

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	10,347	4,804	115.38%	0	0	0.0%	52,650	24,937	111.1%
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%	60,998,742	61,746,760	-1.21%	0	0	0.0%	545,145,249	452,261,758	20.5%
10Y YIELD	0	0	0.0%	163,674	152,913	7.04%	0	0	0.0%	1,458,579	1,187,490	22.8%
13-Week U.S. T-Bill Futures	0	0	0.0%	26,450	16,014	65.17%	0	0	0.0%	278,363	34,674	702.8%
15-YR Eris LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
1-MONTH EURODOLLAR	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%	1,715	2,731	-37.20%	0	0	0.0%	26,050	29,828	-12.7%
20-YR BOND	0	0	0.0%	0	46	-100.00%	0	0	0.0%	0	3,883	-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%	6,416	3,221	99.19%	0	0	0.0%	67,486	34,415	96.1%
2-YR NOTE	0	0	0.0%	31,561,661	28,965,914	8.96%	0	0	0.0%	225,347,582	176,055,837	28.0%
2Y YIELD	0	0	0.0%	2,212	4,477	-50.59%	0	0	0.0%	39,865	67,254	-40.7%
30-Year UMBS TBA Futures - 2.5	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,005	-100.0%
30-Year UMBS TBA Futures - 3.0	0	0	0.0%	128	278	-53.96%	0	0	0.0%	3,681	4,056	-9.2%
30-Year UMBS TBA Futures - 3.5	0	0	0.0%	279	660	-57.73%	0	0	0.0%	4,743	5,381	-11.9%
30-Year UMBS TBA Futures - 4.0	0	0	0.0%	271	495	-45.25%	0	0	0.0%	8,605	6,567	31.0%
30-Year UMBS TBA Futures - 4.5	0	0	0.0%	600	1,452	-58.68%	0	0	0.0%	13,340	13,623	-2.1%
30-Year UMBS TBA Futures - 5.0	0	0	0.0%	674	3,398	-80.16%	0	0	0.0%	26,660	17,392	53.3%
30-Year UMBS TBA Futures - 5.5	0	0	0.0%	1,596	2,210	-27.78%	0	0	0.0%	30,072	13,491	122.9%
30-Year UMBS TBA Futures - 6.0	0	0	0.0%	850	1,828	-53.50%	0	0	0.0%	20,331	10,819	87.9%
30-YR BOND	0	0	0.0%	15,703,998	13,906,912	12.92%	0	0	0.0%	122,424,276	99,283,805	23.3%
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%	13	1,005	-98.71%	0	0	0.0%	930	12,265	-92.4%
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%	539	1,092	-50.64%	0	0	0.0%	45,482	21,149	115.1%
3-YR NOTE	0	0	0.0%	176,831	163,368	8.24%	0	0	0.0%	2,120,283	1,354,154	56.6%

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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%	1,084	703	54.20%	0	0	0.0%	9,695	8,553	13.4%
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%	18,480	12,833	44.00%	0	0	0.0%	157,262	102,880	52.9%
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%	53,115,150	55,193,680	-3.77%	0	0	0.0%	396,138,163	348,134,585	13.8%
5Y YIELD	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	969	-99.5%
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%	1,046	1,362	-23.20%	0	0	0.0%	9,203	9,278	-0.8%
BBG Duration-Hedged Credit Ind	0	-	-	5,088	-		0	-	-	38,242	-	-
BBG HY Credit Index	0	-	-	1,295	-		0	-	-	7,551	-	-
BBG IG Credit Index	0	-	-	2,207	-		0	-	-	21,802	-	-
BSBY 3-MONTH FUTURES	0	0	0.0%	0	195	-100.00%	0	0	0.0%	892	32,232	-97.2%
ESTR	0	0	0.0%	242,828	275,896	-11.99%	0	0	0.0%	3,356,341	1,332,729	151.8%
ESTR Basis Spread Futures	0	0	0.0%	34,399	1,252	2,647.52%	0	0	0.0%	60,910	15,019	305.6%
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%	8,549,382	7,184,322	19.00%	0	0	0.0%	93,321,265	103,151,710	-9.5%
FTIIE	0	0	0.0%	95	0	0.00%	0	0	0.0%	1,987	1,774	12.0%
MICRO ULTRA 10-YEAR NOTE	0	-	-	16,597	-		0	-	-	271,892	-	-
MICRO ULTRA T-BOND	0	-	-	20,792	-		0	-	-	262,990	-	-
SOFR	577,306	519,292	11.2%	79,919,970	81,671,067	-2.14%	5,781,432	6,798,497	-15.0%	826,606,899	760,532,729	8.7%
SONIA	0	0	0.0%	0	25	-100.00%	0	0	0.0%	502	390	28.7%
UBSBM	0	0	0.0%	148	2,900	-94.90%	0	0	0.0%	8,677	4,250	104.2%
Ultra 10-Year Note	0	0	0.0%	20,278,069	17,355,278	16.84%	0	0	0.0%	153,877,845	111,522,693	38.0%
ULTRA T-BOND	0	0	0.0%	12,193,862	11,551,444	5.56%	0	0	0.0%	94,296,677	68,121,534	38.4%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	20,834,244	18,467,206	12.82%	0	0	0.0%	207,816,646	161,136,980	29.0%
2-YR NOTE	0	0	0.0%	408,261	526,672	-22.48%	0	0	0.0%	7,585,783	5,340,049	42.1%
30-YR BOND	0	0	0.0%	4,618,208	3,637,992	26.94%	0	0	0.0%	41,502,917	32,354,079	28.3%
5-YR NOTE	0	0	0.0%	3,790,406	4,454,722	-14.91%	0	0	0.0%	56,421,447	64,312,127	-12.3%
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	2,000	-100.00%	0	0	0.0%	0	2,004	-100.0%
SOFR	12,083,682	19,491,581	-38.0%	6,613,549	8,144,985	-18.80%	187,379,394	201,144,641	-6.8%	90,831,097	89,519,142	1.5%
SOFR MIDCURVE	4,148,520	6,046,534	-31.4%	2,619,799	3,119,383	-16.02%	49,195,322	49,779,931	-1.2%	22,603,386	21,317,641	6.0%
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%	19,290	9,560	101.78%	0	0	0.0%	225,351	49,357	356.6%
ULTRA 10-YEAR NOTE	0	0	0.0%	180	294	-38.78%	0	0	0.0%	1,238	294	321.1%
ULTRA T-BOND	0	0	0.0%	25,683	18,648	37.73%	0	0	0.0%	246,820	79,986	208.6%
Equity Index Futures												
AIR	0	0	0.0%	8,514	37,853	-77.51%	0	0	0.0%	417,829	58,975	608.5%
BITCOIN	0	0	0.0%	622,332	265,517	134.38%	0	0	0.0%	3,740,773	2,397,721	56.0%
DJ US REAL ESTATE SECTOR	0	0	0.0%	27,601	21,240	29.95%	0	0	0.0%	388,192	331,571	17.1%
E-mini (\$5) Dow	0	0	0.0%	2,343,380	2,786,277	-15.90%	0	0	0.0%	32,454,533	39,642,238	-18.1%
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%	182,561	303,845	-39.92%	0	0	0.0%	2,783,925	3,053,164	-8.8%
E-MINI NASDAQ 100	0	0	0.0%	10,606,607	12,578,515	-15.68%	0	0	0.0%	144,917,828	153,614,965	-5.7%
E-MINI RUSSELL 1000	0	0	0.0%	1,923	2,484	-22.58%	0	0	0.0%	26,757	28,259	-5.3%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	3,189	1,882	69.45%	0	0	0.0%	48,066	26,505	81.3%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,545	1,784	154.76%	0	0	0.0%	67,160	48,090	39.7%
E-MINI RUSSELL 2000	0	0	0.0%	3,494,828	4,563,536	-23.42%	0	0	0.0%	47,193,461	50,132,330	-5.9%
