.0%	2,875	3,598	-20.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	439	1,347	-67.41%	0	0	0.0%	1,218	1,370	-11.1%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	60,739	58,043	4.64%	0	0	0.0%	549,315	381,391	44.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,416	234	505.13%	0	0	0.0%	4,395	4,231	3.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	689	2,456	-71.95%	0	0	0.0%	11,903	13,115	-9.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,356	2,072	-34.56%	0	0	0.0%	16,994	20,161	-15.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,181	1,965	10.99%	0	0	0.0%	12,497	22,728	-45.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	307	0	0.00%	0	0	0.0%	4,224	4,857	-13.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	131	360	-63.61%	0	0	0.0%	5,547	8,586	-35.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	483	668	-27.69%	0	0	0.0%	3,995	6,060	-34.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	55	59	-6.78%	0	0	0.0%	2,042	2,736	-25.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	347	195	77.95%	0	0	0.0%	4,494	7,525	-40.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	319	0	0.00%	0	0	0.0%	578	1,408	-58.9%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	365	332	9.94%	0	0	0.0%	2,737	2,590	5.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,288	5,961	-78.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,078	1,118	-3.58%	0	0	0.0%	9,568	10,542	-9.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,683	858	96.15%	0	0	0.0%	7,700	3,896	97.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
FX Options												
CAD/USD MONDAY OPTIONS	0	0	0.0%	899	3,990	-77.47%	0	0	0.0%	6,202	14,203	-56.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	279	2,535	-88.99%	0	0	0.0%	1,535	3,147	-51.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	55,780	91,710	-39.18%	0	0	0.0%	486,305	518,193	-6.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,243	32	13,159.38%	0	0	0.0%	11,917	15,009	-20.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,508	6,549	-46.43%	0	0	0.0%	27,727	37,122	-25.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,142	8,364	-38.52%	0	0	0.0%	45,042	55,470	-18.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,489	12,498	-80.08%	0	0	0.0%	34,411	60,886	-43.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2	0	0.00%	0	0	0.0%	9,869	15,578	-36.6%
CAD/USD WKLY WED OPTIONE	0	0	0.0%	1,795	3,540	-49.29%	0	0	0.0%	8,025	12,867	-37.6%
CAD/USD WKLY WED OPTIONE	0	0	0.0%	2,230	3,511	-36.49%	0	0	0.0%	10,817	15,571	-30.5%
CAD/USD WKLY WED OPTIONE	0	0	0.0%	1,608	1,463	9.91%	0	0	0.0%	11,755	12,279	-4.3%
CAD/USD WKLY WED OPTIONE	0	0	0.0%	407	1,179	-65.48%	0	0	0.0%	13,569	12,542	8.2%
CAD/USD WKLY WED OPTIONE	0	0	0.0%	362	0	0.00%	0	0	0.0%	4,474	3,241	38.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	1,596	4,835	-66.99%	0	0	0.0%	35,305	37,633	-6.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	414	83	398.80%	0	0	0.0%	989	301	228.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	28	418	-93.30%	0	0	0.0%	863	2,193	-60.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	104	130	-20.00%	0	0	1.00%	963	1,543	-37.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	29	36	-19.44%	0	0	0.0%	1,026	2,330	-56.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	0	0.00%	0	0	0.0%	83	238	-65.1%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	615	86	615.12%	0	0	0.0%	12,053	15,135	-20.