



## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>												
10-YR Eris LIBOR	0	0	0.0%	5,211	4,613	12.96%	0	0	0.0%	42,063	18,962	121.8%
10-YR Eris SOFR	0	0	0.0%	138	30	360.00%	0	0	0.0%	749	180	316.1%
10-YR MAC LIBOR	0	0	0.0%	15,394	90,860	-83.06%	0	0	0.0%	145,569	498,039	-70.8%
10-YR NOTE	0	0	0.0%	34,850,320	31,934,548	9.13%	0	0	0.0%	346,078,730	346,601,882	-0.2%
10Y YIELD	0	0	0.0%	129,061	317,579	-59.36%	0	0	0.0%	916,324	439,833	108.3%
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%	8	0	0.00%	0	0	0.0%	289	0	0.0%
1-YR Eris BSBY	0	-	-	0	-	-	0	-	-	1,600	-	-
1-YR Eris SOFR	0	0	0.0%	8,155	44,480	-81.67%	0	0	0.0%	200,685	653,828	-69.3%
20-YR BOND	0	-	-	2,283	-	-	0	-	-	30,282	-	-
20-YR SWAP RATE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	0	0	0.0%	2,238	9,312	-75.97%	0	0	0.0%	80,185	23,918	235.2%
2-YR Eris SOFR	0	0	0.0%	3,118	1,730	80.23%	0	0	0.0%	92,039	25,550	260.2%
2-YR NOTE	0	0	0.0%	11,416,056	5,299,135	115.43%	0	0	0.0%	121,716,644	75,206,554	61.8%
2Y YIELD	0	0	0.0%	9,401	613	1,433.61%	0	0	0.0%	70,057	5,488	1,176.5%
30-YR BOND	0	0	0.0%	6,986,955	8,309,583	-15.92%	0	0	0.0%	72,951,671	84,176,319	-13.3%
30-YR Eris LIBOR	0	0	0.0%	0	0	0.00%	0	0	0.0%	185	0	0.0%
30-YR SWAP RATE	0	0	0.0%	0	94	-100.00%	0	0	0.0%	304	104	192.3%
30Y YIELD	0	0	0.0%	8,818	6,471	36.27%	0	0	0.0%	90,501	7,301	1,139.6%
3-YR Eris BSBY	0	-	-	0	-	-	0	-	-	4	-	-
3-YR Eris LIBOR	0	0	0.0%	2,273	5,925	-61.64%	0	0	0.0%	51,451	24,384	111.0%
3-YR Eris SOFR	0	0	0.0%	3,152	1,666	89.20%	0	0	0.0%	28,839	11,349	154.1%
3-YR NOTE	0	0	0.0%	320,772	204,328	56.99%	0	0	0.0%	3,113,055	1,608,861	93.5%
4-YR Eris LIBOR	0	0	0.0%	1,464	3,994	-63.35%	0	0	0.0%	30,168	21,975	37.3%
4-YR Eris SOFR	0	0	0.0%	535	1,030	-48.06%	0	0	0.0%	5,484	4,680	17.2%
5-YR Eris LIBOR	0	0	0.0%	20,332	19,316	5.26%	0	0	0.0%	212,590	190,914	11.4%
5-YR Eris SOFR	0	0	0.0%	2,390	1,260	89.68%	0	0	0.0%	20,252	3,755	439.3%
5-YR MAC LIBOR	0	0	0.0%	41,845	56,023	-25.31%	0	0	0.0%	293,356	438,368	-33.1%
5-YR NOTE	0	0	0.0%	22,623,522	17,592,449	28.60%	0	0	0.0%	242,015,726	200,747,919	20.6%
5Y YIELD	0	0	0.0%	483	3,978	-87.86%	0	0	0.0%	21,261	6,719	216.4%
7-YR Eris LIBOR	0	0	0.0%	2,707	1,495	81.07%	0	0	0.0%	23,513	18,162	29.5%
7-YR Eris SOFR	0	-	-	112	-	-	0	-	-	311	-	-
BSBY 3-MONTH FUTURES	0	0	0.0%	22,242	139,734	-84.08%	0	0	0.0%	513,723	141,687	262.6%
EURODOLLARS	809,604	467,695	73.1%	26,337,559	42,902,202	-38.61%	6,831,929	3,809,391	79.3%	339,361,109	428,287,886	-20.8%
FED FUND	0	0	0.0%	8,385,696	1,659,164	405.42%	0	0	0.0%	65,319,897	16,081,249	306.2%
SOFR	408,389	0	0.0%	53,523,997	2,840,199	1,784.52%	794,234	0	0.0%	305,889,897	21,704,653	1,309.3%
SONIA	0	0	0.0%	0	20,755	-100.00%	0	0	0.0%	1,293	779,024	-99.8%

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<b>Interest Rate Futures</b>												
TIIE	0	0	0.0%	124	292	-57.53%	0	0	0.0%	881	739	19.2%
Ultra 10-Year Note	0	0	0.0%	6,618,363	6,243,349	6.01%	0	0	0.0%	70,206,864	66,748,545	5.2%
ULTRA T-BOND	0	0	0.0%	3,836,252	3,408,030	12.57%	0	0	0.0%	41,987,647	41,106,007	2.1%
<b>Interest Rate Options</b>												
10-YR NOTE	0	0	0.0%	15,117,781	12,499,172	20.95%	0	0	0.0%	121,626,146	119,857,803	1.5%
2-YR NOTE	0	0	0.0%	160,034	2,107	7,495.35%	0	0	0.0%	593,007	111,234	433.1%
30-YR BOND	0	0	0.0%	3,024,611	2,572,996	17.55%	0	0	0.0%	22,444,342	24,303,076	-7.6%
5-YR NOTE	0	0	0.0%	5,457,245	2,676,333	103.91%	0	0	0.0%	45,686,413	27,532,263	65.9%
EURODOLLARS	5,588,862	2,219,835	151.8%	4,546,835	1,423,607	219.39%	71,231,828	22,522,226	216.3%	32,790,851	11,872,111	176.2%
EURO MIDCURVE	1,497,258	9,140,071	-83.6%	899,079	4,197,461	-78.58%	40,250,077	94,030,658	-57.2%	20,885,158	46,290,600	-54.9%
FED FUND	0	0	0.0%	0	0	0.00%	0	0	0.0%	45	0	0.0%
SOFR	8,989,587	310	2,899,766.8%	2,644,891	0	0.00%	26,480,285	7,310	362,147.4%	9,757,940	1,342	727,019.2%
SOFR MIDCURVE	2,985,624	0	0.0%	921,569	0	0.00%	8,289,961	0	0.0%	3,021,885	60	5,036,375.0%
Ultra 10-Year Note	0	0	0.0%	4	0	0.00%	0	0	0.0%	751	46	1,532.6%
ULTRA T-BOND	0	0	0.0%	2,349	814	188.57%	0	0	0.0%	21,755	5,984	263.6%
<b>Equity Index Futures</b>												
BITCOIN	0	0	0.0%	263,861	159,315	65.62%	0	0	0.0%	1,863,007	1,880,419	-0.9%
DJ US REAL ESTATE SECTOR	0	0	0.0%	51,399	70,151	-26.73%	0	0	0.0%	319,444	309,371	3.3%
E-mini (\$5) Dow	0	0	0.0%	4,310,073	4,509,886	-4.43%	0	0	0.0%	38,653,518	32,938,639	17.4%
E-mini FTSE China 50	0	0	0.0%	101	174	-41.95%	0	0	0.0%	7,006	521	1,244.7%
E-MINI MIDCAP	0	0	0.0%	426,371	367,825	15.92%	0	0	0.0%	3,034,429	2,316,238	31.0%
E-MINI NASDAQ 100	0	0	0.0%	17,618,900	13,262,873	32.84%	0	0	0.0%	133,000,014	102,486,243	29.8%
E-MINI RUSSELL 1000	0	0	0.0%	5,558	9,489	-41.43%	0	0	0.0%	28,656	40,630	-29.5%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	8,336	8,399	-0.75%	0	0	0.0%	43,895	29,187	50.4%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	14,448	14,667	-1.49%	0	0	0.0%	76,420	74,996	1.9%
E-MINI RUSSELL 2000	0	0	0.0%	6,431,639	5,196,403	23.77%	0	0	0.0%	45,457,791	37,147,925	22.4%
E-MINI S&P500	0	0	0.0%	59,405,939	41,675,276	42.54%	0	0	0.0%	373,708,706	298,792,739	25.1%
E-MINI S&P500 ESG	0	0	0.0%	41,404	22,742	82.06%	0	0	0.0%	234,234	120,342	94.6%
ETHER	0	-	-	5	-	-	0	-	-	7	-	-
ETHER FUTURES	0	0	0.0%	161,276	130,506	23.58%	0	0	0.0%	1,189,864	560,335	112.3%
FT-SE 100	0	0	0.0%	75	10	650.00%	0	0	0.0%	1,379	201	586.1%

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<b>Equity Index Futures</b>												
FTSE Emerging	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	54	215	-74.88%	0	0	0.0%	529	1,854	-71.5%
