



## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Interest Rate Futures</b>					
10-YR NOTE	3,886,686	3,560,795	9.2%	3,893,704	-0.2%
10-YR SWAP RATE	142,571	211,582	-32.6%	186,141	-23.4%
15-YR SWAP RATE	1,500	10,850	-86.2%	1,500	0.0%
1-MONTH EURODOLLAR	0	0	-	670	-100.0%
20-YR SWAP RATE	0	90	-100.0%	0	-
2-YR NOTE	2,267,652	2,230,710	1.7%	1,960,430	15.7%
2-YR SWAP RATE	141,162	36,408	287.7%	129,443	9.1%
30-YR BOND	1,195,838	1,185,136	0.9%	1,199,037	-0.3%
30-YR SWAP RATE	2,909	3,847	-24.4%	7,213	-59.7%
3-YR NOTE	22,892	10,746	113.0%	24,675	-7.2%
3-YR SWAP RATE	68,312	19,983	241.9%	68,124	0.3%
4-YR SWAP RATE	16,479	6,643	148.1%	11,436	44.1%
5-YR NOTE	4,021,457	3,551,043	13.2%	3,762,255	6.9%
5-YR SWAP RATE	88,533	80,879	9.5%	112,549	-21.3%
7-YR SWAP RATE	22,120	20,392	8.5%	21,355	3.6%
EURODOLLARS	11,147,964	10,697,917	4.2%	11,253,242	-0.9%
FED FUND	1,850,734	1,200,705	54.1%	1,375,475	34.6%
SOFR	3,037,570	723,251	320.0%	1,848,115	64.4%
SONIA	10,172	22,710	-55.2%	10,168	0.0%
TIIE	114	0	-	75	52.0%
Ultra 10-Year Note	1,373,520	1,141,418	20.3%	1,368,765	0.3%
ULTRA T-BOND	1,285,331	1,092,645	17.6%	1,244,576	3.3%
<b>Interest Rate Options</b>					
10-YR NOTE	3,072,115	3,109,135	-1.2%	2,103,306	46.1%
2-YR NOTE	29,391	10,224	187.5%	39,781	-26.1%
30-YR BOND	484,847	585,579	-17.2%	427,757	13.3%
5-YR NOTE	1,248,696	661,831	88.7%	936,425	33.3%
EURODOLLARS	22,706,552	18,647,287	21.8%	18,616,814	22.0%
EURO MIDCURVE	11,376,596	11,070,124	2.8%	10,900,377	4.4%
FED FUND	21	50	-58.0%	0	-
SOFR	153,732	8,100	1,797.9%	2,622	5,763.2%
SOFR MIDCURVE	50,547	0	-	1	5,054,600.0%
Ultra 10-Year Note	438	0	-	0	-
ULTRA T-BOND	1,202	75	1,502.7%	535	124.7%

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<b>Equity Index Futures</b>					
BITCOIN FUTURES	11,619	10,731	8.3%	12,050	-3.6%
DJ US REAL ESTATE	42,295	25,982	62.8%	46,534	-9.1%
E-mini (\$5) Dow	87,921	96,713	-9.1%	98,932	-11.1%
E-MINI COM SERVICES SELECT	1,530	2,391	-36.0%	2,005	-23.7%
E-mini FTSE China 50	4	0	-	20	-80.0%
E-MINI MIDCAP	46,063	52,056	-11.5%	37,703	22.2%
E-MINI NASDAQ 100	244,288	224,122	9.0%	208,988	16.9%
E-MINI RUSSELL 1000	16,388	8,940	83.3%	16,107	1.7%
E-MINI RUSSELL 1000 GROWTH	4,129	3,680	12.2%	3,830	7.8%
E-MINI RUSSELL 1000 VALUE	27,210	15,607	74.3%	22,596	20.4%
E-MINI RUSSELL 2000	490,750	563,608	-12.9%	466,935	5.1%
E-MINI S&P500	2,330,363	2,670,768	-12.7%	2,301,346	1.3%
E-MINI S&P500 ESG	11,973	6,811	75.8%	12,410	-3.5%
E-MINI S&P REAL ESTATE SELE	9,012	4,527	99.1%	7,627	18.2%
ETHER FUTURES	4,218	0	-	4,206	0.3%
FT-SE 100	375	0	-	365	2.7%
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	18	99	-81.8%	16	12.5%
