



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
10-YR Eris LIBOR	0	0	0.0%	0	5,211	-100.00%	0	0	0.0%	4,082	42,063	-90.3%
10-YR Eris SOFR	0	0	0.0%	4,457	138	3,129.71%	0	0	0.0%	17,432	749	2,227.4%
10-YR MAC LIBOR	0	0	0.0%	0	15,394	-100.00%	0	0	0.0%	27,311	145,569	-81.2%
10-YR MAC SOFR	0	-	-	0	-	-	0	-	-	18	-	-
10-YR NOTE	0	0	0.0%	29,741,842	34,850,320	-14.66%	0	0	0.0%	348,835,376	346,078,730	0.8%
10Y YIELD	0	0	0.0%	128,674	129,061	-0.30%	0	0	0.0%	835,015	916,324	-8.9%
15-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
1-MONTH EURODOLLAR	0	0	0.0%	0	8	-100.00%	0	0	0.0%	6	289	-97.9%
1-YR Eris BSBY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	1,600	-100.0%
1-YR Eris SOFR	0	0	0.0%	470	8,155	-94.24%	0	0	0.0%	27,097	200,685	-86.5%
20-YR BOND	0	0	0.0%	160	2,283	-92.99%	0	0	0.0%	3,671	30,282	-87.9%
20-YR Eris LIBOR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	0	2,238	-100.00%	0	0	0.0%	4,517	80,185	-94.4%
2-YR Eris SOFR	0	0	0.0%	4,268	3,118	36.88%	0	0	0.0%	28,697	92,039	-68.8%
2-YR NOTE	0	0	0.0%	10,350,754	11,416,056	-9.33%	0	0	0.0%	133,226,115	121,716,644	9.5%
2Y YIELD	0	0	0.0%	5,496	9,401	-41.54%	0	0	0.0%	58,907	70,057	-15.9%
30-Year UMBS TBA Futures - 2.5	0	-	-	50	-	-	0	-	-	1,005	-	-
30-Year UMBS TBA Futures - 3.0	0	-	-	1,075	-	-	0	-	-	3,577	-	-
30-Year UMBS TBA Futures - 3.5	0	-	-	1,251	-	-	0	-	-	4,112	-	-
30-Year UMBS TBA Futures - 4.0	0	-	-	1,402	-	-	0	-	-	5,098	-	-
30-Year UMBS TBA Futures - 4.5	0	-	-	1,486	-	-	0	-	-	10,156	-	-
30-Year UMBS TBA Futures - 5.0	0	-	-	1,889	-	-	0	-	-	12,546	-	-
30-Year UMBS TBA Futures - 5.5	0	-	-	2,566	-	-	0	-	-	9,223	-	-
30-Year UMBS TBA Futures - 6.0	0	-	-	2,596	-	-	0	-	-	7,143	-	-
30-YR BOND	0	0	0.0%	8,124,656	6,986,955	16.28%	0	0	0.0%	73,732,733	72,951,671	1.1%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	185	-100.0%
30-YR MAC LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	304	-100.0%
30-YR SWAP RATE	0	-	-	0	-	-	0	-	-	0	-	-
30Y YIELD	0	0	0.0%	1,202	8,818	-86.37%	0	0	0.0%	8,983	90,501	-90.1%
3-YR Eris BSBY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4	-100.0%
3-YR Eris LIBOR	0	0	0.0%	0	2,273	-100.00%	0	0	0.0%	3,771	51,451	-92.7%
3-YR Eris SOFR	0	0	0.0%	2,450	3,152	-22.27%	0	0	0.0%	18,899	28,839	-34.5%
3-YR NOTE	0	0	0.0%	114,168	320,772	-64.41%	0	0	0.0%	1,058,369	3,113,055	-66.0%

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Interest Rate Futures												
4-YR Eris LIBOR	0	0	0.0%	0	1,464	-100.00%	0	0	0.0%	1,140	30,168	-96.2%
4-YR Eris SOFR	0	0	0.0%	918	535	71.59%	0	0	0.0%	6,868	5,484	25.2%
5-YR Eris LIBOR	0	0	0.0%	0	20,332	-100.00%	0	0	0.0%	21,264	212,590	-90.0%
5-YR Eris SOFR	0	0	0.0%	8,383	2,390	250.75%	0	0	0.0%	79,030	20,252	290.2%
5-YR MAC LIBOR	0	0	0.0%	0	41,845	-100.00%	0	0	0.0%	39,600	293,356	-86.5%
5-YR MAC SOFR	0	-	-	0	-	-	0	-	-	92	-	-
5-YR NOTE	0	0	0.0%	20,869,611	22,623,522	-7.75%	0	0	0.0%	265,158,486	242,015,726	9.6%
5Y YIELD	0	0	0.0%	15	483	-96.89%	0	0	0.0%	959	21,261	-95.5%
7-YR Eris LIBOR	0	0	0.0%	0	2,707	-100.00%	0	0	0.0%	2,242	23,513	-90.5%
7-YR Eris SOFR	0	0	0.0%	1,328	112	1,085.71%	0	0	0.0%	7,096	311	2,181.7%
BSBY 3-MONTH FUTURES	0	0	0.0%	441	22,242	-98.02%	0	0	0.0%	31,804	513,723	-93.8%
ESTR Basis Spread Futures	0	-	-	1,816	-	-	0	-	-	12,608	-	-
ESTR Futures	0	-	-	200,796	-	-	0	-	-	796,873	-	-
EURODOLLARS	0	809,604	-100.0%	0	26,337,559	-100.00%	258,492	6,831,929	-96.2%	27,895,109	339,361,109	-91.8%
FED FUND	0	0	0.0%	7,082,503	8,385,696	-15.54%	0	0	0.0%	87,054,427	65,319,897	33.3%
FTIIE	0	0	0.0%	32	124	-74.19%	0	0	0.0%	1,774	881	101.4%
SOFR	322,976	408,389	-20.9%	62,569,439	53,523,997	16.90%	5,868,157	794,234	638.8%	610,032,296	305,889,897	99.4%
SONIA	0	0	0.0%	48	0	0.00%	0	0	0.0%	257	1,293	-80.1%
UBSBM	0	-	-	440	-	-	0	-	-	440	-	-
Ultra 10-Year Note	0	0	0.0%	7,989,898	6,618,363	20.72%	0	0	0.0%	83,261,998	70,206,864	18.6%
ULTRA T-BOND	0	0	0.0%	4,727,745	3,836,252	23.24%	0	0	0.0%	49,956,507	41,987,647	19.0%