E-MINI S&P500	0	0	0.0%	28,857,632	31,361,322	-7.98%	0	0	0.0%	368,876,861	410,484,751	-10.1%
E-MINI S&P 500 Equal Weight	0	-	-	4,525	-	-	0	-	-	21,843	-	-
E-MINI S&P500 ESG	0	0	0.0%	9,827	14,991	-34.45%	0	0	0.0%	183,225	202,933	-9.7%
ETHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER FUTURES	0	0	0.0%	189,232	137,323	37.80%	0	0	0.0%	1,285,975	1,148,473	12.0%

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Equity Index Futures												
FT-SE 100	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	841	-100.0%
IBOVESPA INDEX	0	0	0.0%	2	2	0.00%	0	0	0.0%	44	329	-86.6%
MICRO BITCOIN	0	0	0.0%	2,137,653	262,741	713.60%	0	0	0.0%	10,307,656	2,291,888	349.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	25,449,111	21,016,152	21.09%	0	0	0.0%	312,899,565	253,889,019	23.2%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,706,646	1,524,641	11.94%	0	0	0.0%	18,647,992	17,557,461	6.2%
MICRO E-MINI S&P500	0	0	0.0%	17,570,635	16,319,492	7.67%	0	0	0.0%	212,349,863	234,067,464	-9.3%
MICRO ETHER	0	0	0.0%	1,674,194	219,097	664.13%	0	0	0.0%	7,949,901	2,003,087	296.9%
MICRO MINI \$5 DOW	0	0	0.0%	2,223,634	1,413,025	57.37%	0	0	0.0%	23,429,941	24,090,404	-2.7%
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%	3	4	-25.00%	0	0	0.0%	442	1,198	-63.1%
Nearby BTIC+	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	128,087	119,730	6.98%	0	0	0.0%	2,140,117	1,546,017	38.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	544,001	619,090	-12.13%	0	0	0.0%	6,779,824	7,109,622	-4.6%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	636	30	2,020.00%	0	0	0.0%	9,561	2,198	335.0%
S&P 500	0	0	0.0%	173	1,019	-83.02%	0	0	0.0%	3,104	5,964	-48.0%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	35,143	49,180	-28.54%	0	0	0.0%	381,231	407,198	-6.4%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	3,249	12,092	-73.13%	0	0	0.0%	61,676	105,525	-41.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	1,123	77	1,358.44%	0	0	0.0%	15,525	582	2,567.5%
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	296	499	-40.68%	0	0	0.0%	4,906	6,105	-19.6%
S&P COMMUNICATION SERVIC	0	0	0.0%	2,500	1,505	66.11%	0	0	0.0%	82,465	39,238	110.2%
S&P CONSUMER DISCRETION	0	0	0.0%	4,690	4,379	7.10%	0	0	0.0%	72,213	59,546	21.3%
S&P CONSUMER STAPLES SE	0	0	0.0%	11,879	9,080	30.83%	0	0	0.0%	174,728	181,866	-3.9%
S&P ENERGY SECTOR	0	0	0.0%	13,091	19,333	-32.29%	0	0	0.0%	244,401	261,577	-6.6%
S&P FINANCIAL SECTOR	0	0	0.0%	11,548	8,333	38.58%	0	0	0.0%	235,641	219,905	7.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,211	7,379	11.28%	0	0	0.0%	147,281	134,493	9.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	7,403	6,902	7.26%	0	0	0.0%	120,562	119,201	1.1%
S&P MATERIALS SECTOR	0	0	0.0%	6,017	5,183	16.09%	0	0	0.0%	99,213	84,422	17.5%
S&P OIL & GAS EXPLORATION	0	0	0.0%	110	101	8.91%	0	0	0.0%	2,077	1,877	10.7%
S&P REAL ESTATE SECTOR	0	0	0.0%	7,796	2,847	173.83%	0	0	0.0%	101,575	63,482	60.0%
S&P REGIONAL BANKS SECTO	0	0	0.0%	5,488	858	539.63%	0	0	0.0%	13,745	8,507	61.6%
S&P RETAIL SECTOR	0	0	0.0%	89	101	-11.88%	0	0	0.0%	1,219	2,304	-47.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	8,119	6,064	33.89%	0	0	0.0%	145,276	114,031	27.4%
S&P UTILITIES SECTOR	0	0	0.0%	10,501	17,860	-41.20%	0	0	0.0%	230,578	196,654	17.3%
TOPIX (USD)	0	0	0.0%	0	60	-100.00%	0	0	0.0%	519	886	-41.4%

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Equity Index Futures												
TOPIX (YEN)	0	0	0.0%	8	494	-98.38%	0	0	0.0%	9,337	3,393	175.2%
WATER INDEX FUTURES	0	0	0.0%	10	18	-44.44%	0	0	0.0%	176	167	5.4%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	5,895	2,450	140.61%	0	0	0.0%	40,485	30,040	34.8%
DJIA	0	0	0.0%	1,701	1,284	32.48%	0	0	0.0%	15,676	63,563	-75.3%
E-mini (\$5) Dow	0	0	0.0%	1,790	122	1,367.21%	0	0	0.0%	13,644	6,273	117.5%
E-MINI NASDAQ 100	0	0	0.0%	1,681,876	1,395,320	20.54%	0	0	0.0%	19,994,267	15,253,973	31.1%
E-MINI RUSSELL 2000	0	0	0.0%	363,766	314,472	15.68%	0	0	0.0%	3,786,233	1,698,951	122.9%
E-MINI S&P500	0	0	0.0%	23,689,091	27,676,519	-14.41%	0	0	0.0%	312,470,740	283,251,787	10.3%
ETHER OPTIONS	0	0	0.0%	2,141	2,625	-18.44%	0	0	0.0%	24,036	17,803	35.0%
EVENT CONTRACT S&P 500	0	0	0.0%	3,090	4,625	-33.19%	0	0	0.0%	17,384	70,440	-75.3%
MICRO BITCOIN	0	0	0.0%	34,664	20,849	66.26%	0	0	0.0%	169,402	133,095	27.3%
MICRO E-MINI NASDAQ 100	0	0	0.0%	117,286	55,510	111.29%	0	0	0.0%	1,069,725	629,445	69.9%
Micro E-mini S&P 500	0	0	0.0%	220,734	371,185	-40.53%	0	0	0.0%	3,345,744	2,894,564	15.6%
MICRO ETHER	0	0	0.0%	24,263	94,402	-74.30%	0	0	0.0%	184,041	294,589	-37.5%
S&P 500	0	-	-	238	-		0	-	-	4,519	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	68,000	159,113	-57.26%	0	0	0.0%	1,474,203	1,028,183	43.4%
COBALT METAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	52	409	-87.3%
COMEX COPPER	0	0	0.0%	2,054,964	2,616,412	-21.46%	0	0	0.0%	25,690,343	23,617,613	8.8%
COMEX E-Mini GOLD	0	0	0.0%	24,060	23,010	4.56%	0	0	0.0%	315,849	340,231	-7.2%
COMEX E-Mini SILVER	0	0	0.0%	10,412	7,064	47.40%	0	0	0.0%	136,833	65,900	107.6%
COMEX GOLD	0	0	0.0%	5,699,855	5,177,559	10.09%	0	0	0.0%	55,334,514	51,672,696	7.1%
COMEX MINY COPPER	0	0	0.0%	3,150	5,781	-45.51%	0	0	0.0%	47,588	61,534	-22.7%
COMEX SILVER	0	0	0.0%	1,745,884	1,774,276	-1.60%	0	0	0.0%	20,092,660	16,591,168	21.1%
COPPER	0	0	0.0%	234,411	93,288	151.28%	0	0	0.0%	2,806,299	1,142,974	145.5%
FERROUS PRODUCTS	0	0	0.0%	375	990	-62.12%	0	0	0.0%	4,715	5,057	-6.8%
GOLD	0	0	0.0%	18,253	6,760	170.01%	0	0	0.0%	183,578	12,274	1,395.7%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	1,197	1,997	-40.06%	0	0	0.0%	15,480	17,941	-13.7%
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%	88	155	-43.2%
