



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Interest Rate Futures</b>												
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%	8,764	4,457	96.63%	0	0	0.0%	38,803	17,432	122.6%
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%	42,002,879	29,741,842	41.22%	0	0	0.0%	437,790,221	348,835,376	25.5%
10Y YIELD	0	0	0.0%	90,031	128,674	-30.03%	0	0	0.0%	1,161,386	835,015	39.1%
13-Week U.S. T-Bill Futures	0	-	-	44,350	-	-	0	-	-	216,278	-	-
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%	3,457	470	635.53%	0	0	0.0%	20,631	27,097	-23.9%
20-YR BOND	0	0	0.0%	0	160	-100.00%	0	0	0.0%	0	3,671	-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%	5,129	4,268	20.17%	0	0	0.0%	51,494	28,697	79.4%
2-YR NOTE	0	0	0.0%	15,805,441	10,350,754	52.70%	0	0	0.0%	176,908,113	133,226,115	32.8%
2Y YIELD	0	0	0.0%	3,076	5,496	-44.03%	0	0	0.0%	34,590	58,907	-41.3%
30-Year UMBS TBA Futures - 2.5	0	0	0.0%	0	50	-100.00%	0	0	0.0%	0	1,005	-100.0%
30-Year UMBS TBA Futures - 3.0	0	0	0.0%	70	1,075	-93.49%	0	0	0.0%	3,305	3,577	-7.6%
30-Year UMBS TBA Futures - 3.5	0	0	0.0%	110	1,251	-91.21%	0	0	0.0%	4,314	4,112	4.9%
30-Year UMBS TBA Futures - 4.0	0	0	0.0%	525	1,402	-62.55%	0	0	0.0%	8,091	5,098	58.7%
30-Year UMBS TBA Futures - 4.5	0	0	0.0%	2,179	1,486	46.64%	0	0	0.0%	12,081	10,156	19.0%
30-Year UMBS TBA Futures - 5.0	0	0	0.0%	3,351	1,889	77.40%	0	0	0.0%	24,182	12,546	92.7%
30-Year UMBS TBA Futures - 5.5	0	0	0.0%	3,026	2,566	17.93%	0	0	0.0%	24,954	9,223	170.6%
30-Year UMBS TBA Futures - 6.0	0	0	0.0%	1,212	2,596	-53.31%	0	0	0.0%	18,394	7,143	157.5%
30-YR BOND	0	0	0.0%	8,972,996	8,124,656	10.44%	0	0	0.0%	96,286,869	73,732,733	30.6%
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%	4	1,202	-99.67%	0	0	0.0%	914	8,983	-89.8%
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%	8,941	2,450	264.94%	0	0	0.0%	42,942	18,899	127.2%
3-YR NOTE	0	0	0.0%	187,715	114,168	64.42%	0	0	0.0%	1,766,322	1,058,369	66.9%

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	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Interest Rate Futures</b>												
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%	1,473	918	60.46%	0	0	0.0%	7,555	6,868	10.0%
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%	13,691	8,383	63.32%	0	0	0.0%	122,829	79,030	55.4%
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%	27,145,184	20,869,611	30.07%	0	0	0.0%	314,308,807	265,158,486	18.5%
5Y YIELD	0	0	0.0%	1	15	-93.33%	0	0	0.0%	5	959	-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%	1,107	1,328	-16.64%	0	0	0.0%	6,763	7,096	-4.7%
BBG Duration-Hedged Credit Ind	0	-	-	10,068	-		0	-	-	25,534	-	-
BBG HY Credit Index	0	-	-	2,672	-		0	-	-	5,054	-	-
BBG IG Credit Index	0	-	-	10,700	-		0	-	-	17,277	-	-
BSBY 3-MONTH FUTURES	0	0	0.0%	0	441	-100.00%	0	0	0.0%	892	31,804	-97.2%
ESTR	0	0	0.0%	399,979	200,796	99.20%	0	0	0.0%	2,796,544	796,873	250.9%
ESTR Basis Spread Futures	0	0	0.0%	1,593	1,816	-12.28%	0	0	0.0%	24,872	12,608	97.3%
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%	13,681,950	7,082,503	93.18%	0	0	0.0%	76,052,039	87,054,427	-12.6%
FTIIE	0	0	0.0%	130	32	306.25%	0	0	0.0%	1,887	1,774	6.4%
MICRO ULTRA 10-YEAR NOTE	0	-	-	7,817	-		0	-	-	242,871	-	-
MICRO ULTRA T-BOND	0	-	-	16,604	-		0	-	-	220,495	-	-
SOFR	493,535	322,976	52.8%	94,948,264	62,569,439	51.75%	4,482,796	5,868,157	-23.6%	669,205,499	610,032,296	9.7%
SONIA	0	0	0.0%	21	48	-56.25%	0	0	0.0%	469	257	82.5%
UBSBM	0	0	0.0%	740	440	68.18%	0	0	0.0%	8,191	440	1,761.6%
Ultra 10-Year Note	0	0	0.0%	10,594,210	7,989,898	32.60%	0	0	0.0%	121,577,311	83,261,998	46.0%
ULTRA T-BOND	0	0	0.0%	6,121,269	4,727,745	29.48%	0	0	0.0%	75,033,849	49,956,507	50.2%

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<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	17,406,870	13,008,879	33.81%	0	0	0.0%	163,170,287	123,783,311	31.8%
2-YR NOTE	0	0	0.0%	989,929	685,966	44.31%	0	0	0.0%	6,531,487	4,033,433	61.9%
30-YR BOND	0	0	0.0%	3,179,988	3,435,427	-7.44%	0	0	0.0%	31,984,277	24,132,288	32.5%
5-YR NOTE	0	0	0.0%	3,642,946	4,884,371	-25.42%	0	0	0.0%	47,662,128	54,153,818	-12.0%
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	0	0.00%	0	0	0.0%	0	4	-100.0%
SOFR	19,434,352	10,187,155	90.8%	12,820,698	6,228,308	105.85%	160,982,210	167,739,164	-4.0%	75,837,329	72,680,427	4.3%
SOFR MIDCURVE	4,845,988	4,176,482	16.0%	2,626,127	2,346,686	11.91%	37,957,887	39,077,342	-2.9%	16,708,150	15,592,315	7.2%
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%	55,023	533	10,223.26%	0	0	0.0%	170,465	7,959	2,041.8%
ULTRA 10-YEAR NOTE	0	-	-	0	-		0	-	-	708	-	-
ULTRA T-BOND	0	0	0.0%	19,634	7,513	161.33%	0	0	0.0%	202,391	35,701	466.9%
<b>Equity Index Futures</b>												
AIR	0	0	0.0%	53,806	1,578	3,309.76%	0	0	0.0%	375,919	19,557	1,822.2%
BITCOIN	0	0	0.0%	300,398	180,488	66.44%	0	0	0.0%	2,578,575	1,858,120	38.8%
DJ US REAL ESTATE SECTOR	0	0	0.0%	56,034	53,824	4.11%	0	0	0.0%	330,954	287,833	15.0%
E-mini (\$5) Dow	0	0	0.0%	3,089,940	3,666,438	-15.72%	0	0	0.0%	27,493,644	32,246,243	-14.7%
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%	293,285	320,701	-8.55%	0	0	0.0%	2,399,056	2,470,313	-2.9%
E-MINI NASDAQ 100	0	0	0.0%	11,771,216	13,948,359	-15.61%	0	0	0.0%	122,960,946	124,201,884	-1.0%
E-MINI RUSSELL 1000	0	0	0.0%	4,971	5,125	-3.00%	0	0	0.0%	23,835	23,596	1.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	6,197	5,722	8.30%	0	0	0.0%	41,159	23,196	77.4%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	10,452	10,136	3.12%	0	0	0.0%	59,554	44,127	35.0%