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Interest Rate Options												
10-YR NOTE	0	0	0.0%	13,008,879	15,117,781	-13.95%	0	0	0.0%	123,783,311	121,626,146	1.8%
2-YR NOTE	0	0	0.0%	685,966	160,034	328.64%	0	0	0.0%	4,033,433	593,007	580.2%
30-YR BOND	0	0	0.0%	3,435,427	3,024,611	13.58%	0	0	0.0%	24,132,288	22,444,342	7.5%
5-YR NOTE	0	0	0.0%	4,884,371	5,457,245	-10.50%	0	0	0.0%	54,153,818	45,686,413	18.5%
EURODOLLARS	0	5,588,862	-100.0%	0	4,546,835	-100.00%	1,894,920	71,231,828	-97.3%	7,456,246	32,790,851	-77.3%
EURO MIDCURVE	0	1,497,258	-100.0%	0	899,079	-100.00%	396,228	40,250,077	-99.0%	201,525	20,885,158	-99.0%
FED FUND	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	45	-91.1%
SOFR	10,187,155	8,989,587	13.3%	6,228,308	2,644,891	135.48%	167,739,164	26,480,285	533.4%	72,680,427	9,757,940	644.8%
SOFR MIDCURVE	4,176,482	2,985,624	39.9%	2,346,686	921,569	154.64%	39,077,342	8,289,961	371.4%	15,592,315	3,021,885	416.0%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Ultra 10-Year Note	0	0	0.0%	533	4	13,225.00%	0	0	0.0%	7,959	751	959.8%
ULTRA T-BOND	0	0	0.0%	7,513	2,349	219.84%	0	0	0.0%	35,701	21,755	64.1%
Equity Index Futures												
BITCOIN	0	0	0.0%	180,488	263,861	-31.60%	0	0	0.0%	1,858,120	1,863,007	-0.3%
DJ US REAL ESTATE SECTOR	0	0	0.0%	53,824	51,399	4.72%	0	0	0.0%	287,833	319,444	-9.9%
E-mini (\$5) Dow	0	0	0.0%	3,666,438	4,310,073	-14.93%	0	0	0.0%	32,246,243	38,653,518	-16.6%
E-mini FTSE China 50	0	0	0.0%	0	101	-100.00%	0	0	0.0%	44	7,006	-99.4%
E-MINI MIDCAP	0	0	0.0%	320,701	426,371	-24.78%	0	0	0.0%	2,470,313	3,034,429	-18.6%
E-MINI NASDAQ 100	0	0	0.0%	13,948,359	17,618,900	-20.83%	0	0	0.0%	124,201,884	133,000,014	-6.6%
E-MINI RUSSELL 1000	0	0	0.0%	5,125	5,558	-7.79%	0	0	0.0%	23,596	28,656	-17.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	5,722	8,336	-31.36%	0	0	0.0%	23,196	43,895	-47.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	10,136	14,448	-29.84%	0	0	0.0%	44,127	76,420	-42.3%
E-MINI RUSSELL 2000	0	0	0.0%	4,923,481	6,431,639	-23.45%	0	0	0.0%	40,462,625	45,457,791	-11.0%
E-MINI S&P500	0	0	0.0%	38,985,244	59,405,939	-34.37%	0	0	0.0%	335,418,355	373,708,706	-10.2%
E-MINI S&P500 ESG	0	0	0.0%	29,096	41,404	-29.73%	0	0	0.0%	171,661	234,234	-26.7%
ETHER	0	0	0.0%	0	5	-100.00%	0	0	0.0%	0	7	-100.0%
ETHER FUTURES	0	0	0.0%	78,082	161,276	-51.58%	0	0	0.0%	891,400	1,189,864	-25.1%
FT-SE 100	0	0	0.0%	107	75	42.67%	0	0	0.0%	751	1,379	-45.5%
FTSE Emerging	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IBOVESPA INDEX	0	0	0.0%	9	54	-83.33%	0	0	0.0%	298	529	-43.7%

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Equity Index Futures												
MICRO BITCOIN	0	0	0.0%	117,844	235,507	-49.96%	0	0	0.0%	1,775,540	3,001,989	-40.9%
MICRO E-MINI NASDAQ 100	0	0	0.0%	23,844,479	33,070,474	-27.90%	0	0	0.0%	201,618,674	284,153,757	-29.0%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,153,149	2,445,573	-52.85%	0	0	0.0%	14,308,647	25,923,270	-44.8%
MICRO E-MINI S&P500	0	0	0.0%	18,645,561	35,111,542	-46.90%	0	0	0.0%	192,247,845	257,412,228	-25.3%
MICRO ETHER	0	0	0.0%	83,356	498,477	-83.28%	0	0	0.0%	1,555,069	3,921,411	-60.3%
MICRO MINI \$5 DOW	0	0	0.0%	1,621,717	3,391,621	-52.18%	0	0	0.0%	20,145,271	35,129,375	-42.7%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	20	-100.00%	0	0	0.0%	3,203	18,449	-82.6%
NASDAQ BIOTECH SECTOR	0	0	0.0%	32	589	-94.57%	0	0	0.0%	1,189	1,958	-39.3%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	4,450	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	164,463	137,941	19.23%	0	0	0.0%	1,240,973	1,072,915	15.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	674,044	865,701	-22.14%	0	0	0.0%	5,641,863	7,154,702	-21.1%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	166	608	-72.70%	0	0	0.0%	2,143	634	238.0%
S&P 500	0	0	0.0%	2,273	18	12,527.78%	0	0	0.0%	23,783	1,843	1,190.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	61,144	22,805	168.12%	0	0	0.0%	310,850	256,618	21.1%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,941	3,552	264.33%	0	0	0.0%	88,137	15,339	474.6%
S&P 600 SMALLCAP EMINI	0	-	-	243	-	-	0	-	-	376	-	-
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	507	1,400	-63.79%	0	0	0.0%	4,888	7,207	-32.2%
S&P COMMUNICATION SERVIC	0	0	0.0%	9,340	6,556	42.46%	0	0	0.0%	35,173	31,556	11.5%
S&P CONSUMER DISCRETION	0	0	0.0%	8,659	11,893	-27.19%	0	0	0.0%	49,609	65,247	-24.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	35,025	36,401	-3.78%	0	0	0.0%	162,143	159,903	1.4%
S&P ENERGY SECTOR	0	0	0.0%	46,277	74,082	-37.53%	0	0	0.0%	221,548	425,494	-47.9%
S&P FINANCIAL SECTOR	0	0	0.0%	41,162	43,286	-4.91%	0	0	0.0%	201,195	227,737	-11.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	25,587	31,136	-17.82%	0	0	0.0%	119,480	172,930	-30.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	21,285	21,389	-0.49%	0	0	0.0%	104,806	122,802	-14.7%
S&P MATERIALS SECTOR	0	0	0.0%	15,738	16,144	-2.51%	0	0	0.0%	74,725	78,057	-4.3%
S&P OIL & GAS EXPLORATION	0	0	0.0%	99	691	-85.67%	0	0	0.0%	1,593	3,825	-58.4%
S&P REAL ESTATE SECTOR	0	0	0.0%	17,134	9,006	90.25%	0	0	0.0%	57,801	39,281	47.1%
S&P REGIONAL BANKS SECTO	0	0	0.0%	642	1,280	-49.84%	0	0	0.0%	7,193	1,567	359.0%
S&P RETAIL SECTOR	0	0	0.0%	277	872	-68.23%	0	0	0.0%	2,029	2,659	-23.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	19,133	48,238	-60.34%	0	0	0.0%	101,805	188,836	-46.1%
S&P UTILITIES SECTOR	0	0	0.0%	31,781	32,952	-3.55%	0	0	0.0%	161,182	163,905	-1.7%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	50	-	-	0	-	-	766	-	-
TOPIX (YEN)	0	0	0.0%	235	1,570	-85.03%	0	0	0.0%	2,238	19,766	-88.7%