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	769	1,385	-44.48%	0	0	0.0%	19,133	13,014	47.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	124	3,518	-96.48%	0	0	0.0%	7,536	11,718	-35.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	468	882	-46.94%	0	0	0.0%	19,894	18,819	5.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,400	4,358	-67.88%	0	0	0.0%	4,256	5,945	-28.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	197,166	164,035	20.20%	0	0	0.0%	1,802,816	1,596,948	12.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,847	153	6,989.54%	0	0	0.0%	46,854	30,487	53.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,060	15,396	-41.15%	0	0	0.0%	113,543	106,754	6.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,583	18,459	-4.75%	0	0	0.0%	128,265	157,413	-18.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,279	16,613	-2.01%	0	0	0.0%	148,452	142,210	4.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	27	0	0.00%	0	0	0.0%	43,231	58,205	-25.7%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	4,141	6,390	-35.20%	0	0	0.0%	45,389	53,000	-14.4%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	4,503	6,060	-25.69%	0	0	0.0%	40,765	58,951	-30.8%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	4,736	7,006	-32.40%	0	0	0.0%	42,581	56,826	-25.1%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	7,079	8,103	-12.64%	0	0	0.0%	48,237	71,764	-32.8%
EUR/USD WKLY WED OPTIONE	0	0	0.0%	7,189	0	0.00%	0	0	0.0%	20,237	12,636	60.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	1	0	0.00%	0	0	0.0%	4,137	3,127	32.3%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
GBP/USD MONDAY OPTION W	0	0	0.0%	1,538	587	162.01%	0	0	0.0%	8,861	4,969	78.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	89	180	-50.56%	0	0	0.0%	2,171	1,887	15.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	139	1,483	-90.63%	0	0	0.0%	4,020	4,258	-5.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,119	254	340.55%	0	0	0.0%	1,480	654	126.3%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	76,519	57,377	33.36%	0	0	0.0%	570,138	580,486	-1.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,015	70	4,207.14%	0	0	0.0%	7,301	8,176	-10.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,353	3,759	-10.80%	0	0	0.0%	17,746	20,405	-13.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,214	1,979	11.87%	0	0	0.0%	21,478	22,804	-5.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,063	1,459	41.40%	0	0	0.0%	17,510	26,981	-35.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	726	0	0.00%	0	0	0.0%	6,292	7,912	-20.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	419	651	-35.64%	0	0	0.0%	9,625	9,388	2.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	401	108	271.30%	0	0	0.0%	3,911	5,270	-25.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	98	809	-87.89%	0	0	0.0%	7,311	5,597	30.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	959	522	83.72%	0	0	0.0%	7,330	8,036	-8.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	189	0	0.00%	0	0	0.0%	670	1,901	-64.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	4	0	0.00%	0	0	0.0%	2,901	3,096	-6.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,296	1,376	-5.81%	0	0	0.0%	7,326	4,290	70.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	776	879	-11.72%	0	0	0.0%	2,776	3,481	-20.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	853	369	131.17%	0	0	0.0%	7,994	1,662	381.