

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	0	3,055	-100.00%	0	0	0.0%	4,082	33,105	-87.7%
10-YR Eris SOFR	0	0	0.0%	2,058	67	2,971.64%	0	0	0.0%	10,159	565	1,698.1%
10-YR MAC LIBOR	0	0	0.0%	0	5,498	-100.00%	0	0	0.0%	27,311	124,305	-78.0%
10-YR MAC SOFR	0	-	-	0	-	-	0	-	-	18	-	-
10-YR NOTE	0	0	0.0%	28,997,487	28,949,983	0.16%	0	0	0.0%	265,061,995	268,946,514	-1.4%
10Y YIELD	0	0	0.0%	80,437	97,723	-17.69%	0	0	0.0%	564,385	692,510	-18.5%
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	7	-100.00%	0	0	0.0%	6	281	-97.9%
1-YR Eris BSBY	0	0	0.0%	0	300	-100.00%	0	0	0.0%	0	1,300	-100.0%
1-YR Eris SOFR	0	0	0.0%	1	7,711	-99.99%	0	0	0.0%	26,624	188,328	-85.9%
20-YR BOND	0	0	0.0%	73	3,470	-97.90%	0	0	0.0%	3,371	24,065	-86.0%
20-YR Eris LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	0	2,033	-100.00%	0	0	0.0%	4,517	76,591	-94.1%
2-YR Eris SOFR	0	0	0.0%	743	4,387	-83.06%	0	0	0.0%	21,842	85,689	-74.5%
2-YR NOTE	0	0	0.0%	9,780,635	9,240,642	5.84%	0	0	0.0%	99,449,033	91,773,587	8.4%
2Y YIELD	0	0	0.0%	4,552	6,345	-28.26%	0	0	0.0%	47,949	54,796	-12.5%
30-Year UMBS TBA Futures - 2.5	0	-	-	60	-	-	0	-	-	861	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	728	-	-	0	-	-	1,793	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	696	-	-	0	-	-	2,465	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	879	-	-	0	-	-	2,631	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	1,243	-	-	0	-	-	7,364	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	2,490	-	-	0	-	-	8,923	-	-
30-Year UMBS TBA Futures - 5.5	0	-	-	4,034	-	-	0	-	-	6,042	-	-
30-Year UMBS TBA Futures - 6.0	0	-	-	680	-	-	0	-	-	3,162	-	-
30-YR BOND	0	0	0.0%	6,448,321	6,063,370	6.35%	0	0	0.0%	53,364,633	56,735,657	-5.9%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	185	-100.0%
30-YR MAC LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	304	-100.0%
30-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
30Y YIELD	0	0	0.0%	550	7,835	-92.98%	0	0	0.0%	6,560	74,792	-91.2%
3-YR Eris BSBY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
3-YR Eris LIBOR	0	0	0.0%	0	1,403	-100.00%	0	0	0.0%	3,771	46,896	-92.0%
3-YR Eris SOFR	0	0	0.0%	2,763	2,342	17.98%	0	0	0.0%	15,002	23,712	-36.7%
3-YR NOTE	0	0	0.0%	79,017	335,607	-76.46%	0	0	0.0%	772,871	2,450,198	-68.5%

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Interest Rate Futures												
4-YR Eris LIBOR	0	0	0.0%	0	1,896	-100.00%	0	0	0.0%	1,140	27,048	-95.8%
4-YR Eris SOFR	0	0	0.0%	862	104	728.85%	0	0	0.0%	4,922	4,669	5.4%
5-YR Eris LIBOR	0	0	0.0%	0	17,087	-100.00%	0	0	0.0%	21,264	172,620	-87.7%
5-YR Eris SOFR	0	0	0.0%	6,504	1,891	243.95%	0	0	0.0%	60,258	16,426	266.8%
5-YR MAC LIBOR	0	0	0.0%	0	32,844	-100.00%	0	0	0.0%	39,600	220,217	-82.0%
5-YR MAC SOFR	0	-	-	0	-		0	-	-	92	-	-
5-YR NOTE	0	0	0.0%	21,428,903	19,159,722	11.84%	0	0	0.0%	197,864,787	185,899,851	6.4%
5Y YIELD	0	0	0.0%	5	4,575	-99.89%	0	0	0.0%	938	20,453	-95.4%
7-YR Eris LIBOR	0	0	0.0%	0	1,574	-100.00%	0	0	0.0%	2,242	18,231	-87.7%
7-YR Eris SOFR	0	0	0.0%	526	21	2,404.76%	0	0	0.0%	4,302	199	2,061.8%
BSBY 3-MONTH FUTURES	0	0	0.0%	1,512	23,037	-93.44%	0	0	0.0%	31,259	457,232	-93.2%
ESTR Basis Spread Futures	0	-	-	921	-		0	-	-	8,988	-	-
ESTR Futures	0	-	-	122,699	-		0	-	-	435,204	-	-
EURODOLLARS	0	640,248	-100.0%	0	24,752,682	-100.00%	258,492	5,694,919	-95.5%	27,895,109	286,560,837	-90.3%
FED FUND	0	0	0.0%	6,449,354	6,822,486	-5.47%	0	0	0.0%	73,331,809	50,809,020	44.3%
FTIIE	0	0	0.0%	144	69	108.70%	0	0	0.0%	1,662	657	153.0%
SOFR	401,277	102,323	292.2%	54,725,496	35,035,620	56.20%	5,143,115	247,155	1,980.9%	476,738,052	208,878,549	128.2%
SONIA	0	0	0.0%	0	57	-100.00%	0	0	0.0%	194	1,293	-85.0%
Ultra 10-Year Note	0	0	0.0%	6,932,127	5,086,634	36.28%	0	0	0.0%	60,686,701	54,412,743	11.5%
ULTRA T-BOND	0	0	0.0%	3,757,342	2,753,648	36.45%	0	0	0.0%	35,308,123	31,342,442	12.7%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	12,797,634	12,574,897	1.77%	0	0	0.0%	95,759,723	93,945,074	1.9%
2-YR NOTE	0	0	0.0%	264,668	133,141	98.79%	0	0	0.0%	2,816,263	298,458	843.6%
30-YR BOND	0	0	0.0%	2,029,978	1,945,456	4.34%	0	0	0.0%	16,605,072	17,290,456	-4.0%
5-YR NOTE	0	0	0.0%	5,374,942	5,148,042	4.41%	0	0	0.0%	43,499,926	35,808,677	21.5%
EURODOLLARS	0	4,115,267	-100.0%	0	2,024,872	-100.00%	1,894,920	62,174,164	-97.0%	7,456,246	25,202,847	-70.4%
EURO MIDCURVE	0	1,793,909	-100.0%	0	985,794	-100.00%	396,228	37,148,425	-98.9%	201,525	19,041,921	-98.9%
FED FUND	0	0	0.0%	1	1	0.00%	0	0	0.0%	4	45	-91.1%
SOFR	11,409,800	4,029,357	183.2%	5,904,940	1,887,479	212.85%	147,715,459	11,592,734	1,174.2%	59,713,338	4,702,023	1,169.9%
SOFR MIDCURVE	3,333,501	868,663	283.8%	1,446,303	331,395	336.43%	30,038,395	3,503,538	757.4%	11,366,158	1,248,751	810.2%
SOFR MISCURVE	0	-	-	0	-		0	-	-	700	-	-
Ultra 10-Year Note	0	0	0.0%	1,900	6	31,566.67%	0	0	0.0%	5,833	747	680.9%
ULTRA T-BOND	0	0	0.0%	3,915	1,074	264.53%	0	0	0.0%	16,041	18,212	-11.9%
Equity Index Futures												
BITCOIN	0	0	0.0%	195,133	232,248	-15.98%	0	0	0.0%	1,452,115	1,387,581	4.7%
DJ US REAL ESTATE SECTOR	0	0	0.0%	28,825	29,322	-1.69%	0	0	0.0%	213,674	242,333	-11.8%
E-mini (\$5) Dow	0	0	0.0%	2,797,685	3,315,716	-15.62%	0	0	0.0%	25,002,510	30,571,619	-18.2%
E-mini FTSE China 50	0	0	0.0%	0	177	-100.00%	0	0	0.0%	44	6,841	-99.4%
E-MINI MIDCAP	0	0	0.0%	196,813	236,287	-16.71%	0	0	0.0%	1,909,409	2,358,229	-19.0%
E-MINI NASDAQ 100	0	0	0.0%	12,107,772	12,248,436	-1.15%	0	0	0.0%	95,116,258	101,410,831	-6.2%