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Equity Index Futures												
WATER INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	128	592	-78.4%
Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,156	1,611	33.83%	0	0	0.0%	23,945	12,909	85.5%
DJIA	0	0	0.0%	4,565	1,892	141.28%	0	0	0.0%	60,484	1,892	3,096.8%
E-mini (\$5) Dow	0	0	0.0%	256	1,300	-80.31%	0	0	0.0%	5,637	19,252	-70.7%
E-MINI NASDAQ 100	0	0	0.0%	1,476,991	1,151,523	28.26%	0	0	0.0%	12,163,259	9,012,489	35.0%
E-MINI RUSSELL 2000	0	0	0.0%	93,546	109,310	-14.42%	0	0	0.0%	1,224,960	1,231,358	-0.5%
E-MINI S&P500	0	0	0.0%	28,414,854	27,454,717	3.50%	0	0	0.0%	218,167,279	195,727,242	11.5%
EOM S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	0	0.0%	2,137	98	2,080.61%	0	0	0.0%	11,236	98	11,365.3%
EVENT CONTRACT S&P 500	0	-	-	11,617	-		0	-	-	54,141	-	-
MICRO BITCOIN	0	0	0.0%	9,664	11,819	-18.23%	0	0	0.0%	95,168	63,960	48.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	51,731	45,890	12.73%	0	0	0.0%	503,292	498,771	0.9%
Micro E-mini S&P 500	0	0	0.0%	281,117	252,242	11.45%	0	0	0.0%	2,123,847	2,113,911	0.5%
MICRO ETHER	0	0	0.0%	17,176	59,201	-70.99%	0	0	0.0%	156,771	202,615	-22.6%
S&P 500	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Metals Futures												
ALUMINUM	0	0	0.0%	120,548	55,594	116.84%	0	0	0.0%	739,636	271,248	172.7%
COBALT METAL FUTURES	0	0	0.0%	27	0	0.00%	0	0	0.0%	397	14	2,735.7%
COMEX COPPER	0	0	0.0%	1,601,112	1,726,883	-7.28%	0	0	0.0%	19,027,793	15,773,711	20.6%
COMEX E-Mini GOLD	0	0	0.0%	13,846	36,484	-62.05%	0	0	0.0%	292,353	274,456	6.5%
COMEX E-Mini SILVER	0	0	0.0%	5,414	3,252	66.48%	0	0	0.0%	51,748	33,986	52.3%
COMEX GOLD	0	0	0.0%	3,688,033	4,449,442	-17.11%	0	0	0.0%	41,619,859	40,595,775	2.5%
COMEX MINY COPPER	0	0	0.0%	3,767	3,038	24.00%	0	0	0.0%	49,955	32,136	55.4%
COMEX SILVER	0	0	0.0%	1,274,876	1,341,949	-5.00%	0	0	0.0%	13,401,799	12,543,581	6.8%
COPPER	0	0	0.0%	92,390	66,738	38.44%	0	0	0.0%	957,658	345,781	177.0%
FERROUS PRODUCTS	0	0	0.0%	899	184	388.59%	0	0	0.0%	3,582	3,668	-2.3%
GOLD	0	0	0.0%	18	2,906	-99.38%	0	0	0.0%	4,162	59,192	-93.0%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	2,045	1,116	83.24%	0	0	0.0%	14,192	6,298	125.3%
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	-	-
METALS	0	0	0.0%	3	20	-85.00%	0	0	0.0%	145	71	104.2%
MICRO GOLD	0	0	0.0%	870,802	1,047,637	-16.88%	0	0	0.0%	12,347,111	9,739,019	26.8%
MOLYBDENUM OXIDE FUTURE	0	-	-	0	-		0	-	-	0	-	-
NYMEX HOT ROLLED STEEL	0	0	0.0%	10,281	5,456	88.43%	0	0	0.0%	82,979	44,918	84.7%
NYMEX PLATINUM	0	0	0.0%	679,965	544,714	24.83%	0	0	0.0%	4,279,623	3,695,316	15.8%
PALLADIUM	0	0	0.0%	50,486	31,919	58.17%	0	0	0.0%	581,961	395,834	47.0%
SILVER	0	0	0.0%	206,269	170,902	20.69%	0	0	0.0%	1,962,816	1,447,625	35.6%
URANIUM	0	0	0.0%	4	0	0.00%	0	0	0.0%	4	24	-83.3%

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CME Group Exchange Volume Comparison Report - Monthly

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Metals Options												
ALUMINUM	0	0	0.0%	1,690	218	675.23%	0	0	0.0%	8,168	218	3,646.8%
COMEX COPPER	0	0	0.0%	73,943	73,182	1.04%	0	0	0.0%	858,998	537,694	59.8%
COMEX GOLD	0	0	0.0%	860,387	743,499	15.72%	0	0	0.0%	7,772,322	6,609,023	17.6%
COMEX SILVER	0	0	0.0%	119,824	125,253	-4.33%	0	0	0.0%	1,298,255	897,420	44.7%
COPPER	0	0	0.0%	8,633	3,882	122.39%	0	0	0.0%	76,760	14,419	432.4%
GOLD	0	0	0.0%	264,338	242,118	9.18%	0	0	0.0%	2,361,802	1,886,062	25.2%
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%	87	0	0.00%	0	0	0.0%	215	0	0.0%
NYMEX PLATINUM	0	0	0.0%	7,725	478	1,516.11%	0	0	0.0%	41,918	4,530	825.3%
PALLADIUM	0	0	0.0%	204	4	5,000.00%	0	0	0.0%	4,064	127	3,100.0%
SILVER	0	0	0.0%	40,510	20,633	96.34%	0	0	0.0%	345,164	163,097	111.6%
Energy Futures												
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,522,766	1,279,520	19.01%	0	0	0.0%	10,717,954	13,070,248	-18.0%
CAR VINTAGE	0	0	0.0%	10,237	6,534	56.67%	0	0	0.0%	85,416	55,149	54.9%
CEU ENERGY	0	-	-	5	-		0	-	-	160	-	-
CHICAGO ETHANOL SWAP	0	0	0.0%	47	108	-56.48%	0	0	0.0%	1,275	1,328	-4.0%
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	74	-100.0%
CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