E-MINI RUSSELL 2000	0	0	0.0%	4,710,731	4,923,481	-4.32%	0	0	0.0%	40,539,041	40,462,625	0.2%
E-MINI S&P500	0	0	0.0%	37,477,748	38,985,244	-3.87%	0	0	0.0%	311,482,957	335,418,355	-7.1%
E-MINI S&P500 ESG	0	0	0.0%	18,083	29,096	-37.85%	0	0	0.0%	165,627	171,661	-3.5%
ETHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER FUTURES	0	0	0.0%	88,705	78,082	13.60%	0	0	0.0%	985,683	891,400	10.6%
FT-SE 100	0	0	0.0%	0	107	-100.00%	0	0	0.0%	0	751	-100.0%

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<b>Equity Index Futures</b>												
IBOVESPA INDEX	0	0	0.0%	0	9	-100.00%	0	0	0.0%	42	298	-85.9%
MICRO BITCOIN	0	0	0.0%	834,271	117,844	607.95%	0	0	0.0%	7,021,480	1,775,540	295.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	28,438,675	23,844,479	19.27%	0	0	0.0%	259,245,248	201,618,674	28.6%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,645,505	1,153,149	42.70%	0	0	0.0%	15,325,135	14,308,647	7.1%
MICRO E-MINI S&P500	0	0	0.0%	20,900,518	18,645,561	12.09%	0	0	0.0%	174,817,310	192,247,845	-9.1%
MICRO ETHER	0	0	0.0%	633,692	83,356	660.22%	0	0	0.0%	5,518,409	1,555,069	254.9%
MICRO MINI \$5 DOW	0	0	0.0%	2,410,942	1,621,717	48.67%	0	0	0.0%	18,819,555	20,145,271	-6.6%
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%	124	32	287.50%	0	0	0.0%	437	1,189	-63.2%
Nearby BTIC+	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	265,679	164,463	61.54%	0	0	0.0%	1,888,118	1,240,973	52.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	643,275	674,044	-4.56%	0	0	0.0%	5,776,808	5,641,863	2.4%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	1,159	166	598.19%	0	0	0.0%	7,979	2,143	272.3%
S&P 500	0	0	0.0%	164	695	-76.40%	0	0	0.0%	2,810	4,226	-33.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	76,308	61,144	24.80%	0	0	0.0%	308,099	310,850	-0.9%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,319	12,941	-4.81%	0	0	0.0%	55,295	88,137	-37.3%
S&P 600 SMALLCAP EMINI	0	0	0.0%	2,148	243	783.95%	0	0	0.0%	12,459	376	3,213.6%
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	922	507	81.85%	0	0	0.0%	4,423	4,888	-9.5%
S&P COMMUNICATION SERVIC	0	0	0.0%	21,314	9,340	128.20%	0	0	0.0%	76,881	35,173	118.6%
S&P CONSUMER DISCRETION	0	0	0.0%	9,022	8,659	4.19%	0	0	0.0%	62,256	49,609	25.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	26,381	35,025	-24.68%	0	0	0.0%	151,244	162,143	-6.7%
S&P ENERGY SECTOR	0	0	0.0%	33,259	46,277	-28.13%	0	0	0.0%	211,286	221,548	-4.6%
S&P FINANCIAL SECTOR	0	0	0.0%	60,047	41,162	45.88%	0	0	0.0%	208,605	201,195	3.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	23,765	25,587	-7.12%	0	0	0.0%	129,946	119,480	8.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	16,476	21,285	-22.59%	0	0	0.0%	106,025	104,806	1.2%
S&P MATERIALS SECTOR	0	0	0.0%	16,118	15,738	2.41%	0	0	0.0%	86,359	74,725	15.6%
S&P OIL & GAS EXPLORATION	0	0	0.0%	256	99	158.59%	0	0	0.0%	1,613	1,593	1.3%
S&P REAL ESTATE SECTOR	0	0	0.0%	18,346	17,134	7.07%	0	0	0.0%	88,602	57,801	53.3%
S&P REGIONAL BANKS SECTO	0	0	0.0%	752	642	17.13%	0	0	0.0%	6,921	7,193	-3.8%
S&P RETAIL SECTOR	0	0	0.0%	113	277	-59.21%	0	0	0.0%	903	2,029	-55.5%
S&P TECHNOLOGY SECTOR	0	0	0.0%	29,419	19,133	53.76%	0	0	0.0%	128,997	101,805	26.7%
S&P UTILITIES SECTOR	0	0	0.0%	41,932	31,781	31.94%	0	0	0.0%	206,702	161,182	28.2%
TOPIX (USD)	0	0	0.0%	30	50	-40.00%	0	0	0.0%	519	766	-32.2%
TOPIX (YEN)	0	0	0.0%	1,234	235	425.11%	0	0	0.0%	9,278	2,238	314.6%

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<b>Equity Index Futures</b>												
WATER INDEX FUTURES	0	0	0.0%	10	0	0.00%	0	0	0.0%	166	128	29.7%
<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	2,520	2,156	16.88%	0	0	0.0%	31,544	23,945	31.7%
DJIA	0	0	0.0%	1,732	4,565	-62.06%	0	0	0.0%	11,989	60,484	-80.2%
E-mini (\$5) Dow	0	0	0.0%	1,134	256	342.97%	0	0	0.0%	9,619	5,637	70.6%
E-MINI NASDAQ 100	0	0	0.0%	1,705,958	1,476,991	15.50%	0	0	0.0%	16,318,533	12,163,259	34.2%
E-MINI RUSSELL 2000	0	0	0.0%	326,299	93,546	248.81%	0	0	0.0%	3,102,212	1,224,960	153.3%
E-MINI S&P500	0	0	0.0%	26,325,278	28,414,854	-7.35%	0	0	0.0%	260,661,608	218,167,279	19.5%
ETHER OPTIONS	0	0	0.0%	1,894	2,137	-11.37%	0	0	0.0%	20,552	11,236	82.9%
EVENT CONTRACT S&P 500	0	0	0.0%	1,098	11,617	-90.55%	0	0	0.0%	13,199	54,141	-75.6%
MICRO BITCOIN	0	0	0.0%	19,128	9,664	97.93%	0	0	0.0%	108,272	95,168	13.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	109,346	51,731	111.37%	0	0	0.0%	831,033	503,292	65.1%
Micro E-mini S&P 500	0	0	0.0%	432,103	281,117	53.71%	0	0	0.0%	2,840,688	2,123,847	33.8%
MICRO ETHER	0	0	0.0%	15,196	17,176	-11.53%	0	0	0.0%	149,192	156,771	-4.8%
S&P 500	0	-	-	518	-		0	-	-	4,090	-	-

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	131,126	120,548	8.77%	0	0	0.0%	1,316,845	739,636	78.0%
COBALT METAL FUTURES	0	0	0.0%	1	27	-96.30%	0	0	0.0%	52	397	-86.9%
COMEX COPPER	0	0	0.0%	1,638,254	1,601,112	2.32%	0	0	0.0%	21,997,902	19,027,793	15.6%
COMEX E-Mini GOLD	0	0	0.0%	33,152	13,846	139.43%	0	0	0.0%	263,341	292,353	-9.9%
COMEX E-Mini SILVER	0	0	0.0%	17,764	5,414	228.11%	0	0	0.0%	106,782	51,748	106.4%
COMEX GOLD	0	0	0.0%	3,975,020	3,688,033	7.78%	0	0	0.0%	45,302,993	41,619,859	8.8%
COMEX MINY COPPER	0	0	0.0%	3,129	3,767	-16.94%	0	0	0.0%	41,859	49,955	-16.2%
COMEX SILVER	0	0	0.0%	1,488,460	1,274,876	16.75%	0	0	0.0%	16,617,254	13,401,799	24.0%
COPPER	0	0	0.0%	216,040	92,390	133.83%	0	0	0.0%	2,312,789	957,658	141.5%
FERROUS PRODUCTS	0	0	0.0%	85	899	-90.55%	0	0	0.0%	4,275	3,582	19.3%