MICRO BITCOIN	0	0	0.0%	235,507	434,043	-45.74%	0	0	0.0%	3,001,989	2,157,399	39.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	33,070,474	19,222,879	72.04%	0	0	0.0%	284,153,757	173,589,950	63.7%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,445,573	3,566,315	-31.43%	0	0	0.0%	25,923,270	28,397,966	-8.7%
MICRO E-MINI S&P500	0	0	0.0%	35,111,542	19,180,797	83.06%	0	0	0.0%	257,412,228	160,724,114	60.2%
MICRO ETHER	0	-	-	498,477	-	-	0	-	-	3,921,411	-	-
MICRO MINI \$5 DOW	0	0	0.0%	3,391,621	3,346,391	1.35%	0	0	0.0%	35,129,375	24,016,595	46.3%
NASDAQ-100 VOLATILITY	0	0	0.0%	20	33	-39.39%	0	0	0.0%	18,449	95	19,320.0%
NASDAQ BIOTECH SECTOR	0	0	0.0%	589	850	-30.71%	0	0	0.0%	1,958	5,483	-64.3%
Nearby BTIC+	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,450	356	1,150.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	137,941	215,279	-35.92%	0	0	0.0%	1,072,915	1,182,531	-9.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	865,701	932,062	-7.12%	0	0	0.0%	7,154,702	5,910,751	21.0%
PHLX SEMICONDUCTOR SECT	0	-	-	608	-	-	0	-	-	634	-	-
S&P 500	0	0	0.0%	18	66	-72.73%	0	0	0.0%	1,843	12,585	-85.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	22,805	9,474	140.71%	0	0	0.0%	256,618	123,554	107.7%
S&P 500/GI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	3,552	40	8,780.00%	0	0	0.0%	15,339	764	1,907.7%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
S&P BIOTECHNOLOGY SECTO	0	-	-	1,400	-	-	0	-	-	7,207	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	6,556	6,012	9.05%	0	0	0.0%	31,556	26,378	19.6%
S&P CONSUMER DISCRETION	0	0	0.0%	11,893	12,777	-6.92%	0	0	0.0%	65,247	87,423	-25.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	36,401	34,215	6.39%	0	0	0.0%	159,903	162,552	-1.6%
S&P ENERGY SECTOR	0	0	0.0%	74,082	47,780	55.05%	0	0	0.0%	425,494	257,658	65.1%
S&P FINANCIAL SECTOR	0	0	0.0%	43,286	42,587	1.64%	0	0	0.0%	227,737	292,735	-22.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	31,136	32,063	-2.89%	0	0	0.0%	172,930	140,218	23.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	21,389	15,595	37.15%	0	0	0.0%	122,802	97,592	25.8%
S&P MATERIALS SECTOR	0	0	0.0%	16,144	13,723	17.64%	0	0	0.0%	78,057	80,800	-3.4%
S&P OIL & GAS EXPLORATION	0	-	-	691	-	-	0	-	-	3,825	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	9,006	11,069	-18.64%	0	0	0.0%	39,281	40,502	-3.0%
S&P REGIONAL BANKS SECTO	0	-	-	1,280	-	-	0	-	-	1,567	-	-
S&P RETAIL SECTOR	0	-	-	872	-	-	0	-	-	2,659	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	48,238	24,976	93.14%	0	0	0.0%	188,836	112,410	68.0%
S&P UTILITIES SECTOR	0	0	0.0%	32,952	30,969	6.40%	0	0	0.0%	163,905	146,492	11.9%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	0	0.0%	0	19	-100.00%	0	0	0.0%	592	944	-37.3%
YEN DENOMINATED TOPIX	0	0	0.0%	1,570	3,912	-59.87%	0	0	0.0%	19,766	17,622	12.2%

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<b>Equity Index Options</b>												
BITCOIN OPTIONS	0	0	0.0%	1,611	1,146	40.58%	0	0	0.0%	12,909	10,185	26.7%
DJIA	0	-	-	1,892	-	-	0	-	-	1,892	-	-
E-mini (\$5) Dow	0	0	0.0%	1,300	2,514	-48.29%	0	0	0.0%	19,252	13,800	39.5%
E-MINI NASDAQ 100	0	0	0.0%	1,151,523	596,300	93.11%	0	0	0.0%	9,012,489	4,979,648	81.0%
E-mini Russell 2000	0	0	0.0%	78,071	103,669	-24.69%	0	0	0.0%	942,220	813,505	15.8%
E-MINI RUSSELL 2000	0	0	0.0%	31,239	28,635	9.09%	0	0	0.0%	289,138	256,498	12.7%
E-mini S&P 500	0	0	0.0%	11,657,193	8,819,473	32.18%	0	0	0.0%	98,301,292	61,711,349	59.3%
E-MINI S&P500	0	0	0.0%	15,797,524	8,928,815	76.93%	0	0	0.0%	97,425,950	54,672,871	78.2%
EOM S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,156	-100.0%
ETHER OPTIONS	0	-	-	98	-	-	0	-	-	98	-	-
MICRO BITCOIN	0	-	-	11,819	-	-	0	-	-	63,960	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	33,989	31,342	8.45%	0	0	0.0%	389,323	238,330	63.4%
MICRO E-MINI NASDAQ 100	0	0	0.0%	11,901	9,833	21.03%	0	0	0.0%	109,448	52,469	108.6%
Micro E-mini S&P 500	0	0	0.0%	252,242	203,361	24.04%	0	0	0.0%	2,113,911	1,326,579	59.4%
MICRO ETHER	0	-	-	59,201	-	-	0	-	-	202,615	-	-
S&P 500	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	200	-100.0%

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<b>Metals Futures</b>												
ALUMINUM	0	0	0.0%	55,594	16,372	239.57%	0	0	0.0%	271,248	106,281	155.2%
COBALT METAL FUTURES	0	0	0.0%	0	0	0.00%	0	0	0.0%	14	12	16.7%
COMEX COPPER	0	0	0.0%	1,726,883	1,398,783	23.46%	0	0	0.0%	15,773,711	19,480,349	-19.0%
COMEX E-Mini GOLD	0	0	0.0%	36,484	28,309	28.88%	0	0	0.0%	274,456	207,723	32.1%
COMEX E-Mini SILVER	0	0	0.0%	3,252	3,137	3.67%	0	0	0.0%	33,986	55,366	-38.6%
COMEX GOLD	0	0	0.0%	4,449,442	3,863,425	15.17%	0	0	0.0%	40,595,775	44,227,237	-8.2%
COMEX MINY COPPER	0	0	0.0%	3,038	4,075	-25.45%	0	0	0.0%	32,136	38,095	-15.6%
COMEX SILVER	0	0	0.0%	1,341,949	1,123,878	19.40%	0	0	0.0%	12,543,581	15,325,387	-18.2%
COPPER	0	0	0.0%	66,738	0	0.00%	0	0	0.0%	345,781	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	184	531	-65.35%	0	0	0.0%	3,668	6,745	-45.6%
GOLD	0	0	0.0%	2,906	19,193	-84.86%	0	0	0.0%	59,192	62,150	-4.8%
HOT ROLLED COIL STEEL FUT	0	0	0.0%	1,116	216	416.67%	0	0	0.0%	6,298	1,423	342.6%
IRON ORE 62 CHINA TSI FUTU	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	16	-100.0%
METALS	0	0	0.0%	20	0	0.00%	0	0	0.0%	71	0	0.0%
MICRO GOLD	0	0	0.0%	1,047,637	954,845	9.72%	0	0	0.0%	9,739,019	10,868,072	-10.4%
NYMEX HOT ROLLED STEEL	0	0	0.0%	5,456	4,144	31.66%	0	0	0.0%	44,918	37,720	19.1%
NYMEX PLATINUM	0	0	0.0%	544,714	488,453	11.52%	0	0	0.0%	3,695,316	3,257,882	13.4%
PALLADIUM	0	0	0.0%	31,919	44,422	-28.15%	0	0	0.0%	395,834	416,784	-5.0%
SILVER	0	0	0.0%	170,902	126,397	35.21%	0	0	0.0%	1,447,625	1,866,353	-22.4%
URANIUM	0	0	0.0%	0	25	-100.00%	0	0	0.0%	24	490	-95.1%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Metals Options</b>												