E-MINI RUSSELL 1000	0	0	0.0%	1,246	1,556	-19.92%	0	0	0.0%	16,791	22,087	-24.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,641	1,400	17.21%	0	0	0.0%	16,661	33,981	-51.0%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,094	2,523	-17.00%	0	0	0.0%	32,583	57,763	-43.6%
E-MINI RUSSELL 2000	0	0	0.0%	3,450,316	3,584,594	-3.75%	0	0	0.0%	31,429,525	34,885,488	-9.9%
E-MINI S&P500	0	0	0.0%	27,462,159	33,869,951	-18.92%	0	0	0.0%	260,344,342	275,965,459	-5.7%
E-MINI S&P500 ESG	0	0	0.0%	9,715	10,235	-5.08%	0	0	0.0%	127,241	177,910	-28.5%
ETHER	0	-	-	0	-		0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	75,957	157,971	-51.92%	0	0	0.0%	730,136	886,787	-17.7%
FT-SE 100	0	0	0.0%	105	105	0.00%	0	0	0.0%	460	1,244	-63.0%
FTSE Emerging	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	16	45	-64.44%	0	0	0.0%	258	445	-42.0%

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Equity Index Futures												
MICRO BITCOIN	0	0	0.0%	181,455	258,348	-29.76%	0	0	0.0%	1,496,973	2,563,493	-41.6%
MICRO E-MINI NASDAQ 100	0	0	0.0%	19,724,668	26,864,939	-26.58%	0	0	0.0%	150,402,593	222,415,979	-32.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,283,107	1,933,174	-33.63%	0	0	0.0%	11,625,164	21,551,049	-46.1%
MICRO E-MINI S&P500	0	0	0.0%	13,838,451	25,310,520	-45.33%	0	0	0.0%	151,495,253	196,104,435	-22.7%
MICRO ETHER	0	0	0.0%	132,155	513,186	-74.25%	0	0	0.0%	1,357,469	3,017,295	-55.0%
MICRO MINI \$5 DOW	0	0	0.0%	1,306,672	3,031,530	-56.90%	0	0	0.0%	16,617,212	29,191,456	-43.1%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	647	-100.00%	0	0	0.0%	3,203	18,341	-82.5%
NASDAQ BIOTECH SECTOR	0	0	0.0%	335	65	415.38%	0	0	0.0%	1,148	1,269	-9.5%
Nearby BTIC+	0	0	0.0%	0	600	-100.00%	0	0	0.0%	0	4,150	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	170,154	72,299	135.35%	0	0	0.0%	929,404	852,109	9.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	608,706	598,710	1.67%	0	0	0.0%	4,412,831	5,710,344	-22.7%
PHLX SEMICONDUCTOR SECT	0	-	-	13	-		0	-	-	1,954	-	-
S&P 500	0	0	0.0%	1,604	14	11,357.14%	0	0	0.0%	20,507	1,817	1,028.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	26,520	28,071	-5.53%	0	0	0.0%	213,937	217,536	-1.7%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	3,467	4,656	-25.54%	0	0	0.0%	67,910	9,861	588.7%
S&P 600 SMALLCAP EMINI	0	-	-	55	-		0	-	-	55	-	-
S&P BIOTECHNOLOGY SECTO	0	-	-	107	-		0	-	-	3,831	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,286	1,589	-19.07%	0	0	0.0%	24,835	23,275	6.7%
S&P CONSUMER DISCRETION	0	0	0.0%	2,622	5,474	-52.10%	0	0	0.0%	38,046	50,137	-24.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,512	8,014	18.69%	0	0	0.0%	115,286	110,000	4.8%
S&P ENERGY SECTOR	0	0	0.0%	9,621	38,824	-75.22%	0	0	0.0%	162,254	321,184	-49.5%
S&P FINANCIAL SECTOR	0	0	0.0%	9,166	10,661	-14.02%	0	0	0.0%	152,104	175,592	-13.4%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,246	8,976	-30.41%	0	0	0.0%	88,415	135,123	-34.6%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,620	7,889	-28.76%	0	0	0.0%	77,406	94,767	-18.3%
S&P MATERIALS SECTOR	0	0	0.0%	4,120	5,675	-27.40%	0	0	0.0%	54,032	56,258	-4.0%
S&P OIL & GAS EXPLORATION	0	-	-	221	-		0	-	-	1,418	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	2,201	1,971	11.67%	0	0	0.0%	38,869	29,140	33.4%
S&P REGIONAL BANKS SECTO	0	-	-	336	-		0	-	-	6,180	-	-
S&P RETAIL SECTOR	0	-	-	34	-		0	-	-	1,674	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,764	9,019	-58.27%	0	0	0.0%	76,916	131,329	-41.4%
S&P UTILITIES SECTOR	0	0	0.0%	12,109	10,132	19.51%	0	0	0.0%	117,789	118,965	-1.0%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	40	-		0	-	-	612	-	-
TOPIX (YEN)	0	0	0.0%	409	87	370.11%	0	0	0.0%	1,819	15,638	-88.4%

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Equity Index Futures												
WATER INDEX FUTURES	0	0	0.0%	8	11	-27.27%	0	0	0.0%	125	567	-78.0%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,642	1,205	119.25%	0	0	0.0%	18,363	9,551	92.3%
DJIA	0	-	-	6,039	-		0	-	-	50,501	-	-
E-mini (\$5) Dow	0	0	0.0%	103	1,739	-94.08%	0	0	0.0%	5,049	16,246	-68.9%
E-MINI NASDAQ 100	0	0	0.0%	1,578,967	873,401	80.78%	0	0	0.0%	8,874,784	6,968,563	27.4%
E-MINI RUSSELL 2000	0	0	0.0%	104,706	93,338	12.18%	0	0	0.0%	1,018,653	1,011,540	0.7%
E-MINI S&P500	0	0	0.0%	20,280,314	17,607,387	15.18%	0	0	0.0%	159,769,121	147,670,739	8.2%
EOM S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	1,540	-		0	-	-	6,507	-	-
EVENT CONTRACT S&P 500	0	-	-	7,328	-		0	-	-	36,131	-	-
MICRO BITCOIN	0	0	0.0%	15,727	14,300	9.98%	0	0	0.0%	68,784	39,309	75.0%
MICRO E-MINI NASDAQ 100	0	0	0.0%	51,014	35,095	45.36%	0	0	0.0%	378,177	409,624	-7.7%
Micro E-mini S&P 500	0	0	0.0%	162,990	176,738	-7.78%	0	0	0.0%	1,613,866	1,667,913	-3.2%
MICRO ETHER	0	0	0.0%	7,371	27,582	-73.28%	0	0	0.0%	113,904	47,619	139.2%
S&P 500	-	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 JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Metals Futures												
ALUMINUM	0	0	0.0%	80,100	53,282	50.33%	0	0	0.0%	529,448	173,726	204.8%
COBALT METAL FUTURES	0	0	0.0%	1	2	-50.00%	0	0	0.0%	329	13	2,430.8%
COMEX COPPER	0	0	0.0%	1,745,564	1,646,696	6.00%	0	0	0.0%	14,916,998	11,947,871	24.9%
COMEX E-Mini GOLD	0	0	0.0%	25,057	27,969	-10.41%	0	0	0.0%	259,617	215,600	20.4%
COMEX E-Mini SILVER	0	0	0.0%	3,783	3,132	20.79%	0	0	0.0%	42,210	27,229	55.0%
COMEX GOLD	0	0	0.0%	5,077,197	5,247,565	-3.25%	0	0	0.0%	34,487,275	32,786,930	5.2%
COMEX MINY COPPER	0	0	0.0%	3,966	3,019	31.37%	0	0	0.0%	40,834	25,306	61.4%
COMEX SILVER	0	0	0.0%	1,165,382	1,184,290	-1.60%	0	0	0.0%	10,303,233	9,655,036	6.7%
COPPER	0	0	0.0%	90,453	76,805	17.77%	0	0	0.0%	759,696	207,136	266.8%
FERROUS PRODUCTS	0	0	0.0%	102	79	29.11%	0	0	0.0%	2,340	3,080	-24.0%