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	196	2,384	-91.78%	0	0	0.0%	247	2,697	-90.8%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	87,598	72,861	20.23%	0	0	0.0%	1,055,428	623,492	69.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,380	10	73,700.00%	0	0	0.0%	31,336	20,927	49.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,414	8,257	1.90%	0	0	0.0%	65,427	44,103	48.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,487	7,399	14.70%	0	0	0.0%	89,204	74,659	19.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,591	12,454	-31.02%	0	0	0.0%	83,367	70,284	18.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	123	0	0.00%	0	0	0.0%	28,022	25,004	12.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,044	2,709	-24.55%	0	0	0.0%	25,617	20,009	28.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,040	3,186	-4.58%	0	0	0.0%	23,953	27,042	-11.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,414	3,002	47.04%	0	0	0.0%	23,068	25,363	-9.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,528	3,336	-24.22%	0	0	0.0%	31,257	22,875	36.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,775	0	0.00%	0	0	0.0%	11,330	5,541	104.5%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	767	923	-16.90%	0	0	0.0%	5,192	7,881	-34.1%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	331	-100.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	163	42	288.10%	0	0	0.0%	669	1,329	-49.7%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12	-100.00%	0	0	0.0%	0	12	-100.0%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	68	-100.0%
Ags Futures												
FERTILIZER PRODUCS	0	0	0.0%	2	0	0.00%	0	0	0.0%	7	4	75.0%
Foreign Exchange Futures												
CHILEAN PESO	0	-	-	0	-		0	-	-	24	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	129	277	-53.43%	0	0	0.0%	3,074	4,311	-28.7%
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	167	741	-77.46%	0	0	0.0%	2,075	5,544	-62.6%
BUTTER CS	0	0	0.0%	3,681	3,337	10.31%	0	0	0.0%	34,071	31,750	7.3%
CASH-SETTLED CHEESE	0	0	0.0%	8,843	11,100	-20.33%	0	0	0.0%	76,334	92,966	-17.9%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,034,075	1,111,485	-6.96%	0	0	0.0%	9,643,185	9,431,931	2.2%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	2,344,180	3,123,501	-24.95%	0	0	0.0%	18,215,787	21,821,053	-16.5%
CLASS IV MILK	0	0	0.0%	2,383	1,688	41.17%	0	0	0.0%	19,832	7,321	170.9%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	6,774,090	7,140,904	-5.14%	0	0	0.0%	54,476,202	62,084,464	-12.3%
COTTON	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Futures												
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	22	-100.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	14,974	31,813	-52.93%	0	0	0.0%	351,376	400,110	-12.2%
DOW-UBS COMMOD INDEX SW	-	-	-	-	-	-	0	-	-	0	-	-
DRY WHEY	0	0	0.0%	715	933	-23.37%	0	0	0.0%	7,712	17,011	-54.7%
FEEDER CATTLE	0	0	0.0%	318,597	314,462	1.31%	0	0	0.0%	2,178,403	1,999,036	9.0%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	3,060	4,116	-25.66%	0	0	0.0%	23,876	76,995	-69.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	52	101	-48.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	875,397	785,763	11.41%	0	0	0.0%	7,690,300	7,832,852	-1.8%
HOUSING INDEX	0	0	0.0%	16	20	-20.00%	0	0	0.0%	134	96	39.6%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	987,761	1,325,128	-25.46%	0	0	0.0%	7,459,580	8,952,794	-16.7%
LUMBER	0	0	0.0%	11,954	8,460	41.30%	0	0	0.0%	66,484	83,626	-20.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,852	25,097	10.98%	0	0	0.0%	232,220	189,366	22.6%