ALUMINUM	0	0	0.0%	218	0	0.00%	0	0	0.0%	218	0	0.0%
COMEX COPPER	0	0	0.0%	73,182	41,734	75.35%	0	0	0.0%	537,694	372,410	44.4%
COMEX GOLD	0	0	0.0%	743,499	513,143	44.89%	0	0	0.0%	6,609,023	5,195,880	27.2%
COMEX SILVER	0	0	0.0%	125,253	112,077	11.76%	0	0	0.0%	897,420	1,275,554	-29.6%
COPPER	0	0	0.0%	3,882	15	25,780.00%	0	0	0.0%	14,419	182	7,822.5%
GOLD	0	0	0.0%	242,118	151,801	59.50%	0	0	0.0%	1,886,062	1,424,684	32.4%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI CALL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
IRON ORE 62 CHINA TSI PUT O	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NYMEX PLATINUM	0	0	0.0%	478	382	25.13%	0	0	0.0%	4,530	4,410	2.7%
PALLADIUM	0	0	0.0%	4	14	-71.43%	0	0	0.0%	127	680	-81.3%
SILVER	0	0	0.0%	20,633	16,090	28.23%	0	0	0.0%	163,097	95,702	70.4%
<b>Energy Futures</b>												
3.5% FUEL OIL CID MED SWA	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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%
AUSTRALIAN COKE COAL	-	0	0.0%	-	0	0.00%	-	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%	1,279,520	1,854,859	-31.02%	0	0	0.0%	13,070,248	17,959,527	-27.2%
CAR VINTAGE	0	0	0.0%	6,534	5,017	30.24%	0	0	0.0%	55,149	13,736	301.5%
CHICAGO ETHANOL SWAP	0	0	0.0%	108	243	-55.56%	0	0	0.0%	1,328	2,439	-45.6%
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%
CIG BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
CIN HUB 5MW REAL TIME O P	-	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>												
CIN HUB 5MW REAL TIME PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
COLUMB GULF MAINLINE NG B	-	0	0.0%	-	0	0.00%	-	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	7	-100.00%	0	0	0.0%	74	31	138.7%
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%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	0	0.0%	17,626,734	19,669,365	-10.38%	0	0	0.0%	180,967,966	183,151,649	-1.2%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	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 BRENT (PLATTS) DAILY	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	-	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%	0	25,651	-100.00%	0	0	0.0%	10,828	384,960	-97.2%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0.00%	0	0	0.0%	12	1	1,100.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EMMISSIONS	0	-	-	2,654	-	-	0	-	-	17,600	-	-
ETHANOL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	262	-100.0%
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 3.5% FUEL OIL SPREAD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EURO GASOIL 10 CAL SWAP	0	-	-	0	-	-	0	-	-	0	-	-
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
EUROPE 3.5% FUEL OIL MED	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%	29	46	-36.96%	0	0	0.0%	2,406	402	498.5%
EUROPEAN NAPHTHA BALMO	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>												
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	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%
FUEL OIL (PLATS) CAR CM	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
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	0.00%	-	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	6	-100.00%	0	0	0.0%	0	90	-100.0%
GROUP THREE UNLEAD GAS (	-	0	0.0%	-	0	0.00%	-	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 CLNDF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND A	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	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%	3,433,090	3,228,302	6.34%	0	0	0.0%	29,530,640	26,558,508	11.2%
HENRY HUB BASIS SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB FINANCIAL LAST	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB INDEX SWAP FUT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
HENRY HUB SWAP	0	0	0.0%	34	0	0.00%	0	0	0.0%	1,308	31	4,119.4%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>												
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	0	0.00%	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0.00%	0	0	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%
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	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%
LOS ANGELES CARB GASOLIN	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
LTD NAT GAS	0	0	0.0%	215,142	304,834	-29.42%	0	0	0.0%	2,159,247	2,045,514	5.6%
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%
MARS BLEND CRUDE OIL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MCCLOSKY ARA ARGS COAL	0	0	0.0%	148	1,513	-90.22%	0	0	0.0%	5,994	19,637	-69.5%
MCCLOSKY RCH BAY COAL	0	0	0.0%	140	48	191.67%	0	0	0.0%	140	213	-34.3%
MGN1 SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	-	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%	9	5	80.00%	0	0	0.0%	76	57	33.3%
MINY NATURAL GAS	0	0	0.0%	259,456	367,665	-29.43%	0	0	0.0%	2,886,707	1,255,425	129.9%
MINY RBOB GAS	0	0	0.0%	9	7	28.57%	0	0	0.0%	83	79	5.1%
MINY WTI CRUDE OIL	0	0	0.0%	606,717	337,945	79.53%	0	0	0.0%	5,657,503	3,731,167	51.6%
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%	310	325	-4.6%
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%	99	160	-38.13%	0	0	0.0%	329	457	-28.0%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
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%	89	0	0.00%	0	0	0.0%	175	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	15	-100.00%	0	0	0.0%	0	25	-100.0%
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%	34,995	82,143	-57.40%	0	0	0.0%	396,051	448,248	-11.6%
NATURAL GAS PEN SWP	0	0	0.0%	0	8	-100.00%	0	0	0.0%	0	118	-100.0%