MICRO GOLD	0	0	0.0%	2,841,730	1,217,754	133.36%	0	0	0.0%	24,264,707	15,020,067	61.5%
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%	9,472	11,486	-17.53%	0	0	0.0%	82,257	106,045	-22.4%
NYMEX PLATINUM	0	0	0.0%	486,819	553,643	-12.07%	0	0	0.0%	7,050,577	5,323,836	32.4%
PALLADIUM	0	0	0.0%	168,588	155,355	8.52%	0	0	0.0%	1,360,365	816,236	66.7%
SILVER	0	0	0.0%	443,248	241,586	83.47%	0	0	0.0%	4,431,271	2,480,653	78.6%
SPODUMENE	0	-	-	0	-		0	-	-	0	-	-
URANIUM	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	5	-60.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	7,564	727	940.44%	0	0	0.0%	47,586	10,087	371.8%
COMEX COPPER	0	0	0.0%	164,726	68,754	139.59%	0	0	0.0%	1,919,445	1,013,679	89.4%
COMEX GOLD	0	0	0.0%	1,350,782	944,192	43.06%	0	0	0.0%	12,941,031	10,069,516	28.5%
COMEX SILVER	0	0	0.0%	241,365	146,714	64.51%	0	0	0.0%	3,043,943	1,600,271	90.2%
COPPER	0	0	0.0%	14,438	8,706	65.84%	0	0	0.0%	168,441	98,509	71.0%
GOLD	0	0	0.0%	572,505	308,262	85.72%	0	0	0.0%	5,136,464	3,024,616	69.8%
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%	339	119	184.87%	0	0	0.0%	1,176	505	132.9%
NYMEX PLATINUM	0	0	0.0%	6,425	8,683	-26.00%	0	0	0.0%	92,358	55,044	67.8%
PALLADIUM	0	0	0.0%	1,726	907	90.30%	0	0	0.0%	14,938	5,621	165.8%
SILVER	0	0	0.0%	73,712	39,957	84.48%	0	0	0.0%	891,077	437,378	103.7%
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%	2,471,553	1,365,163	81.04%	0	0	0.0%	24,200,643	13,720,295	76.4%
CAR VINTAGE	0	0	0.0%	2,330	13,491	-82.73%	0	0	0.0%	124,298	110,764	12.2%
CEU ENERGY	0	0	0.0%	10,214	7,532	35.61%	0	0	0.0%	30,680	7,869	289.9%
CHICAGO ETHANOL SWAP	0	0	0.0%	116	308	-62.34%	0	0	0.0%	2,199	1,739	26.5%
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	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 NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	2,662	894	197.76%	0	0	0.0%	22,656	4,084	454.8%
CRUDE OIL PHY	0	0	0.0%	17,292,536	18,234,823	-5.17%	0	0	0.0%	219,651,103	208,736,722	5.2%
CRUDE OIL SPRDS	0	0	0.0%	805	723	11.34%	0	0	0.0%	10,377	3,136	230.9%
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%	284,927	36,213	686.81%	0	0	0.0%	447,584	267,592	67.3%
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	2,699	-100.00%	0	0	0.0%	513	26,046	-98.0%
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%	94,014	33	284,790.91%	0	0	0.0%	879,530	374	235,068.4%
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 NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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 FUEL CLNDR	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%	3,276,979	3,262,177	0.45%	0	0	0.0%	40,085,943	35,299,514	13.6%
HENRY HUB FINANCIAL LAST	0	-	-	0	-		0	-	-	5	-	-
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%	25	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%	462,124	307,852	50.11%	0	0	0.0%	3,592,201	2,833,693	26.8%
MARS (ARGUS) VS WTI SWAP	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												
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARG S COAL	0	0	0.0%	23	130	-82.31%	0	0	0.0%	673	3,254	-79.3%
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%	5	15	-66.67%	0	0	0.0%	87	121	-28.1%
MINY NATURAL GAS	0	0	0.0%	136,864	184,278	-25.73%	0	0	0.0%	1,488,139	2,414,362	-38.4%
MINY RBOB GAS	0	0	0.0%	6	5	20.00%	0	0	0.0%	73	97	-24.7%
MINY WTI CRUDE OIL	0	0	0.0%	156,887	287,071	-45.35%	0	0	0.0%	2,244,548	3,419,831	-34.4%
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%	10	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%	12	39	-69.23%	0	0	0.0%	2,515	338	644.1%
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%	10	19	-47.4%
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%	10	30	-66.7%
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%	114,542	73,015	56.87%	0	0	0.0%	1,065,710	710,323	50.0%
NATURAL GAS PEN SWP	0	0	0.0%	19	0	0.00%	0	0	0.0%	627	0	0.0%
NATURAL GAS PHY	0	0	0.0%	12,246,356	8,631,180	41.89%	0	0	0.0%	116,808,468	90,274,167	29.4%
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%	2	0	0.00%	0	0	0.0%	219	210	4.3%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
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%
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%	0	0	0.00%	0	0	0.0%	60	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%	3,540,118	2,884,221	22.74%	0	0	0.0%	41,233,787	37,992,847	8.5%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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 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	0.00%	-	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%	25	16	56.3%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	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	900	-100.00%	0	0	0.0%	700	900	-22.2%
BRENT OIL LAST DAY	0	0	0.0%	7	2,231	-99.69%	0	0	0.0%	13,977	40,155	-65.2%
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%	0	2,200	-100.00%	0	0	0.0%	7,050	7,925	-11.0%
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%	3,826	5,072	-24.57%	0	0	0.0%	22,338	69,888	-68.0%
CRUDE OIL PHY	0	0	0.0%	3,017,976	3,085,586	-2.19%	0	0	0.0%	35,382,079	25,717,603	37.6%
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	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%	784	917	-14.50%	0	0	0.0%	10,240	11,502	-11.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	1,266	1,739	-27.20%	0	0	0.0%	12,534	21,611	-42.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
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%