MICRO BITCOIN FUTURES	33,561	0	-	41,753	-19.6%
MICRO E-MINI NASDAQ 100	140,565	65,081	116.0%	57,375	145.0%
MICRO E-MINI RUSSELL 2000	31,560	26,302	20.0%	18,808	67.8%
MICRO E-MINI S&P500	165,455	91,943	80.0%	95,952	72.4%
MICRO ETHER FUTURES	92,070	0	-	22,314	312.6%
MICRO MINI \$5 DOW	29,171	20,150	44.8%	14,962	95.0%
NASDAQ-100 VOLATILITY	70	0	-	0	-
NASDAQ BIOTECH	60	218	-72.5%	31	93.5%
Nearby BTIC+	50	0	-	350	-85.7%
NIKKEI 225 (\$) STOCK	15,401	16,601	-7.2%	15,419	-0.1%
NIKKEI 225 (YEN) STOCK	52,754	50,693	4.1%	41,674	26.6%
S&P 500	255,242	164,880	54.8%	226,423	12.7%
S&P 500 ANNUAL DIVIDEND IND	203,418	168,330	20.8%	187,571	8.4%
S&P 500/GI	0	0	-	0	-
S&P 500 QUARLY DIVIDEND IND	13,482	3,816	253.3%	11,587	16.4%
S&P 600 SMALLCAP EMINI	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	4,845	5,499	-11.9%	3,988	21.5%
S&P CONSUMER STAPLES SECT	19,846	12,332	60.9%	11,930	66.4%
S&P ENERGY SECTOR	34,222	17,914	91.0%	26,871	27.4%
S&P FINANCIAL SECTOR	27,794	41,563	-33.1%	25,984	7.0%
S&P HEALTH CARE SECTOR	20,692	11,669	77.3%	19,813	4.4%
S&P INDUSTRIAL SECTOR	19,024	19,419	-2.0%	7,668	148.1%
S&P MATERIALS SECTOR	15,353	8,980	71.0%	9,169	67.4%
S&P TECHNOLOGY SECTOR	12,137	8,940	35.8%	12,665	-4.2%
S&P UTILITIES SECTOR	15,228	13,353	14.0%	13,849	10.0%
S&P VALUE INDEX FUTURES	0	380	-100.0%	0	-
WATER INDEX FUTURES	66	16	312.5%	8	725.0%
YEN DENOMINATED TOPIX	170	68	150.0%	61	178.7%

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<b>Equity Index Options</b>					
BITCOIN OPTIONS	1,430	2,344	-39.0%	1,967	-27.3%
E-mini (\$5) Dow	1,253	1,120	11.9%	893	40.3%
E-MINI NASDAQ 100	170,709	120,264	41.9%	108,637	57.1%
E-MINI RUSSELL 2000	29,343	19,576	49.9%	15,149	93.7%
E-MINI S&P500	2,111,568	1,611,230	31.1%	1,553,218	35.9%
EOM E-MINI RUSSELL 2000 END	7,543	3,027	149.2%	3,567	111.5%
EOM EMINI S&P	408,589	294,003	39.0%	361,292	13.1%
EOM S&P 500	21,400	6,280	240.8%	19,000	12.6%
EOW1 E-MINI RUSSELL 2000 WE	5,666	4,685	20.9%	3,299	71.7%
EOW1 EMINI S&P 500	393,851	214,494	83.6%	377,636	4.3%
EOW1 S&P 500	0	9,724	-100.0%	0	-
EOW2 E-MINI RUSSELL 2000 WE	2,187	1,015	115.5%	1,218	79.6%
EOW2 EMINI S&P 500	189,251	113,563	66.6%	155,717	21.5%
EOW2 S&P 500	0	3,400	-100.0%	0	-
EOW3 E-MINI RUSSELL 2000 WE	16,800	9,578	75.4%	23,835	-29.5%
EOW3 EMINI S&P 500	1,066,243	574,844	85.5%	1,117,253	-4.6%
EOW3 S&P 500	0	15,800	-100.0%	0	-
EOW4 E-MINI RUSSELL 2000 WE	2	0	-	202	-99.0%
EOW4 EMINI S&P 500	53,288	0	-	42,339	25.9%
MICRO E-MINI NASDAQ	2,971	562	428.6%	1,351	119.9%
MICRO E-MINI NASDAQ 100	4,776	0	-	1,310	264.6%
MICRO E-MINI NASDAQ END OF	754	171	340.9%	733	2.9%
MICRO E-MINI NASDAQ WEEKLY	4,137	888	365.9%	4,166	-0.7%
