



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4,082	-100.0%
10-YR Eris SOFR	0	0	0.0%	3,362	2,058	63.36%	0	0	0.0%	27,660	10,159	172.3%
10-YR MAC LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	27,311	-100.0%
10-YR MAC SOFR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	18	-100.0%
10-YR NOTE	0	0	0.0%	42,141,345	28,997,487	45.33%	0	0	0.0%	323,164,341	265,061,995	21.9%
10Y YIELD	0	0	0.0%	135,536	80,437	68.50%	0	0	0.0%	914,629	564,385	62.1%
13-Week U.S. T-Bill Futures	0	-	-	38,868	-	-	0	-	-	142,967	-	-
15-YR Eris LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
1-MONTH EURO DOLLAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	6	-100.0%
1-YR Eris BSBY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
1-YR Eris SOFR	0	0	0.0%	835	1	83,400.00%	0	0	0.0%	14,375	26,624	-46.0%
20-YR BOND	0	0	0.0%	0	73	-100.00%	0	0	0.0%	0	3,371	-100.0%
2-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4,517	-100.0%
2-YR Eris SOFR	0	0	0.0%	1,890	743	154.37%	0	0	0.0%	38,532	21,842	76.4%
2-YR NOTE	0	0	0.0%	16,884,858	9,780,635	72.64%	0	0	0.0%	127,407,861	99,449,033	28.1%
2Y YIELD	0	0	0.0%	3,974	4,552	-12.70%	0	0	0.0%	26,396	47,949	-44.9%
30-Year UMBS TBA Futures - 2.5	0	0	0.0%	0	60	-100.00%	0	0	0.0%	0	861	-100.0%
30-Year UMBS TBA Futures - 3.0	0	0	0.0%	140	728	-80.77%	0	0	0.0%	3,000	1,793	67.3%
30-Year UMBS TBA Futures - 3.5	0	0	0.0%	356	696	-48.85%	0	0	0.0%	4,024	2,465	63.2%
30-Year UMBS TBA Futures - 4.0	0	0	0.0%	716	879	-18.54%	0	0	0.0%	6,808	2,631	158.8%
30-Year UMBS TBA Futures - 4.5	0	0	0.0%	837	1,243	-32.66%	0	0	0.0%	8,335	7,364	13.2%
30-Year UMBS TBA Futures - 5.0	0	0	0.0%	2,571	2,490	3.25%	0	0	0.0%	17,190	8,923	92.6%
30-Year UMBS TBA Futures - 5.5	0	0	0.0%	3,543	4,034	-12.17%	0	0	0.0%	19,763	6,042	227.1%
30-Year UMBS TBA Futures - 6.0	0	0	0.0%	2,807	680	312.79%	0	0	0.0%	15,571	3,162	392.4%
30-YR BOND	0	0	0.0%	9,226,968	6,448,321	43.09%	0	0	0.0%	72,175,517	53,364,633	35.2%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
30-YR MAC LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
30-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
30Y YIELD	0	0	0.0%	17	550	-96.91%	0	0	0.0%	906	6,560	-86.2%
3-YR Eris BSBY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
3-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3,771	-100.0%
3-YR Eris SOFR	0	0	0.0%	1,833	2,763	-33.66%	0	0	0.0%	28,398	15,002	89.3%
3-YR NOTE	0	0	0.0%	140,637	79,017	77.98%	0	0	0.0%	1,318,848	772,871	70.6%

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Interest Rate Futures												
4-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,140	-100.0%
4-YR Eris SOFR	0	0	0.0%	604	862	-29.93%	0	0	0.0%	5,124	4,922	4.1%
5-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	21,264	-100.0%
5-YR Eris SOFR	0	0	0.0%	13,229	6,504	103.40%	0	0	0.0%	85,753	60,258	42.3%
5-YR MAC LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	39,600	-100.0%
5-YR MAC SOFR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	92	-100.0%
5-YR NOTE	0	0	0.0%	26,355,388	21,428,903	22.99%	0	0	0.0%	227,716,705	197,864,787	15.1%
5Y YIELD	0	0	0.0%	1	5	-80.00%	0	0	0.0%	4	938	-99.6%
7-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,242	-100.0%
7-YR Eris SOFR	0	0	0.0%	214	526	-59.32%	0	0	0.0%	4,719	4,302	9.7%
BBG Duration-Hedged Credit Ind	0	-	-	9,007	-	-	0	-	-	9,390	-	-
BBG HY Credit Index	0	-	-	1,369	-	-	0	-	-	1,767	-	-
BBG IG Credit Index	0	-	-	2,668	-	-	0	-	-	3,330	-	-
BSBY 3-MONTH FUTURES	0	0	0.0%	107	1,512	-92.92%	0	0	0.0%	892	31,259	-97.1%
ESTR	0	0	0.0%	261,315	122,699	112.97%	0	0	0.0%	2,117,517	435,204	386.6%
ESTR Basis Spread Futures	0	0	0.0%	160	921	-82.63%	0	0	0.0%	23,096	8,988	157.0%
EURODOLLARS	0	0	0.0%	0	0	0.00%	0	258,492	-100.0%	0	27,895,109	-100.0%
FED FUND	0	0	0.0%	8,886,578	6,449,354	37.79%	0	0	0.0%	52,012,400	73,331,809	-29.1%
FTIIE	0	0	0.0%	143	144	-0.69%	0	0	0.0%	1,617	1,662	-2.7%
MICRO ULTRA 10-YEAR NOTE	0	-	-	20,966	-	-	0	-	-	218,447	-	-
MICRO ULTRA T-BOND	0	-	-	31,276	-	-	0	-	-	184,864	-	-
SOFR	389,922	401,277	-2.8%	69,564,519	54,725,496	27.12%	3,278,978	5,143,115	-36.2%	480,308,993	476,738,052	0.7%
SONIA	0	0	0.0%	29	0	0.00%	0	0	0.0%	440	194	126.8%
UBSBM	0	-	-	1,270	-	-	0	-	-	4,910	-	-
Ultra 10-Year Note	0	0	0.0%	11,128,061	6,932,127	60.53%	0	0	0.0%	91,309,831	60,686,701	50.5%
ULTRA T-BOND	0	0	0.0%	6,529,609	3,757,342	73.78%	0	0	0.0%	55,958,317	35,308,123	58.5%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	17,074,482	12,797,634	33.42%	0	0	0.0%	125,890,711	95,759,723	31.5%
2-YR NOTE	0	0	0.0%	619,417	264,668	134.04%	0	0	0.0%	4,655,158	2,816,263	65.3%
30-YR BOND	0	0	0.0%	3,676,405	2,029,978	81.11%	0	0	0.0%	25,587,279	16,605,072	54.1%
5-YR NOTE	0	0	0.0%	5,618,951	5,374,942	4.54%	0	0	0.0%	37,791,832	43,499,926	-13.1%
EURODOLLARS	0	0	0.0%	0	0	0.00%	0	1,894,920	-100.0%	0	7,456,246	-100.0%
EURO MIDCURVE	0	0	0.0%	0	0	0.00%	0	396,228	-100.0%	0	201,525	-100.0%
FED FUND	0	0	0.0%	0	1	-100.00%	0	0	0.0%	0	4	-100.0%
SOFR	15,235,043	11,409,800	33.5%	7,758,619	5,904,940	31.39%	120,897,757	147,715,459	-18.2%	51,012,676	59,713,338	-14.6%
SOFR MIDCURVE	3,503,457	3,333,501	5.1%	1,722,389	1,446,303	19.09%	28,201,420	30,038,395	-6.1%	11,635,297	11,366,158	2.4%
SOFR MISCURVE	0	0	0.0%	0	0	0.00%	0	0	0.0%	750	700	7.1%
Ultra 10-Year Note	0	0	0.0%	14,191	1,900	646.89%	0	0	0.0%	103,566	5,833	1,675.5%
ULTRA 10-YEAR NOTE	0	-	-	100	-		0	-	-	652	-	-
ULTRA T-BOND	0	0	0.0%	35,438	3,915	805.19%	0	0	0.0%	163,912	16,041	921.8%
Equity Index Futures												
AIR	0	0	0.0%	12,810	1,178	987.44%	0	0	0.0%	289,128	17,159	1,585.0%
BITCOIN	0	0	0.0%	280,178	195,133	43.58%	0	0	0.0%	1,959,719	1,452,115	35.0%
DJ US REAL ESTATE SECTOR	0	0	0.0%	26,112	28,825	-9.41%	0	0	0.0%	245,666	213,674	15.0%
E-mini (\$5) Dow	0	0	0.0%	3,230,047	2,797,685	15.45%	0	0	0.0%	21,438,509	25,002,510	-14.3%
E-mini FTSE China 50	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	44	-100.0%
E-MINI MIDCAP	0	0	0.0%	247,812	196,813	25.91%	0	0	0.0%	1,880,137	1,909,409	-1.5%