GOLD	0	0	0.0%	51	1,159	-95.60%	0	0	0.0%	3,891	52,566	-92.6%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	940	403	133.25%	0	0	0.0%	10,933	4,286	155.1%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
METALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	139	51	172.5%
MICRO GOLD	0	0	0.0%	1,263,220	881,738	43.26%	0	0	0.0%	10,423,601	7,768,603	34.2%
NYMEX HOT ROLLED STEEL	0	0	0.0%	8,416	3,854	118.37%	0	0	0.0%	64,587	33,140	94.9%
NYMEX PLATINUM	0	0	0.0%	352,944	303,383	16.34%	0	0	0.0%	3,123,811	2,786,045	12.1%
PALLADIUM	0	0	0.0%	46,253	31,966	44.69%	0	0	0.0%	411,015	309,158	32.9%
SILVER	0	0	0.0%	208,685	122,752	70.01%	0	0	0.0%	1,549,202	1,134,190	36.6%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	24	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Metals Options												
ALUMINUM	0	0	0.0%	1,020	0	0.00%	0	0	0.0%	5,549	0	0.0%
COMEX COPPER	0	0	0.0%	98,438	56,020	75.72%	0	0	0.0%	688,433	404,507	70.2%
COMEX GOLD	0	0	0.0%	667,450	709,604	-5.94%	0	0	0.0%	6,220,124	5,345,702	16.4%
COMEX SILVER	0	0	0.0%	131,256	82,024	60.02%	0	0	0.0%	1,037,578	696,538	49.0%
COPPER	0	0	0.0%	5,736	3,722	54.11%	0	0	0.0%	59,319	8,192	624.1%
GOLD	0	0	0.0%	214,843	209,195	2.70%	0	0	0.0%	1,877,463	1,461,291	28.5%
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%	8	0	0.00%	0	0	0.0%	18	0	0.0%
NYMEX PLATINUM	0	0	0.0%	5,044	242	1,984.30%	0	0	0.0%	29,414	3,802	673.6%
PALLADIUM	0	0	0.0%	182	7	2,500.00%	0	0	0.0%	3,666	111	3,202.7%
SILVER	0	0	0.0%	36,359	15,489	134.74%	0	0	0.0%	261,084	123,780	110.9%
Energy Futures												
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%
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%	1,030,874	1,303,384	-20.91%	0	0	0.0%	7,928,028	10,475,191	-24.3%
CAR VINTAGE	0	0	0.0%	6,884	15,332	-55.10%	0	0	0.0%	68,514	37,338	83.5%
CEU ENERGY	0	-	-	0	-		0	-	-	0	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	63	139	-54.68%	0	0	0.0%	878	1,052	-16.5%
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%
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	14	-100.00%	0	0	0.0%	0	74	-100.0%
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%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
CRUDE OIL OUTRIGHTS	0	0	0.0%	342	0	0.00%	0	0	0.0%	1,515	0	0.0%
CRUDE OIL PHY	0	0	0.0%	17,721,730	18,395,482	-3.66%	0	0	0.0%	128,014,890	143,141,550	-10.6%
CRUDE OIL SPRDS	0	0	0.0%	413	0	0.00%	0	0	0.0%	1,240	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 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	0.00%	-	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%	23,199	21	110,371.43%	0	0	0.0%	62,843	10,828	480.4%
EAST/WEST FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EMMISSIONS	0	0	0.0%	3,219	3,695	-12.88%	0	0	0.0%	16,012	9,527	68.1%
ETHANOL	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%
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 GASOIL 10 CAL SWAP	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 3.5% FUEL OIL MED	-	0	0.0%	-	0	0.00%	-	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%	0	280	-100.00%	0	0	0.0%	261	2,367	-89.0%
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	0.00%	-	0	0.0%	-	0	0.0%
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%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
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	-	-
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	0	0.00%	0	0	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 CLNDR	-	0	0.0%	-	0	0.00%	-	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 CALENDAR	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%	3,013,112	2,818,153	6.92%	0	0	0.0%	21,007,054	22,880,984	-8.2%
HENRY HUB SWAP	0	0	0.0%	0	2	-100.00%	0	0	0.0%	176	1,242	-85.8%
HOUSTON SHIP CHANNEL BAS	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
INDIANA MISO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%

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Energy Futures												
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	0.00%	-	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%
LTD NAT GAS	0	0	0.0%	180,625	185,557	-2.66%	0	0	0.0%	1,694,179	1,741,955	-2.7%
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%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	273	692	-60.55%	0	0	0.0%	2,198	5,617	-60.9%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	-	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%	5	11	-54.55%	0	0	0.0%	72	57	26.3%
MINY NATURAL GAS	0	0	0.0%	148,199	314,192	-52.83%	0	0	0.0%	1,698,037	2,242,863	-24.3%
MINY RBOB GAS	0	0	0.0%	6	7	-14.29%	0	0	0.0%	68	60	13.3%
MINY WTI CRUDE OIL	0	0	0.0%	268,736	654,834	-58.96%	0	0	0.0%	2,281,927	4,402,719	-48.2%
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%	0	30	-100.00%	0	0	0.0%	0	265	-100.0%
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%	2	29	-93.10%	0	0	0.0%	160	167	-4.2%
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%	0	43	-100.00%	0	0	0.0%	19	43	-55.8%
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	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	49,814	31,543	57.92%	0	0	0.0%	428,772	332,554	28.9%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	6,340,312	5,707,518	11.09%	0	0	0.0%	56,965,755	52,198,481	9.1%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
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	0.00%	-	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%
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	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	5	0	0.00%	0	0	0.0%	171	31	451.6%