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Energy Futures												
CRUDE OIL OUTRIGHTS	0	0	0.0%	757	0	0.00%	0	0	0.0%	2,682	0	0.0%
CRUDE OIL PHY	0	0	0.0%	21,228,163	17,626,734	20.43%	0	0	0.0%	169,570,285	180,967,966	-6.3%
CRUDE OIL SPRDS	0	0	0.0%	420	0	0.00%	0	0	0.0%	1,947	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
DUTCH TTF NATURAL GAS CA	0	0	0.0%	56,476	0	0.00%	0	0	0.0%	182,089	10,828	1,581.6%
EAST/WEST FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	12	-100.0%
ELEC FINSETTLED	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EMMISSIONS	0	0	0.0%	2,808	2,654	5.80%	0	0	0.0%	20,199	17,600	14.8%
ETHANOL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN GASOIL (ICE)	0	0	0.0%	32	29	10.34%	0	0	0.0%	293	2,406	-87.8%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	-	-	0	-		0	-	-	0	-	-
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GERMAN POWER BASELOAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	3,648,608	3,433,090	6.28%	0	0	0.0%	28,521,055	29,530,640	-3.4%
HENRY HUB SWAP	0	0	0.0%	0	34	-100.00%	0	0	0.0%	176	1,308	-86.5%
HOUSTON SHIP CHANNEL BAS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HTG OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
INDIANA MISO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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Energy Futures												
JKM LNG Futures	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	253,648	215,142	17.90%	0	0	0.0%	2,233,670	2,159,247	3.4%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	118	148	-20.27%	0	0	0.0%	2,640	5,994	-56.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	140	-100.00%	0	0	0.0%	0	140	-100.0%
MGN1 SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	10	9	11.11%	0	0	0.0%	94	76	23.7%
MINY NATURAL GAS	0	0	0.0%	172,950	259,456	-33.34%	0	0	0.0%	2,062,815	2,886,707	-28.5%
MINY RBOB GAS	0	0	0.0%	7	9	-22.22%	0	0	0.0%	82	83	-1.2%
MINY WTI CRUDE OIL	0	0	0.0%	261,441	606,717	-56.91%	0	0	0.0%	2,799,392	5,657,503	-50.5%
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	310	-100.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	27	99	-72.73%	0	0	0.0%	200	329	-39.2%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	89	-100.00%	0	0	0.0%	19	175	-89.1%
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%	62,872	34,995	79.66%	0	0	0.0%	560,169	396,051	41.4%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	7,138,222	5,961,417	19.74%	0	0	0.0%	72,582,002	63,890,652	13.6%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	8	8	0.00%	0	0	0.0%	179	72	148.6%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Futures												
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	3,497,885	2,699,704	29.57%	0	0	0.0%	31,960,899	30,958,561	3.2%
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	-	-
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	16	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI MIDLAND CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Options												
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,961	5,991	-67.27%	0	0	0.0%	36,305	26,979	34.6%
COAL API2 INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	1,625	1,045	55.50%	0	0	0.0%	5,250	32,258	-83.7%
CRUDE OIL APO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL CALNDR STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	8,337	1,428	483.82%	0	0	0.0%	59,123	1,428	4,040.3%
CRUDE OIL PHY	0	0	0.0%	2,732,325	1,691,270	61.55%	0	0	0.0%	19,214,134	18,578,312	3.4%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL CRK SPD AVG P	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	0	0.0%	1,138	1,033	10.16%	0	0	0.0%	9,711	20,410	-52.4%
HENRY HUB FINANCIAL LAST	0	0	0.0%	1,510	2,807	-46.21%	0	0	0.0%	19,646	2,913	574.4%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	2,245	808	177.85%	0	0	0.0%	5,948	4,743	25.4%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	600	500	20.00%	0	0	0.0%	37,757	5,700	562.4%
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%	25	0	0.00%	0	0	0.0%	79,265	800	9,808.1%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	0	0.0%	1,640,602	752,091	118.14%	0	0	0.0%	13,664,974	9,067,338	50.7%
NATURAL GAS SUMMER STRIF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	76	325	-76.62%	0	0	0.0%	821	1,655	-50.4%
PETROCHEMICALS	0	0	0.0%	6	0	0.00%	0	0	0.0%	30	12	150.0%
PETRO OUTRIGHT EURO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Energy Options												
PJM WES HUB PEAK LMP 50M	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB PHY	0	0	0.0%	236	548	-56.93%	0	0	0.0%	4,619	8,947	-48.4%
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%	487	0	0.00%	0	0	0.0%	4,587	8,145	-43.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	200	0	0.00%	0	0	0.0%	4,450	271	1,542.1%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	3	114	-97.37%	0	0	0.0%	170	466	-63.5%
AD/JY CROSS RATES	0	0	0.0%	1,534	3,762	-59.22%	0	0	0.0%	13,253	41,858	-68.3%
AD/NE CROSS RATES	0	0	0.0%	3,926	14,868	-73.59%	0	0	0.0%	28,717	29,694	-3.3%
AUSTRALIAN DOLLAR	0	0	0.0%	2,797,457	2,765,464	1.16%	0	0	0.0%	18,366,001	19,012,791	-3.4%
BP/JY CROSS RATES	0	0	0.0%	1,708	12,524	-86.36%	0	0	0.0%	19,133	40,684	-53.0%
BP/SF CROSS RATES	0	0	0.0%	1,034	4,578	-77.41%	0	0	0.0%	18,142	18,722	-3.1%
BRAZIL REAL	0	0	0.0%	322,712	243,094	32.75%	0	0	0.0%	2,422,164	2,493,859	-2.9%
BRITISH POUND	0	0	0.0%	2,681,318	4,372,787	-38.68%	0	0	0.0%	19,786,153	22,904,102	-13.6%
CANADIAN DOLLAR	0	0	0.0%	2,305,097	2,682,494	-14.07%	0	0	0.0%	15,637,484	16,987,879	-7.9%
CD/JY CROSS RATES	0	0	0.0%	136	15	806.67%	0	0	0.0%	533	287	85.7%
CHILEAN PESO	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	41,908	49,260	-14.92%	0	0	0.0%	262,418	253,135	3.7%
CZECK KORUNA (EC)	0	0	0.0%	1	0	0.00%	0	0	0.0%	6	19	-68.4%
CZECK KORUNA (US)	0	0	0.0%	2	8	-75.00%	0	0	0.0%	35	26	34.6%
EC/AD CROSS RATES	0	0	0.0%	17,865	14,356	24.44%	0	0	0.0%	50,079	54,021	-7.3%
EC/CD CROSS RATES	0	0	0.0%	15,582	13,170	18.31%	0	0	0.0%	57,376	75,914	-24.4%
EC/NOK CROSS RATES	0	0	0.0%	1,046	8,867	-88.20%	0	0	0.0%	9,992	18,288	-45.4%
EC/SEK CROSS RATES	0	0	0.0%	3,048	3,883	-21.50%	0	0	0.0%	18,675	22,361	-16.5%
EFX/BP CROSS RATES	0	0	0.0%	155,819	192,559	-19.08%	0	0	0.0%	613,582	885,095	-30.7%
EFX/JY CROSS RATES	0	0	0.0%	110,680	100,695	9.92%	0	0	0.0%	450,737	521,203	-13.5%
EFX/SF CROSS RATES	0	0	0.0%	52,074	62,490	-16.67%	0	0	0.0%	208,376	374,711	-44.4%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Futures												
E-MICRO USD/CAD	0	0	0.0%	95	83	14.46%	0	0	0.0%	1,069	1,818	-41.2%
E-MICRO USD/CHF	0	0	0.0%	117	63	85.71%	0	0	0.0%	1,319	707	86.6%
E-MICRO USD/JPY	0	0	0.0%	4,873	1,980	146.11%	0	0	0.0%	33,829	150,324	-77.5%
E-MINI EURO FX	0	0	0.0%	111,565	214,527	-47.99%	0	0	0.0%	1,092,959	1,359,912	-19.6%
E-MINI JAPANESE YEN	0	0	0.0%	10,249	22,461	-54.37%	0	0	0.0%	109,754	105,636	3.9%
EURO FX	0	0	0.0%	5,887,099	7,982,950	-26.25%	0	0	0.0%	42,715,899	45,523,622	-6.2%
HUNGARIAN FORINT (EC)	0	0	0.0%	15	0	0.00%	0	0	0.0%	37	2	1,750.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	4	-75.00%	0	0	0.0%	86	42	104.8%
INDIAN RUPEE	0	0	0.0%	18,904	44,018	-57.05%	0	0	0.0%	238,349	227,451	4.8%