MICRO E-MINI S&P 500	27,983	7,007	299.4%	17,668	58.4%
MICRO E-MINI S&P 500 END OF	12,300	1,799	583.7%	6,882	78.7%
MICRO E-MINI S&P 500 WEEKLY	23,264	10,804	115.3%	25,041	-7.1%
S&P 500	0	35,575	-100.0%	0	-

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<b>Metals Futures</b>					
ALUMINUM	56,387	54,311	3.8%	56,986	-1.1%
COBALT METAL FUTURES	1,594	155	928.4%	1,454	9.6%
COMEX COPPER	198,851	258,220	-23.0%	181,604	9.5%
COMEX E-Mini GOLD	1,588	2,066	-23.1%	1,558	1.9%
COMEX E-Mini SILVER	493	873	-43.5%	655	-24.7%
COMEX GOLD	522,502	520,668	0.4%	512,591	1.9%
COMEX MINY COPPER	414	218	89.9%	362	14.4%
COMEX SILVER	150,633	179,138	-15.9%	140,153	7.5%
COPPER	16,187	18,501	-12.5%	16,214	-0.2%
FERROUS PRODUCTS	6,498	5,829	11.5%	3,968	63.8%
GOLD	942	325	189.8%	1,057	-10.9%
HOT ROLLED COIL STEEL FUTU	1,651	1,356	21.8%	2,035	-18.9%
IRON ORE 62 CHINA TSI FUTURE	0	0	-	0	-
IRON ORE CHINA	2,718	2,325	16.9%	2,396	13.4%
METALS	103	172	-40.1%	103	0.0%
MICRO GOLD	22,722	27,879	-18.5%	19,798	14.8%
NYMEX HOT ROLLED STEEL	38,213	23,093	65.5%	37,983	0.6%
NYMEX PLATINUM	52,932	63,661	-16.9%	58,559	-9.6%
PALLADIUM	7,875	9,782	-19.5%	9,224	-14.6%
SILVER	6,392	6,264	2.0%	6,102	4.8%
URANIUM	800	300	166.7%	800	0.0%
<b>Metals Options</b>					
ALUMINUM	1,050	0	-	1,250	-16.0%
COMEX COPPER	37,902	24,417	55.2%	27,033	40.2%
COMEX GOLD	651,857	920,568	-29.2%	688,162	-5.3%
COMEX SILVER	96,208	114,867	-16.2%	85,185	12.9%
COPPER	57	0	-	0	0.0%
GOLD	19,751	16,079	22.8%	13,202	49.6%
HOT ROLLED COIL STEEL CALL	0	0	-	0	-
HOT ROLLED COIL STEEL PUT O	0	0	-	0	-
IRON ORE 62 CHINA TSI CALL O	0	0	-	0	-
IRON ORE 62 CHINA TSI PUT OP	0	0	-	0	-
IRON ORE CHINA	150	1,320	-88.6%	508	-70.5%
NYMEX HOT ROLLED STEEL	2,830	1,450	95.2%	2,415	17.2%
NYMEX PLATINUM	16,703	2,038	719.6%	7,721	116.3%
PALLADIUM	331	945	-65.0%	325	1.8%
SILVER	3,073	1,904	61.4%	1,954	57.3%
<b>Energy Futures</b>					
3.5% FUEL OIL CID MED SWA	0	0	-	0	-
AEP-DAYTON HUB DAILY	10	10	0.0%	15	-33.3%
ARGUS LLS VS. WTI (ARG) T	9,625	10,300	-6.6%	10,528	-8.6%
ARGUS PROPAN FAR EST INDE	5,189	5,281	-1.7%	5,080	2.1%
ARGUS PROPAN(SAUDI ARAMC	1,943	2,102	-7.6%	1,598	21.6%
AUSTRIALIAN COKE COAL	0	0	-	0	-
BRENT BALMO SWAP	697	0	-	0	-

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<b>Energy Futures</b>					
BRENT CALENDAR SWAP	27,331	8,807	210.3%	31,145	-12.2%
BRENT FINANCIAL FUTURES	0	114	-100.0%	0	-
BRENT OIL LAST DAY	223,052	182,350	22.3%	219,175	1.8%
CAR VINTAGE	13,839	0	-	9,432	46.7%
CHICAGO ETHANOL SWAP	32,765	40,568	-19.2%	34,272	-4.4%
CHICAGO ULSD PL VS HO SPR	685	1,269	-46.0%	389	76.1%
CHICAGO UNL GAS PL VS RBO	75	1,375	-94.5%	75	0.0%