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	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	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%
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	0.00%	-	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%
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 NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	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%	3,571,299	2,850,417	25.29%	0	0	0.0%	24,278,470	25,106,777	-3.3%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	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	-	-
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0	0.00%	0	0	0.0%	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 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%
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%
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	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%	16	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
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%	2,427	4,823	-49.68%	0	0	0.0%	30,784	17,155	79.4%
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	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	625	1,160	-46.12%	0	0	0.0%	3,625	30,711	-88.2%
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	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	0	-	-	4,025	-		0	-	-	44,061	-	-
CRUDE OIL PHY	0	0	0.0%	1,891,503	1,685,108	12.25%	0	0	0.0%	14,095,103	14,946,677	-5.7%
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%	0	0	0.00%	0	0	0.0%	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%
HEATING OIL PHY	0	0	0.0%	660	1,468	-55.04%	0	0	0.0%	6,657	17,496	-62.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	854	20	4,170.00%	0	0	0.0%	17,169	106	16,097.2%
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%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	1,985	17	11,576.47%	0	0	0.0%	2,038	3,581	-43.1%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	1,200	300	300.00%	0	0	0.0%	25,057	5,200	381.9%
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%	2,500	400	525.00%	0	0	0.0%	76,940	800	9,517.5%
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%	1,510,957	885,033	70.72%	0	0	0.0%	9,933,576	7,383,241	34.5%
NATURAL GAS SUMMER STRIF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	98	211	-53.55%	0	0	0.0%	718	950	-24.4%
PETROCHEMICALS	0	0	0.0%	6	0	0.00%	0	0	0.0%	21	11	90.9%
PETRO OUTRIGHT EURO	-	0	0.0%	-	0	0.00%	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Options												
PJM WES HUB PEAK LMP 50M	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB 1MO CAL SPD OPTIONS	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 PHY	0	0	0.0%	540	938	-42.43%	0	0	0.0%	4,019	7,516	-46.5%
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%	0	3,615	-100.00%	0	0	0.0%	4,050	7,970	-49.2%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,600	271	490.4%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	0	21	-100.00%	0	0	0.0%	167	335	-50.1%
AD/JY CROSS RATES	0	0	0.0%	862	2,944	-70.72%	0	0	0.0%	10,737	35,336	-69.6%
AD/NE CROSS RATES	0	0	0.0%	5,016	1,843	172.16%	0	0	0.0%	22,679	12,520	81.1%
AUSTRALIAN DOLLAR	0	0	0.0%	1,799,093	1,974,111	-8.87%	0	0	0.0%	13,651,932	14,246,888	-4.2%
BP/JY CROSS RATES	0	0	0.0%	1,814	2,344	-22.61%	0	0	0.0%	15,965	25,369	-37.1%
BP/SF CROSS RATES	0	0	0.0%	2,026	644	214.60%	0	0	0.0%	16,415	12,481	31.5%
BRAZIL REAL	0	0	0.0%	262,710	239,413	9.73%	0	0	0.0%	1,740,428	2,001,449	-13.0%
BRITISH POUND	0	0	0.0%	2,022,741	2,270,450	-10.91%	0	0	0.0%	15,013,694	16,115,825	-6.8%
CANADIAN DOLLAR	0	0	0.0%	1,284,584	1,881,790	-31.74%	0	0	0.0%	11,732,902	12,529,657	-6.4%
CD/JY CROSS RATES	0	0	0.0%	92	4	2,200.00%	0	0	0.0%	338	269	25.7%
CHILEAN PESO	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	30,667	19,787	54.99%	0	0	0.0%	186,277	179,050	4.0%
CZECK KORUNA (EC)	0	0	0.0%	0	1	-100.00%	0	0	0.0%	5	19	-73.7%
CZECK KORUNA (US)	0	0	0.0%	5	0	0.00%	0	0	0.0%	28	18	55.6%
EC/AD CROSS RATES	0	0	0.0%	1,453	3,075	-52.75%	0	0	0.0%	29,439	35,607	-17.3%
EC/CD CROSS RATES	0	0	0.0%	3,247	7,080	-54.14%	0	0	0.0%	39,289	58,446	-32.8%
EC/NOK CROSS RATES	0	0	0.0%	1,659	893	85.78%	0	0	0.0%	8,592	8,462	1.5%
EC/SEK CROSS RATES	0	0	0.0%	1,069	3,799	-71.86%	0	0	0.0%	14,740	14,844	-0.7%
EFX/BP CROSS RATES	0	0	0.0%	46,841	68,235	-31.35%	0	0	0.0%	415,985	630,417	-34.0%
EFX/JY CROSS RATES	0	0	0.0%	43,827	37,738	16.13%	0	0	0.0%	310,130	392,516	-21.0%
EFX/SF CROSS RATES	0	0	0.0%	12,357	21,903	-43.58%	0	0	0.0%	145,157	291,567	-50.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Futures												
E-MICRO USD/CAD	0	0	0.0%	28	93	-69.89%	0	0	0.0%	932	1,685	-44.7%
E-MICRO USD/CHF	0	0	0.0%	70	42	66.67%	0	0	0.0%	1,148	611	87.9%
E-MICRO USD/JPY	0	0	0.0%	7,062	43,924	-83.92%	0	0	0.0%	21,386	145,933	-85.3%
E-MINI EURO FX	0	0	0.0%	97,581	170,072	-42.62%	0	0	0.0%	878,841	975,945	-9.9%
E-MINI JAPANESE YEN	0	0	0.0%	15,212	10,410	46.13%	0	0	0.0%	86,191	65,527	31.5%
EURO FX	0	0	0.0%	3,952,102	4,778,238	-17.29%	0	0	0.0%	32,680,001	32,541,298	0.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.00%	0	0	0.0%	21	2	950.0%
HUNGARIAN FORINT (US)	0	0	0.0%	6	1	500.00%	0	0	0.0%	82	36	127.8%
INDIAN RUPEE	0	0	0.0%	20,817	32,225	-35.40%	0	0	0.0%	195,613	152,361	28.4%
JAPANESE YEN	0	0	0.0%	4,109,294	3,067,665	33.96%	0	0	0.0%	25,250,879	20,449,985	23.5%
KOREAN WON	0	0	0.0%	534	198	169.70%	0	0	0.0%	1,932	2,423	-20.3%
MEXICAN PESO	0	0	0.0%	920,487	1,042,225	-11.68%	0	0	0.0%	8,451,131	7,867,106	7.4%
MICRO AUD/USD	0	0	0.0%	276,487	214,442	28.93%	0	0	0.0%	1,889,216	1,836,182	2.9%