GOLD	0	0	0.0%	10,133	18	56,194.44%	0	0	0.0%	150,665	4,162	3,520.0%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	2,516	2,045	23.03%	0	0	0.0%	12,346	14,192	-13.0%
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	3	-100.00%	0	0	0.0%	33	145	-77.2%
MICRO GOLD	0	0	0.0%	2,209,732	870,802	153.76%	0	0	0.0%	18,882,556	12,347,111	52.9%
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%	4,511	10,281	-56.12%	0	0	0.0%	65,991	82,979	-20.5%
NYMEX PLATINUM	0	0	0.0%	802,645	679,965	18.04%	0	0	0.0%	5,991,736	4,279,623	40.0%
PALLADIUM	0	0	0.0%	108,995	50,486	115.89%	0	0	0.0%	1,076,514	581,961	85.0%
SILVER	0	0	0.0%	403,318	206,269	95.53%	0	0	0.0%	3,381,156	1,962,816	72.3%
URANIUM	0	0	0.0%	0	4	-100.00%	0	0	0.0%	2	4	-50.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	2,952	1,690	74.67%	0	0	0.0%	37,025	8,168	353.3%
COMEX COPPER	0	0	0.0%	153,864	73,943	108.08%	0	0	0.0%	1,606,241	858,998	87.0%
COMEX GOLD	0	0	0.0%	1,240,221	860,387	44.15%	0	0	0.0%	10,394,745	7,772,322	33.7%
COMEX SILVER	0	0	0.0%	285,508	119,824	138.27%	0	0	0.0%	2,434,535	1,298,255	87.5%
COPPER	0	0	0.0%	14,017	8,633	62.37%	0	0	0.0%	137,231	76,760	78.8%
GOLD	0	0	0.0%	555,933	264,338	110.31%	0	0	0.0%	4,059,839	2,361,802	71.9%
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	87	-31.03%	0	0	0.0%	577	215	168.4%
NYMEX PLATINUM	0	0	0.0%	9,389	7,725	21.54%	0	0	0.0%	78,159	41,918	86.5%
PALLADIUM	0	0	0.0%	2,647	204	1,197.55%	0	0	0.0%	10,886	4,064	167.9%
SILVER	0	0	0.0%	93,590	40,510	131.03%	0	0	0.0%	692,591	345,164	100.7%
<b>Energy Futures</b>												
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%	2,919,046	1,522,766	91.69%	0	0	0.0%	18,378,733	10,717,954	71.5%
CAR VINTAGE	0	0	0.0%	8,607	10,237	-15.92%	0	0	0.0%	98,857	85,416	15.7%
CEU ENERGY	0	0	0.0%	0	5	-100.00%	0	0	0.0%	12,294	160	7,583.8%
CHICAGO ETHANOL SWAP	0	0	0.0%	174	47	270.21%	0	0	0.0%	1,684	1,275	32.1%
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

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<b>Energy Futures</b>												
CRUDE OIL OUTRIGHTS	0	0	0.0%	3,052	757	303.17%	0	0	0.0%	17,182	2,682	540.6%
CRUDE OIL PHY	0	0	0.0%	22,043,971	21,228,163	3.84%	0	0	0.0%	179,671,468	169,570,285	6.0%
CRUDE OIL SPRDS	0	0	0.0%	991	420	135.95%	0	0	0.0%	8,862	1,947	355.2%
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%	12,428	56,476	-77.99%	0	0	0.0%	156,035	182,089	-14.3%
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	2,808	-100.00%	0	0	0.0%	513	20,199	-97.5%
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%	298,327	32	932,171.88%	0	0	0.0%	573,574	293	195,659.0%
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

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<b>Energy Futures</b>												
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	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%	3,584,355	3,648,608	-1.76%	0	0	0.0%	32,888,950	28,521,055	15.3%
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%	305,165	253,648	20.31%	0	0	0.0%	2,719,594	2,233,670	21.8%
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%

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<b>Energy Futures</b>												
MCCLOSKY ARA ARG S COAL	0	0	0.0%	9	118	-92.37%	0	0	0.0%	624	2,640	-76.4%
MCCLOSKY 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%	11	10	10.00%	0	0	0.0%	71	94	-24.5%
MINY NATURAL GAS	0	0	0.0%	101,834	172,950	-41.12%	0	0	0.0%	1,236,057	2,062,815	-40.1%
MINY RBOB GAS	0	0	0.0%	4	7	-42.86%	0	0	0.0%	62	82	-24.4%
MINY WTI CRUDE OIL	0	0	0.0%	196,434	261,441	-24.86%	0	0	0.0%	1,847,016	2,799,392	-34.0%
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%	202	27	648.15%	0	0	0.0%	2,385	200	1,092.5%
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%	3	0	0.00%	0	0	0.0%	3	19	-84.2%
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%	85,659	62,872	36.24%	0	0	0.0%	838,814	560,169	49.7%
NATURAL GAS PEN SWP	0	0	0.0%	52	0	0.00%	0	0	0.0%	608	0	0.0%
NATURAL GAS PHY	0	0	0.0%	9,773,027	7,138,222	36.91%	0	0	0.0%	92,883,655	72,582,002	28.0%
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%	66	8	725.00%	0	0	0.0%	205	179	14.5%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Energy Futures</b>												
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%	3,579,834	3,497,885	2.34%	0	0	0.0%	34,115,045	31,960,899	6.7%
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 CALENDAR	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Energy Futures</b>												
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%	25	0	0.00%	0	0	0.0%	25	16	56.3%
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%
<b>Energy Options</b>												
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%	78	1,961	-96.02%	0	0	0.0%	13,869	36,305	-61.8%
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	1,625	-100.00%	0	0	0.0%	7,050	5,250	34.3%
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%	1,780	8,337	-78.65%	0	0	0.0%	15,301	59,123	-74.1%
CRUDE OIL PHY	0	0	0.0%	3,638,340	2,732,325	33.16%	0	0	0.0%	27,141,694	19,214,134	41.3%
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%	1,096	1,138	-3.69%	0	0	0.0%	8,124	9,711	-16.3%
HENRY HUB FINANCIAL LAST	0	0	0.0%	321	1,510	-78.74%	0	0	0.0%	11,032	19,646	-43.8%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Energy Options</b>												
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGES COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	11,630	2,245	418.04%	0	0	0.0%	46,066	5,948	674.5%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	600	-100.00%	0	0	0.0%	17,652	37,757	-53.2%