MINI CORN	0	0	0.0%	48,562	40,025	21.33%	0	0	0.0%	472,737	556,427	-15.0%
MINI SOYBEAN	0	0	0.0%	62,670	41,945	49.41%	0	0	0.0%	492,832	493,391	-0.1%
MINI WHEAT	0	0	0.0%	25,697	24,253	5.95%	0	0	0.0%	217,397	174,030	24.9%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,020	4,373	14.80%	0	0	0.0%	47,465	43,010	10.4%
OATS	0	0	0.0%	7,133	9,774	-27.02%	0	0	0.0%	67,924	82,909	-18.1%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	1,343	975	37.74%	0	0	0.0%	18,559	21,788	-14.8%
ROUGH RICE	0	0	0.0%	26,763	19,642	36.25%	0	0	0.0%	149,137	127,351	17.1%
SOYBEAN	0	0	0.0%	3,501,850	3,238,824	8.12%	0	0	0.0%	32,208,221	34,794,409	-7.4%
SOYBEAN MEAL	0	0	0.0%	2,391,470	1,775,354	34.70%	0	0	0.0%	17,340,738	16,375,878	5.9%
SOYBEAN OIL	0	0	0.0%	2,600,488	2,422,366	7.35%	0	0	0.0%	18,375,186	21,912,231	-16.1%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	0	3,817	-100.00%	0	0	0.0%	6,012	25,978	-76.9%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Options												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	212	0	0.0%
BLOCK CHEESE	0	0	0.0%	32	72	-55.56%	0	0	0.0%	2,489	2,382	4.5%
BUTTER CS	0	0	0.0%	1,719	423	306.38%	0	0	0.0%	10,903	15,623	-30.2%
CASH-SETTLED CHEESE	0	0	0.0%	8,189	3,531	131.92%	0	0	0.0%	52,852	56,238	-6.0%
CATTLE	0	0	0.0%	230,289	186,486	23.49%	0	0	0.0%	1,703,430	1,490,828	14.3%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	497,709	439,953	13.13%	0	0	0.0%	4,803,372	3,664,447	31.1%
CLASS IV MILK	0	0	0.0%	10,697	3,094	245.73%	0	0	0.0%	55,374	25,720	115.3%
CORN	0	0	0.0%	2,528,150	2,246,569	12.53%	0	0	0.0%	22,676,989	24,254,074	-6.5%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	25,168	7,785	223.29%	0	0	0.0%	194,996	108,600	79.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	150	-100.00%	0	0	0.0%	0	1,487	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	5,859	9,185	-36.21%	0	0	0.0%	13,691	11,585	18.2%
DEC-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DRY WHEY	0	0	0.0%	184	69	166.67%	0	0	0.0%	2,729	1,654	65.0%
FEEDER CATTLE	0	0	0.0%	42,199	21,039	100.58%	0	0	0.0%	285,404	170,543	67.4%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	244,160	193,411	26.24%	0	0	0.0%	1,824,746	1,619,412	12.7%
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	271	-100.0%
JAN-MAR SOYBEAN CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	7,925	6,500	21.92%	0	0	0.0%	70,620	35,055	101.5%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	41,528	2,422	1,614.6%
KC WHEAT	0	0	0.0%	53,896	99,119	-45.62%	0	0	0.0%	601,579	488,485	23.2%
LUMBER	0	0	0.0%	373	430	-13.26%	0	0	0.0%	3,527	6,180	-42.9%
LV CATL CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	13,475	0	0.00%	0	0	0.0%	23,050	0	0.0%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	500	0	0.00%	0	0	0.0%	500	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
MILK	0	0	0.0%	32,184	20,318	58.40%	0	0	0.0%	177,119	197,764	-10.4%

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Ag Products Options												
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	11	309.1%
NFD MILK	0	0	0.0%	3,561	1,749	103.60%	0	0	0.0%	28,590	29,158	-1.9%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	4,535	0	0.00%	0	0	0.0%	5,135	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	150	-100.00%	0	0	0.0%	0	150	-100.0%
NOV-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
OATS	0	0	0.0%	181	147	23.13%	0	0	0.0%	1,776	2,124	-16.4%