E-MINI NASDAQ 100	0	0	0.0%	15,337,524	12,107,772	26.68%	0	0	0.0%	98,185,090	95,116,258	3.2%
E-MINI RUSSELL 1000	0	0	0.0%	1,486	1,246	19.26%	0	0	0.0%	17,267	16,791	2.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	3,515	1,641	114.20%	0	0	0.0%	31,663	16,661	90.0%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,812	2,094	129.80%	0	0	0.0%	44,827	32,583	37.6%
E-MINI RUSSELL 2000	0	0	0.0%	5,105,325	3,450,316	47.97%	0	0	0.0%	31,560,638	31,429,525	0.4%
E-MINI S&P500	0	0	0.0%	37,303,799	27,462,159	35.84%	0	0	0.0%	237,950,000	260,344,342	-8.6%
E-MINI S&P500 ESG	0	0	0.0%	10,680	9,715	9.93%	0	0	0.0%	132,607	127,241	4.2%
ETHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER FUTURES	0	0	0.0%	119,573	75,957	57.42%	0	0	0.0%	790,523	730,136	8.3%
FT-SE 100	0	0	0.0%	0	105	-100.00%	0	0	0.0%	0	460	-100.0%

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Equity Index Futures												
IBOVESPA INDEX	0	0	0.0%	0	16	-100.00%	0	0	0.0%	42	258	-83.7%
MICRO BITCOIN	0	0	0.0%	779,724	181,455	329.71%	0	0	0.0%	5,132,109	1,496,973	242.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	35,072,100	19,724,668	77.81%	0	0	0.0%	195,221,503	150,402,593	29.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,024,769	1,283,107	57.80%	0	0	0.0%	11,478,468	11,625,164	-1.3%
MICRO E-MINI S&P500	0	0	0.0%	22,165,629	13,838,451	60.17%	0	0	0.0%	128,679,252	151,495,253	-15.1%
MICRO ETHER	0	0	0.0%	707,824	132,155	435.60%	0	0	0.0%	3,712,104	1,357,469	173.5%
MICRO MINI \$5 DOW	0	0	0.0%	2,465,402	1,306,672	88.68%	0	0	0.0%	13,814,376	16,617,212	-16.9%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3,203	-100.0%
NASDAQ BIOTECH SECTOR	0	0	0.0%	35	335	-89.55%	0	0	0.0%	229	1,148	-80.1%
Nearby BTIC+	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	235,544	170,154	38.43%	0	0	0.0%	1,306,380	929,404	40.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	700,781	608,706	15.13%	0	0	0.0%	4,411,728	4,412,831	0.0%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	1,144	13	8,700.00%	0	0	0.0%	5,859	1,954	199.8%
S&P 500	0	0	0.0%	5	426	-98.83%	0	0	0.0%	2,634	3,348	-21.3%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	20,921	26,520	-21.11%	0	0	0.0%	194,303	213,937	-9.2%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	2,783	3,467	-19.73%	0	0	0.0%	39,191	67,910	-42.3%
S&P 600 SMALLCAP EMINI	0	0	0.0%	1,410	55	2,463.64%	0	0	0.0%	7,489	55	13,516.4%
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	586	107	447.66%	0	0	0.0%	3,217	3,831	-16.0%
S&P COMMUNICATION SERVIC	0	0	0.0%	3,309	1,286	157.31%	0	0	0.0%	53,177	24,835	114.1%
S&P CONSUMER DISCRETION	0	0	0.0%	4,149	2,622	58.24%	0	0	0.0%	45,363	38,046	19.2%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,390	9,512	-1.28%	0	0	0.0%	115,551	115,286	0.2%
S&P ENERGY SECTOR	0	0	0.0%	17,171	9,621	78.47%	0	0	0.0%	164,449	162,254	1.4%
S&P FINANCIAL SECTOR	0	0	0.0%	11,068	9,166	20.75%	0	0	0.0%	139,080	152,104	-8.6%
S&P HEALTH CARE SECTOR	0	0	0.0%	7,733	6,246	23.81%	0	0	0.0%	97,275	88,415	10.0%
S&P INDUSTRIAL SECTOR	0	0	0.0%	8,818	5,620	56.90%	0	0	0.0%	79,304	77,406	2.5%
S&P MATERIALS SECTOR	0	0	0.0%	4,625	4,120	12.26%	0	0	0.0%	63,659	54,032	17.8%
S&P OIL & GAS EXPLORATION	0	0	0.0%	194	221	-12.22%	0	0	0.0%	1,096	1,418	-22.7%
S&P REAL ESTATE SECTOR	0	0	0.0%	3,993	2,201	81.42%	0	0	0.0%	66,355	38,869	70.7%
S&P REGIONAL BANKS SECTO	0	0	0.0%	945	336	181.25%	0	0	0.0%	5,203	6,180	-15.8%
S&P RETAIL SECTOR	0	0	0.0%	81	34	138.24%	0	0	0.0%	634	1,674	-62.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	7,741	3,764	105.66%	0	0	0.0%	89,771	76,916	16.7%
S&P UTILITIES SECTOR	0	0	0.0%	10,507	12,109	-13.23%	0	0	0.0%	146,273	117,789	24.2%
TOPIX (USD)	0	0	0.0%	40	40	0.00%	0	0	0.0%	489	612	-20.1%
TOPIX (YEN)	0	0	0.0%	498	409	21.76%	0	0	0.0%	7,731	1,819	325.0%

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Equity Index Futures												
WATER INDEX FUTURES	0	0	0.0%	20	8	150.00%	0	0	0.0%	142	125	13.6%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	4,258	2,642	61.17%	0	0	0.0%	26,023	18,363	41.7%
DJIA	0	0	0.0%	1,330	6,039	-77.98%	0	0	0.0%	8,922	50,501	-82.3%
E-mini (\$5) Dow	0	0	0.0%	1,382	103	1,241.75%	0	0	0.0%	7,510	5,049	48.7%
E-MINI NASDAQ 100	0	0	0.0%	2,289,939	1,578,967	45.03%	0	0	0.0%	12,621,477	8,874,784	42.2%
E-MINI RUSSELL 2000	0	0	0.0%	510,997	104,706	388.03%	0	0	0.0%	2,389,984	1,018,653	134.6%
E-MINI S&P500	0	0	0.0%	29,346,570	20,280,314	44.70%	0	0	0.0%	202,823,545	159,769,121	26.9%
ETHER OPTIONS	0	0	0.0%	3,279	1,540	112.92%	0	0	0.0%	16,306	6,507	150.6%
EVENT CONTRACT S&P 500	0	0	0.0%	597	7,328	-91.85%	0	0	0.0%	11,325	36,131	-68.7%
MICRO BITCOIN	0	0	0.0%	12,450	15,727	-20.84%	0	0	0.0%	67,120	68,784	-2.4%
MICRO E-MINI NASDAQ 100	0	0	0.0%	142,573	51,014	179.48%	0	0	0.0%	582,201	378,177	53.9%
Micro E-mini S&P 500	0	0	0.0%	287,227	162,990	76.22%	0	0	0.0%	2,062,031	1,613,866	27.8%
MICRO ETHER	0	0	0.0%	13,020	7,371	76.64%	0	0	0.0%	116,329	113,904	2.1%
S&P 500	0	-	-	25	-		0	-	-	2,425	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Metals Futures												
ALUMINUM	0	0	0.0%	174,986	80,100	118.46%	0	0	0.0%	1,065,163	529,448	101.2%
COBALT METAL FUTURES	0	0	0.0%	0	1	-100.00%	0	0	0.0%	51	329	-84.5%
COMEX COPPER	0	0	0.0%	1,932,175	1,745,564	10.69%	0	0	0.0%	18,349,470	14,916,998	23.0%
COMEX E-Mini GOLD	0	0	0.0%	33,643	25,057	34.27%	0	0	0.0%	185,249	259,617	-28.6%
COMEX E-Mini SILVER	0	0	0.0%	10,394	3,783	174.76%	0	0	0.0%	74,866	42,210	77.4%
COMEX GOLD	0	0	0.0%	6,133,266	5,077,197	20.80%	0	0	0.0%	37,043,705	34,487,275	7.4%
COMEX MINY COPPER	0	0	0.0%	3,357	3,966	-15.36%	0	0	0.0%	35,004	40,834	-14.3%
COMEX SILVER	0	0	0.0%	1,609,015	1,165,382	38.07%	0	0	0.0%	13,211,600	10,303,233	28.2%
COPPER	0	0	0.0%	267,457	90,453	195.69%	0	0	0.0%	1,868,547	759,696	146.0%
FERROUS PRODUCTS	0	0	0.0%	230	102	125.49%	0	0	0.0%	4,049	2,340	73.0%
GOLD	0	0	0.0%	32,493	51	63,611.76%	0	0	0.0%	119,327	3,891	2,966.7%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	850	940	-9.57%	0	0	0.0%	8,482	10,933	-22.4%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LITHIUM CARBONATE FUTURE	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%	23	139	-83.5%