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%	9,715	25	38,760.00%	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%	2,878,149	1,640,602	75.43%	0	0	0.0%	26,672,757	13,664,974	95.2%
NY HARBOR HEAT OIL SWP	0	0	0.0%	17	76	-77.63%	0	0	0.0%	387	821	-52.9%
PETROCHEMICALS	0	0	0.0%	4	6	-33.33%	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%	156	236	-33.90%	0	0	0.0%	2,228	4,619	-51.8%
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	487	-100.00%	0	0	0.0%	1,700	4,587	-62.9%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	200	-100.00%	0	0	0.0%	1,750	4,450	-60.7%

### FX Futures

AD/CD CROSS RATES	0	0	0.0%	0	3	-100.00%	0	0	0.0%	43	170	-74.7%
AD/JY CROSS RATES	0	0	0.0%	15,316	1,534	898.44%	0	0	0.0%	45,026	13,253	239.7%
AD/NE CROSS RATES	0	0	0.0%	506	3,926	-87.11%	0	0	0.0%	46,963	28,717	63.5%
AUSTRALIAN DOLLAR	0	0	0.0%	2,814,362	2,797,457	0.60%	0	0	0.0%	21,239,850	18,366,001	15.6%
BP/JY CROSS RATES	0	0	0.0%	5,373	1,708	214.58%	0	0	0.0%	30,413	19,133	59.0%
BP/SF CROSS RATES	0	0	0.0%	2,888	1,034	179.30%	0	0	0.0%	28,304	18,142	56.0%
BRAZIL REAL	0	0	0.0%	453,535	322,712	40.54%	0	0	0.0%	4,022,110	2,422,164	66.1%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Futures</b>												
BRITISH POUND	0	0	0.0%	2,980,065	2,681,318	11.14%	0	0	0.0%	21,825,905	19,786,153	10.3%
CANADIAN DOLLAR	0	0	0.0%	2,453,462	2,305,097	6.44%	0	0	0.0%	18,769,138	15,637,484	20.0%
CD/JY CROSS RATES	0	0	0.0%	1,962	136	1,342.65%	0	0	0.0%	3,566	533	569.0%
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%	91,340	41,908	117.95%	0	0	0.0%	627,304	262,418	139.0%
CZECK KORUNA (EC)	0	0	0.0%	0	1	-100.00%	0	0	0.0%	4	6	-33.3%
CZECK KORUNA (US)	0	0	0.0%	4	2	100.00%	0	0	0.0%	78	35	122.9%
EC/AD CROSS RATES	0	0	0.0%	7,041	17,865	-60.59%	0	0	0.0%	33,047	50,079	-34.0%
EC/CD CROSS RATES	0	0	0.0%	14,550	15,582	-6.62%	0	0	0.0%	51,602	57,376	-10.1%
EC/NOK CROSS RATES	0	0	0.0%	817	1,046	-21.89%	0	0	0.0%	14,004	9,992	40.2%
EC/SEK CROSS RATES	0	0	0.0%	1,690	3,048	-44.55%	0	0	0.0%	14,247	18,675	-23.7%
EFX/BP CROSS RATES	0	0	0.0%	119,844	155,819	-23.09%	0	0	0.0%	647,936	613,582	5.6%
EFX/JY CROSS RATES	0	0	0.0%	113,401	110,680	2.46%	0	0	0.0%	662,043	450,737	46.9%
EFX/SF CROSS RATES	0	0	0.0%	39,259	52,074	-24.61%	0	0	0.0%	301,590	208,376	44.7%
E-MICRO USD/CAD	0	0	0.0%	0	95	-100.00%	0	0	0.0%	69	1,069	-93.5%
E-MICRO USD/CHF	0	0	0.0%	0	117	-100.00%	0	0	0.0%	166	1,319	-87.4%
E-MICRO USD/JPY	0	0	0.0%	0	4,873	-100.00%	0	0	0.0%	4,450	33,829	-86.8%
E-MINI EURO FX	0	0	0.0%	120,735	111,565	8.22%	0	0	0.0%	837,386	1,092,959	-23.4%
E-MINI JAPANESE YEN	0	0	0.0%	31,612	10,249	208.44%	0	0	0.0%	181,672	109,754	65.5%
EURO FX	0	0	0.0%	5,891,028	5,887,099	0.07%	0	0	0.0%	44,275,057	42,715,899	3.7%
HUNGARIAN FORINT (EC)	0	0	0.0%	10	15	-33.33%	0	0	0.0%	34	37	-8.1%
HUNGARIAN FORINT (US)	0	0	0.0%	32	1	3,100.00%	0	0	0.0%	141	86	64.0%
INDIAN RUPEE	0	0	0.0%	14,376	18,904	-23.95%	0	0	0.0%	183,824	238,349	-22.9%
JAPANESE YEN	0	0	0.0%	4,795,130	3,855,812	24.36%	0	0	0.0%	35,558,521	32,223,149	10.4%
KOREAN WON	0	0	0.0%	1,119	857	30.57%	0	0	0.0%	11,293	3,757	200.6%
MEXICAN PESO	0	0	0.0%	1,691,456	1,935,477	-12.61%	0	0	0.0%	14,569,079	11,585,338	25.8%
MICRO AUD/USD	0	0	0.0%	226,149	250,855	-9.85%	0	0	0.0%	2,299,903	2,439,074	-5.7%
MICRO CAD/USD	0	0	0.0%	63,295	43,112	46.82%	0	0	0.0%	518,659	466,191	11.3%
MICRO CHF/USD	0	0	0.0%	31,601	16,579	90.61%	0	0	0.0%	162,874	141,014	15.5%
MICRO EUR/USD	0	0	0.0%	524,686	522,155	0.48%	0	0	0.0%	4,444,628	5,553,473	-20.0%
MICRO GBP/USD	0	0	0.0%	77,647	62,423	24.39%	0	0	0.0%	746,602	617,356	20.9%
MICRO INR/USD	0	0	0.0%	62	244	-74.59%	0	0	0.0%	780	3,822	-79.6%
MICRO JPY/USD	0	0	0.0%	6,549	0	0.00%	0	0	0.0%	21,217	0	0.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	26	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>FX Futures</b>												
NEW ZEALND DOLLAR	0	0	0.0%	868,731	825,431	5.25%	0	0	0.0%	6,777,645	5,873,244	15.4%
NKR/USD CROSS RATE	0	0	0.0%	11,517	5,011	129.83%	0	0	0.0%	55,359	29,543	87.4%
POLISH ZLOTY (EC)	0	0	0.0%	214	167	28.14%	0	0	0.0%	524	537	-2.4%
POLISH ZLOTY (US)	0	0	0.0%	2,031	2,591	-21.61%	0	0	0.0%	12,060	10,389	16.1%
RMB USD	0	0	0.0%	10	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%	143,068	90,801	57.56%	0	0	0.0%	1,062,605	717,575	48.1%
SF/JY CROSS RATES	0	0	0.0%	1,749	779	124.52%	0	0	0.0%	11,147	4,926	126.3%
SHEKEL	0	0	0.0%	160	439	-63.55%	0	0	0.0%	807	1,203	-32.9%
SKR/USD CROSS RATES	0	0	0.0%	10,637	7,026	51.39%	0	0	0.0%	75,483	42,251	78.7%
SWISS FRANC	0	0	0.0%	811,179	564,795	43.62%	0	0	0.0%	6,352,345	4,065,905	56.2%
TURKISH LIRA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	20	-100.0%
USDZAR	0	0	0.0%	0	10	-100.00%	0	0	0.0%	0	115	-100.0%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	110	191	-42.41%	0	0	0.0%	1,449	1,779	-18.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	160	187	-14.44%	0	0	0.0%	2,990	3,670	-18.5%
AUD/USD MONDAY OPTION W	0	0	0.0%	564	143	294.41%	0	0	0.0%	2,275	1,988	14.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	411	135	204.44%	0	0	0.0%	3,378	2,674	26.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	1,365	0	0.00%	0	0	0.0%	2,510	490	412.2%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	75,991	67,666	12.30%	0	0	0.0%	694,744	526,372	32.0%
AUD/USD THURSDAY WKLY O	0	0	0.0%	180	41	339.02%	0	0	0.0%	1,780	1,065	67.1%
AUD/USD THURSDAY WKLY O	0	0	0.0%	139	50	178.00%	0	0	0.0%	1,087	792	37.2%
AUD/USD THURSDAY WKLY O	0	0	0.0%	361	16	2,156.25%	0	0	0.0%	2,995	1,222	145.1%