MCCLOSKEY ARA ARGV COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	8,424	296	2,745.95%	0	0	0.0%	64,930	8,361	676.6%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	890	14,434	-93.83%	0	0	0.0%	19,912	62,391	-68.1%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	446,390	79,265	463.2%
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%	3,792,874	2,054,214	84.64%	0	0	0.0%	34,053,516	18,168,271	87.4%
NY HARBOR HEAT OIL SWP	0	0	0.0%	15	43	-65.12%	0	0	0.0%	430	886	-51.5%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	30	-86.7%
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%	105	133	-21.05%	0	0	0.0%	2,454	4,888	-49.8%
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	4,687	-63.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,750	4,750	-63.2%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	6	0	0.00%	0	0	0.0%	55	170	-67.6%
AD/JY CROSS RATES	0	0	0.0%	2,617	1,658	57.84%	0	0	0.0%	55,071	16,658	230.6%
AD/NE CROSS RATES	0	0	0.0%	9,666	7,931	21.88%	0	0	0.0%	60,698	41,842	45.1%
AUSTRALIAN DOLLAR	0	0	0.0%	1,817,410	2,400,045	-24.28%	0	0	0.0%	24,987,240	23,138,195	8.0%
BP/JY CROSS RATES	0	0	0.0%	1,441	1,843	-21.81%	0	0	0.0%	34,052	23,394	45.6%
BP/SF CROSS RATES	0	0	0.0%	2,555	2,781	-8.13%	0	0	0.0%	33,806	24,253	39.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
BRAZIL REAL	0	0	0.0%	565,541	332,400	70.14%	0	0	0.0%	5,009,961	3,143,578	59.4%
BRITISH POUND	0	0	0.0%	2,187,255	2,267,721	-3.55%	0	0	0.0%	26,145,995	24,219,907	8.0%
CANADIAN DOLLAR	0	0	0.0%	1,813,548	1,613,848	12.37%	0	0	0.0%	22,404,879	19,187,907	16.8%
CD/JY CROSS RATES	0	0	0.0%	11	28	-60.71%	0	0	0.0%	3,611	606	495.9%
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%	90,066	85,162	5.76%	0	0	0.0%	808,531	398,997	102.6%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	6	-33.3%
CZECK KORUNA (US)	0	0	0.0%	0	1	-100.00%	0	0	0.0%	78	43	81.4%
EC/AD CROSS RATES	0	0	0.0%	3,548	1,304	172.09%	0	0	0.0%	39,606	54,322	-27.1%
EC/CD CROSS RATES	0	0	0.0%	1,279	3,313	-61.39%	0	0	0.0%	54,703	62,494	-12.5%
EC/NOK CROSS RATES	0	0	0.0%	968	1,141	-15.16%	0	0	0.0%	15,816	12,248	29.1%
EC/SEK CROSS RATES	0	0	0.0%	1,375	2,381	-42.25%	0	0	0.0%	16,915	27,396	-38.3%
EFX/BP CROSS RATES	0	0	0.0%	58,149	56,947	2.11%	0	0	0.0%	765,101	757,827	1.0%
EFX/JY CROSS RATES	0	0	0.0%	57,702	37,771	52.77%	0	0	0.0%	777,300	535,623	45.1%
EFX/SF CROSS RATES	0	0	0.0%	23,659	17,952	31.79%	0	0	0.0%	344,274	247,129	39.3%
E-MICRO USD/CAD	0	0	0.0%	0	21	-100.00%	0	0	0.0%	69	1,106	-93.8%
E-MICRO USD/CHF	0	0	0.0%	0	47	-100.00%	0	0	0.0%	166	1,436	-88.4%
E-MICRO USD/JPY	0	0	0.0%	0	1,075	-100.00%	0	0	0.0%	4,450	35,660	-87.5%
E-MINI EURO FX	0	0	0.0%	142,595	101,268	40.81%	0	0	0.0%	1,062,075	1,294,546	-18.0%
E-MINI JAPANESE YEN	0	0	0.0%	16,344	13,416	21.82%	0	0	0.0%	217,411	134,597	61.5%
EURO FX	0	0	0.0%	4,898,401	4,392,743	11.51%	0	0	0.0%	53,159,463	51,753,858	2.7%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	35	41	-14.6%
HUNGARIAN FORINT (US)	0	0	0.0%	37	0	0.00%	0	0	0.0%	207	86	140.7%
INDIAN RUPEE	0	0	0.0%	13,365	20,620	-35.18%	0	0	0.0%	208,420	272,263	-23.4%
JAPANESE YEN	0	0	0.0%	3,265,304	3,911,442	-16.52%	0	0	0.0%	41,962,777	39,797,289	5.4%
KOREAN WON	0	0	0.0%	1,334	2,719	-50.94%	0	0	0.0%	13,387	6,800	96.9%
MEXICAN PESO	0	0	0.0%	1,238,777	1,287,824	-3.81%	0	0	0.0%	16,810,942	14,648,873	14.8%
MICRO AUD/USD	0	0	0.0%	234,464	316,148	-25.84%	0	0	0.0%	2,790,768	3,074,834	-9.2%
MICRO CAD/USD	0	0	0.0%	67,793	56,122	20.80%	0	0	0.0%	643,231	573,956	12.1%
MICRO CHF/USD	0	0	0.0%	18,698	12,228	52.91%	0	0	0.0%	203,650	168,137	21.1%
MICRO EUR/USD	0	0	0.0%	732,927	581,463	26.05%	0	0	0.0%	5,686,420	6,704,283	-15.2%
MICRO GBP/USD	0	0	0.0%	64,457	73,061	-11.78%	0	0	0.0%	895,569	760,403	17.8%
MICRO INR/USD	0	0	0.0%	38	218	-82.57%	0	0	0.0%	859	4,310	-80.1%
MICRO JPY/USD	0	0	0.0%	4,761	0	0.00%	0	0	0.0%	30,406	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
MICRO USD/CNH	0	0	0.0%	3	0	0.00%	0	0	0.0%	29	0	0.0%
NEW ZEALND DOLLAR	0	0	0.0%	669,607	690,103	-2.97%	0	0	0.0%	8,148,614	7,273,474	12.0%
NKR/USD CROSS RATE	0	0	0.0%	3,746	1,617	131.66%	0	0	0.0%	63,190	32,893	92.1%
POLISH ZLOTY (EC)	0	0	0.0%	17	3	466.67%	0	0	0.0%	586	552	6.2%
POLISH ZLOTY (US)	0	0	0.0%	532	1,649	-67.74%	0	0	0.0%	14,013	13,228	5.9%
RMB USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	10	5	100.0%
RUSSIAN RUBLE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S.AFRICAN RAND	0	0	0.0%	105,621	83,101	27.10%	0	0	0.0%	1,291,471	885,719	45.8%
SF/JY CROSS RATES	0	0	0.0%	632	964	-34.44%	0	0	0.0%	12,225	6,533	87.1%
SHEKEL	0	0	0.0%	54	115	-53.04%	0	0	0.0%	932	1,458	-36.1%
SKR/USD CROSS RATES	0	0	0.0%	6,149	4,296	43.13%	0	0	0.0%	86,625	50,168	72.7%
SWISS FRANC	0	0	0.0%	592,244	425,371	39.23%	0	0	0.0%	7,441,725	4,988,259	49.2%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	20	-100.0%
USDZAR	0	0	0.0%	0	15	-100.00%	0	0	0.0%	0	215	-100.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	1,171	157	645.86%	0	0	0.0%	2,732	2,032	34.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	269	50	438.00%	0	0	0.0%	3,446	3,936	-12.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	68	49	38.78%	0	0	0.0%	3,665	2,088	75.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	927	83	1,016.87%	0	0	0.0%	5,072	3,259	55.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,510	730	243.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	68,917	86,326	-20.17%	0	0	0.0%	879,723	663,511	32.6%
AUD/USD THURSDAY WKLY O	0	0	0.0%	462	516	-10.47%	0	0	0.0%	2,300	1,614	42.5%
AUD/USD THURSDAY WKLY O	0	0	0.0%	81	14	478.57%	0	0	0.0%	1,176	884	33.0%
AUD/USD THURSDAY WKLY O	0	0	0.0%	679	12	5,558.33%	0	0	0.0%	3,910	1,280	205.5%