JAPANESE YEN	0	0	0.0%	3,855,812	5,004,873	-22.96%	0	0	0.0%	32,223,149	29,110,455	10.7%
KOREAN WON	0	0	0.0%	857	260	229.62%	0	0	0.0%	3,757	2,883	30.3%
MEXICAN PESO	0	0	0.0%	1,935,477	1,942,344	-0.35%	0	0	0.0%	11,585,338	10,854,922	6.7%
MICRO AUD/USD	0	0	0.0%	250,855	276,759	-9.36%	0	0	0.0%	2,439,074	2,354,409	3.6%
MICRO CAD/USD	0	0	0.0%	43,112	69,404	-37.88%	0	0	0.0%	466,191	527,704	-11.7%
MICRO CHF/USD	0	0	0.0%	16,579	25,467	-34.90%	0	0	0.0%	141,014	157,429	-10.4%
MICRO EUR/USD	0	0	0.0%	522,155	1,023,632	-48.99%	0	0	0.0%	5,553,473	6,998,898	-20.7%
MICRO GBP/USD	0	0	0.0%	62,423	233,213	-73.23%	0	0	0.0%	617,356	1,018,750	-39.4%
MICRO INR/USD	0	0	0.0%	244	592	-58.78%	0	0	0.0%	3,822	6,422	-40.5%
MICRO JPY/USD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	825,431	957,366	-13.78%	0	0	0.0%	5,873,244	5,767,515	1.8%
NKR/USD CROSS RATE	0	0	0.0%	5,011	4,212	18.97%	0	0	0.0%	29,543	26,977	9.5%
POLISH ZLOTY (EC)	0	0	0.0%	167	203	-17.73%	0	0	0.0%	537	1,211	-55.7%
POLISH ZLOTY (US)	0	0	0.0%	2,591	2,252	15.05%	0	0	0.0%	10,389	12,223	-15.0%
RMB USD	0	0	0.0%	0	10	-100.00%	0	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	0	0.0%	0	22	-100.00%	0	0	0.0%	0	576,766	-100.0%
S.AFRICAN RAND	0	0	0.0%	90,801	100,283	-9.46%	0	0	0.0%	717,575	827,711	-13.3%
SF/JY CROSS RATES	0	0	0.0%	779	704	10.65%	0	0	0.0%	4,926	5,149	-4.3%
SHEKEL	0	0	0.0%	439	38	1,055.26%	0	0	0.0%	1,203	146	724.0%
SKR/USD CROSS RATES	0	0	0.0%	7,026	11,374	-38.23%	0	0	0.0%	42,251	58,811	-28.2%
SWISS FRANC	0	0	0.0%	564,795	781,371	-27.72%	0	0	0.0%	4,065,905	5,004,921	-18.8%
TURKISH LIRA	0	0	0.0%	0	2	-100.00%	0	0	0.0%	20	2	900.0%
USDZAR	0	0	0.0%	10	0	0.00%	0	0	0.0%	115	31	271.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	191	55	247.27%	0	0	0.0%	1,779	1,754	1.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	187	53	252.83%	0	0	0.0%	3,670	3,243	13.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	143	84	70.24%	0	0	0.0%	1,988	2,286	-13.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	135	268	-49.63%	0	0	0.0%	2,674	3,143	-14.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	490	1,218	-59.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	67,666	80,112	-15.54%	0	0	0.0%	526,372	629,427	-16.4%
AUD/USD THURSDAY WKLY O	0	-	-	41	-	-	0	-	-	1,065	-	-
AUD/USD THURSDAY WKLY O	0	-	-	50	-	-	0	-	-	792	-	-
AUD/USD THURSDAY WKLY O	0	-	-	16	-	-	0	-	-	1,222	-	-
AUD/USD THURSDAY WKLY O	0	-	-	71	-	-	0	-	-	1,567	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	498	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	253	-	-	0	-	-	1,791	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	40	-	-	0	-	-	1,802	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	39	-	-	0	-	-	1,204	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	298	-	-	0	-	-	1,230	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	282	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	37	177	-79.10%	0	0	0.0%	4,305	4,572	-5.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	804	973	-17.37%	0	0	0.0%	11,777	12,876	-8.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,000	1,344	-25.60%	0	0	0.0%	12,820	18,338	-30.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	897	1,074	-16.48%	0	0	0.0%	14,199	13,571	4.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	889	972	-8.54%	0	0	0.0%	3,278	5,196	-36.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	649	82	691.46%	0	0	0.0%	4,336	5,629	-23.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	357	199	79.40%	0	0	0.0%	2,542	4,194	-39.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	282	202	39.60%	0	0	0.0%	2,864	5,318	-46.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	122	114	7.02%	0	0	0.0%	2,239	4,608	-51.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,279	578	121.3%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	284	-100.00%	0	0	0.0%	345	3,021	-88.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	654	545	20.00%	0	0	0.0%	7,006	1,833	282.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	138	928	-85.13%	0	0	0.0%	9,194	10,496	-12.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	392	1,922	-79.60%	0	0	0.0%	6,475	9,622	-32.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,473	804	207.59%	0	0	0.0%	8,127	7,006	16.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	338	1,535	-78.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	29,205	52,919	-44.81%	0	0	0.0%	442,593	539,224	-17.9%
CAD/USD THURSDAY WKLY O	0	-	-	212	-	-	0	-	-	2,488	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
CAD/USD THURSDAY WKLY O	0	-	-	561	-		0	-	-	2,864	-	-
CAD/USD THURSDAY WKLY O	0	-	-	247	-		0	-	-	2,852	-	-
CAD/USD THURSDAY WKLY O	0	-	-	937	-		0	-	-	4,851	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	2,323	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	59	-		0	-	-	3,088	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	583	-		0	-	-	5,565	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	500	-		0	-	-	3,264	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,680	-		0	-	-	2,986	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	917	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	209	1,002	-79.14%	0	0	0.0%	11,086	12,919	-14.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,377	1,535	-10.29%	0	0	0.0%	17,311	29,262	-40.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,081	4,764	-35.33%	0	0	0.0%	20,460	49,806	-58.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,215	7,708	-45.32%	0	0	0.0%	26,978	42,119	-35.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,191	2,751	15.99%	0	0	0.0%	10,973	12,620	-13.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	720	1,147	-37.23%	0	0	0.0%	11,442	9,172	24.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	910	404	125.25%	0	0	0.0%	9,757	11,221	-13.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,959	1,750	69.09%	0	0	0.0%	9,397	13,505	-30.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,727	564	206.21%	0	0	0.0%	10,594	14,133	-25.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,768	4,237	-11.07%	0	0	0.0%	31,771	39,542	-19.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	0	0.00%	0	0	0.0%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	61	8	662.50%	0	0	0.0%	5,542	871	536.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	236	38	521.05%	0	0	0.0%	6,919	1,001	591.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	465	181	156.91%	0	0	0.0%	15,761	1,207	1,205.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	473	34	1,291.18%	0	0	0.0%	3,534	117	2,920.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	204	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,480	4,350	-65.98%	0	0	0.0%	15,014	16,403	-8.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,672	3,272	-48.90%	0	0	0.0%	15,397	22,405	-31.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,825	2,124	-14.08%	0	0	0.0%	12,755	9,660	32.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	597	4,943	-87.92%	0	0	0.0%	15,119	24,837	-39.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,061	4,256	-51.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	331,014	381,662	-13.27%	0	0	0.0%	2,162,534	2,184,478	-1.0%
EUR/USD THURSDAY WKLY O	0	-	-	544	-		0	-	-	6,924	-	-