CIG BASIS	0	0	-	0	-
CIN HUB 5MW D AH PK	0	0	-	0	-
CIN HUB 5MW REAL TIME O P	0	0	-	0	-
CIN HUB 5MW REAL TIME PK	0	0	-	0	-
COLUMB GULF MAINLINE NG B	0	0	-	0	-
CONWAY NATURAL GASOLINE (	2,090	767	172.5%	2,194	-4.7%
CONWAY NORMAL BUTANE (OPI	1,214	1,227	-1.1%	1,484	-18.2%
CONWAY PROPANE 5 DECIMALS	21,701	19,562	10.9%	22,680	-4.3%
CRUDE OIL	8	1,150	-99.3%	8	0.0%
CRUDE OIL LAST DAY	0	0	-	0	-
CRUDE OIL OUTRIGHTS	137,778	155,086	-11.2%	122,133	12.8%
CRUDE OIL PHY	2,108,169	2,349,408	-10.3%	1,875,186	12.4%
CRUDE OIL SPRDS	110,254	109,660	0.5%	99,508	10.8%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	4,800	21,144	-77.3%	6,328	-24.1%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	1,500	0	-	300	400.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRANSMISSION INC	0	126	-100.0%	0	-
DUBAI CRUDE OIL BALMO	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	1,000	0	-	0	-
DUTCH TTF NATURAL GAS CAL	9,393	23,396	-59.9%	9,768	-3.8%
EAST/WEST FUEL OIL SPREAD	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	1,591	4,480	-64.5%	2,054	-22.5%
ELEC FINSETTLED	0	0	-	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
ETHANOL	10	99	-89.9%	0	-
ETHANOL SWAP	790	895	-11.7%	685	15.3%
ETHANOL T2 FOB ROTT INCL DU	7,306	8,833	-17.3%	7,757	-5.8%
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-
EURO 3.5% FUEL OIL SPREAD	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	1,268	0	-	1,503	-15.6%
EUROPE 1% FUEL OIL NWE CA	60	0	-	60	0.0%
EUROPE 1% FUEL OIL RDAM C	0	0	-	0	-
EUROPE 3.5% FUEL OIL MED	0	0	-	0	-
EUROPE 3.5% FUEL OIL RDAM	270	184	46.7%	246	9.8%
EUROPEAN GASOIL (ICE)	2,637	92	2,766.3%	2,084	26.5%
EUROPEAN NAPHTHA BALMO	41	8	412.5%	22	86.4%
EUROPEAN NAPHTHA CRACK SP	9,087	2,371	283.3%	6,638	36.9%
EUROPE DATED BRENT SWAP	11	27	-59.3%	11	0.0%
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	1,327	689	92.6%	1,444	-8.1%
EURO PROPANE CIF ARA SWA	2,790	2,609	6.9%	2,902	-3.9%

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<b>Energy Futures</b>					
FREIGHT MARKETS	923	1,867	-50.6%	652	41.6%
FUEL OIL CRACK VS ICE	1,447	1,362	6.2%	1,371	5.5%
FUEL OIL NWE CRACK VS ICE	108	0	-	72	50.0%
FUEL OIL (PLATS) CAR CM	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	0	108	-100.0%	9	-100.0%
GAS EURO-BOB OXY NWE BARG	1,107	1,830	-39.5%	1,476	-25.0%
GAS EURO-BOB OXY NWE BARG	13,417	12,523	7.1%	14,878	-9.8%
GASOIL 0.1CIF MED VS ICE	60	0	-	60	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	12	-100.0%	3	-100.0%
GASOIL 0.1 ROTTERDAM BARG	91	37	145.9%	106	-14.2%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	630	108	483.3%	635	-0.8%