AUD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,293	1,617	103.6%
AUD/USD THURSDAY WKLY O	0	0	0.0%	0	69	-100.00%	0	0	0.0%	1,307	567	130.5%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	750	193	288.60%	0	0	0.0%	4,482	2,065	117.0%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	901	107	742.06%	0	0	0.0%	1,572	1,957	-19.7%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	265	118	124.58%	0	0	0.0%	3,896	1,407	176.9%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	484	19	2,447.37%	0	0	0.0%	2,963	1,310	126.2%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,969	483	307.7%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	12	1,158	-98.96%	0	0	0.0%	5,482	5,490	-0.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,279	1,077	111.61%	0	0	0.0%	20,423	13,676	49.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,383	1,741	36.88%	0	0	0.0%	25,171	15,512	62.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,796	1,051	166.03%	0	0	0.0%	23,287	16,178	43.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,426	766	347.26%	0	0	0.0%	10,175	4,044	151.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,571	73	2,052.05%	0	0	0.0%	9,362	4,475	109.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,496	345	333.62%	0	0	0.0%	7,669	3,223	137.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,350	2,416	-44.12%	0	0	0.0%	5,907	5,494	7.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,127	551	286.03%	0	0	0.0%	10,597	2,916	263.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	356	-100.00%	0	0	0.0%	2,567	1,635	57.0%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	5	345	-98.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,285	2,393	-46.30%	0	0	0.0%	7,686	9,457	-18.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	753	1,562	-51.79%	0	0	0.0%	7,122	11,100	-35.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	549	2,103	-73.89%	0	0	0.0%	7,568	9,266	-18.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	931	2,081	-55.26%	0	0	0.0%	12,063	12,110	-0.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,298	434	1,351.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	55,449	30,988	78.94%	0	0	0.0%	295,880	507,395	-41.7%
CAD/USD THURSDAY WKLY O	0	0	0.0%	903	1,572	-42.56%	0	0	0.0%	8,024	5,573	44.0%
CAD/USD THURSDAY WKLY O	0	0	0.0%	476	598	-20.40%	0	0	0.0%	5,285	3,652	44.7%
CAD/USD THURSDAY WKLY O	0	0	0.0%	954	314	203.82%	0	0	0.0%	5,226	4,564	14.5%
CAD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	7,330	4,954	48.0%
CAD/USD THURSDAY WKLY O	0	0	0.0%	0	760	-100.00%	0	0	0.0%	3,612	3,083	17.2%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	425	236	80.08%	0	0	0.0%	3,396	4,916	-30.9%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	1,457	113	1,189.38%	0	0	0.0%	5,065	7,889	-35.8%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	106	1,087	-90.25%	0	0	0.0%	6,414	6,645	-3.5%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	369	183	101.64%	0	0	0.0%	4,130	4,224	-2.2%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,007	1,240	-18.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	20	3,750	-99.47%	0	0	0.0%	20,408	15,010	36.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,284	3,395	-3.27%	0	0	0.0%	27,763	23,774	16.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,628	4,349	6.42%	0	0	0.0%	36,306	28,319	28.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,082	3,096	64.15%	0	0	0.0%	36,936	32,178	14.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,710	103	3,501.94%	0	0	0.0%	18,602	11,076	67.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,701	1,726	56.49%	0	0	0.0%	18,409	15,622	17.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,917	1,744	9.92%	0	0	0.0%	10,004	12,312	-18.7%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	1,197	1,715	-30.20%	0	0	0.0%	12,518	12,092	3.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,965	857	129.29%	0	0	0.0%	16,170	13,798	17.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	1,308	-100.00%	0	0	0.0%	4,699	4,874	-3.6%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	6,265	6,794	-7.79%	0	0	0.0%	74,043	43,986	68.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	124	-98.39%	0	0	0.0%	2,337	2,227	4.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,963	221	788.24%	0	0	0.0%	6,942	5,879	18.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	260	2,442	-89.35%	0	0	0.0%	16,279	10,155	60.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	310	2,357	-86.85%	0	0	0.0%	12,929	18,380	-29.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,651	600	175.17%	0	0	0.0%	4,502	4,134	8.9%
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%	2,975	1,007	195.43%	0	0	0.0%	39,353	16,499	138.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	9,981	1,108	800.81%	0	0	0.0%	52,267	19,658	165.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,267	2,915	12.08%	0	0	0.0%	36,269	18,704	93.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	9,586	716	1,238.83%	0	0	0.0%	34,825	18,399	89.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	15,988	3,238	393.8%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	412,142	201,838	104.19%	0	0	0.0%	2,888,315	2,631,769	9.7%
EUR/USD THURSDAY WKLY O	0	0	0.0%	3,556	4,145	-14.21%	0	0	0.0%	18,798	11,875	58.3%
EUR/USD THURSDAY WKLY O	0	0	0.0%	1,850	130	1,323.08%	0	0	0.0%	12,347	7,397	66.9%
EUR/USD THURSDAY WKLY O	0	0	0.0%	4,260	3,115	36.76%	0	0	0.0%	19,787	8,674	128.1%
EUR/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	15,578	9,514	63.7%