NATURAL GAS PHY	0	0	0.0%	5,961,417	10,247,908	-41.83%	0	0	0.0%	63,890,652	71,987,331	-11.2%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NEPOOL NE MASS 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	0	0.00%	0	0	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%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NGPL TEX/OK	-	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%
NO 2 UP-DOWN SPREAD CALE	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NORTHWEST ROCKIES BASIS	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	8	0	0.00%	0	0	0.0%	72	24	200.0%
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	0	0.00%	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	-	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	0	0.00%	0	0	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%
NYISO ZONE J 5MW D AH O P	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYISO ZONE J 5MW D AH PK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ALUMINUM FUTURES	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NYMEX ULSD VS NYMEX HO	-	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%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	-	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>												
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 DAYTON DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM DAYTON DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM MONTHLY	-	0	0.0%	-	0	0.00%	-	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 PECO ZONE5MW PEAK C	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM PSEG DA PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTH DA OFF-PEAK	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
PJM WESTHDA PEAK	-	0	0.0%	-	0	0.00%	-	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%
RBOB CRACK SPREAD BALMO	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%	2,699,704	3,807,744	-29.10%	0	0	0.0%	30,958,561	34,714,444	-10.8%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	-	0	0.0%	-	0	0.00%	-	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	0.00%	-	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>												
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 BALMO	-	0	0.0%	-	0	0.00%	-	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%
Sumas Basis Swap	-	0	0.0%	-	0	0.00%	-	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%
TCO BASIS SWAP	-	0	0.0%	-	0	0.00%	-	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	0	0.00%	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAF	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
UK NBP NAT GAS CAL MTH FU	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WAHA BASIS	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT BULLET SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0.00%	0	0	0.0%	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%
<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%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	5,991	1,743	243.72%	0	0	0.0%	26,979	28,282	-4.6%
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	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	0	0	0.0%	1,045	0	0.00%	0	0	0.0%	32,258	42,180	-23.5%

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<b>Energy Options</b>												
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	0	0.00%	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	-	-	1,428	-		0	-	-	1,428	-	-
CRUDE OIL PHY	0	0	0.0%	1,691,270	2,032,439	-16.79%	0	0	0.0%	18,578,312	17,255,924	7.7%
ELEC FINSETTLED	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	-	-	0	-		0	-	-	0	-	-
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%	1,033	1,822	-43.30%	0	0	0.0%	20,410	17,364	17.5%
HENRY HUB FINANCIAL LAST	0	0	0.0%	2,807	0	0.00%	0	0	0.0%	2,913	40	7,182.5%
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%
MCCLOSKY ARA ARGS COAL	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MCCLOSKY RCH BAY COAL	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NATURAL GAS	0	-	-	808	-		0	-	-	4,743	-	-
NATURAL GAS 1 M CSO FIN	0	0	0.0%	500	2,100	-76.19%	0	0	0.0%	5,700	8,750	-34.9%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0.00%	0	0	0.0%	800	200	300.0%
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%	752,091	1,650,864	-54.44%	0	0	0.0%	9,067,338	11,875,300	-23.6%
NATURAL GAS SUMMER STRIF	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	0	0	0.0%	325	37	778.38%	0	0	0.0%	1,655	626	164.4%
PETROCHEMICALS	0	0	0.0%	0	2	-100.00%	0	0	0.0%	12	62	-80.6%
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 WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	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%	548	1,202	-54.41%	0	0	0.0%	8,947	19,384	-53.8%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
SHORT TERM	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 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Energy Options</b>												
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	8,145	7,100	14.7%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	85	-100.00%	0	0	0.0%	271	1,035	-73.8%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	114	10	1,040.00%	0	0	0.0%	466	158	194.9%
AD/JY CROSS RATES	0	0	0.0%	3,762	2,045	83.96%	0	0	0.0%	41,858	19,068	119.5%
AD/NE CROSS RATES	0	0	0.0%	14,868	455	3,167.69%	0	0	0.0%	29,694	2,458	1,108.1%
AUSTRALIAN DOLLAR	0	0	0.0%	2,765,464	2,435,332	13.56%	0	0	0.0%	19,012,791	18,747,073	1.4%
BP/JY CROSS RATES	0	0	0.0%	12,524	3,312	278.14%	0	0	0.0%	40,684	22,535	80.5%
BP/SF CROSS RATES	0	0	0.0%	4,578	1,710	167.72%	0	0	0.0%	18,722	6,952	169.3%
BRAZIL REAL	0	0	0.0%	243,094	182,967	32.86%	0	0	0.0%	2,493,859	2,111,397	18.1%