GASOIL CRACK SPREAD CALEN	4,938	1,467	236.6%	5,671	-12.9%
GASOIL MINI CALENDAR SWAP	898	921	-2.5%	1,125	-20.2%
GERMAN POWER BASELOAD CA	216	987	-78.1%	248	-12.9%
GROUP THREE UNLEAD GAS (P	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	5,610	5,501	2.0%	5,620	-0.2%
GRP THREE UNL GS (PLT) VS	4,690	6,060	-22.6%	4,411	6.3%
GULF COAST 3% FUEL OIL BA	0	0	-	0	-
GULF COAST JET FUEL CLNDR	0	1,500	-100.0%	0	-
GULF COAST JET VS NYM 2 H	19,480	29,557	-34.1%	19,109	1.9%
GULF COAST NO.6 FUEL OIL	9,908	7,002	41.5%	13,599	-27.1%
GULF COAST ULSD CALENDAR	1,487	5,351	-72.2%	1,966	-24.4%
GULF COAST ULSD CRACK SPR	0	120	-100.0%	10	-100.0%
HEATING OIL BALMO CLNDR S	1,053	0	-	95	1,008.4%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	343,027	393,914	-12.9%	303,334	13.1%
HENRY HUB BASIS SWAP	0	0	-	0	-
HENRY HUB FINANCIAL LAST	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	0	0	-	0	-
HENRY HUB SWAP	582,343	638,530	-8.8%	589,479	-1.2%
HOUSTON SHIP CHANNEL BASI	0	1,670	-100.0%	0	-
HTG OIL	96	90	6.7%	107	-10.3%
ICE BRENT DUBAI SWAP	2,298	5,025	-54.3%	2,175	5.7%
ICE GASOIL BALMO SWAP	0	0	-	0	-
INDIANA MISO	0	0	-	0	-
INDONESIAN COAL ICI4	0	205	-100.0%	20	-100.0%
JAPAN C&F NAPHTHA CRACK S	6	0	-	6	0.0%
JAPAN C&F NAPHTHA SWAP	206	122	68.9%	207	-0.5%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-
JET CIF NWE VS ICE	891	18	4,850.0%	640	39.2%
JET FUEL UP-DOWN BALMO CL	2,145	1,002	114.1%	3,535	-39.3%
JKM LNG Futures	1,938	5,405	-64.1%	2,093	-7.4%
LA CARB DIESEL (OPIS) SWA	1,081	268	303.4%	450	140.2%
LA CARBOB GASOLINE(OPIS)S	0	0	-	0	-
LA JET (OPIS) SWAP	1,610	1,398	15.2%	1,260	27.8%
LLS (ARGUS) CALENDAR SWAP	0	81	-100.0%	0	-
LLS (ARGUS) VS WTI SWAP	3,078	3,167	-2.8%	3,299	-6.7%
LOS ANGELES CARB GASOLINE	0	0	-	0	-
LTD NAT GAS	469,619	353,947	32.7%	477,243	-1.6%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Energy Futures</b>					
MARS (ARGUS) VS WTI SWAP	700	120	483.3%	210	233.3%
MARS (ARGUS) VS WTI TRD M	20,795	26,111	-20.4%	9,825	111.7%
MARS BLEND CRUDE OIL	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	15,535	15,533	0.0%	16,846	-7.8%
MCCLOSKEY RCH BAY COAL	1,242	979	26.9%	1,670	-25.6%
MGN1 SWAP FUT	0	20	-100.0%	0	-
MICHIGAN BASIS	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	25	20	25.0%	61	-59.0%
MINI RBOB V. EBOBARG NWE BF	0	50	-100.0%	0	-
MINI RBOB V. EBOB(ARGUS) NW	665	747	-11.0%	538	23.6%
MINY HTG OIL	0	0	0.0%	1	-100.0%
MINY NATURAL GAS	5,323	5,405	-1.5%	5,295	0.5%
MINY RBOB GAS	2	0	0.0%	1	100.0%
MINY WTI CRUDE OIL	4,300	3,162	36.0%	4,187	2.7%
MJC FUT	0	0	-	20	-100.0%
MNC FUT	2,218	713	211.1%	2,388	-7.1%
MONT BELVIEU ETHANE 5 DECI	49,032	58,118	-15.6%	48,042	2.1%