MICRO GOLD	0	0	0.0%	2,331,610	1,263,220	84.58%	0	0	0.0%	13,950,672	10,423,601	33.8%
MOLYBDENUM OXIDE FUTURE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	7,638	8,416	-9.24%	0	0	0.0%	54,224	64,587	-16.0%
NYMEX PLATINUM	0	0	0.0%	588,788	352,944	66.82%	0	0	0.0%	4,649,955	3,123,811	48.9%
PALLADIUM	0	0	0.0%	110,335	46,253	138.55%	0	0	0.0%	785,271	411,015	91.1%
SILVER	0	0	0.0%	432,327	208,685	107.17%	0	0	0.0%	2,519,147	1,549,202	62.6%
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Metals Options												
ALUMINUM	0	0	0.0%	7,579	1,020	643.04%	0	0	0.0%	32,042	5,549	477.4%
COMEX COPPER	0	0	0.0%	198,914	98,438	102.07%	0	0	0.0%	1,335,084	688,433	93.9%
COMEX GOLD	0	0	0.0%	1,455,776	667,450	118.11%	0	0	0.0%	7,775,264	6,220,124	25.0%
COMEX SILVER	0	0	0.0%	256,453	131,256	95.38%	0	0	0.0%	1,896,113	1,037,578	82.7%
COPPER	0	0	0.0%	20,415	5,736	255.91%	0	0	0.0%	110,830	59,319	86.8%
GOLD	0	0	0.0%	451,555	214,843	110.18%	0	0	0.0%	2,996,325	1,877,463	59.6%
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%	60	8	650.00%	0	0	0.0%	402	18	2,133.3%
NYMEX PLATINUM	0	0	0.0%	9,049	5,044	79.40%	0	0	0.0%	63,079	29,414	114.5%
PALLADIUM	0	0	0.0%	1,369	182	652.20%	0	0	0.0%	6,277	3,666	71.2%
SILVER	0	0	0.0%	83,881	36,359	130.70%	0	0	0.0%	522,866	261,084	100.3%
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%	2,974,821	1,030,874	188.57%	0	0	0.0%	12,573,570	7,928,028	58.6%
CAR VINTAGE	0	0	0.0%	9,142	6,884	32.80%	0	0	0.0%	82,006	68,514	19.7%
CEU ENERGY	0	0	0.0%	36	0	0.00%	0	0	0.0%	12,294	0	0.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	73	63	15.87%	0	0	0.0%	1,387	878	58.0%
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%	58	0	0.00%	0	0	0.0%	58	0	0.0%
CRUDE OIL	-	0	0.0%	-	0	0.00%	-	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

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Energy Futures												
CRUDE OIL OUTRIGHTS	0	0	0.0%	2,608	342	662.57%	0	0	0.0%	10,879	1,515	618.1%
CRUDE OIL PHY	0	0	0.0%	21,458,075	17,721,730	21.08%	0	0	0.0%	135,169,201	128,014,890	5.6%
CRUDE OIL SPRDS	0	0	0.0%	1,906	413	361.50%	0	0	0.0%	7,144	1,240	476.1%
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	-	-
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	0.00%	-	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%	19,533	23,199	-15.80%	0	0	0.0%	120,146	62,843	91.2%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EMMISSIONS	0	0	0.0%	0	3,219	-100.00%	0	0	0.0%	513	16,012	-96.8%
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%	0	0	0.00%	0	0	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 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%	66,137	0	0.00%	0	0	0.0%	187,539	261	71,754.0%
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 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%
FUELOIL SWAP:CARGOES VS.	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Energy Futures												
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	0	0.00%	0	0	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	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 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	0.00%	-	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%	3,601,234	3,013,112	19.52%	0	0	0.0%	25,446,068	21,007,054	21.1%
HENRY HUB SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	176	-99.4%
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%
INDONESIAN COAL ICI4	-	0	0.0%	-	0	0.00%	-	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%	15	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) 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%	271,200	180,625	50.15%	0	0	0.0%	2,147,005	1,694,179	26.7%
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%	24	273	-91.21%	0	0	0.0%	583	2,198	-73.5%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0.00%	0	0	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%	7	5	40.00%	0	0	0.0%	50	72	-30.6%
MINY NATURAL GAS	0	0	0.0%	100,988	148,199	-31.86%	0	0	0.0%	1,035,276	1,698,037	-39.0%
MINY RBOB GAS	0	0	0.0%	7	6	16.67%	0	0	0.0%	47	68	-30.9%
MINY WTI CRUDE OIL	0	0	0.0%	164,910	268,736	-38.63%	0	0	0.0%	1,450,793	2,281,927	-36.4%
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	0	0.00%	0	0	0.0%	0	0	0.0%
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%	237	2	11,750.00%	0	0	0.0%	2,021	160	1,163.1%
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	0	0.00%	0	0	0.0%	0	19	-100.0%
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	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%	112,120	49,814	125.08%	0	0	0.0%	661,084	428,772	54.2%
NATURAL GAS PEN SWP	0	0	0.0%	48	0	0.00%	0	0	0.0%	486	0	0.0%
NATURAL GAS PHY	0	0	0.0%	9,820,211	6,340,312	54.89%	0	0	0.0%	73,113,431	56,965,755	28.3%
NEPOOL INTR HUB 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEW ENGLAND HUB PEAK DAI	-	0	0.0%	-	0	0.00%	-	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%
N ILLINOIS HUB DAILY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY1% VS GC SPREAD SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	8	5	60.00%	0	0	0.0%	122	171	-28.7%
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 ZONE G 5MW D AH PK	-	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%
PETROCHEMICALS	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 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Energy Futures												
PETRO CRCKS & SPRDS ASIA	-	0	0.0%	-	0	0.00%	-	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%	22	0	0.00%	0	0	0.0%	22	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	0.00%	-	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	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH RT OFF-PEAK	-	0	0.0%	-	0	0.00%	-	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%	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%	4,147,314	3,571,299	16.13%	0	0	0.0%	26,408,857	24,278,470	8.8%