AUD/USD THURSDAY WKLY O	0	0	0.0%	1,583	71	2,129.58%	0	0	0.0%	2,993	1,567	91.0%
AUD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	629	498	26.3%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	786	253	210.67%	0	0	0.0%	3,535	1,791	97.4%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	139	40	247.50%	0	0	0.0%	646	1,802	-64.2%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	218	39	458.97%	0	0	0.0%	3,608	1,204	199.7%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	478	298	60.40%	0	0	0.0%	2,079	1,230	69.0%
AUD/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	745	282	164.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	71	37	91.89%	0	0	0.0%	3,503	4,305	-18.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>FX Options</b>												
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,823	804	126.74%	0	0	0.0%	16,734	11,777	42.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,093	1,000	209.30%	0	0	0.0%	19,077	12,820	48.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,894	897	222.63%	0	0	0.0%	17,418	14,199	22.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	889	-100.00%	0	0	0.0%	6,446	3,278	96.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,833	649	182.43%	0	0	0.0%	6,265	4,336	44.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	631	357	76.75%	0	0	0.0%	4,501	2,542	77.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	390	282	38.30%	0	0	0.0%	3,287	2,864	14.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,580	122	1,195.08%	0	0	0.0%	7,085	2,239	216.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	962	1,279	-24.8%
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%	245	654	-62.54%	0	0	0.0%	6,105	7,006	-12.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	62	138	-55.07%	0	0	0.0%	5,919	9,194	-35.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	469	392	19.64%	0	0	0.0%	5,848	6,475	-9.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	510	2,473	-79.38%	0	0	0.0%	9,713	8,127	19.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,205	0	0.00%	0	0	0.0%	6,298	338	1,763.3%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	26,868	29,205	-8.00%	0	0	0.0%	213,939	442,593	-51.7%
CAD/USD THURSDAY WKLY O	0	0	0.0%	877	212	313.68%	0	0	0.0%	6,976	2,488	180.4%
CAD/USD THURSDAY WKLY O	0	0	0.0%	579	561	3.21%	0	0	0.0%	4,388	2,864	53.2%
CAD/USD THURSDAY WKLY O	0	0	0.0%	722	247	192.31%	0	0	0.0%	4,070	2,852	42.7%
CAD/USD THURSDAY WKLY O	0	0	0.0%	883	937	-5.76%	0	0	0.0%	7,066	4,851	45.7%
CAD/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,486	2,323	50.1%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	301	59	410.17%	0	0	0.0%	2,846	3,088	-7.8%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	5	583	-99.14%	0	0	0.0%	3,297	5,565	-40.8%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	395	500	-21.00%	0	0	0.0%	5,548	3,264	70.0%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	311	1,680	-81.49%	0	0	0.0%	3,610	2,986	20.9%
CAD/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	828	917	-9.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	50	209	-76.08%	0	0	0.0%	15,311	11,086	38.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,295	1,377	139.29%	0	0	0.0%	22,216	17,311	28.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,329	3,081	-24.41%	0	0	0.0%	29,440	20,460	43.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,908	4,215	-54.73%	0	0	0.0%	28,763	26,978	6.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	3,191	-100.00%	0	0	0.0%	14,137	10,973	28.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,665	720	270.14%	0	0	0.0%	13,260	11,442	15.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	908	910	-0.22%	0	0	0.0%	6,492	9,757	-33.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,490	2,959	-49.65%	0	0	0.0%	10,293	9,397	9.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>FX Options</b>												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,339	1,727	-22.47%	0	0	0.0%	12,538	10,594	18.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,710	3,566	-24.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	2,191	3,768	-41.85%	0	0	0.0%	63,635	31,771	100.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	56	-98.21%	0	0	0.0%	756	2,103	-64.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	228	61	273.77%	0	0	0.0%	3,973	5,542	-28.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,410	236	497.46%	0	0	0.0%	15,806	6,919	128.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,268	465	172.69%	0	0	0.0%	11,668	15,761	-26.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	473	-100.00%	0	0	0.0%	2,846	3,534	-19.5%
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%	760	1,480	-48.65%	0	0	0.0%	33,088	15,014	120.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	9,398	1,672	462.08%	0	0	0.0%	40,149	15,397	160.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,165	1,825	-36.16%	0	0	0.0%	30,520	12,755	139.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,602	597	335.85%	0	0	0.0%	21,981	15,119	45.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	5,306	0	0.00%	0	0	0.0%	15,988	2,061	675.7%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	221,869	331,014	-32.97%	0	0	0.0%	2,189,648	2,162,534	1.3%
EUR/USD THURSDAY WKLY O	0	0	0.0%	1,695	544	211.58%	0	0	0.0%	14,064	6,924	103.1%
EUR/USD THURSDAY WKLY O	0	0	0.0%	525	944	-44.39%	0	0	0.0%	9,305	6,400	45.4%
EUR/USD THURSDAY WKLY O	0	0	0.0%	1,481	808	83.29%	0	0	0.0%	14,080	5,362	162.6%