EUR/USD THURSDAY WKLY O	0	0	0.0%	0	540	-100.00%	0	0	0.0%	7,412	920	705.7%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	3,105	2,119	46.53%	0	0	0.0%	23,788	6,102	289.8%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	7,716	695	1,010.22%	0	0	0.0%	18,226	7,005	160.2%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	2,084	1,100	89.45%	0	0	0.0%	23,365	7,567	208.8%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	5,913	916	545.52%	0	0	0.0%	17,740	6,681	165.5%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,773	3,008	91.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	269	9,680	-97.22%	0	0	0.0%	81,140	38,989	108.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,996	8,198	46.33%	0	0	0.0%	183,028	189,071	-3.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	32,178	52,371	-38.56%	0	0	0.0%	261,696	306,270	-14.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	19,490	17,412	11.93%	0	0	0.0%	218,762	289,032	-24.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	39,517	430	9,090.00%	0	0	0.0%	108,541	35,348	207.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	13,440	4,976	170.10%	0	0	0.0%	80,210	57,975	38.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,668	4,570	111.55%	0	0	0.0%	58,047	67,986	-14.6%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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%	7,164	5,812	23.26%	0	0	0.0%	56,250	56,017	0.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,557	6,651	118.87%	0	0	0.0%	75,584	54,926	37.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	6,704	-100.00%	0	0	0.0%	21,342	21,573	-1.1%
EVENT CONTRACT EUR/USD	0	0	0.0%	3,308	2,137	54.80%	0	0	0.0%	23,868	58,465	-59.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	3,975	519	665.90%	0	0	0.0%	15,825	6,918	128.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	3,310	1,149	188.08%	0	0	0.0%	12,720	10,273	23.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	594	415	43.13%	0	0	0.0%	8,787	5,681	54.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	2,009	2,411	-16.67%	0	0	0.0%	17,127	9,475	80.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	9,821	993	889.0%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	63,134	46,424	35.99%	0	0	0.0%	636,448	657,196	-3.2%
GBP/USD THURSDAY WKLY O	0	0	0.0%	2,035	106	1,819.81%	0	0	0.0%	6,418	2,643	142.8%
GBP/USD THURSDAY WKLY O	0	0	0.0%	1,114	25	4,356.00%	0	0	0.0%	3,469	1,951	77.8%
GBP/USD THURSDAY WKLY O	0	0	0.0%	1,581	519	204.62%	0	0	0.0%	5,970	2,912	105.0%
GBP/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,550	1,362	380.9%
GBP/USD THURSDAY WKLY O	0	0	0.0%	0	80	-100.00%	0	0	0.0%	3,576	443	707.2%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	3,398	33	10,196.97%	0	0	0.0%	9,122	1,693	438.8%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	190	60	216.67%	0	0	0.0%	1,680	3,073	-45.3%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	1,423	106	1,242.45%	0	0	0.0%	3,389	2,576	31.6%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	1,339	28	4,682.14%	0	0	0.0%	6,606	2,191	201.5%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,517	569	342.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	77	1,225	-93.71%	0	0	0.0%	13,609	7,921	71.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,720	1,926	-10.70%	0	0	0.0%	22,426	30,953	-27.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,047	1,304	56.98%	0	0	0.0%	61,026	38,168	59.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,910	2,418	144.42%	0	0	0.0%	71,691	28,183	154.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,335	608	941.94%	0	0	0.0%	29,662	7,249	309.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	3,114	409	661.37%	0	0	0.0%	16,028	8,636	85.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	758	107	608.41%	0	0	0.0%	7,545	9,597	-21.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,784	714	149.86%	0	0	0.0%	18,596	12,297	51.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,544	630	303.81%	0	0	0.0%	15,618	7,412	110.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	73	-100.00%	0	0	0.0%	5,755	1,522	278.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	3,958	1,637	141.78%	0	0	0.0%	27,766	9,022	207.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	435	1,744	-75.06%	0	0	0.0%	21,896	14,310	53.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	681	1,999	-65.93%	0	0	0.0%	14,441	7,335	96.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	548	661	-17.10%	0	0	0.0%	16,366	8,042	103.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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 MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	8,528	4,752	79.5%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	92,927	182,504	-49.08%	0	0	0.0%	1,202,112	1,139,099	5.5%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	1,032	225	358.67%	0	0	0.0%	14,701	2,851	415.6%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	180	2	8,900.00%	0	0	0.0%	6,995	986	609.4%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	559	117	377.78%	0	0	0.0%	6,949	542	1,182.1%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	10,459	1,047	898.9%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	0	1,331	-100.00%	0	0	0.0%	5,223	1,608	224.8%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	2,119	154	1,275.97%	0	0	0.0%	8,854	1,622	445.9%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	413	155	166.45%	0	0	0.0%	4,529	4,227	7.1%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	224	689	-67.49%	0	0	0.0%	9,298	3,120	198.0%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	1,085	3	36,066.67%	0	0	0.0%	12,545	3,524	256.0%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,090	2,762	120.