PORK CUTOUT	0	0	0.0%	0	1	-100.00%	0	0	0.0%	35	739	-95.3%
ROUGH RICE	0	0	0.0%	2,444	1,215	101.15%	0	0	0.0%	13,098	5,158	153.9%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	830	-	-	0	-	-	830	-	-
SOYBEAN	0	0	0.0%	1,352,707	1,306,091	3.57%	0	0	0.0%	13,033,317	13,429,114	-2.9%
SOYBEAN CRUSH	0	0	0.0%	10	0	0.00%	0	0	0.0%	161	1,071	-85.0%
SOYBEAN MEAL	0	0	0.0%	252,836	191,189	32.24%	0	0	0.0%	1,899,954	1,804,780	5.3%
SOYBEAN OIL	0	0	0.0%	215,269	229,717	-6.29%	0	0	0.0%	1,942,239	2,428,010	-20.0%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	8,210	2,383	244.52%	0	0	0.0%	27,783	19,504	42.4%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	150	0	0.00%	0	0	0.0%	1,250	0	0.0%
WHEAT	0	0	0.0%	36	145	-75.17%	0	0	0.0%	857	6,067	-85.9%
WHEAT-CORN ICSCO	0	0	0.0%	630	0	0.00%	0	0	0.0%	2,350	831	182.8%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	813	415	95.90%	0	0	0.0%	31,287	3,975	687.1%
TOTAL FUTURES GROUP												
Interest Rate Futures	466,096	417,959	11.5%	196,158,351	154,100,718	27.3%	6,408,170	3,341,696	91.8%	1,436,334,222	1,164,460,597	23.3%
Equity Index Futures	0	0	0.0%	121,608,731	77,851,463	56.2%	0	0	0.0%	1,052,538,438	761,673,257	38.2%
Metals Futures	0	0	0.0%	8,644,429	9,197,182	-6.0%	0	0	0.0%	75,774,419	87,881,880	-13.8%
Energy Futures	0	0	0.0%	34,895,081	39,019,982	-10.6%	0	0	0.0%	297,486,823	302,343,744	-1.6%
FX Futures	0	0	0.0%	19,065,981	12,962,030	47.1%	0	0	0.0%	145,274,259	122,806,253	18.3%
Ags Futures	0	0	0.0%	2	0	0.0%	0	0	0.0%	7	4	75.0%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	21,078,741	21,469,896	-1.8%	0	0	0.0%	169,873,831	187,634,442	-9.5%
TOTAL FUTURES	466,096	417,959	11.5%	401,451,316	314,601,271	27.6%	6,408,170	3,341,696	91.8%	3,177,282,023	2,626,800,177	21.0%

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	21,953,790	13,493,321	62.7%	0	0	0.0%	179,794,894	105,352,502	70.7%
Interest Rate Options	12,771,959	12,003,817	6.4%	26,496,684	23,397,547	13.2%	127,190,820	105,199,978	20.9%	224,053,895	206,602,029	8.4%
Metals Options	0	0	0.0%	859,400	803,497	7.0%	0	0	0.0%	8,903,323	7,534,246	18.2%
Energy Options	0	0	0.0%	2,880,380	3,935,110	-26.8%	0	0	0.0%	25,302,065	25,565,953	-1.0%
FX Options	0	0	0.0%	668,175	652,600	2.4%	0	0	0.0%	6,087,896	5,436,371	12.0%
Ag Products Options	0	0	0.0%	5,544,920	4,971,336	11.5%	0	0	0.0%	49,538,014	49,883,562	-0.7%
Foreign Exchange Options	0	0	0.0%	129	277	-53.4%	0	0	0.0%	3,074	4,311	-28.7%
TOTAL OPTIONS	12,771,959	12,003,817	6.4%	58,403,478	47,253,688	23.6%	127,190,820	105,199,978	20.9%	493,683,161	400,378,974	23.3%
TOTAL COMBINED												
Interest Rate	13,238,055	12,421,776	6.6%	222,655,035	177,498,265	25.4%	133,598,990	108,541,674	23.1%	1,660,388,117	1,371,062,626	21.1%
Equity Index	0	0	0.0%	143,562,521	91,344,784	57.2%	0	0	0.0%	1,232,333,332	867,025,759	42.1%
Metals	0	0	0.0%	9,503,829	10,000,679	-5.0%	0	0	0.0%	84,677,742	95,416,126	-11.3%
Energy	0	0	0.0%	37,775,461	42,955,092	-12.1%	0	0	0.0%	322,788,888	327,909,697	-1.6%
FX	0	0	0.0%	19,734,156	13,614,630	44.9%	0	0	0.0%	151,362,155	128,242,624	18.0%
Ags	0	0	0.0%	2	0	0.0%	0	0	0.0%	7	4	75.0%
Foreign Exchange	0	0	0.0%	129	277	-53.4%	0	0	0.0%	3,098	4,311	-28.1%
Ag Products	0	0	0.0%	26,623,661	26,441,232	0.7%	0	0	0.0%	219,411,845	237,518,004	-7.6%
GRAND TOTAL	13,238,055	12,421,776	6.6%	459,854,794	361,854,959	27.1%	133,598,990	108,541,674	23.1%	3,670,965,184	3,027,179,151	21.3%

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