EUR/USD THURSDAY WKLY O	0	0	0.0%	2,263	1,313	72.35%	0	0	0.0%	13,087	8,160	60.4%
EUR/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	5,860	380	1,442.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	4,260	1,320	222.73%	0	0	0.0%	20,430	3,883	426.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	498	81	514.81%	0	0	0.0%	6,542	5,637	16.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	583	473	23.26%	0	0	0.0%	19,947	6,080	228.1%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	346	465	-25.59%	0	0	0.0%	8,743	4,302	103.2%
EUR/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,750	1,588	73.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	635	755	-15.89%	0	0	0.0%	63,614	29,190	117.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,984	9,486	36.88%	0	0	0.0%	161,447	154,001	4.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,968	37,504	-54.76%	0	0	0.0%	207,703	224,608	-7.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,877	20,325	12.56%	0	0	0.0%	176,632	243,619	-27.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	14,932	-100.00%	0	0	0.0%	66,660	34,918	90.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,099	5,386	31.80%	0	0	0.0%	58,857	42,676	37.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,626	9,166	-49.53%	0	0	0.0%	44,531	55,304	-19.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,411	7,331	-26.19%	0	0	0.0%	42,601	42,690	-0.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>FX Options</b>												
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,633	7,293	-36.47%	0	0	0.0%	54,258	41,691	30.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	12,333	14,869	-17.1%
EVENT CONTRACT EUR/USD	0	0	0.0%	1,536	6,812	-77.45%	0	0	0.0%	18,719	51,626	-63.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	31	1,679	-98.15%	0	0	0.0%	9,328	6,194	50.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,807	192	841.15%	0	0	0.0%	8,736	8,959	-2.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	467	799	-41.55%	0	0	0.0%	7,111	3,673	93.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	981	3,155	-68.91%	0	0	0.0%	11,516	6,907	66.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,702	0	0.00%	0	0	0.0%	9,821	591	1,561.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	47,796	73,397	-34.88%	0	0	0.0%	514,437	554,017	-7.1%
GBP/USD THURSDAY WKLY O	0	0	0.0%	175	595	-70.59%	0	0	0.0%	3,527	2,253	56.5%
GBP/USD THURSDAY WKLY O	0	0	0.0%	613	88	596.59%	0	0	0.0%	2,216	1,720	28.8%
GBP/USD THURSDAY WKLY O	0	0	0.0%	217	115	88.70%	0	0	0.0%	3,507	2,310	51.8%
GBP/USD THURSDAY WKLY O	0	0	0.0%	2,824	361	682.27%	0	0	0.0%	5,225	1,326	294.0%
GBP/USD THURSDAY WKLY O	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,982	363	446.0%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	1,305	477	173.58%	0	0	0.0%	4,319	1,504	187.2%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	71	158	-55.06%	0	0	0.0%	1,435	2,917	-50.8%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	502	104	382.69%	0	0	0.0%	1,924	1,893	1.6%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	599	128	367.97%	0	0	0.0%	3,769	1,680	124.3%
GBP/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,328	448	196.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	150	145	3.45%	0	0	0.0%	10,148	6,628	53.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,095	2,953	-29.06%	0	0	0.0%	20,199	25,252	-20.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,145	2,596	-17.37%	0	0	0.0%	53,589	34,082	57.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,421	3,226	37.04%	0	0	0.0%	62,841	21,942	186.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,898	-100.00%	0	0	0.0%	22,885	6,641	244.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,644	1,861	-11.66%	0	0	0.0%	11,779	7,293	61.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	370	305	21.31%	0	0	0.0%	5,958	8,986	-33.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,672	1,653	1.15%	0	0	0.0%	16,424	11,135	47.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,857	920	101.85%	0	0	0.0%	11,818	6,374	85.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,013	1,449	107.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	822	1,387	-40.74%	0	0	0.0%	23,041	5,511	318.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	204	593	-65.60%	0	0	0.0%	20,999	11,944	75.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	453	593	-23.61%	0	0	0.0%	12,941	4,438	191.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,962	1,084	173.25%	0	0	0.0%	12,388	7,261	70.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	3,216	0	0.00%	0	0	0.0%	8,528	2,177	291.7%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>FX Options</b>												
JPY/USD MONTHLY OPTIONS	0	0	0.0%	99,242	86,458	14.79%	0	0	0.0%	1,031,911	836,636	23.3%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	651	542	20.11%	0	0	0.0%	13,526	2,205	513.4%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	2,602	5	51,940.00%	0	0	0.0%	6,543	746	777.1%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	780	27	2,788.89%	0	0	0.0%	5,099	280	1,721.1%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	717	523	37.09%	0	0	0.0%	8,260	742	1,013.2%
JPY/USD THURSDAY WKLY OP	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,741	277	528.5%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	1,494	1,288	15.99%	0	0	0.0%	6,658	1,459	356.3%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	1,198	565	112.04%	0	0	0.0%	3,938	3,937	0.0%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	337	206	63.59%	0	0	0.0%	7,215	2,419	198.3%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	1,994	1,858	7.32%	0	0	0.0%	10,716	3,453	210.3%