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%	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	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	-	0	0.0%	-	0	0.00%	-	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Energy Futures												
SINGAPORE JET KEROSENE S	-	0	0.0%	-	0	0.00%	-	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%
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	16	-100.0%
WTI-BRENT BULLET SWAP	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%	4	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%	700	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	11,663	2,427	380.55%	0	0	0.0%	13,551	30,784	-56.0%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	625	625	0.00%	0	0	0.0%	6,650	3,625	83.4%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	884	4,025	-78.04%	0	0	0.0%	11,969	44,061	-72.8%
CRUDE OIL PHY	0	0	0.0%	3,243,802	1,891,503	71.49%	0	0	0.0%	19,769,010	14,095,103	40.3%
ELEC FINSETTLED	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	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%	891	660	35.00%	0	0	0.0%	5,904	6,657	-11.3%
HENRY HUB FINANCIAL LAST	0	0	0.0%	346	854	-59.48%	0	0	0.0%	10,120	17,169	-41.1%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
LLS CRUDE OIL	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 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Energy Options												
MCCLOSKY 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%	3,055	1,985	53.90%	0	0	0.0%	25,675	2,038	1,159.8%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	1,200	-100.00%	0	0	0.0%	17,652	25,057	-29.6%
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%	93,225	2,500	3,629.00%	0	0	0.0%	378,150	76,940	391.5%
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%	2,913,890	1,510,957	92.85%	0	0	0.0%	21,163,166	9,933,576	113.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	41	98	-58.16%	0	0	0.0%	307	718	-57.2%
PETROCHEMICALS	0	0	0.0%	0	6	-100.00%	0	0	0.0%	0	21	-100.0%
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	0.00%	-	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%	301	540	-44.26%	0	0	0.0%	1,731	4,019	-56.9%
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	0	0.00%	0	0	0.0%	1,700	4,050	-58.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	200	0	0.00%	0	0	0.0%	1,700	1,600	6.3%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	6	0	0.00%	0	0	0.0%	43	167	-74.3%
AD/JY CROSS RATES	0	0	0.0%	3,806	862	341.53%	0	0	0.0%	16,097	10,737	49.9%
AD/NE CROSS RATES	0	0	0.0%	13,728	5,016	173.68%	0	0	0.0%	40,860	22,679	80.2%
AUSTRALIAN DOLLAR	0	0	0.0%	2,412,409	1,799,093	34.09%	0	0	0.0%	16,047,659	13,651,932	17.5%
BP/JY CROSS RATES	0	0	0.0%	2,333	1,814	28.61%	0	0	0.0%	16,286	15,965	2.0%
BP/SF CROSS RATES	0	0	0.0%	1,856	2,026	-8.39%	0	0	0.0%	20,835	16,415	26.9%
BRAZIL REAL	0	0	0.0%	485,904	262,710	84.96%	0	0	0.0%	3,007,380	1,740,428	72.8%
BRITISH POUND	0	0	0.0%	2,194,506	2,022,741	8.49%	0	0	0.0%	16,325,402	15,013,694	8.7%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Futures												
CANADIAN DOLLAR	0	0	0.0%	1,869,795	1,284,584	45.56%	0	0	0.0%	14,161,620	11,732,902	20.7%
CD/JY CROSS RATES	0	0	0.0%	32	92	-65.22%	0	0	0.0%	407	338	20.4%
CHILEAN PESO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	45	-100.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	88,724	30,667	189.31%	0	0	0.0%	441,900	186,277	137.2%
CZECK KORUNA (EC)	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	5	-60.0%
CZECK KORUNA (US)	0	0	0.0%	0	5	-100.00%	0	0	0.0%	28	28	0.0%
EC/AD CROSS RATES	0	0	0.0%	3,157	1,453	117.27%	0	0	0.0%	22,956	29,439	-22.0%
EC/CD CROSS RATES	0	0	0.0%	1,539	3,247	-52.60%	0	0	0.0%	34,062	39,289	-13.3%
EC/NOK CROSS RATES	0	0	0.0%	2,046	1,659	23.33%	0	0	0.0%	11,791	8,592	37.2%
EC/SEK CROSS RATES	0	0	0.0%	871	1,069	-18.52%	0	0	0.0%	10,008	14,740	-32.1%
EFX/BP CROSS RATES	0	0	0.0%	45,343	46,841	-3.20%	0	0	0.0%	458,464	415,985	10.2%
EFX/JY CROSS RATES	0	0	0.0%	65,466	43,827	49.37%	0	0	0.0%	455,219	310,130	46.8%
EFX/SF CROSS RATES	0	0	0.0%	26,092	12,357	111.15%	0	0	0.0%	231,276	145,157	59.3%
E-MICRO USD/CAD	0	0	0.0%	0	28	-100.00%	0	0	0.0%	69	932	-92.6%
E-MICRO USD/CHF	0	0	0.0%	0	70	-100.00%	0	0	0.0%	166	1,148	-85.5%
E-MICRO USD/JPY	0	0	0.0%	0	7,062	-100.00%	0	0	0.0%	4,450	21,386	-79.2%
E-MINI EURO FX	0	0	0.0%	68,348	97,581	-29.96%	0	0	0.0%	617,553	878,841	-29.7%
E-MINI JAPANESE YEN	0	0	0.0%	20,957	15,212	37.77%	0	0	0.0%	114,090	86,191	32.4%
EURO FX	0	0	0.0%	4,303,702	3,952,102	8.90%	0	0	0.0%	33,532,206	32,680,001	2.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	2	1	100.00%	0	0	0.0%	23	21	9.5%
HUNGARIAN FORINT (US)	0	0	0.0%	16	6	166.67%	0	0	0.0%	62	82	-24.4%
INDIAN RUPEE	0	0	0.0%	21,296	20,817	2.30%	0	0	0.0%	147,134	195,613	-24.8%
JAPANESE YEN	0	0	0.0%	4,592,288	4,109,294	11.75%	0	0	0.0%	26,443,925	25,250,879	4.7%
KOREAN WON	0	0	0.0%	714	534	33.71%	0	0	0.0%	9,119	1,932	372.0%
MEXICAN PESO	0	0	0.0%	1,210,552	920,487	31.51%	0	0	0.0%	11,227,095	8,451,131	32.8%
MICRO AUD/USD	0	0	0.0%	211,794	276,487	-23.40%	0	0	0.0%	1,820,969	1,889,216	-3.6%
MICRO CAD/USD	0	0	0.0%	49,603	45,095	10.00%	0	0	0.0%	391,347	380,698	2.8%
MICRO CHF/USD	0	0	0.0%	11,868	16,101	-26.29%	0	0	0.0%	98,184	107,915	-9.0%
MICRO EUR/USD	0	0	0.0%	384,262	578,208	-33.54%	0	0	0.0%	3,424,220	4,428,716	-22.7%
MICRO GBP/USD	0	0	0.0%	57,678	63,479	-9.14%	0	0	0.0%	589,070	479,739	22.8%
MICRO INR/USD	0	0	0.0%	33	296	-88.85%	0	0	0.0%	629	3,270	-80.8%
MICRO JPY/USD	0	0	0.0%	2,329	0	0.00%	0	0	0.0%	9,357	0	0.0%
MICRO USD/CNH	0	0	0.0%	8	0	0.00%	0	0	0.0%	8	0	0.0%
NEW ZEALND DOLLAR	0	0	0.0%	887,259	626,872	41.54%	0	0	0.0%	5,164,159	4,394,378	17.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Futures												
NKR/USD CROSS RATE	0	0	0.0%	5,679	2,642	114.95%	0	0	0.0%	37,472	22,366	67.5%
POLISH ZLOTY (EC)	0	0	0.0%	0	31	-100.00%	0	0	0.0%	286	347	-17.6%
POLISH ZLOTY (US)	0	0	0.0%	1,451	577	151.47%	0	0	0.0%	8,886	6,829	30.1%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