MICRO CAD/USD	0	0	0.0%	45,095	56,198	-19.76%	0	0	0.0%	380,698	408,439	-6.8%
MICRO CHF/USD	0	0	0.0%	16,101	25,519	-36.91%	0	0	0.0%	107,915	114,304	-5.6%
MICRO EUR/USD	0	0	0.0%	578,208	922,829	-37.34%	0	0	0.0%	4,428,716	5,141,312	-13.9%
MICRO GBP/USD	0	0	0.0%	63,479	111,230	-42.93%	0	0	0.0%	479,739	675,131	-28.9%
MICRO INR/USD	0	0	0.0%	296	513	-42.30%	0	0	0.0%	3,270	5,397	-39.4%
MICRO JPY/USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	626,872	568,138	10.34%	0	0	0.0%	4,394,378	4,138,506	6.2%
NKR/USD CROSS RATE	0	0	0.0%	2,642	1,473	79.36%	0	0	0.0%	22,366	20,755	7.8%
POLISH ZLOTY (EC)	0	0	0.0%	31	13	138.46%	0	0	0.0%	347	990	-64.9%
POLISH ZLOTY (US)	0	0	0.0%	577	1,122	-48.57%	0	0	0.0%	6,829	9,542	-28.4%
RMB USD	0	0	0.0%	0	5	-100.00%	0	0	0.0%	5	15	-66.7%
RUSSIAN RUBLE	0	0	0.0%	0	108	-100.00%	0	0	0.0%	0	576,666	-100.0%
S.AFRICAN RAND	0	0	0.0%	98,170	92,034	6.67%	0	0	0.0%	531,427	656,432	-19.0%
SF/JY CROSS RATES	0	0	0.0%	399	732	-45.49%	0	0	0.0%	3,959	4,115	-3.8%
SHEKEL	0	0	0.0%	113	18	527.78%	0	0	0.0%	552	98	463.3%
SKR/USD CROSS RATES	0	0	0.0%	3,170	3,809	-16.78%	0	0	0.0%	31,883	43,162	-26.1%
SWISS FRANC	0	0	0.0%	422,213	547,475	-22.88%	0	0	0.0%	3,129,298	3,681,493	-15.0%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	20	0	0.0%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	105	31	238.7%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	14	29	-51.72%	0	0	0.0%	1,292	1,698	-23.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	225	38	492.11%	0	0	0.0%	2,761	3,091	-10.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	306	8	3,725.00%	0	0	0.0%	1,718	1,994	-13.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	314	488	-35.66%	0	0	0.0%	1,814	2,789	-35.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	175	0	0.00%	0	0	0.0%	490	779	-37.1%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	72,239	64,682	11.68%	0	0	0.0%	399,796	488,576	-18.2%
AUD/USD THURSDAY WKLY O	0	-	-	851	-		0	-	-	1,011	-	-
AUD/USD THURSDAY WKLY O	0	-	-	355	-		0	-	-	638	-	-
AUD/USD THURSDAY WKLY O	0	-	-	19	-		0	-	-	1,171	-	-
AUD/USD THURSDAY WKLY O	0	-	-	51	-		0	-	-	448	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	488	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	23	-		0	-	-	235	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	635	-		0	-	-	1,732	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	468	-		0	-	-	1,038	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	227	-		0	-	-	531	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	205	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1	33	-96.97%	0	0	0.0%	1,394	2,979	-53.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,363	378	260.58%	0	0	0.0%	9,372	11,214	-16.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,373	2,350	-41.57%	0	0	0.0%	10,641	15,638	-32.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,701	1,153	47.53%	0	0	0.0%	11,675	10,316	13.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,952	-100.00%	0	0	0.0%	2,092	3,917	-46.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	338	35	865.71%	0	0	0.0%	3,392	5,416	-37.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	398	284	40.14%	0	0	0.0%	1,645	3,512	-53.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	815	158	415.82%	0	0	0.0%	2,287	4,932	-53.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	482	474	1.69%	0	0	0.0%	1,945	4,147	-53.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	522	259	101.5%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	286	-100.00%	0	0	0.0%	205	2,372	-91.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	141	194	-27.32%	0	0	0.0%	6,102	1,288	373.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	234	715	-67.27%	0	0	0.0%	8,585	8,490	1.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	442	1,198	-63.11%	0	0	0.0%	5,372	6,017	-10.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	55	318	-82.70%	0	0	0.0%	4,701	5,303	-11.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	91	0	0.00%	0	0	0.0%	338	1,256	-73.1%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	26,415	55,018	-51.99%	0	0	0.0%	387,291	430,525	-10.0%
CAD/USD THURSDAY WKLY O	0	-	-	307	-		0	-	-	2,264	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
CAD/USD THURSDAY WKLY O	0	-	-	112	-		0	-	-	2,257	-	-
CAD/USD THURSDAY WKLY O	0	-	-	164	-		0	-	-	2,404	-	-
CAD/USD THURSDAY WKLY O	0	-	-	7	-		0	-	-	3,529	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	1,972	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	183	-		0	-	-	2,811	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	492	-		0	-	-	4,960	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	40	-		0	-	-	2,757	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	460	-		0	-	-	1,304	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	808	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	65	14	364.29%	0	0	0.0%	5,572	7,674	-27.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,920	1,703	71.46%	0	0	0.0%	15,310	24,219	-36.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	867	7,347	-88.20%	0	0	0.0%	15,237	39,900	-61.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,228	2,207	0.95%	0	0	0.0%	20,719	31,922	-35.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	5,541	-100.00%	0	0	0.0%	7,528	9,867	-23.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	334	370	-9.73%	0	0	0.0%	9,404	6,230	50.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	620	1,990	-68.84%	0	0	0.0%	8,157	8,587	-5.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	140	887	-84.22%	0	0	0.0%	6,012	10,147	-40.