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CME Group Exchange Volume Comparison Report - Monthly

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FX Options												
EUR/USD THURSDAY WKLY O	0	-	-	944	-		0	-	-	6,400	-	-
EUR/USD THURSDAY WKLY O	0	-	-	808	-		0	-	-	5,362	-	-
EUR/USD THURSDAY WKLY O	0	-	-	1,313	-		0	-	-	8,160	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	380	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,320	-		0	-	-	3,883	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	81	-		0	-	-	5,637	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	473	-		0	-	-	6,080	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	465	-		0	-	-	4,302	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	1,588	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	755	3,547	-78.71%	0	0	0.0%	29,190	50,401	-42.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,486	6,385	48.57%	0	0	0.0%	154,001	119,928	28.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	37,504	16,315	129.87%	0	0	0.0%	224,608	144,580	55.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,325	11,452	77.48%	0	0	0.0%	243,619	159,904	52.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,932	14,798	0.91%	0	0	0.0%	34,918	58,029	-39.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,386	11,867	-54.61%	0	0	0.0%	42,676	57,256	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,166	7,309	25.41%	0	0	0.0%	55,304	48,074	15.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,331	5,079	44.34%	0	0	0.0%	42,690	47,660	-10.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,293	7,733	-5.69%	0	0	0.0%	41,691	55,970	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	14,869	20,237	-26.5%
EVENT CONTRACT EUR/USD	0	0	0.0%	6,812	1,690	303.08%	0	0	0.0%	51,626	1,690	2,954.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,679	771	117.77%	0	0	0.0%	6,194	4,908	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	192	1,342	-85.69%	0	0	0.0%	8,959	10,203	-12.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	799	739	8.12%	0	0	0.0%	3,673	2,910	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	3,155	860	266.86%	0	0	0.0%	6,907	4,880	41.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	591	1,480	-60.1%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	73,397	112,538	-34.78%	0	0	0.0%	554,017	682,676	-18.8%
GBP/USD THURSDAY WKLY O	0	-	-	595	-		0	-	-	2,253	-	-
GBP/USD THURSDAY WKLY O	0	-	-	88	-		0	-	-	1,720	-	-
GBP/USD THURSDAY WKLY O	0	-	-	115	-		0	-	-	2,310	-	-
GBP/USD THURSDAY WKLY O	0	-	-	361	-		0	-	-	1,326	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-		0	-	-	363	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	477	-		0	-	-	1,504	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	158	-		0	-	-	2,917	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	104	-		0	-	-	1,893	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	128	-		0	-	-	1,680	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	448	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	145	206	-29.61%	0	0	0.0%	6,628	7,507	-11.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,953	653	352.22%	0	0	0.0%	25,252	18,399	37.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,596	2,431	6.79%	0	0	0.0%	34,082	23,909	42.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,226	6,163	-47.66%	0	0	0.0%	21,942	23,673	-7.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,898	2,477	-23.38%	0	0	0.0%	6,641	8,769	-24.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,861	1,605	15.95%	0	0	0.0%	7,293	11,230	-35.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	305	382	-20.16%	0	0	0.0%	8,986	4,293	109.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,653	1,499	10.27%	0	0	0.0%	11,135	8,810	26.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	920	1,152	-20.14%	0	0	0.0%	6,374	8,482	-24.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,387	3,640	-61.90%	0	0	0.0%	5,511	6,541	-15.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	101	487.13%	0	0	0.0%	11,944	7,427	60.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	44	1,247.73%	0	0	0.0%	4,438	2,820	57.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,084	1,389	-21.96%	0	0	0.0%	7,261	9,383	-22.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,177	247	781.4%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	86,458	106,010	-18.44%	0	0	0.0%	836,636	1,161,438	-28.0%
JPY/USD THURSDAY WKLY OP	0	-	-	542	-		0	-	-	2,205	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	5	-		0	-	-	746	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	27	-		0	-	-	280	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	523	-		0	-	-	742	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-		0	-	-	277	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,288	-		0	-	-	1,459	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	565	-		0	-	-	3,937	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	206	-		0	-	-	2,419	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,858	-		0	-	-	3,453	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-		0	-	-	140	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	241	492	-51.02%	0	0	0.0%	10,268	31,828	-67.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,044	3,893	3.88%	0	0	0.0%	54,434	69,320	-21.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,421	9,934	-45.43%	0	0	0.0%	62,412	99,138	-37.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,946	13,112	-39.40%	0	0	0.0%	65,644	96,479	-32.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,557	9,027	-5.21%	0	0	0.0%	18,790	37,049	-49.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,232	5,226	0.11%	0	0	0.0%	27,305	30,843	-11.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,538	6,494	-60.92%	0	0	0.0%	23,583	30,447	-22.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,445	5,381	-54.56%	0	0	0.0%	27,663	28,449	-2.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,370	8,037	-70.51%	0	0	0.0%	19,585	39,294	-50.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	6,503	11,330	-42.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	453	1,320	-65.68%	0	0	0.0%	4,208	6,512	-35.4%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-		0	-	-	5	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	4	1	300.00%	0	0	0.0%	688	670	2.7%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-		0	-	-	2	-	-