BRITISH POUND	0	0	0.0%	4,372,787	2,393,155	82.72%	0	0	0.0%	22,904,102	17,788,504	28.8%
CANADIAN DOLLAR	0	0	0.0%	2,682,494	2,044,471	31.21%	0	0	0.0%	16,987,879	15,101,114	12.5%
CD/JY CROSS RATES	0	0	0.0%	15	96	-84.38%	0	0	0.0%	287	1,460	-80.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	49,260	22,348	120.42%	0	0	0.0%	253,135	152,343	66.2%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	19	2	850.0%
CZECK KORUNA (US)	0	0	0.0%	8	3	166.67%	0	0	0.0%	26	8	225.0%
EC/AD CROSS RATES	0	0	0.0%	14,356	10,441	37.50%	0	0	0.0%	54,021	44,094	22.5%
EC/CD CROSS RATES	0	0	0.0%	13,170	16,772	-21.48%	0	0	0.0%	75,914	66,077	14.9%
EC/NOK CROSS RATES	0	0	0.0%	8,867	1,875	372.91%	0	0	0.0%	18,288	6,006	204.5%
EC/SEK CROSS RATES	0	0	0.0%	3,883	1,491	160.43%	0	0	0.0%	22,361	5,865	281.3%
EFX/BP CROSS RATES	0	0	0.0%	192,559	127,919	50.53%	0	0	0.0%	885,095	529,669	67.1%
EFX/JY CROSS RATES	0	0	0.0%	100,695	115,979	-13.18%	0	0	0.0%	521,203	392,806	32.7%
EFX/SF CROSS RATES	0	0	0.0%	62,490	55,699	12.19%	0	0	0.0%	374,711	217,582	72.2%
E-MICRO USD/CAD	0	0	0.0%	83	94	-11.70%	0	0	0.0%	1,818	346	425.4%
E-MICRO USD/CHF	0	0	0.0%	63	0	0.00%	0	0	0.0%	707	29	2,337.9%
E-MICRO USD/JPY	0	0	0.0%	1,980	113	1,652.21%	0	0	0.0%	150,324	122	123,116.4%
E-MINI EURO FX	0	0	0.0%	214,527	120,064	78.68%	0	0	0.0%	1,359,912	1,112,371	22.3%
E-MINI JAPANESE YEN	0	0	0.0%	22,461	10,239	119.37%	0	0	0.0%	105,636	82,168	28.6%
EURO FX	0	0	0.0%	7,982,950	5,000,579	59.64%	0	0	0.0%	45,523,622	36,252,848	25.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	4	31	-87.10%	0	0	0.0%	42	168	-75.0%
INDIAN RUPEE	0	0	0.0%	44,018	15,112	191.28%	0	0	0.0%	227,451	122,992	84.9%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Futures</b>												
JAPANESE YEN	0	0	0.0%	5,004,873	2,818,212	77.59%	0	0	0.0%	29,110,455	19,881,083	46.4%
KOREAN WON	0	0	0.0%	260	398	-34.67%	0	0	0.0%	2,883	11,349	-74.6%
MEXICAN PESO	0	0	0.0%	1,942,344	1,480,779	31.17%	0	0	0.0%	10,854,922	10,135,812	7.1%
MICRO AUD/USD	0	0	0.0%	276,759	184,515	49.99%	0	0	0.0%	2,354,409	1,870,209	25.9%
MICRO CAD/USD	0	0	0.0%	69,404	70,778	-1.94%	0	0	0.0%	527,704	507,843	3.9%
MICRO CHF/USD	0	0	0.0%	25,467	9,751	161.17%	0	0	0.0%	157,429	79,618	97.7%
MICRO EUR/USD	0	0	0.0%	1,023,632	465,207	120.04%	0	0	0.0%	6,998,898	4,381,681	59.7%
MICRO GBP/USD	0	0	0.0%	233,213	88,199	164.42%	0	0	0.0%	1,018,750	665,891	53.0%
MICRO INR/USD	0	0	0.0%	592	1,565	-62.17%	0	0	0.0%	6,422	16,346	-60.7%
MICRO JPY/USD	0	0	0.0%	0	39,505	-100.00%	0	0	0.0%	101,719	300,001	-66.1%
MICRO USD/CNH	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	957,366	646,505	48.08%	0	0	0.0%	5,767,515	5,422,657	6.4%
NKR/USD CROSS RATE	0	0	0.0%	4,212	6,607	-36.25%	0	0	0.0%	26,977	43,228	-37.6%
POLISH ZLOTY (EC)	0	0	0.0%	203	342	-40.64%	0	0	0.0%	1,211	1,310	-7.6%
POLISH ZLOTY (US)	0	0	0.0%	2,252	1,536	46.61%	0	0	0.0%	12,223	8,120	50.5%
RMB USD	0	0	0.0%	10	0	0.00%	0	0	0.0%	29	3	866.7%
RUSSIAN RUBLE	0	0	0.0%	22	174,250	-99.99%	0	0	0.0%	576,766	960,592	-40.0%
S.AFRICAN RAND	0	0	0.0%	100,283	98,080	2.25%	0	0	0.0%	827,711	525,558	57.5%
SF/JY CROSS RATES	0	0	0.0%	704	40	1,660.00%	0	0	0.0%	5,149	255	1,919.2%
SHEKEL	0	0	0.0%	38	2	1,800.00%	0	0	0.0%	146	18	711.1%
SKR/USD CROSS RATES	0	0	0.0%	11,374	8,622	31.92%	0	0	0.0%	58,811	45,224	30.0%
SWISS FRANC	0	0	0.0%	781,371	626,598	24.70%	0	0	0.0%	5,004,921	4,446,935	12.5%
TURKISH LIRA	0	0	0.0%	2	0	0.00%	0	0	0.0%	2	8	-75.0%
USDZAR	0	0	0.0%	0	7	-100.00%	0	0	0.0%	31	71	-56.3%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	0	0.0%	55	683	-91.95%	0	0	0.0%	1,754	3,112	-43.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	53	302	-82.45%	0	0	0.0%	3,243	3,231	0.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	84	253	-66.80%	0	0	0.0%	2,286	3,187	-28.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	268	398	-32.66%	0	0	0.0%	3,143	3,996	-21.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,218	1,370	-11.1%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	80,112	55,025	45.59%	0	0	0.0%	629,427	436,416	44.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	177	2,881	-93.86%	0	0	0.0%	4,572	7,112	-35.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	973	1,865	-47.83%	0	0	0.0%	12,876	14,980	-14.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,344	4,032	-66.67%	0	0	0.0%	18,338	24,193	-24.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,074	4,153	-74.14%	0	0	0.0%	13,571	26,881	-49.5%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	972	418	132.54%	0	0	0.0%	5,196	5,275	-1.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	82	147	-44.22%	0	0	0.0%	5,629	8,733	-35.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	199	1,069	-81.38%	0	0	0.0%	4,194	7,129	-41.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	30	205	-85.37%	0	0	0.0%	2,072	2,941	-29.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	114	968	-88.22%	0	0	0.0%	4,608	8,493	-45.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	577	-100.00%	0	0	0.0%	578	1,985	-70.9%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	284	200	42.00%	0	0	0.0%	3,021	2,790	8.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	545	1,686	-67.67%	0	0	0.0%	1,833	7,647	-76.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	928	4,455	-79.17%	0	0	0.0%	10,496	14,997	-30.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,922	6,008	-68.01%	0	0	0.0%	9,622	9,904	-2.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	804	7,502	-89.28%	0	0	0.0%	7,006	21,705	-67.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,535	3,147	-51.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	52,919	101,549	-47.89%	0	0	0.0%	539,224	619,742	-13.