MONT BELVIEU ETHANE OPIS B	1,177	770	52.9%	2,785	-57.7%
MONT BELVIEU LDH PROPANE 5	128,639	137,503	-6.4%	128,709	-0.1%
MONT BELVIEU LDH PROPANE C	3,543	2,693	31.6%	2,275	55.7%
MONT BELVIEU NATURAL GASO	35,703	30,989	15.2%	31,531	13.2%
MONT BELVIEU NATURAL GASO	1,035	455	127.5%	610	69.7%
MONT BELVIEU NORMAL BUTAN	50,274	61,308	-18.0%	48,703	3.2%
MONT BELVIEU NORMAL BUTAN	1,824	1,430	27.6%	1,299	40.4%
NATURAL GAS	171,717	128,487	33.6%	163,761	4.9%
NATURAL GAS PEN SWP	195,600	266,082	-26.5%	195,105	0.3%
NATURAL GAS PHY	1,160,988	1,117,622	3.9%	1,108,463	4.7%
NEPOOL INTR HUB 5MW D AH	8,703	151,135	-94.2%	8,703	0.0%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-
NEW ENGLAND HUB PEAK DAIL	0	868	-100.0%	308	-100.0%
NEW YORK ETHANOL SWAP	1,725	120	1,337.5%	1,560	10.6%
NEW YORK HUB ZONE G PEAK	775	155	400.0%	635	22.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-
NGPL MID-CONTINENT	0	0	-	0	-
NGPL TEX/OK	0	0	-	0	-
N ILLINOIS HUB DAILY	0	20	-100.0%	30	-100.0%
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	0	0	-	0	-
NY1% VS GC SPREAD SWAP	0	535	-100.0%	30	-100.0%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	7,876	11,018	-28.5%	9,507	-17.2%
NY HARBOR LOW SULPUR GAS	600	1,090	-45.0%	685	-12.4%
NY HARBOR RESIDUAL FUEL 1	550	852	-35.4%	700	-21.4%
NYH NO 2 CRACK SPREAD CAL	9,869	3,948	150.0%	9,826	0.4%
NYISO CAPACITY	0	30	-100.0%	0	-
NYISO ZONE A 5MW D AH O P	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	0	56,915	-100.0%	0	-
NYISO ZONE G 5MW D AH PK	5,350	8,420	-36.5%	5,850	-8.5%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Energy Futures</b>					
NYISO ZONE J 5MW D AH PK	0	0	-	0	-
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	1,100	547	101.1%	759	44.9%
PANHANDLE BASIS SWAP FUTU	0	270	-100.0%	0	-
PERMIAN BASIS SWAP	0	0	-	0	-
PETROCHEMICALS	14,864	11,607	28.1%	15,137	-1.8%
PETRO CRCKS & SPRDS ASIA	0	225	-100.0%	50	-100.0%
PETRO CRCKS & SPRDS NA	35,784	36,896	-3.0%	33,103	8.1%
PETRO CRK&SPRD EURO	3,211	1,823	76.1%	2,907	10.5%
PETROLEUM PRODUCTS	6,772	899	653.3%	4,329	56.4%
PETROLEUM PRODUCTS ASIA	1,106	362	205.5%	1,111	-0.5%
PETRO OUTRIGHT EURO	22,187	17,607	26.0%	22,481	-1.3%
PETRO OUTRIGHT NA	5,547	2,042	171.6%	4,673	18.7%
PJM AD HUB 5MW REAL TIME	22,530	47,055	-52.1%	24,675	-8.7%
PJM DAILY	284	296	-4.1%	438	-35.2%
PJM DAYTON DA OFF-PEAK	0	0	-	0	-
PJM DAYTON DA PEAK	0	0	-	0	-
PJM MONTHLY	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	0	44,760	-100.0%	0	-
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	-
PJM PSEG DA OFF-PEAK	0	0	-	0	-
PJM PSEG DA PEAK	0	0	-	0	-
PJM WESTH DA OFF-PEAK	0	0	-	0	-
PJM WESTHDA PEAK	0	0	-	0	-