RUSSIAN RUBLE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S.AFRICAN RAND	0	0	0.0%	112,911	98,170	15.02%	0	0	0.0%	787,833	531,427	48.2%
SF/JY CROSS RATES	0	0	0.0%	686	399	71.93%	0	0	0.0%	7,229	3,959	82.6%
SHEKEL	0	0	0.0%	130	113	15.04%	0	0	0.0%	457	552	-17.2%
SKR/USD CROSS RATES	0	0	0.0%	6,711	3,170	111.70%	0	0	0.0%	48,304	31,883	51.5%
SWISS FRANC	0	0	0.0%	681,177	422,213	61.33%	0	0	0.0%	4,733,923	3,129,298	51.3%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	20	-100.0%
USDZAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	105	-100.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	6	14	-57.14%	0	0	0.0%	1,297	1,292	0.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	37	225	-83.56%	0	0	0.0%	1,462	2,761	-47.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	321	306	4.90%	0	0	0.0%	1,455	1,718	-15.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	573	314	82.48%	0	0	0.0%	1,645	1,814	-9.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	926	175	429.14%	0	0	0.0%	1,139	490	132.4%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	68,462	72,239	-5.23%	0	0	0.0%	541,820	399,796	35.5%
AUD/USD THURSDAY WKLY O	0	0	0.0%	23	851	-97.30%	0	0	0.0%	647	1,011	-36.0%
AUD/USD THURSDAY WKLY O	0	0	0.0%	19	355	-94.65%	0	0	0.0%	812	638	27.3%
AUD/USD THURSDAY WKLY O	0	0	0.0%	255	19	1,242.11%	0	0	0.0%	2,597	1,171	121.8%
AUD/USD THURSDAY WKLY O	0	0	0.0%	481	51	843.14%	0	0	0.0%	972	448	117.0%
AUD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	271	488	-44.5%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	94	23	308.70%	0	0	0.0%	874	235	271.9%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	31	635	-95.12%	0	0	0.0%	502	1,732	-71.0%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	1,861	468	297.65%	0	0	0.0%	2,893	1,038	178.7%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	339	227	49.34%	0	0	0.0%	1,010	531	90.2%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	538	0	0.00%	0	0	0.0%	745	205	263.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,385	1	138,400.00%	0	0	0.0%	3,240	1,394	132.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	520	1,363	-61.85%	0	0	0.0%	13,948	9,372	48.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Options												
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,750	1,373	100.29%	0	0	0.0%	14,653	10,641	37.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,328	1,701	36.86%	0	0	0.0%	10,906	11,675	-6.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	554	0	0.00%	0	0	0.0%	3,703	2,092	77.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	656	338	94.08%	0	0	0.0%	2,830	3,392	-16.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	172	398	-56.78%	0	0	0.0%	1,914	1,645	16.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	219	815	-73.13%	0	0	0.0%	2,007	2,287	-12.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	827	482	71.58%	0	0	0.0%	4,069	1,945	109.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	517	0	0.00%	0	0	0.0%	962	522	84.3%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	1	0	0.00%	0	0	0.0%	5	205	-97.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	23	141	-83.69%	0	0	0.0%	5,378	6,102	-11.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	520	234	122.22%	0	0	0.0%	5,075	8,585	-40.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	118	442	-73.30%	0	0	0.0%	3,189	5,372	-40.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	268	55	387.27%	0	0	0.0%	4,268	4,701	-9.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,853	91	1,936.26%	0	0	0.0%	4,874	338	1,342.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	20,794	26,415	-21.28%	0	0	0.0%	163,255	387,291	-57.8%
CAD/USD THURSDAY WKLY O	0	0	0.0%	1,804	307	487.62%	0	0	0.0%	5,480	2,264	142.0%
CAD/USD THURSDAY WKLY O	0	0	0.0%	87	112	-22.32%	0	0	0.0%	2,813	2,257	24.6%
CAD/USD THURSDAY WKLY O	0	0	0.0%	164	164	0.00%	0	0	0.0%	2,847	2,404	18.4%
CAD/USD THURSDAY WKLY O	0	0	0.0%	685	7	9,685.71%	0	0	0.0%	5,700	3,529	61.5%
CAD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,140	1,972	8.5%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	39	183	-78.69%	0	0	0.0%	1,199	2,811	-57.3%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	99	492	-79.88%	0	0	0.0%	2,704	4,960	-45.5%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	871	40	2,077.50%	0	0	0.0%	3,893	2,757	41.2%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	197	460	-57.17%	0	0	0.0%	2,179	1,304	67.1%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	405	0	0.00%	0	0	0.0%	828	808	2.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,620	65	3,930.77%	0	0	0.0%	14,827	5,572	166.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	603	2,920	-79.35%	0	0	0.0%	18,269	15,310	19.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,393	867	291.35%	0	0	0.0%	24,689	15,237	62.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,450	2,228	54.85%	0	0	0.0%	23,574	20,719	13.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	401	0	0.00%	0	0	0.0%	12,204	7,528	62.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	461	334	38.02%	0	0	0.0%	8,455	9,404	-10.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	445	620	-28.23%	0	0	0.0%	4,129	8,157	-49.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	598	140	327.14%	0	0	0.0%	6,657	6,012	10.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,680	1,244	115.43%	0	0	0.0%	9,232	8,794	5.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Options												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	853	0	0.00%	0	0	0.0%	2,710	2,131	27.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	8,799	5,011	75.59%	0	0	0.0%	39,582	24,535	61.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	315	0	0.00%	0	0	0.0%	736	135	445.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	109	1,201	-90.92%	0	0	0.0%	3,040	5,443	-44.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,435	1,066	34.62%	0	0	0.0%	12,134	4,789	153.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,257	5,323	-76.39%	0	0	0.0%	8,015	12,307	-34.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	0	0.00%	0	0	0.0%	2,433	3,057	-20.4%