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,002	11,817	-91.52%	0	0	0.0%	12,919	26,826	-51.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,535	5,808	-73.57%	0	0	0.0%	29,262	42,930	-31.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,764	14,049	-66.09%	0	0	0.0%	49,806	69,519	-28.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,708	26,511	-70.93%	0	0	0.0%	42,119	87,397	-51.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,751	1,512	81.94%	0	0	0.0%	12,620	17,090	-26.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,147	5,461	-79.00%	0	0	0.0%	9,172	18,328	-50.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	404	1,527	-73.54%	0	0	0.0%	11,221	17,098	-34.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,750	6,388	-72.60%	0	0	0.0%	13,505	18,667	-27.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	564	13,014	-95.67%	0	0	0.0%	14,133	25,556	-44.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	5,794	-100.00%	0	0	0.0%	4,474	9,035	-50.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	4,237	7,061	-39.99%	0	0	0.0%	39,542	44,694	-11.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	110	-100.00%	0	0	0.0%	989	411	140.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	8	47	-82.98%	0	0	0.0%	871	2,240	-61.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	38	160	-76.25%	0	0	0.0%	1,001	1,703	-41.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	181	56	223.21%	0	0	0.0%	1,207	2,386	-49.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	34	0	0.00%	0	0	0.0%	117	238	-50.8%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	6	-100.00%	0	0	0.0%	204	6	3,300.0%
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
EURODOLLARS	0	-	-	1,690	-	-	0	-	-	1,690	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	4,350	947	359.35%	0	0	0.0%	16,403	16,082	2.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,272	107	2,957.94%	0	0	0.0%	22,405	13,121	70.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,124	1,340	58.51%	0	0	0.0%	9,660	13,058	-26.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	4,943	5,771	-14.35%	0	0	0.0%	24,837	24,590	1.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	4,256	5,945	-28.4%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
EUR/USD MONTHLY OPTIONS	0	0	0.0%	381,662	159,625	139.10%	0	0	0.0%	2,184,478	1,756,573	24.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,547	18,619	-80.95%	0	0	0.0%	50,401	49,106	2.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,385	10,646	-40.02%	0	0	0.0%	119,928	117,400	2.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,315	21,147	-22.85%	0	0	0.0%	144,580	178,560	-19.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,452	24,589	-53.43%	0	0	0.0%	159,904	166,799	-4.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,798	3,392	336.26%	0	0	0.0%	58,029	61,597	-5.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	11,867	4,347	172.99%	0	0	0.0%	57,256	57,347	-0.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,309	3,390	115.60%	0	0	0.0%	48,074	62,341	-22.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,079	3,558	42.75%	0	0	0.0%	47,660	60,384	-21.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,733	8,230	-6.04%	0	0	0.0%	55,970	79,994	-30.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	12,756	-100.00%	0	0	0.0%	20,237	25,392	-20.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	771	967	-20.27%	0	0	0.0%	4,908	4,094	19.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,342	302	344.37%	0	0	0.0%	10,203	5,271	93.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	739	486	52.06%	0	0	0.0%	2,910	2,373	22.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	860	61	1,309.84%	0	0	0.0%	4,880	4,319	13.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,480	654	126.3%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	112,538	68,422	64.48%	0	0	0.0%	682,676	648,908	5.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	206	3,983	-94.83%	0	0	0.0%	7,507	12,159	-38.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	653	1,564	-58.25%	0	0	0.0%	18,399	21,969	-16.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,431	3,674	-33.83%	0	0	0.0%	23,909	26,478	-9.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,163	3,592	71.58%	0	0	0.0%	23,673	30,573	-22.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,477	491	404.48%	0	0	0.0%	8,769	8,403	4.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,605	259	519.69%	0	0	0.0%	11,230	9,647	16.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	382	308	24.03%	0	0	0.0%	4,293	5,578	-23.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,499	174	761.49%	0	0	0.0%	8,810	5,771	52.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,152	1,298	-11.25%	0	0	0.0%	8,482	9,334	-9.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	690	-100.00%	0	0	0.0%	670	2,591	-74.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	3,640	195	1,766.67%	0	0	0.0%	6,541	3,291	98.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	101	801	-87.39%	0	0	0.0%	7,427	5,091	45.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	44	201	-78.11%	0	0	0.0%	2,820	3,682	-23.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,389	1,694	-18.00%	0	0	0.0%	9,383	3,356	179.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.00%	0	0	0.0%	247	2,697	-90.8%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	106,010	85,487	24.01%	0	0	0.0%	1,161,438	708,979	63.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	492	7,361	-93.32%	0	0	0.0%	31,828	28,288	12.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	3,893	5,875	-33.74%	0	0	0.0%	69,320	49,978	38.