JPY/USD TUESDAY WKLY OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,081	140	2,815.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	109	241	-54.77%	0	0	0.0%	41,812	10,268	307.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	12,739	4,044	215.01%	0	0	0.0%	94,011	54,434	72.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	14,628	5,421	169.84%	0	0	0.0%	109,609	62,412	75.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	17,968	7,946	126.13%	0	0	0.0%	110,023	65,644	67.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	8,557	-100.00%	0	0	0.0%	34,117	18,790	81.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,476	5,232	4.66%	0	0	0.0%	56,317	27,305	106.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,839	2,538	90.66%	0	0	0.0%	42,365	23,583	79.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,074	2,445	107.53%	0	0	0.0%	42,131	27,663	52.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,415	2,370	170.68%	0	0	0.0%	59,290	19,585	202.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	14,907	6,503	129.2%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	7,669	453	1,592.94%	0	0	0.0%	20,089	4,208	377.4%
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	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%	70	4	1,650.00%	0	0	0.0%	556	688	-19.2%
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	-	-	1	-		0	-	-	1	-	-
USD/CNH MONTHLY OPTIONS	0	0	0.0%	40	0	0.00%	0	0	0.0%	1,124	51	2,103.9%
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 SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	305	1,272	-76.02%	0	0	0.0%	4,570	4,484	1.9%
BLOOMBERG COMMOD INDEX	0	0	0.0%	58,258	39,964	45.78%	0	0	0.0%	273,869	217,923	25.7%
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%	6,357	3,873	64.14%	0	0	0.0%	41,283	32,347	27.6%
CASH-SETTLED CHEESE	0	0	0.0%	11,177	11,319	-1.25%	0	0	0.0%	117,909	116,611	1.1%
CAT EURO SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
CATTLE	0	0	0.0%	1,268,651	1,382,014	-8.20%	0	0	0.0%	12,046,909	12,259,736	-1.7%
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%	50	0	0.00%	0	0	0.0%	2,150	0	0.0%
CHI WHEAT	0	0	0.0%	1,915,722	1,828,411	4.78%	0	0	0.0%	24,245,637	23,093,954	5.0%
CLASS IV MILK	0	0	0.0%	1,747	3,839	-54.49%	0	0	0.0%	15,213	12,048	26.3%
CORN	0	0	0.0%	6,123,799	4,165,261	47.02%	0	0	0.0%	72,711,278	62,430,155	16.5%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	36	21	71.43%	0	0	0.0%	349	21	1,561.9%
DRY WHEY	0	0	0.0%	371	1,024	-63.77%	0	0	0.0%	8,330	9,640	-13.6%
FEEDER CATTLE	0	0	0.0%	363,865	432,301	-15.83%	0	0	0.0%	3,214,298	3,252,269	-1.2%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
GOLDMAN SACHS	0	0	0.0%	1,575	1,890	-16.67%	0	0	0.0%	16,320	15,874	2.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	48	23	108.7%
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%	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%	1,083,949	1,032,359	5.00%	0	0	0.0%	11,075,088	9,811,390	12.9%
HOUSING INDEX	0	0	0.0%	28	17	64.71%	0	0	0.0%	196	145	35.2%
IN DELIVERY EUA	0	-	-	16,611	-		0	-	-	32,965	-	-
KC WHEAT	0	0	0.0%	902,822	748,429	20.63%	0	0	0.0%	12,015,620	9,237,197	30.1%
LUMBER	0	0	0.0%	23,445	13,254	76.89%	0	0	0.0%	224,445	129,471	73.4%
MALAYSIAN PALM SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	48,913	33,400	46.45%	0	0	0.0%	392,761	285,834	37.4%
MINI CORN	0	0	0.0%	34,148	19,737	73.02%	0	0	0.0%	261,582	305,411	-14.4%
MINI SOYBEAN	0	0	0.0%	51,335	31,211	64.48%	0	0	0.0%	388,969	378,025	2.9%
MINI WHEAT	0	0	0.0%	18,078	25,272	-28.47%	0	0	0.0%	206,774	279,675	-26.1%
MLK MID OPTIONS	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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<b>Ag Products Futures</b>												
NFD MILK	0	0	0.0%	4,134	5,550	-25.51%	0	0	0.0%	41,350	45,266	-8.7%
OATS	0	0	0.0%	16,281	10,018	62.52%	0	0	0.0%	136,634	117,885	15.9%
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%	24	1,162	-97.93%	0	0	0.0%	1,359	13,627	-90.0%
ROUGH RICE	0	0	0.0%	17,130	13,305	28.75%	0	0	0.0%	195,969	162,060	20.9%
SOYBEAN	0	0	0.0%	4,832,967	4,454,448	8.50%	0	0	0.0%	47,403,103	43,158,114	9.8%
SOYBEAN MEAL	0	0	0.0%	3,240,778	2,623,843	23.51%	0	0	0.0%	31,411,762	25,364,272	23.8%
SOYBEAN OIL	0	0	0.0%	3,282,106	2,955,109	11.07%	0	0	0.0%	31,968,264	27,285,603	17.2%
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%
<b>Ag Products Options</b>												
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%	770	858	-10.26%	0	0	0.0%	8,657	3,786	128.7%
BLOOMBERG COMMOD INDEX	0	-	-	5	-		0	-	-	5	-	-
BUTTER CS	0	0	0.0%	3,770	1,069	252.67%	0	0	0.0%	24,893	15,802	57.5%
CASH-SETTLED CHEESE	0	0	0.0%	7,841	7,742	1.28%	0	0	0.0%	50,400	60,423	-16.6%
CAT EURO SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
CATTLE	0	0	0.0%	405,901	350,190	15.91%	0	0	0.0%	4,306,841	2,742,431	57.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	513,049	510,547	0.49%	0	0	0.0%	5,972,815	5,801,197	3.0%
CLASS IV MILK	0	0	0.0%	6,183	8,652	-28.54%	0	0	0.0%	49,253	58,891	-16.4%
CORN	0	0	0.0%	2,091,071	1,715,073	21.92%	0	0	0.0%	21,575,571	24,429,596	-11.7%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	5,090	2,968	71.50%	0	0	0.0%	33,849	253,053	-86.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	50	2	2,400.00%	0	0	0.0%	26,225	5,666	362.8%