EUR/CHF MONTHLY OPTIONS	0	-	-	0	-		0	-	-	0	-	-
EUR/GBP MONTHLY OPTIONS	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%	928	158	487.34%	0	0	0.0%	32,014	13,375	139.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,329	775	329.55%	0	0	0.0%	26,475	12,018	120.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	4,559	2,149	112.15%	0	0	0.0%	24,245	9,395	158.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,286	170	1,244.71%	0	0	0.0%	14,537	12,694	14.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,903	1,106	162.48%	0	0	0.0%	10,314	2,061	400.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	231,004	235,739	-2.01%	0	0	0.0%	1,669,604	1,589,215	5.1%
EUR/USD THURSDAY WKLY O	0	0	0.0%	1,231	861	42.97%	0	0	0.0%	8,901	6,215	43.2%
EUR/USD THURSDAY WKLY O	0	0	0.0%	288	285	1.05%	0	0	0.0%	6,701	4,484	49.4%
EUR/USD THURSDAY WKLY O	0	0	0.0%	1,155	40	2,787.50%	0	0	0.0%	12,203	4,528	169.5%
EUR/USD THURSDAY WKLY O	0	0	0.0%	2,768	481	475.47%	0	0	0.0%	7,696	6,799	13.2%
EUR/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,982	99	2,912.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	1,180	1,015	16.26%	0	0	0.0%	7,025	1,709	311.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	154	458	-66.38%	0	0	0.0%	5,553	5,352	3.8%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	5,827	677	760.71%	0	0	0.0%	16,729	5,585	199.5%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	664	421	57.72%	0	0	0.0%	5,692	3,758	51.5%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	1,372	0	0.00%	0	0	0.0%	2,750	1,419	93.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	33,953	51	66,474.51%	0	0	0.0%	61,552	13,583	353.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	19,580	22,596	-13.35%	0	0	0.0%	132,807	122,060	8.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,267	44,030	-74.41%	0	0	0.0%	172,846	162,995	6.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,087	12,809	33.40%	0	0	0.0%	134,300	188,364	-28.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	881	0	0.00%	0	0	0.0%	48,009	19,227	149.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,397	4,976	8.46%	0	0	0.0%	42,769	31,598	35.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,841	3,633	5.73%	0	0	0.0%	35,634	39,367	-9.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,244	2,651	60.09%	0	0	0.0%	28,803	32,263	-10.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,440	2,805	93.94%	0	0	0.0%	40,539	30,436	33.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Options												
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,078	0	0.00%	0	0	0.0%	12,333	10,434	18.2%
EVENT CONTRACT EUR/USD	0	0	0.0%	1,910	6,356	-69.95%	0	0	0.0%	15,661	37,060	-57.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	113	21	438.10%	0	0	0.0%	5,886	4,357	35.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	356	717	-50.35%	0	0	0.0%	4,782	7,903	-39.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	416	80	420.00%	0	0	0.0%	6,068	2,451	147.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,158	173	569.36%	0	0	0.0%	6,832	3,238	111.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,335	191	598.95%	0	0	0.0%	8,119	591	1,273.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	52,448	55,764	-5.95%	0	0	0.0%	403,745	407,573	-0.9%
GBP/USD THURSDAY WKLY O	0	0	0.0%	14	159	-91.19%	0	0	0.0%	2,096	1,467	42.9%
GBP/USD THURSDAY WKLY O	0	0	0.0%	351	860	-59.19%	0	0	0.0%	1,252	1,576	-20.6%
GBP/USD THURSDAY WKLY O	0	0	0.0%	382	289	32.18%	0	0	0.0%	3,272	2,072	57.9%
GBP/USD THURSDAY WKLY O	0	0	0.0%	459	108	325.00%	0	0	0.0%	1,400	866	61.7%
GBP/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	272	291	-6.5%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	19	30	-36.67%	0	0	0.0%	1,087	974	11.6%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	26	293	-91.13%	0	0	0.0%	1,334	2,533	-47.3%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	69	86	-19.77%	0	0	0.0%	1,037	1,677	-38.2%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	780	132	490.91%	0	0	0.0%	1,498	1,416	5.8%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	1,194	0	0.00%	0	0	0.0%	1,328	341	289.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,615	0	0.00%	0	0	0.0%	9,853	2,682	267.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,359	3,623	-62.49%	0	0	0.0%	16,593	21,372	-22.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,415	3,755	-9.05%	0	0	0.0%	48,675	27,728	75.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,255	2,699	94.70%	0	0	0.0%	53,928	14,719	266.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	410	0	0.00%	0	0	0.0%	18,640	4,028	362.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	99	1,324	-92.52%	0	0	0.0%	6,687	5,303	26.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	286	857	-66.63%	0	0	0.0%	4,305	7,859	-45.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	549	2,099	-73.84%	0	0	0.0%	13,949	8,795	58.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,106	351	500.00%	0	0	0.0%	6,740	5,063	33.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	793	0	0.00%	0	0	0.0%	3,013	665	353.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,779	348	698.56%	0	0	0.0%	20,997	3,851	445.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,823	505	260.99%	0	0	0.0%	19,181	11,147	72.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,292	104	1,142.31%	0	0	0.0%	9,608	2,084	361.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,254	155	1,354.19%	0	0	0.0%	7,134	5,829	22.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,919	1,130	158.32%	0	0	0.0%	5,310	2,177	143.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	114,549	132,733	-13.70%	0	0	0.0%	800,783	660,230	21.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
FX Options												