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,934	9,161	8.44%	0	0	0.0%	99,138	83,820	18.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	13,112	10,011	30.98%	0	0	0.0%	96,479	80,295	20.2%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>FX Options</b>												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,027	364	2,379.95%	0	0	0.0%	37,049	25,368	46.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,226	2,647	97.43%	0	0	0.0%	30,843	22,656	36.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,494	3,921	65.62%	0	0	0.0%	30,447	30,963	-1.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,381	1,507	257.07%	0	0	0.0%	28,449	26,870	5.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	8,037	2,983	169.43%	0	0	0.0%	39,294	25,858	52.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	2,338	-100.00%	0	0	0.0%	11,330	7,879	43.8%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	1,320	3,861	-65.81%	0	0	0.0%	6,512	11,742	-44.5%
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	0	0.00%	0	0	0.0%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	300	-100.00%	0	0	0.0%	0	631	-100.0%
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%	1	29	-96.55%	0	0	0.0%	670	1,358	-50.7%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	12	-100.0%
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	0	0.00%	0	0	0.0%	0	68	-100.0%
<b>Ags Futures</b>												
FERTILIZER PRODUCTS	0	0	0.0%	0	50	-100.00%	0	0	0.0%	7	54	-87.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	-	-	0	-	-	0	-	-	24	-	-
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	172	49	251.02%	0	0	0.0%	3,246	4,360	-25.6%

### Ag Products Futures

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Futures</b>												
BLOCK CHEESE	0	0	0.0%	208	185	12.43%	0	0	0.0%	2,283	5,729	-60.2%
BUTTER CS	0	0	0.0%	2,369	3,224	-26.52%	0	0	0.0%	36,440	34,974	4.2%
CASH-SETTLED CHEESE	0	0	0.0%	8,345	10,231	-18.43%	0	0	0.0%	84,679	103,197	-17.9%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,326,823	1,363,846	-2.71%	0	0	0.0%	10,970,008	10,795,777	1.6%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
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%	1,825,910	1,630,357	11.99%	0	0	0.0%	20,041,697	23,451,410	-14.5%
CLASS IV MILK	0	0	0.0%	1,816	1,887	-3.76%	0	0	0.0%	21,648	9,208	135.1%
COFFEE	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	2	-100.0%
CORN	0	0	0.0%	4,589,967	4,760,353	-3.58%	0	0	0.0%	59,066,169	66,844,817	-11.6%
COTTON	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	22	-100.0%
DOW-UBS COMMOD INDEX	0	0	0.0%	59,069	82,911	-28.76%	0	0	0.0%	410,445	483,021	-15.0%
DOW-UBS COMMOD INDEX SW	-	-	-	-	-	-	0	-	-	0	-	-
DRY WHEY	0	0	0.0%	789	1,147	-31.21%	0	0	0.0%	8,501	18,158	-53.2%
FEEDER CATTLE	0	0	0.0%	338,861	342,589	-1.09%	0	0	0.0%	2,517,264	2,341,625	7.5%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
GOLDMAN SACHS	0	0	0.0%	2,098	3,821	-45.09%	0	0	0.0%	25,974	80,816	-67.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	39	50	-22.00%	0	0	0.0%	91	151	-39.7%
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%	1,048,653	1,098,116	-4.50%	0	0	0.0%	8,738,953	8,930,968	-2.1%
HOUSING INDEX	0	0	0.0%	7	26	-73.08%	0	0	0.0%	141	122	15.6%
Intercommodity Spread	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
KC WHEAT	0	0	0.0%	609,930	672,673	-9.33%	0	0	0.0%	8,069,510	9,625,467	-16.2%
LUMBER	0	0	0.0%	10,145	6,134	65.39%	0	0	0.0%	76,629	89,760	-14.6%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	25,451	22,038	15.49%	0	0	0.0%	257,671	211,404	21.9%
MINI CORN	0	0	0.0%	44,046	33,199	32.67%	0	0	0.0%	516,783	589,626	-12.4%
MINI SOYBEAN	0	0	0.0%	54,033	36,953	46.22%	0	0	0.0%	546,865	530,344	3.1%
MINI WHEAT	0	0	0.0%	31,614	14,676	115.41%	0	0	0.0%	249,011	188,706	32.0%
MLK MID OPTIONS	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	3,420	4,290	-20.28%	0	0	0.0%	50,885	47,300	7.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>Ag Products Futures</b>												
OATS	0	0	0.0%	7,298	10,348	-29.47%	0	0	0.0%	75,222	93,257	-19.3%
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%	1,206	1,407	-14.29%	0	0	0.0%	19,765	23,195	-14.8%
ROUGH RICE	0	0	0.0%	10,606	10,899	-2.69%	0	0	0.0%	159,743	138,250	15.5%
SOYBEAN	0	0	0.0%	3,933,024	2,919,733	34.70%	0	0	0.0%	36,141,245	37,714,142	-4.2%
SOYBEAN MEAL	0	0	0.0%	2,356,434	1,803,878	30.63%	0	0	0.0%	19,697,172	18,179,756	8.3%
SOYBEAN OIL	0	0	0.0%	2,620,129	2,428,279	7.90%	0	0	0.0%	20,995,315	24,340,510	-13.7%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
SUGAR 11	-	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%	0	0	0.0%
WHEAT	0	0	0.0%	0	2,813	-100.00%	0	0	0.0%	6,012	28,791	-79.1%
<b>Ag Products Options</b>												
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	212	0	0.0%
BLOCK CHEESE	0	0	0.0%	20	540	-96.30%	0	0	0.0%	2,509	2,922	-14.1%
BUTTER CS	0	0	0.0%	1,190	1,137	4.66%	0	0	0.0%	12,093	16,760	-27.8%
CASH-SETTLED CHEESE	0	0	0.0%	3,709	1,489	149.09%	0	0	0.0%	56,561	57,727	-2.0%
CATTLE	0	0	0.0%	230,958	223,775	3.21%	0	0	0.0%	1,934,388	1,714,603	12.8%
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%	613,900	379,246	61.87%	0	0	0.0%	5,417,272	4,043,693	34.0%
CLASS IV MILK	0	0	0.0%	12,478	5,602	122.74%	0	0	0.0%	67,852	31,322	116.6%
CORN	0	0	0.0%	2,090,590	2,017,501	3.62%	0	0	0.0%	24,767,579	26,271,575	-5.7%
CORN NEARBY+2 CAL SPRD	0	0	0.0%	5,443	6,176	-11.87%	0	0	0.0%	200,439	114,776	74.6%
DEC-DEC CORN CAL SPRD	0	0	0.0%	0	30	-100.00%	0	0	0.0%	0	1,517	-100.0%
DEC-JULY CORN CAL SPRD	0	0	0.0%	1,725	4,400	-60.80%	0	0	0.0%	15,416	15,985	-3.6%