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	48	6,605	-99.27%	0	0	0.0%	54,806	16,887	224.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,378	8,213	-46.69%	0	0	0.0%	104,261	77,415	34.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,042	11,329	-55.49%	0	0	0.0%	122,297	85,682	42.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,038	6,049	65.94%	0	0	0.0%	128,507	90,802	41.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,021	447	1,246.98%	0	0	0.0%	40,263	19,237	109.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,853	2,544	130.07%	0	0	0.0%	65,491	37,467	74.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,041	6,803	-55.30%	0	0	0.0%	51,162	33,610	52.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,895	3,836	-24.53%	0	0	0.0%	47,081	33,859	39.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,784	2,847	68.04%	0	0	0.0%	66,443	24,412	172.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	3,523	-100.00%	0	0	0.0%	27,324	10,026	172.5%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	1,450	563	157.55%	0	0	0.0%	23,802	6,586	261.4%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	5	-80.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	1	0	0.00%	0	0	0.0%	1	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	1	-	-	0	-	-	550	-	-
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	8	-	-
NZD/USD MONTHLY OPTIONS	0	0	0.0%	30	15	100.00%	0	0	0.0%	628	710	-11.5%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	1	-	-
USD/CNH MONTHLY OPTIONS	0	0	0.0%	170	70	142.86%	0	0	0.0%	1,332	141	844.7%
USD/CNH WEEKLY FRIDAY OP	0	-	-	1	-	-	0	-	-	1	-	-
USD/CNH WEEKLY FRIDAY OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	34	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
ZAR/USD MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1	0	0.0%
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	641	175	266.29%	0	0	0.0%	5,399	4,876	10.7%
BLOOMBERG COMMOD INDEX	0	0	0.0%	8,562	10,486	-18.35%	0	0	0.0%	310,812	234,269	32.7%
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%	5,265	3,820	37.83%	0	0	0.0%	54,197	40,199	34.8%
CASH-SETTLED CHEESE	0	0	0.0%	15,598	14,377	8.49%	0	0	0.0%	147,816	143,662	2.9%
CAT EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
CATTLE	0	0	0.0%	1,362,757	1,524,215	-10.59%	0	0	0.0%	14,611,196	15,202,888	-3.9%
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%	0	0	0.00%	0	0	0.0%	2,150	0	0.0%
CHI WHEAT	0	0	0.0%	3,153,763	3,100,577	1.72%	0	0	0.0%	30,105,982	28,682,148	5.0%
CLASS IV MILK	0	0	0.0%	1,259	2,141	-41.20%	0	0	0.0%	17,898	15,372	16.4%
CORN	0	0	0.0%	9,684,749	8,479,079	14.22%	0	0	0.0%	91,574,863	76,294,443	20.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	46	43	6.98%	0	0	0.0%	449	119	277.3%
DRY WHEY	0	0	0.0%	783	1,096	-28.56%	0	0	0.0%	9,796	11,777	-16.8%
FEEDER CATTLE	0	0	0.0%	300,327	372,935	-19.47%	0	0	0.0%	3,895,498	4,032,974	-3.4%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
GOLDMAN SACHS	0	0	0.0%	1,614	1,787	-9.68%	0	0	0.0%	19,582	19,591	0.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	58	-100.00%	0	0	0.0%	48	81	-40.7%
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%	1,500	0	0.00%	0	0	0.0%	1,900	50	3,700.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	25	-100.00%	0	0	0.0%	0	25	-100.0%
HOGS	0	0	0.0%	1,342,385	1,158,379	15.88%	0	0	0.0%	13,620,902	11,879,185	14.7%
HOUSING INDEX	0	0	0.0%	16	10	60.00%	0	0	0.0%	222	188	18.1%
IN DELIVERY EUA	0	-	-	11,197	-	-	0	-	-	73,085	-	-
KC WHEAT	0	0	0.0%	1,482,405	1,225,308	20.98%	0	0	0.0%	14,798,896	11,359,486	30.3%
LUMBER	0	0	0.0%	20,847	21,341	-2.31%	0	0	0.0%	276,915	170,116	62.8%
MALAYSIAN PALM SWAP	-	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 NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
MILK	0	0	0.0%	44,707	34,860	28.25%	0	0	0.0%	486,633	359,015	35.5%
MINI CORN	0	0	0.0%	25,592	31,464	-18.66%	0	0	0.0%	316,216	362,713	-12.8%
MINI SOYBEAN	0	0	0.0%	41,875	51,025	-17.93%	0	0	0.0%	492,327	479,551	2.7%
MINI WHEAT	0	0	0.0%	20,172	20,182	-0.05%	0	0	0.0%	251,978	322,246	-21.8%
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%	3,114	4,130	-24.60%	0	0	0.0%	48,316	54,673	-11.6%
OATS	0	0	0.0%	18,002	15,631	15.17%	0	0	0.0%	168,543	145,268	16.0%
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%	57	266	-78.57%	0	0	0.0%	1,473	14,902	-90.1%
ROUGH RICE	0	0	0.0%	17,479	20,407	-14.35%	0	0	0.0%	247,067	209,829	17.7%
SOYBEAN	0	0	0.0%	5,009,902	4,794,105	4.50%	0	0	0.0%	60,730,630	54,548,106	11.3%
SOYBEAN MEAL	0	0	0.0%	3,732,349	3,757,691	-0.67%	0	0	0.0%	39,305,001	33,220,257	18.3%
SOYBEAN OIL	0	0	0.0%	4,612,768	3,722,996	23.90%	0	0	0.0%	40,262,135	34,186,678	17.8%
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%	599	0	0.00%	0	0	0.0%	968	30	3,126.7%
Ag Products Options												
AUG-DEC SOYBEAN MEAL CS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,000	1,950	53.8%
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,296	1,410	62.8%
BLOCK CHEESE	0	0	0.0%	232	1,360	-82.94%	0	0	0.0%	9,081	6,054	50.0%
BLOOMBERG COMMOD INDEX	0	-	-	0	-	-	0	-	-	16	-	-
BUTTER CS	0	0	0.0%	4,292	872	392.20%	0	0	0.0%	31,667	17,953	76.4%
CASH-SETTLED CHEESE	0	0	0.0%	7,687	5,433	41.49%	0	0	0.0%	69,588	70,567	-1.4%
CAT EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
CATTLE	0	0	0.0%	347,215	534,767	-35.07%	0	0	0.0%	5,150,047	3,737,529	37.8%
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%	624,801	544,611	14.72%	0	0	0.0%	7,259,327	6,986,996	3.9%
CLASS IV MILK	0	0	0.0%	6,006	11,101	-45.90%	0	0	0.0%	60,193	78,630	-23.4%