JPY/USD THURSDAY WKLY OP	0	0	0.0%	537	1,502	-64.25%	0	0	0.0%	11,870	1,644	622.0%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	243	606	-59.90%	0	0	0.0%	3,234	716	351.7%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	92	12	666.67%	0	0	0.0%	3,773	235	1,505.5%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	542	10	5,320.00%	0	0	0.0%	6,573	149	4,311.4%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,107	253	337.5%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	111	19	484.21%	0	0	0.0%	3,801	110	3,355.5%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	81	38	113.16%	0	0	0.0%	1,904	3,367	-43.5%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	1,046	159	557.86%	0	0	0.0%	6,382	2,127	200.0%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	2,399	529	353.50%	0	0	0.0%	7,999	1,513	428.7%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	2,338	0	0.00%	0	0	0.0%	4,081	37	10,929.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	20,342	2	1,017,000.00%	0	0	0.0%	40,381	3,234	1,148.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,972	9,491	-16.00%	0	0	0.0%	79,250	46,156	71.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	16,471	4,573	260.18%	0	0	0.0%	81,761	48,349	69.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,321	15,032	-31.34%	0	0	0.0%	75,063	46,873	60.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	120	0	0.00%	0	0	0.0%	20,377	9,352	117.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,091	6,956	-41.19%	0	0	0.0%	42,929	20,538	109.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,453	4,140	31.71%	0	0	0.0%	32,790	18,720	75.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,351	3,756	42.47%	0	0	0.0%	30,549	23,364	30.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	11,226	2,218	406.13%	0	0	0.0%	48,321	15,462	212.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	7,341	0	0.00%	0	0	0.0%	14,907	3,102	380.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	712	1,561	-54.39%	0	0	0.0%	10,500	3,305	217.7%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	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	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	549	-	-
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	8	-	-
NZD/USD MONTHLY OPTIONS	0	0	0.0%	37	77	-51.95%	0	0	0.0%	242	221	9.5%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
USD/CNH MONTHLY OPTIONS	0	0	0.0%	565	0	0.00%	0	0	0.0%	980	51	1,821.6%
USD/CNH WEEKLY FRIDAY OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	34	-100.0%
ZAR/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	1,047	730	43.42%	0	0	0.0%	3,999	2,921	36.9%
BLOOMBERG COMMOD INDEX	0	0	0.0%	22,044	4,038	445.91%	0	0	0.0%	192,623	171,813	12.1%
BLOOMBERG COMMOD INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BUTTER CS	0	0	0.0%	2,780	3,108	-10.55%	0	0	0.0%	30,380	24,329	24.9%
CASH-SETTLED CHEESE	0	0	0.0%	10,044	14,038	-28.45%	0	0	0.0%	95,275	94,842	0.5%
CAT EURO SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
CATTLE	0	0	0.0%	1,544,304	1,528,778	1.02%	0	0	0.0%	9,419,540	9,678,348	-2.7%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	150	-100.0%
CDD WEATHER	0	0	0.0%	925	0	0.00%	0	0	0.0%	1,175	0	0.0%
CHI WHEAT	0	0	0.0%	2,172,429	2,769,093	-21.55%	0	0	0.0%	19,346,416	18,339,807	5.5%
CLASS IV MILK	0	0	0.0%	697	1,402	-50.29%	0	0	0.0%	10,977	7,482	46.7%
CORN	0	0	0.0%	8,109,394	6,754,918	20.05%	0	0	0.0%	57,369,516	51,165,358	12.1%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	45	0	0.00%	0	0	0.0%	274	0	0.0%
DRY WHEY	0	0	0.0%	796	811	-1.85%	0	0	0.0%	6,993	7,840	-10.8%
FEEDER CATTLE	0	0	0.0%	383,937	360,188	6.59%	0	0	0.0%	2,347,826	2,415,225	-2.8%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
GOLDMAN SACHS	0	0	0.0%	1,887	1,687	11.86%	0	0	0.0%	13,167	12,150	8.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	23	-100.0%
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%	1,562,212	1,124,528	38.92%	0	0	0.0%	8,959,035	7,801,433	14.8%
HOUSING INDEX	0	0	0.0%	36	18	100.00%	0	0	0.0%	150	106	41.5%
IN DELIVERY EUA	0	-	-	800	-		0	-	-	6,363	-	-
KC WHEAT	0	0	0.0%	1,024,669	1,009,932	1.46%	0	0	0.0%	9,634,514	7,326,497	31.5%
LUMBER	0	0	0.0%	23,033	15,198	51.55%	0	0	0.0%	168,072	97,038	73.2%
MALAYSIAN PALM SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	34,637	41,403	-16.34%	0	0	0.0%	291,110	221,522	31.4%
MINI CORN	0	0	0.0%	23,436	53,328	-56.05%	0	0	0.0%	203,129	247,830	-18.0%
MINI SOYBEAN	0	0	0.0%	44,623	65,263	-31.63%	0	0	0.0%	291,573	301,858	-3.4%
MINI WHEAT	0	0	0.0%	24,796	54,171	-54.23%	0	0	0.0%	165,184	210,310	-21.5%
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%	4,485	3,998	12.18%	0	0	0.0%	32,938	34,172	-3.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Ag Products Futures												
OATS	0	0	0.0%	13,718	13,288	3.24%	0	0	0.0%	107,019	93,185	14.8%
OTC SP GSCI ER SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	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%	197	1,688	-88.33%	0	0	0.0%	1,273	10,747	-88.2%
ROUGH RICE	0	0	0.0%	17,455	12,812	36.24%	0	0	0.0%	149,906	119,529	25.4%
SOYBEAN	0	0	0.0%	5,357,962	4,370,630	22.59%	0	0	0.0%	38,178,723	34,513,931	10.6%
SOYBEAN MEAL	0	0	0.0%	3,759,106	2,705,536	38.94%	0	0	0.0%	24,779,602	19,660,034	26.0%
SOYBEAN OIL	0	0	0.0%	4,840,210	3,034,226	59.52%	0	0	0.0%	25,143,565	21,514,458	16.9%
S&P GSCI ENHANCED ER SWA	-	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%	10	0	0.0%
WHEAT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	30	-100.0%
Ag Products Options												
AUG-DEC SOYBEAN MEAL CS	0	0	0.0%	3,000	500	500.00%	0	0	0.0%	3,000	1,950	53.8%
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	1,081	350	208.86%	0	0	0.0%	2,296	1,410	62.8%
BLOCK CHEESE	0	0	0.0%	582	438	32.88%	0	0	0.0%	6,305	1,990	216.8%
BUTTER CS	0	0	0.0%	1,216	2,236	-45.62%	0	0	0.0%	19,230	13,684	40.5%
CASH-SETTLED CHEESE	0	0	0.0%	2,728	8,483	-67.84%	0	0	0.0%	37,353	46,294	-19.3%
CAT EURO SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
CATTLE	0	0	0.0%	475,118	312,657	51.96%	0	0	0.0%	3,383,966	2,079,857	62.7%
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%	540,285	738,781	-26.87%	0	0	0.0%	4,874,814	4,593,256	6.1%