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,244	1,191	4.45%	0	0	0.0%	8,794	13,162	-33.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,131	4,112	-48.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,011	4,228	18.52%	0	0	0.0%	24,535	33,709	-27.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	2	-100.00%	0	0	0.0%	135	575	-76.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,201	1	120,000.00%	0	0	0.0%	5,443	835	551.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,066	393	171.25%	0	0	0.0%	4,789	859	457.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,323	47	11,225.53%	0	0	0.0%	12,307	997	1,134.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	68	-100.00%	0	0	0.0%	3,057	82	3,628.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	204	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	158	1,184	-86.66%	0	0	0.0%	13,375	11,438	16.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	775	855	-9.36%	0	0	0.0%	12,018	18,364	-34.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,149	1,634	31.52%	0	0	0.0%	9,395	7,412	26.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	170	1,417	-88.00%	0	0	0.0%	12,694	19,426	-34.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,106	0	0.00%	0	0	0.0%	2,061	2,856	-27.8%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	235,739	262,664	-10.25%	0	0	0.0%	1,589,215	1,605,650	-1.0%
EUR/USD THURSDAY WKLY O	0	-	-	861	-		0	-	-	6,215	-	-

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
EUR/USD THURSDAY WKLY O	0	-	-	285	-		0	-	-	4,484	-	-
EUR/USD THURSDAY WKLY O	0	-	-	40	-		0	-	-	4,528	-	-
EUR/USD THURSDAY WKLY O	0	-	-	481	-		0	-	-	6,799	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	99	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,015	-		0	-	-	1,709	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	458	-		0	-	-	5,352	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	677	-		0	-	-	5,585	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	421	-		0	-	-	3,758	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	1,419	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	51	321	-84.11%	0	0	0.0%	13,583	36,007	-62.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,596	4,298	425.73%	0	0	0.0%	122,060	104,483	16.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	44,030	13,093	236.29%	0	0	0.0%	162,995	110,682	47.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,809	15,353	-16.57%	0	0	0.0%	188,364	132,173	42.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	22,562	-100.00%	0	0	0.0%	19,227	43,204	-55.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,976	6,755	-26.34%	0	0	0.0%	31,598	41,248	-23.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,633	7,579	-52.06%	0	0	0.0%	39,367	36,262	8.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	2,651	4,632	-42.77%	0	0	0.0%	32,263	37,845	-14.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	2,805	7,215	-61.12%	0	0	0.0%	30,436	41,158	-26.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	10,434	13,048	-20.0%
EVENT CONTRACT EUR/USD	0	-	-	6,356	-		0	-	-	37,060	-	-
GBP/USD MONDAY OPTION W	0	0	0.0%	21	1,141	-98.16%	0	0	0.0%	4,357	4,136	5.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	717	620	15.65%	0	0	0.0%	7,903	7,323	7.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	80	82	-2.44%	0	0	0.0%	2,451	2,082	17.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	173	848	-79.60%	0	0	0.0%	3,238	3,881	-16.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	191	0	0.00%	0	0	0.0%	591	361	63.7%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	55,764	75,740	-26.37%	0	0	0.0%	407,573	493,619	-17.4%
GBP/USD THURSDAY WKLY O	0	-	-	159	-		0	-	-	1,467	-	-
GBP/USD THURSDAY WKLY O	0	-	-	860	-		0	-	-	1,576	-	-
GBP/USD THURSDAY WKLY O	0	-	-	289	-		0	-	-	2,072	-	-
GBP/USD THURSDAY WKLY O	0	-	-	108	-		0	-	-	866	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	291	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	30	-		0	-	-	974	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	293	-		0	-	-	2,533	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	86	-		0	-	-	1,677	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	132	-		0	-	-	1,416	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	341	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	15	-100.00%	0	0	0.0%	2,682	4,286	-37.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,623	1,567	131.21%	0	0	0.0%	21,372	14,393	48.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,755	2,615	43.59%	0	0	0.0%	27,728	19,264	43.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,699	787	242.95%	0	0	0.0%	14,719	15,447	-4.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,458	-100.00%	0	0	0.0%	4,028	5,566	-27.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,324	1,389	-4.68%	0	0	0.0%	5,303	9,206	-42.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	857	483	77.43%	0	0	0.0%	7,859	3,510	123.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,099	244	760.25%	0	0	0.0%	8,795	7,213	21.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	351	1,881	-81.34%	0	0	0.0%	5,063	6,371	-20.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	665	481	38.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	348	767	-54.63%	0	0	0.0%	3,851	2,897	32.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	505	238	112.18%	0	0	0.0%	11,147	6,030	84.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	104	352	-70.45%	0	0	0.0%	2,084	2,000	4.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	155	1,005	-84.58%	0	0	0.0%	5,829	7,141	-18.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,130	0	0.00%	0	0	0.0%	2,177	51	4,168.6%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	132,733	95,115	39.55%	0	0	0.0%	660,230	967,830	-31.8%