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
USD/CNH MONTHLY OPTIONS	0	-	-	0	-		0	-	-	51	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-		0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-		0	-	-	0	-	-
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	1,272	208	511.54%	0	0	0.0%	4,484	2,283	96.4%
BUTTER CS	0	0	0.0%	3,873	2,369	63.49%	0	0	0.0%	32,347	36,440	-11.2%
CASH-SETTLED CHEESE	0	0	0.0%	11,319	8,345	35.64%	0	0	0.0%	116,611	84,679	37.7%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,382,014	1,326,823	4.16%	0	0	0.0%	12,259,736	10,970,008	11.8%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CHI WHEAT	0	0	0.0%	1,828,411	1,825,910	0.14%	0	0	0.0%	23,093,954	20,041,697	15.2%
CLASS IV MILK	0	0	0.0%	3,839	1,816	111.40%	0	0	0.0%	12,048	21,648	-44.3%
COFFEE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CORN	0	0	0.0%	4,165,261	4,589,967	-9.25%	0	0	0.0%	62,430,155	59,066,169	5.7%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	21	0	0.00%	0	0	0.0%	21	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Futures												
DOW-UBS COMMOD INDEX	0	0	0.0%	39,964	59,069	-32.34%	0	0	0.0%	217,923	410,445	-46.9%
DOW-UBS COMMOD INDEX SW	0	-	-	0	-		0	0	0.0%	0	0	0.0%
DRY WHEY	0	0	0.0%	1,024	789	29.78%	0	0	0.0%	9,640	8,501	13.4%
FEEDER CATTLE	0	0	0.0%	432,301	338,861	27.57%	0	0	0.0%	3,252,269	2,517,264	29.2%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	4	7	-42.9%
GOLDMAN SACHS	0	0	0.0%	1,890	2,098	-9.91%	0	0	0.0%	15,874	25,974	-38.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	39	-100.00%	0	0	0.0%	23	91	-74.7%
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%	1,032,359	1,048,653	-1.55%	0	0	0.0%	9,811,390	8,738,953	12.3%
HOUSING INDEX	0	0	0.0%	17	7	142.86%	0	0	0.0%	145	141	2.8%
KC WHEAT	0	0	0.0%	748,429	609,930	22.71%	0	0	0.0%	9,237,197	8,069,510	14.5%
LUMBER	0	0	0.0%	13,254	10,145	30.65%	0	0	0.0%	129,471	76,629	69.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	33,400	25,451	31.23%	0	0	0.0%	285,834	257,671	10.9%
MINI CORN	0	0	0.0%	19,737	44,046	-55.19%	0	0	0.0%	305,411	516,783	-40.9%
MINI SOYBEAN	0	0	0.0%	31,211	54,033	-42.24%	0	0	0.0%	378,025	546,865	-30.9%
MINI WHEAT	0	0	0.0%	25,272	31,614	-20.06%	0	0	0.0%	279,675	249,011	12.3%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,550	3,420	62.28%	0	0	0.0%	45,266	50,885	-11.0%
OATS	0	0	0.0%	10,018	7,298	37.27%	0	0	0.0%	117,885	75,222	56.7%
OTC SP GSCI ER SWAP	0	-	-	0	-		0	-	-	0	-	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	1,162	1,206	-3.65%	0	0	0.0%	13,627	19,765	-31.1%
ROUGH RICE	0	0	0.0%	13,305	10,606	25.45%	0	0	0.0%	162,060	159,743	1.5%
SOYBEAN	0	0	0.0%	4,454,448	3,933,024	13.26%	0	0	0.0%	43,158,114	36,141,245	19.4%
SOYBEAN MEAL	0	0	0.0%	2,623,843	2,356,434	11.35%	0	0	0.0%	25,364,272	19,697,172	28.8%
SOYBEAN OIL	0	0	0.0%	2,955,109	2,620,129	12.78%	0	0	0.0%	27,285,603	20,995,315	30.0%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WHEAT	0	0	0.0%	0	0	0.00%	0	0	0.0%	30	6,012	-99.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Options												
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-		0	-	-	1,950	-	-
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,410	212	565.1%
BLOCK CHEESE	0	0	0.0%	858	20	4,190.00%	0	0	0.0%	3,786	2,509	50.9%
BUTTER CS	0	0	0.0%	1,069	1,190	-10.17%	0	0	0.0%	15,802	12,093	30.7%
CASH-SETTLED CHEESE	0	0	0.0%	7,742	3,709	108.74%	0	0	0.0%	60,423	56,561	6.8%
CATTLE	0	0	0.0%	350,190	230,958	51.62%	0	0	0.0%	2,742,431	1,934,388	41.8%
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%	510,547	613,900	-16.84%	0	0	0.0%	5,801,197	5,417,272	7.1%
CLASS IV MILK	0	0	0.0%	8,652	12,478	-30.66%	0	0	0.0%	58,891	67,852	-13.2%
CORN	0	0	0.0%	1,715,073	2,090,590	-17.96%	0	0	0.0%	24,429,596	24,767,579	-1.4%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	2,968	5,443	-45.47%	0	0	0.0%	253,053	200,439	26.2%
DEC-DEC CORN CAL SPRD	0	0	0.0%	2	0	0.00%	0	0	0.0%	5,666	0	0.0%
DEC-JUL SOYBEAN MEAL CSO	0	-	-	10	-		0	-	-	210	-	-
DEC-JULY CORN CAL SPRD	0	0	0.0%	640	1,725	-62.90%	0	0	0.0%	16,682	15,416	8.2%
DEC-JULY WHEAT CAL SPRD	0	-	-	0	-		0	-	-	350	-	-
DRY WHEY	0	0	0.0%	278	0	0.00%	0	0	0.0%	1,545	2,729	-43.4%
FEEDER CATTLE	0	0	0.0%	77,694	37,296	108.32%	0	0	0.0%	538,831	322,700	67.0%
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%	275,880	242,841	13.61%	0	0	0.0%	2,771,180	2,067,587	34.0%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	-	-	0	-		0	-	-	0	-	-
JULY-DEC CORN CAL SPRD	0	0	0.0%	100	7,650	-98.69%	0	0	0.0%	100,948	78,270	29.0%
JULY-DEC SOYMEAL CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,270	845	168.6%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,560	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	3,200	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	10	2	400.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	2,880	1,645	75.08%	0	0	0.0%	75,533	43,173	75.0%
KC WHEAT	0	0	0.0%	43,524	48,791	-10.80%	0	0	0.0%	652,371	650,370	0.3%
LUMBER	0	0	0.0%	1,297	203	538.92%	0	0	0.0%	3,610	3,730	-3.2%
LV CATL CSO	0	-	-	0	-		0	-	-	60	-	-