CLASS IV MILK	0	0	0.0%	5,357	13,052	-58.96%	0	0	0.0%	38,234	45,981	-16.8%
CORN	0	0	0.0%	2,971,735	4,345,606	-31.62%	0	0	0.0%	17,596,341	20,133,630	-12.6%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	2,790	10,862	-74.31%	0	0	0.0%	18,876	241,025	-92.2%
DEC-DEC CORN CAL SPRD	0	0	0.0%	5,905	426	1,286.15%	0	0	0.0%	23,615	5,664	316.9%
DEC-JUL SOYBEAN MEAL CSO	0	-	-	0	-		0	-	-	0	-	-
DEC-JULY CORN CAL SPRD	0	0	0.0%	1,593	800	99.13%	0	0	0.0%	12,898	12,942	-0.3%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	350	-100.0%
DRY WHEY	0	0	0.0%	180	0	0.00%	0	0	0.0%	1,924	73	2,535.6%
FEEDER CATTLE	0	0	0.0%	70,995	49,872	42.35%	0	0	0.0%	467,374	394,577	18.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Ag Products Options												
FERTILIZER PRODUCTS	0	-	-	0	-		0	-	-	0	-	-
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%	407,372	339,354	20.04%	0	0	0.0%	2,566,236	2,114,350	21.4%
JAN-MAR SOYBEAN CSO	0	-	-	0	-		0	-	-	500	-	-
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	0	774	-100.00%	0	0	0.0%	11,943	90,019	-86.7%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	9,880	2,270	335.2%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,650	2,560	3.5%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	7,555	0	0.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	10	-100.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	67,538	69,443	-2.7%
KC WHEAT	0	0	0.0%	54,284	63,174	-14.07%	0	0	0.0%	878,164	537,922	63.3%
LUMBER	0	0	0.0%	1,415	280	405.36%	0	0	0.0%	7,050	1,738	305.6%
LV CATL CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	100	60	66.7%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	700	-100.00%	0	0	0.0%	4,957	12,681	-60.9%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	1,600	0	0.00%	0	0	0.0%	1,600	30	5,233.3%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,154	0	0.0%
MILK	0	0	0.0%	20,488	25,991	-21.17%	0	0	0.0%	176,382	153,026	15.3%
MLK MID OPTIONS	0	0	0.0%	5	4	25.00%	0	0	0.0%	15	19	-21.1%
NFD MILK	0	0	0.0%	2,131	2,868	-25.70%	0	0	0.0%	18,130	24,885	-27.1%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	1,570	0	0.00%	0	0	0.0%	2,945	200	1,372.5%
NOV-MAR SOYBEAN CSO	0	0	0.0%	1,120	0	0.00%	0	0	0.0%	10,080	15	67,100.0%
OATS	0	0	0.0%	81	335	-75.82%	0	0	0.0%	1,151	1,178	-2.3%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-		0	-	-	0	-	-
PORK CUTOUT	0	0	0.0%	0	4	-100.00%	0	0	0.0%	0	11	-100.0%
ROUGH RICE	0	0	0.0%	2,146	2,247	-4.49%	0	0	0.0%	10,734	17,806	-39.7%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	500	300	66.67%	0	0	0.0%	500	300	66.7%
SOYBEAN	0	0	0.0%	1,978,327	1,747,816	13.19%	0	0	0.0%	12,996,785	10,753,323	20.9%
SOYBEAN CRUSH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
SOYBEAN MEAL	0	0	0.0%	387,388	331,703	16.79%	0	0	0.0%	3,215,278	2,503,155	28.4%
SOYBEAN OIL	0	0	0.0%	543,728	511,093	6.39%	0	0	0.0%	2,378,462	2,655,581	-10.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
Ag Products Options												
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	9,312	13,503	-31.04%	0	0	0.0%	28,682	55,991	-48.8%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	5,450	0	0.00%	0	0	0.0%	10,105	2,230	353.1%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	1,300	0	0.00%	0	0	0.0%	8,375	175	4,685.7%
WHEAT	0	0	0.0%	5,347	1,216	339.72%	0	0	0.0%	52,267	14,153	269.3%
WHEAT-CORN ICSCO	0	0	0.0%	0	0	0.00%	0	0	0.0%	980	225	335.6%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	1,150	510	125.49%	0	0	0.0%	24,761	4,202	489.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	389,922	401,277	-2.8%	191,397,606	138,833,842	37.9%	3,278,978	5,401,607	-39.3%	1,435,303,237	1,291,854,016	11.1%
Equity Index Futures	0	0	0.0%	125,952,612	83,674,261	50.5%	0	0	0.0%	759,610,210	755,999,231	0.5%
Metals Futures	0	0	0.0%	13,668,564	10,072,114	35.7%	0	0	0.0%	93,924,807	76,929,159	22.1%
Energy Futures	0	0	0.0%	42,750,719	32,359,112	32.1%	0	0	0.0%	278,430,602	244,451,255	13.9%
FX Futures	0	0	0.0%	19,849,069	16,777,110	18.3%	0	0	0.0%	140,520,520	126,333,824	11.2%
Ag Products Futures	0	0	0.0%	28,981,704	23,944,810	21.0%	0	0	0.0%	196,950,327	174,072,972	13.1%
TOTAL FUTURES	389,922	401,277	-2.8%	422,600,274	305,661,249	38.3%	3,278,978	5,401,607	-39.3%	2,904,739,703	2,669,640,457	8.8%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	32,613,647	22,218,741	46.8%	0	0	0.0%	220,735,198	171,953,840	28.4%
Interest Rate Options	18,738,500	14,743,301	27.1%	36,519,992	27,824,281	31.3%	149,099,177	180,045,002	-17.2%	256,841,833	237,440,829	8.2%
Metals Options	0	0	0.0%	2,485,051	1,160,336	114.2%	0	0	0.0%	14,738,282	10,182,648	44.7%
Energy Options	0	0	0.0%	6,268,923	3,417,380	83.4%	0	0	0.0%	41,408,135	24,245,418	70.8%
FX Options	0	0	0.0%	806,582	736,044	9.6%	0	0	0.0%	5,628,297	4,884,988	15.2%
Ag Products Options	0	0	0.0%	7,507,279	8,525,935	-11.9%	0	0	0.0%	48,981,185	46,590,246	5.1%
TOTAL OPTIONS	18,738,500	14,743,301	27.1%	86,201,474	63,882,717	34.9%	149,099,177	180,045,002	-17.2%	588,332,930	495,297,969	18.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2024	Open Outcry JUL 2023	% CHG	ELEC JUL 2024	ELEC JUL 2023	% CHG	Open Outcry Y.T.D 2024	Open Outcry Y.T.D 2023	% CHG	ELEC Y.T.D 2024	ELEC Y.T.D 2023	% CHG
TOTAL COMBINED												
Interest Rate	19,128,422	15,144,578	26.3%	227,917,598	166,658,123	36.8%	152,378,155	185,446,609	-17.8%	1,692,145,070	1,529,294,845	10.6%
Equity Index	0	0	0.0%	158,566,259	105,893,002	49.7%	0	0	0.0%	980,345,408	927,953,071	5.6%
Metals	0	0	0.0%	16,153,615	11,232,450	43.8%	0	0	0.0%	108,663,089	87,111,807	24.7%
Energy	0	0	0.0%	49,019,642	35,776,492	37.0%	0	0	0.0%	319,838,737	268,696,673	19.0%
FX	0	0	0.0%	20,655,651	17,513,154	17.9%	0	0	0.0%	146,148,817	131,218,812	11.4%
Ag Products	0	0	0.0%	36,488,983	32,470,745	12.4%	0	0	0.0%	245,931,512	220,663,218	11.5%
GRAND TOTAL	19,128,422	15,144,578	26.3%	508,801,748	369,543,966	37.7%	152,378,155	185,446,609	-17.8%	3,493,072,633	3,164,938,426	10.4%

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