JPY/USD THURSDAY WKLY OP	0	-	-	1,502	-		0	-	-	1,644	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	606	-		0	-	-	716	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	12	-		0	-	-	235	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	10	-		0	-	-	149	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-		0	-	-	253	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	19	-		0	-	-	110	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	38	-		0	-	-	3,367	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	159	-		0	-	-	2,127	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	529	-		0	-	-	1,513	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	37	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	16	-87.50%	0	0	0.0%	3,234	23,956	-86.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,491	2,669	255.60%	0	0	0.0%	46,156	57,013	-19.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,573	10,954	-58.25%	0	0	0.0%	48,349	80,717	-40.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	15,032	12,294	22.27%	0	0	0.0%	46,873	74,776	-37.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12,191	-100.00%	0	0	0.0%	9,352	27,899	-66.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,956	4,094	69.91%	0	0	0.0%	20,538	23,573	-12.9%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,140	4,191	-1.22%	0	0	0.0%	18,720	20,913	-10.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,756	3,766	-0.27%	0	0	0.0%	23,364	18,654	25.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,218	7,037	-68.48%	0	0	0.0%	15,462	28,729	-46.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,102	7,555	-58.9%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	1,561	89	1,653.93%	0	0	0.0%	3,305	4,425	-25.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	77	3	2,466.67%	0	0	0.0%	221	506	-56.3%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	2	-	-
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	0.00%	-	0	0.0%	-	0	0.0%
USD/CNH MONTHLY OPTIONS	0	-	-	0	-		0	-	-	51	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-		0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-		0	-	-	0	-	-

Ag Products Futures

BLOCK CHEESE	0	0	0.0%	730	390	87.18%	0	0	0.0%	2,921	1,908	53.1%
BUTTER CS	0	0	0.0%	3,108	3,920	-20.71%	0	0	0.0%	24,329	30,390	-19.9%
CASH-SETTLED CHEESE	0	0	0.0%	14,038	10,256	36.88%	0	0	0.0%	94,842	67,491	40.5%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,528,778	1,143,406	33.70%	0	0	0.0%	9,678,348	8,609,110	12.4%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	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%	2,769,093	1,786,428	55.01%	0	0	0.0%	18,339,807	15,871,607	15.6%
CLASS IV MILK	0	0	0.0%	1,402	3,122	-55.09%	0	0	0.0%	7,482	17,449	-57.1%
COFFEE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CORN	0	0	0.0%	6,754,918	5,799,842	16.47%	0	0	0.0%	51,165,358	47,702,112	7.3%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	4,038	32,241	-87.48%	0	0	0.0%	171,813	336,402	-48.9%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Futures												
DOW-UBS COMMOD INDEX SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DRY WHEY	0	0	0.0%	811	820	-1.10%	0	0	0.0%	7,840	6,997	12.0%
FEEDER CATTLE	0	0	0.0%	360,188	296,538	21.46%	0	0	0.0%	2,415,225	1,859,806	29.9%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	5	-20.0%
GOLDMAN SACHS	0	0	0.0%	1,687	2,349	-28.18%	0	0	0.0%	12,150	20,816	-41.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	30	-100.00%	0	0	0.0%	23	52	-55.8%
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%	1,124,528	970,407	15.88%	0	0	0.0%	7,801,433	6,814,903	14.5%
HOUSING INDEX	0	0	0.0%	18	7	157.14%	0	0	0.0%	106	118	-10.2%
KC WHEAT	0	0	0.0%	1,009,932	740,018	36.47%	0	0	0.0%	7,326,497	6,471,819	13.2%
LUMBER	0	0	0.0%	15,198	6,270	142.39%	0	0	0.0%	97,038	54,530	78.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	41,403	27,986	47.94%	0	0	0.0%	221,522	204,368	8.4%
MINI CORN	0	0	0.0%	53,328	48,794	9.29%	0	0	0.0%	247,830	424,175	-41.6%
MINI SOYBEAN	0	0	0.0%	65,263	57,009	14.48%	0	0	0.0%	301,858	430,162	-29.8%
MINI WHEAT	0	0	0.0%	54,171	22,435	141.46%	0	0	0.0%	210,310	191,700	9.7%
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%	3,998	5,012	-20.23%	0	0	0.0%	34,172	42,445	-19.5%
OATS	0	0	0.0%	13,288	5,083	161.42%	0	0	0.0%	93,185	60,791	53.3%
OTC SP GSCI ER SWAP	0	-	-	0	-		0	-	-	0	-	-
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%	1,688	1,761	-4.15%	0	0	0.0%	10,747	17,216	-37.6%
ROUGH RICE	0	0	0.0%	12,812	10,009	28.00%	0	0	0.0%	119,529	122,374	-2.3%
SOYBEAN	0	0	0.0%	4,370,630	3,283,177	33.12%	0	0	0.0%	34,513,931	28,706,371	20.2%
SOYBEAN MEAL	0	0	0.0%	2,705,536	2,110,982	28.16%	0	0	0.0%	19,660,034	14,949,268	31.5%
SOYBEAN OIL	0	0	0.0%	3,034,226	2,301,255	31.85%	0	0	0.0%	21,514,458	15,774,698	36.4%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	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	0	0.00%	0	0	0.0%	30	6,012	-99.5%

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Options												
AUG-DEC SOYBEAN MEAL CS	0	-	-	500	-		0	-	-	1,950	-	-
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	350	212	65.09%	0	0	0.0%	1,410	212	565.1%
BLOCK CHEESE	0	0	0.0%	438	86	409.30%	0	0	0.0%	1,990	2,457	-19.0%
BUTTER CS	0	0	0.0%	2,236	1,243	79.89%	0	0	0.0%	13,684	9,184	49.0%
CASH-SETTLED CHEESE	0	0	0.0%	8,483	4,960	71.03%	0	0	0.0%	46,294	44,663	3.7%