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CME Group Exchange Volume Comparison Report - Monthly

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Ag Products Options												
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	4,158	2,440	70.41%	0	0	0.0%	19,899	25,490	-21.9%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	100	100	0.00%	0	0	0.0%	130	600	-78.3%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	150	-100.0%
MILK	0	0	0.0%	16,760	28,834	-41.87%	0	0	0.0%	189,367	205,953	-8.1%
MLK MID OPTIONS	0	0	0.0%	3	0	0.00%	0	0	0.0%	22	45	-51.1%
NFD MILK	0	0	0.0%	7,161	2,411	197.01%	0	0	0.0%	38,781	31,001	25.1%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	1,220	25	4,780.00%	0	0	0.0%	1,420	5,160	-72.5%
NOV-MAR SOYBEAN CSO	0	0	0.0%	2,004	0	0.00%	0	0	0.0%	3,844	0	0.0%
OATS	0	0	0.0%	320	36	788.89%	0	0	0.0%	1,654	1,812	-8.7%
PORK CUTOUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	111	35	217.1%
ROUGH RICE	0	0	0.0%	2,328	1,535	51.66%	0	0	0.0%	22,452	14,633	53.4%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0.00%	0	0	0.0%	2,350	830	183.1%
SOYBEAN	0	0	0.0%	1,497,149	1,072,372	39.61%	0	0	0.0%	13,718,077	14,105,689	-2.7%
SOYBEAN CRUSH	0	0	0.0%	0	4	-100.00%	0	0	0.0%	5	165	-97.0%
SOYBEAN MEAL	0	0	0.0%	199,893	183,463	8.96%	0	0	0.0%	3,005,227	2,083,417	44.2%
SOYBEAN OIL	0	0	0.0%	367,318	184,884	98.67%	0	0	0.0%	3,387,436	2,127,123	59.2%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	1,370	4,265	-67.88%	0	0	0.0%	61,726	32,048	92.6%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,370	1,250	169.6%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	0	1,100	-100.00%	0	0	0.0%	175	1,100	-84.1%
WHEAT	0	0	0.0%	1,597	277	476.53%	0	0	0.0%	16,703	1,134	1,372.9%
WHEAT-CORN ICSCO	0	0	0.0%	45	2	2,150.00%	0	0	0.0%	270	2,352	-88.5%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	440	410	7.32%	0	0	0.0%	4,992	31,697	-84.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	322,976	1,217,993	-73.5%	151,944,325	175,180,976	-13.3%	6,126,649	7,626,163	-19.7%	1,682,304,729	1,611,515,198	4.4%
Equity Index Futures	0	0	0.0%	108,861,155	164,860,763	-34.0%	0	0	0.0%	978,372,311	1,217,399,201	-19.6%
Metals Futures	0	0	0.0%	8,620,785	9,488,234	-9.1%	0	0	0.0%	95,417,773	85,262,653	11.9%
Energy Futures	0	0	0.0%	37,857,507	32,126,636	17.8%	0	0	0.0%	321,305,708	329,613,459	-2.5%
FX Futures	0	0	0.0%	22,730,432	29,245,455	-22.3%	0	0	0.0%	165,935,259	174,519,738	-4.9%
Ag Products Futures	0	0	0.0%	19,838,303	18,912,290	4.9%	0	0	0.0%	218,019,244	188,786,128	15.5%
TOTAL FUTURES	322,976	1,217,993	-73.5%	349,852,507	429,814,354	-18.6%	6,126,649	7,626,163	-19.7%	3,461,355,024	3,607,096,377	-4.0%

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

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	30,365,810	29,089,603	4.4%	0	0	0.0%	234,590,019	208,884,497	12.3%
Interest Rate Options	14,363,637	19,061,331	-24.6%	30,597,683	32,774,398	-6.6%	209,107,654	146,252,151	43.0%	302,077,727	256,828,293	17.6%
Metals Options	0	0	0.0%	1,377,341	1,209,267	13.9%	0	0	0.0%	12,767,666	10,112,590	26.3%
Energy Options	0	0	0.0%	4,391,373	2,457,846	78.7%	0	0	0.0%	33,146,620	27,759,911	19.4%
FX Options	0	0	0.0%	827,967	958,679	-13.6%	0	0	0.0%	6,448,660	7,049,649	-8.5%
Ag Products Options	0	0	0.0%	5,101,270	4,780,597	6.7%	0	0	0.0%	58,018,376	54,318,611	6.8%
TOTAL OPTIONS	14,363,637	19,061,331	-24.6%	72,661,444	71,270,390	2.0%	209,107,654	146,252,151	43.0%	647,049,068	564,953,551	14.5%
TOTAL COMBINED												
Interest Rate	14,686,613	20,279,324	-27.6%	182,542,008	207,955,374	-12.2%	215,234,303	153,878,314	39.9%	1,984,382,456	1,868,343,491	6.2%
Equity Index	0	0	0.0%	139,226,965	193,950,366	-28.2%	0	0	0.0%	1,212,962,330	1,426,283,698	-15.0%
Metals	0	0	0.0%	9,998,126	10,697,501	-6.5%	0	0	0.0%	108,185,439	95,375,243	13.4%
Energy	0	0	0.0%	42,248,880	34,584,482	22.2%	0	0	0.0%	354,452,328	357,373,370	-0.8%
FX	0	0	0.0%	23,558,399	30,204,134	-22.0%	0	0	0.0%	172,383,919	181,569,387	-5.1%
Ag Products	0	0	0.0%	24,939,573	23,692,887	5.3%	0	0	0.0%	276,037,620	243,104,739	13.5%
GRAND TOTAL	14,686,613	20,279,324	-27.6%	422,513,951	501,084,744	-15.7%	215,234,303	153,878,314	39.9%	4,108,404,092	4,172,049,928	-1.5%

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

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