DEC-JULY WHEAT CAL SPRD	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
DRY WHEY	0	0	0.0%	0	92	-100.00%	0	0	0.0%	2,729	1,746	56.3%
FEEDER CATTLE	0	0	0.0%	37,296	22,673	64.50%	0	0	0.0%	322,700	193,216	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%	242,841	266,144	-8.76%	0	0	0.0%	2,067,587	1,885,556	9.7%
HOUSING INDEX	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	271	-100.0%

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<b>Ag Products Options</b>												
JAN-MAR SOYBEAN CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
JULY-DEC CORN CAL SPRD	0	0	0.0%	7,650	5,050	51.49%	0	0	0.0%	78,270	40,105	95.2%
JULY-DEC SOYMEAL CAL SPR	0	-	-	0	-	-	0	-	-	845	-	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	3,200	100	3,100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPR	0	0	0.0%	1,645	0	0.00%	0	0	0.0%	43,173	2,422	1,682.5%
KC WHEAT	0	0	0.0%	48,791	68,933	-29.22%	0	0	0.0%	650,370	557,418	16.7%
LUMBER	0	0	0.0%	203	520	-60.96%	0	0	0.0%	3,730	6,700	-44.3%
LV CATL CSO	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	2,440	400	510.00%	0	0	0.0%	25,490	400	6,272.5%
MAR-JULY SOYBEAN CAL SPR	0	0	0.0%	100	0	0.00%	0	0	0.0%	600	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0.00%	0	0	0.0%	150	0	0.0%
MILK	0	0	0.0%	28,834	23,693	21.70%	0	0	0.0%	205,953	221,457	-7.0%
MLK MID OPTIONS	0	0	0.0%	0	4	-100.00%	0	0	0.0%	45	15	200.0%
NFD MILK	0	0	0.0%	2,411	2,255	6.92%	0	0	0.0%	31,001	31,413	-1.3%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	25	0	0.00%	0	0	0.0%	5,160	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0	0.00%	0	0	0.0%	0	150	-100.0%
NOV-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0.00%	-	0	0.0%	-	0	0.0%
OATS	0	0	0.0%	36	483	-92.55%	0	0	0.0%	1,812	2,607	-30.5%
PORK CUTOUT	0	0	0.0%	0	10	-100.00%	0	0	0.0%	35	749	-95.3%
ROUGH RICE	0	0	0.0%	1,535	899	70.75%	0	0	0.0%	14,633	6,057	141.6%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	830	-	-
SOYBEAN	0	0	0.0%	1,072,372	1,044,513	2.67%	0	0	0.0%	14,105,689	14,473,627	-2.5%
SOYBEAN CRUSH	0	0	0.0%	4	119	-96.64%	0	0	0.0%	165	1,190	-86.1%
SOYBEAN MEAL	0	0	0.0%	183,463	167,901	9.27%	0	0	0.0%	2,083,417	1,972,681	5.6%
SOYBEAN OIL	0	0	0.0%	184,884	198,860	-7.03%	0	0	0.0%	2,127,123	2,626,870	-19.0%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	4,265	550	675.45%	0	0	0.0%	32,048	20,054	59.8%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0.00%	0	0	0.0%	1,250	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	-	-	1,100	-	-	0	-	-	1,100	-	-
WHEAT	0	0	0.0%	277	409	-32.27%	0	0	0.0%	1,134	6,476	-82.5%
WHEAT-CORN ICSCO	0	0	0.0%	2	0	0.00%	0	0	0.0%	2,352	831	183.0%
WHEAT NEARBY+2 CAL SPRD	0	0	0.0%	410	1,492	-72.52%	0	0	0.0%	31,697	5,467	479.8%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2022	Open Outcry SEP 2021	% CHG	ELEC SEP 2022	ELEC SEP 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	1,217,993	467,695	160.4%	175,180,976	121,124,237	44.6%	7,626,163	3,809,391	100.2%	1,611,515,198	1,285,584,834	25.4%
Equity Index Futures	0	0	0.0%	164,860,763	112,611,857	46.4%	0	0	0.0%	1,217,399,201	874,285,114	39.2%
Metals Futures	0	0	0.0%	9,488,234	8,076,205	17.5%	0	0	0.0%	85,262,653	95,958,085	-11.1%
Energy Futures	0	0	0.0%	32,126,636	39,933,491	-19.5%	0	0	0.0%	329,613,459	342,277,235	-3.7%
FX Futures	0	0	0.0%	29,245,455	19,283,810	51.7%	0	0	0.0%	174,519,714	142,090,063	22.8%
Ags Futures	0	0	0.0%	0	50	-100.0%	0	0	0.0%	7	54	-87.0%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	18,912,290	17,266,063	9.5%	0	0	0.0%	188,786,121	204,900,505	-7.9%
<b>TOTAL FUTURES</b>	<b>1,217,993</b>	<b>467,695</b>	<b>160.4%</b>	<b>429,814,354</b>	<b>318,295,713</b>	<b>35.0%</b>	<b>7,626,163</b>	<b>3,809,391</b>	<b>100.2%</b>	<b>3,607,096,377</b>	<b>2,945,095,890</b>	<b>22.5%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	0	0	0.0%	29,089,603	18,725,088	55.4%	0	0	0.0%	208,884,497	124,077,590	68.3%
Interest Rate Options	19,061,331	11,360,216	67.8%	32,774,398	23,372,490	40.2%	146,252,151	116,560,194	25.5%	256,828,293	229,974,519	11.7%
Metals Options	0	0	0.0%	1,209,267	835,256	44.8%	0	0	0.0%	10,112,590	8,369,502	20.8%
Energy Options	0	0	0.0%	2,457,846	3,690,294	-33.4%	0	0	0.0%	27,759,911	29,256,247	-5.1%
FX Options	0	0	0.0%	958,507	797,168	20.2%	0	0	0.0%	7,046,403	6,233,539	13.0%
Ag Products Options	0	0	0.0%	4,780,597	4,444,896	7.6%	0	0	0.0%	54,318,611	54,328,458	0.0%
Foreign Exchange Options	0	0	0.0%	172	49	251.0%	0	0	0.0%	3,246	4,360	-25.6%
<b>TOTAL OPTIONS</b>	<b>19,061,331</b>	<b>11,360,216</b>	<b>67.8%</b>	<b>71,270,390</b>	<b>51,865,241</b>	<b>37.4%</b>	<b>146,252,151</b>	<b>116,560,194</b>	<b>25.5%</b>	<b>564,953,551</b>	<b>452,244,215</b>	<b>24.9%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	20,279,324	11,827,911	71.5%	207,955,374	144,496,727	43.9%	153,878,314	120,369,585	27.8%	1,868,343,491	1,515,559,353	23.3%
Equity Index	0	0	0.0%	193,950,366	131,336,945	47.7%	0	0	0.0%	1,426,283,698	998,362,704	42.9%
Metals	0	0	0.0%	10,697,501	8,911,461	20.0%	0	0	0.0%	95,375,243	104,327,587	-8.6%
Energy	0	0	0.0%	34,584,482	43,623,785	-20.7%	0	0	0.0%	357,373,370	371,533,482	-3.8%
FX	0	0	0.0%	30,203,962	20,080,978	50.4%	0	0	0.0%	181,566,117	148,323,602	22.4%
Ags	0	0	0.0%	0	50	-100.0%	0	0	0.0%	7	54	-87.0%
Foreign Exchange	0	0	0.0%	172	49	251.0%	0	0	0.0%	3,270	4,360	-25.0%
Ag Products	0	0	0.0%	23,692,887	21,710,959	9.1%	0	0	0.0%	243,104,732	259,228,963	-6.2%
<b>GRAND TOTAL</b>	<b>20,279,324</b>	<b>11,827,911</b>	<b>71.5%</b>	<b>501,084,744</b>	<b>370,160,954</b>	<b>35.4%</b>	<b>153,878,314</b>	<b>120,369,585</b>	<b>27.8%</b>	<b>4,172,049,928</b>	<b>3,397,340,105</b>	<b>22.8%</b>

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