DEC-JUL SOYBEAN MEAL CSO	0	0	0.0%	150	10	1,400.00%	0	0	0.0%	200	210	-4.8%
DEC-JULY CORN CAL SPRD	0	0	0.0%	4,320	640	575.00%	0	0	0.0%	24,431	16,682	46.5%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	350	-100.0%

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<b>Ag Products Options</b>												
DRY WHEY	0	0	0.0%	35	278	-87.41%	0	0	0.0%	1,963	1,545	27.1%
FEEDER CATTLE	0	0	0.0%	65,672	77,694	-15.47%	0	0	0.0%	678,549	538,831	25.9%
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%	279,364	275,880	1.26%	0	0	0.0%	3,143,684	2,771,180	13.4%
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	100	-100.00%	0	0	0.0%	12,243	100,948	-87.9%
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%	25	2,880	-99.13%	0	0	0.0%	67,563	75,533	-10.6%
KC WHEAT	0	0	0.0%	52,420	43,524	20.44%	0	0	0.0%	973,635	652,371	49.2%
LUMBER	0	0	0.0%	672	1,297	-48.19%	0	0	0.0%	8,766	3,610	142.8%
LV CATL CSO	0	0	0.0%	900	0	0.00%	0	0	0.0%	1,800	60	2,900.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	4,158	-100.00%	0	0	0.0%	4,957	19,899	-75.1%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	1,300	100	1,200.00%	0	0	0.0%	4,200	130	3,130.8%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	2,000	0	0.00%	0	0	0.0%	3,154	0	0.0%
MILK	0	0	0.0%	31,282	16,760	86.65%	0	0	0.0%	235,425	189,367	24.3%
MLK MID OPTIONS	0	0	0.0%	1	3	-66.67%	0	0	0.0%	19	22	-13.6%
NFD MILK	0	0	0.0%	3,631	7,161	-49.29%	0	0	0.0%	27,880	38,781	-28.1%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	1,220	-100.00%	0	0	0.0%	2,965	1,420	108.8%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	2,004	-100.00%	0	0	0.0%	17,285	3,844	349.7%
OATS	0	0	0.0%	114	320	-64.38%	0	0	0.0%	1,370	1,654	-17.2%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-		0	-	-	0	-	-
PORK CUTOUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	111	-100.0%
ROUGH RICE	0	0	0.0%	573	2,328	-75.39%	0	0	0.0%	12,537	22,452	-44.2%
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%	2,267,191	1,497,149	51.43%	0	0	0.0%	17,180,968	13,718,077	25.2%
SOYBEAN CRUSH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>Ag Products Options</b>												
SOYBEAN MEAL	0	0	0.0%	385,886	199,893	93.05%	0	0	0.0%	3,960,524	3,005,227	31.8%
SOYBEAN OIL	0	0	0.0%	333,142	367,318	-9.30%	0	0	0.0%	3,230,772	3,387,436	-4.6%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	100	1,370	-92.70%	0	0	0.0%	29,182	61,726	-52.7%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	10,305	3,370	205.8%
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%	810	1,597	-49.28%	0	0	0.0%	53,608	16,703	220.9%
WHEAT-CORN ICSD	0	0	0.0%	0	45	-100.00%	0	0	0.0%	980	270	263.0%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	325	440	-26.14%	0	0	0.0%	25,256	4,992	405.9%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	493,535	322,976	52.8%	220,100,729	151,944,325	44.9%	4,482,796	6,126,649	-26.8%	1,974,072,627	1,682,304,729	17.3%
Equity Index Futures	0	0	0.0%	114,045,741	108,861,155	4.8%	0	0	0.0%	999,716,860	978,372,311	2.2%
Metals Futures	0	0	0.0%	11,044,881	8,620,785	28.1%	0	0	0.0%	117,525,091	95,417,773	23.2%
Energy Futures	0	0	0.0%	42,913,276	37,857,507	13.4%	0	0	0.0%	365,452,464	321,305,708	13.7%
FX Futures	0	0	0.0%	24,440,198	22,730,432	7.5%	0	0	0.0%	186,527,539	165,935,259	12.4%
Ag Products Futures	0	0	0.0%	23,324,662	19,838,303	17.6%	0	0	0.0%	248,455,014	218,019,244	14.0%
<b>TOTAL FUTURES</b>	<b>493,535</b>	<b>322,976</b>	<b>52.8%</b>	<b>435,869,487</b>	<b>349,852,507</b>	<b>24.6%</b>	<b>4,482,796</b>	<b>6,126,649</b>	<b>-26.8%</b>	<b>3,891,749,595</b>	<b>3,461,355,024</b>	<b>12.4%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	28,942,204	30,365,810	-4.7%	0	0	0.0%	284,102,531	234,590,019	21.1%
Interest Rate Options	24,280,340	14,363,637	69.0%	40,741,215	30,597,683	33.2%	198,940,097	209,107,654	-4.9%	342,267,972	302,077,727	13.3%
Metals Options	0	0	0.0%	2,358,181	1,377,341	71.2%	0	0	0.0%	19,451,829	12,767,666	52.4%
Energy Options	0	0	0.0%	6,541,286	4,391,373	49.0%	0	0	0.0%	54,386,854	33,146,620	64.1%
FX Options	0	0	0.0%	741,978	827,967	-10.4%	0	0	0.0%	7,323,375	6,448,660	13.6%
Ag Products Options	0	0	0.0%	6,463,643	5,101,270	26.7%	0	0	0.0%	61,798,236	58,018,376	6.5%
<b>TOTAL OPTIONS</b>	<b>24,280,340</b>	<b>14,363,637</b>	<b>69.0%</b>	<b>85,788,507</b>	<b>72,661,444</b>	<b>18.1%</b>	<b>198,940,097</b>	<b>209,107,654</b>	<b>-4.9%</b>	<b>769,330,797</b>	<b>647,049,068</b>	<b>18.9%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2024	Open Outcry SEP 2023	% CHG	ELEC SEP 2024	ELEC SEP 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
<b>TOTAL COMBINED</b>												
Interest Rate	24,773,875	14,686,613	68.7%	260,841,944	182,542,008	42.9%	203,422,893	215,234,303	-5.5%	2,316,340,599	1,984,382,456	16.7%
Equity Index	0	0	0.0%	142,987,945	139,226,965	2.7%	0	0	0.0%	1,283,819,391	1,212,962,330	5.8%
Metals	0	0	0.0%	13,403,062	9,998,126	34.1%	0	0	0.0%	136,976,920	108,185,439	26.6%
Energy	0	0	0.0%	49,454,562	42,248,880	17.1%	0	0	0.0%	419,839,318	354,452,328	18.4%
FX	0	0	0.0%	25,182,176	23,558,399	6.9%	0	0	0.0%	193,850,914	172,383,919	12.5%
Ag Products	0	0	0.0%	29,788,305	24,939,573	19.4%	0	0	0.0%	310,253,250	276,037,620	12.4%
<b>GRAND TOTAL</b>	<b>24,773,875</b>	<b>14,686,613</b>	<b>68.7%</b>	<b>521,657,994</b>	<b>422,513,951</b>	<b>23.5%</b>	<b>203,422,893</b>	<b>215,234,303</b>	<b>-5.5%</b>	<b>4,661,080,392</b>	<b>4,108,404,092</b>	<b>13.5%</b>

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