CATTLE	0	0	0.0%	312,657	164,974	89.52%	0	0	0.0%	2,079,857	1,473,141	41.2%
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%	738,781	634,928	16.36%	0	0	0.0%	4,593,256	4,305,663	6.7%
CLASS IV MILK	0	0	0.0%	13,052	6,211	110.14%	0	0	0.0%	45,981	44,677	2.9%
CORN	0	0	0.0%	4,345,606	3,277,639	32.58%	0	0	0.0%	20,133,630	20,148,839	-0.1%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	10,862	14,652	-25.87%	0	0	0.0%	241,025	169,828	41.9%
DEC-DEC CORN CAL SPRD	0	0	0.0%	426	0	0.00%	0	0	0.0%	5,664	0	0.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	800	725	10.34%	0	0	0.0%	12,942	7,832	65.2%
DEC-JULY WHEAT CAL SPRD	0	-	-	0	-		0	-	-	350	-	-
DRY WHEY	0	0	0.0%	0	392	-100.00%	0	0	0.0%	73	2,545	-97.1%
FEEDER CATTLE	0	0	0.0%	49,872	37,123	34.34%	0	0	0.0%	394,577	243,205	62.2%
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%	339,354	212,690	59.55%	0	0	0.0%	2,114,350	1,580,586	33.8%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	-	-	0	-		0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	774	6,675	-88.40%	0	0	0.0%	90,019	62,695	43.6%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,270	845	168.6%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,560	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3,200	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	10	2	400.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	69,443	41,528	67.2%
KC WHEAT	0	0	0.0%	63,174	64,741	-2.42%	0	0	0.0%	537,922	547,683	-1.8%
LUMBER	0	0	0.0%	280	291	-3.78%	0	0	0.0%	1,738	3,154	-44.9%
LV CATL CSO	0	-	-	0	-		0	-	-	60	-	-
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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Ag Products Options												
MAR-JULY CORN CAL SPRD	0	0	0.0%	700	0	0.00%	0	0	0.0%	12,681	9,575	32.4%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	30	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	150	-100.0%
MILK	0	0	0.0%	25,991	33,800	-23.10%	0	0	0.0%	153,026	144,935	5.6%
MLK MID OPTIONS	0	0	0.0%	4	0	0.00%	0	0	0.0%	19	45	-57.8%
NFD MILK	0	0	0.0%	2,868	3,028	-5.28%	0	0	0.0%	24,885	25,029	-0.6%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	200	600	-66.7%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	15	0	0.0%
OATS	0	0	0.0%	335	142	135.92%	0	0	0.0%	1,178	1,595	-26.1%
PORK CUTOUT	0	0	0.0%	4	0	0.00%	0	0	0.0%	11	35	-68.6%
ROUGH RICE	0	0	0.0%	2,247	1,777	26.45%	0	0	0.0%	17,806	10,654	67.1%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	300	-		0	-	-	300	-	-
SOYBEAN	0	0	0.0%	1,747,816	1,586,009	10.20%	0	0	0.0%	10,753,323	11,680,610	-7.9%
SOYBEAN CRUSH	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	151	-96.7%
SOYBEAN MEAL	0	0	0.0%	331,703	218,285	51.96%	0	0	0.0%	2,503,155	1,647,118	52.0%
SOYBEAN OIL	0	0	0.0%	511,093	293,746	73.99%	0	0	0.0%	2,655,581	1,726,970	53.8%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	13,503	10	134,930.00%	0	0	0.0%	55,991	19,573	186.1%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,230	1,100	102.7%
SOY OIL NEARBY+2 CAL SPRD	0	-	-	0	-		0	-	-	175	-	-
WHEAT	0	0	0.0%	1,216	6	20,166.67%	0	0	0.0%	14,153	821	1,623.9%
WHEAT-CORN ICSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	225	1,720	-86.9%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	510	845	-39.64%	0	0	0.0%	4,202	30,474	-86.2%
TOTAL FUTURES GROUP												
Interest Rate Futures	401,277	742,571	-46.0%	138,833,842	138,425,725	0.3%	5,401,607	5,942,074	-9.1%	1,291,854,016	1,240,175,871	4.2%
Equity Index Futures	0	0	0.0%	83,674,261	112,415,647	-25.6%	0	0	0.0%	755,999,231	930,929,707	-18.8%
Metals Futures	0	0	0.0%	10,072,114	9,588,094	5.0%	0	0	0.0%	76,929,159	67,129,990	14.6%
Energy Futures	0	0	0.0%	32,359,112	32,281,375	0.2%	0	0	0.0%	244,451,255	262,591,742	-6.9%
FX Futures	0	0	0.0%	16,777,110	18,226,826	-8.0%	0	0	0.0%	126,333,824	126,208,302	0.1%
Ag Products Futures	0	0	0.0%	23,944,810	18,669,547	28.3%	0	0	0.0%	174,072,972	148,795,095	17.0%
TOTAL FUTURES	401,277	742,571	-46.0%	305,661,249	329,607,214	-7.3%	5,401,607	5,942,074	-9.1%	2,669,640,457	2,775,830,707	-3.8%

*** 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 JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	22,218,741	18,830,785	18.0%	0	0	0.0%	171,953,840	157,841,104	8.9%
Interest Rate Options	14,743,301	10,807,196	36.4%	27,824,281	25,032,157	11.2%	180,045,002	114,418,861	57.4%	237,440,829	197,557,211	20.2%
Metals Options	0	0	0.0%	1,160,336	1,076,303	7.8%	0	0	0.0%	10,182,648	8,043,923	26.6%
Energy Options	0	0	0.0%	3,417,380	2,583,093	32.3%	0	0	0.0%	24,245,418	22,421,685	8.1%
FX Options	0	0	0.0%	736,044	748,993	-1.7%	0	0	0.0%	4,884,988	5,422,666	-9.9%
Ag Products Options	0	0	0.0%	8,525,935	6,565,190	29.9%	0	0	0.0%	46,590,246	43,993,094	5.9%
TOTAL OPTIONS	14,743,301	10,807,196	36.4%	63,882,717	54,836,521	16.5%	180,045,002	114,418,861	57.4%	495,297,969	435,279,683	13.8%
TOTAL COMBINED												
Interest Rate	15,144,578	11,549,767	31.1%	166,658,123	163,457,882	2.0%	185,446,609	120,360,935	54.1%	1,529,294,845	1,437,733,082	6.4%
Equity Index	0	0	0.0%	105,893,002	131,246,432	-19.3%	0	0	0.0%	927,953,071	1,088,770,811	-14.8%
Metals	0	0	0.0%	11,232,450	10,664,397	5.3%	0	0	0.0%	87,111,807	75,173,913	15.9%
Energy	0	0	0.0%	35,776,492	34,864,468	2.6%	0	0	0.0%	268,696,673	285,013,427	-5.7%
FX	0	0	0.0%	17,513,154	18,975,819	-7.7%	0	0	0.0%	131,218,812	131,630,968	-0.3%
Ag Products	0	0	0.0%	32,470,745	25,234,737	28.7%	0	0	0.0%	220,663,218	192,788,189	14.5%
GRAND TOTAL	15,144,578	11,549,767	31.1%	369,543,966	384,443,735	-3.9%	185,446,609	120,360,935	54.1%	3,164,938,426	3,211,110,390	-1.4%

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