CORN	0	0	0.0%	2,202,984	2,155,917	2.18%	0	0	0.0%	26,554,979	28,478,685	-6.8%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
CORN NEARBY+2 CAL SPRD	0	0	0.0%	14,820	9,716	52.53%	0	0	0.0%	73,934	269,995	-72.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	1,338	92	1,354.35%	0	0	0.0%	30,971	5,878	426.9%
DEC-JUL SOYBEAN MEAL CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	250	230	8.7%
DEC-JULY CORN CAL SPRD	0	0	0.0%	855	1,158	-26.17%	0	0	0.0%	41,957	18,724	124.1%
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%	1	381	-99.74%	0	0	0.0%	1,964	2,458	-20.1%
FEEDER CATTLE	0	0	0.0%	82,711	102,817	-19.56%	0	0	0.0%	825,320	730,571	13.0%
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%	335,806	316,678	6.04%	0	0	0.0%	3,901,819	3,498,448	11.5%
JAN-MAR SOYBEAN CSO	0	-	-	0	-		0	-	-	500	-	-
JAN-MAY SOYBEAN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	300	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	4,200	261	1,509.20%	0	0	0.0%	19,543	101,359	-80.7%
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%	20	6,175	-99.68%	0	0	0.0%	67,633	86,600	-21.9%
KC WHEAT	0	0	0.0%	46,759	34,369	36.05%	0	0	0.0%	1,084,586	741,096	46.3%
LUMBER	0	0	0.0%	738	933	-20.90%	0	0	0.0%	10,203	5,695	79.2%
LV CATL CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,800	60	2,900.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	3,070	3,960	-22.47%	0	0	0.0%	9,207	23,979	-61.6%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	7,585	1,030	636.4%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	200	0	0.00%	0	0	0.0%	7,354	0	0.0%
MILK	0	0	0.0%	34,565	25,172	37.32%	0	0	0.0%	305,605	240,485	27.1%
MLK MID OPTIONS	0	0	0.0%	1	3	-66.67%	0	0	0.0%	21	25	-16.0%
NFD MILK	0	0	0.0%	4,829	4,821	0.17%	0	0	0.0%	36,131	51,116	-29.3%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,565	1,420	151.1%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	19,680	4,369	350.4%
OATS	0	0	0.0%	81	149	-45.64%	0	0	0.0%	1,553	1,940	-19.9%
PACIFIC RIM DAT SS WTHR	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 NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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												
PORK CUTOUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	111	-100.0%
ROUGH RICE	0	0	0.0%	1,537	2,339	-34.29%	0	0	0.0%	15,763	25,518	-38.2%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,250	2,350	-46.8%
SOYBEAN	0	0	0.0%	1,868,591	1,479,248	26.32%	0	0	0.0%	21,741,385	16,747,870	29.8%
SOYBEAN CRUSH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
SOYBEAN MEAL	0	0	0.0%	399,152	718,126	-44.42%	0	0	0.0%	4,828,269	4,385,685	10.1%
SOYBEAN OIL	0	0	0.0%	798,419	248,747	220.98%	0	0	0.0%	4,571,340	3,917,426	16.7%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	3,405	8,750	-61.09%	0	0	0.0%	38,212	79,146	-51.7%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	1,460	-100.00%	0	0	0.0%	10,305	6,680	54.3%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	8,375	175	4,685.7%
WHEAT	0	0	0.0%	1,975	2,954	-33.14%	0	0	0.0%	57,637	20,543	180.6%
WHEAT-CORN ICSCO	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,480	270	448.1%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	2,223	525	323.43%	0	0	0.0%	29,181	5,883	396.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	577,306	519,292	11.2%	283,057,488	278,230,535	1.7%	5,781,432	7,056,989	-18.1%	2,465,563,027	2,151,414,260	14.6%
Equity Index Futures	0	0	0.0%	97,928,742	93,723,937	4.5%	0	0	0.0%	1,199,068,782	1,205,749,673	-0.6%
Metals Futures	0	0	0.0%	13,810,418	12,046,074	14.6%	0	0	0.0%	143,291,381	118,302,977	21.1%
Energy Futures	0	0	0.0%	40,093,094	35,291,862	13.6%	0	0	0.0%	451,892,781	395,827,619	14.2%
FX Futures	0	0	0.0%	18,714,696	18,811,876	-0.5%	0	0	0.0%	222,307,421	204,377,642	8.8%
Ag Products Futures	0	0	0.0%	30,920,330	28,368,609	9.0%	0	0	0.0%	311,838,903	271,994,871	14.6%
TOTAL FUTURES	577,306	519,292	11.2%	484,524,768	466,472,893	3.9%	5,781,432	7,056,989	-18.1%	4,793,962,295	4,347,667,042	10.3%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	26,146,535	29,939,363	-12.7%	0	0	0.0%	341,135,896	304,344,523	12.1%
Interest Rate Options	16,232,202	25,538,115	-36.4%	38,929,620	38,381,462	1.4%	236,574,716	253,215,720	-6.6%	427,235,435	381,770,130	11.9%
Metals Options	0	0	0.0%	2,433,582	1,527,021	59.4%	0	0	0.0%	24,256,459	16,315,226	48.7%
Energy Options	0	0	0.0%	6,826,167	5,167,765	32.1%	0	0	0.0%	70,040,154	44,203,113	58.5%
FX Options	0	0	0.0%	1,065,353	820,457	29.8%	0	0	0.0%	9,270,606	8,068,319	14.9%
Ag Products Options	0	0	0.0%	6,798,513	6,222,895	9.3%	0	0	0.0%	76,914,957	70,362,104	9.3%
TOTAL OPTIONS	16,232,202	25,538,115	-36.4%	82,199,770	82,058,963	0.2%	236,574,716	253,215,720	-6.6%	948,853,507	825,063,415	15.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry NOV 2024	Open Outcry NOV 2023	% CHG	ELEC NOV 2024	ELEC NOV 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	16,809,508	26,057,407	-35.5%	321,987,108	316,611,997	1.7%	242,356,148	260,272,709	-6.9%	2,892,798,462	2,533,184,390	14.2%
Equity Index	0	0	0.0%	124,075,277	123,663,300	0.3%	0	0	0.0%	1,540,204,678	1,510,094,196	2.0%
Metals	0	0	0.0%	16,244,000	13,573,095	19.7%	0	0	0.0%	167,547,840	134,618,203	24.5%
Energy	0	0	0.0%	46,919,261	40,459,627	16.0%	0	0	0.0%	521,932,935	440,030,732	18.6%
FX	0	0	0.0%	19,780,049	19,632,333	0.8%	0	0	0.0%	231,578,027	212,445,961	9.0%
Ag Products	0	0	0.0%	37,718,843	34,591,504	9.0%	0	0	0.0%	388,753,860	342,356,975	13.6%
GRAND TOTAL	16,809,508	26,057,407	-35.5%	566,724,538	548,531,856	3.3%	242,356,148	260,272,709	-6.9%	5,742,815,802	5,172,730,457	11.0%

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