PJM WESTH RT OFF-PEAK	192,240	295,400	-34.9%	210,600	-8.7%
PJM WESTH RT PEAK	39,070	51,595	-24.3%	42,052	-7.1%
PLASTICS	3,700	3,776	-2.0%	3,671	0.8%
PREMIUM UNLD 10P FOB MED	180	0	-	180	0.0%
PROPANE NON-LDH MB (OPIS) B	1,509	1,341	12.5%	1,570	-3.9%
PROPANE NON-LDH MT. BEL (OF	49,471	69,911	-29.2%	46,357	6.7%
RBOB CALENDAR SWAP	12,937	7,787	66.1%	14,132	-8.5%
RBOB CRACK SPREAD	15,081	4,452	238.7%	13,086	15.2%
RBOB GAS	70	70	0.0%	77	-9.1%
RBOB GASOLINE BALMO CLNDR	2,374	292	713.0%	130	1,726.2%
RBOB PHY	361,972	405,345	-10.7%	294,317	23.0%
RBOB VS HEATING OIL SWAP	315	300	5.0%	120	162.5%
SAN JUAN BASIS SWAP	0	0	-	0	-
SINGAPORE 180CST BALMO	0	0	-	0	-
SINGAPORE 380CST BALMO	0	0	-	0	-
SINGAPORE 380CST FUEL OIL	492	290	69.7%	417	18.0%
SINGAPORE FUEL 180CST CAL	0	0	-	0	-
SINGAPORE FUEL OIL 180 CS	0	0	-	4	-100.0%
SINGAPORE FUEL OIL SPREAD	0	0	-	0	-
SINGAPORE GASOIL	1,279	593	115.7%	1,491	-14.2%
SINGAPORE GASOIL CALENDAR	600	1,856	-67.7%	717	-16.3%
SINGAPORE GASOIL SWAP	1,209	7,526	-83.9%	1,028	17.6%
SINGAPORE GASOIL VS ICE	5,419	600	803.2%	4,422	22.5%
SINGAPORE JET KERO BALMO	0	0	-	0	-
SINGAPORE JET KERO GASOIL	3,933	450	774.0%	2,649	48.5%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Energy Futures</b>					
SINGAPORE JET KEROSENE SW	685	1,045	-34.4%	940	-27.1%
SINGAPORE MOGAS 92 UNLEAD	0	0	-	0	-
SINGAPORE MOGAS 92 UNLEAD	1,742	1,200	45.2%	1,912	-8.9%
Sumas Basis Swap	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	249	0	-	195	27.7%
TC5 RAS TANURA TO YOKOHAM	300	0	-	315	-4.8%
TCO BASIS SWAP	0	0	-	0	-
TD3 MEG TO JAPAN 250K MT	5,241	5,376	-2.5%	3,528	48.6%
TEXAS EASTERN ZONE M-3 BA	0	413	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	0	260	-100.0%	0	-
ULSD UP-DOWN BALMO SWP	6,515	2,760	136.1%	8,840	-26.3%
UP DOWN GC ULSD VS NMX HO	46,916	45,823	2.4%	50,611	-7.3%
WAHA BASIS	0	0	-	0	-
WTI-BRENT BULLET SWAP	0	0	-	0	-
WTI-BRENT CALENDAR SWAP	98,188	72,091	36.2%	99,683	-1.5%
WTI CALENDAR	164,386	158,684	3.6%	154,913	6.1%
WTI MIDLAND CRUDE OIL	200	0	-	400	-50.0%
WTS (ARGUS) VS WTI SWAP	36,387	58,818	-38.1%	39,632	-8.2%
WTS (ARGUS) VS WTI TRD MT	8,350	10,220	-18.3%	6,670	25.2%

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## CME Group Exchange Open Interest Report - Monthly

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<b>Energy Options</b>					
BRENT CALENDAR SWAP	3,081	1,337	130.4%	1,166	164.2%
BRENT CRUDE OIL 1 M CSO	85,300	41,100	107.5%	105,300	-19.0%
BRENT OIL LAST DAY	121,902	168,698	-27.7%	113,793	7.1%
COAL API2 INDEX	180	320	-43.8%	140	28.6%
CRUDE OIL	0	50	-100.0%	0	-
CRUDE OIL 1MO	276,612	508,700	-45.6%	258,325	7.1%
CRUDE OIL APO	280,906	259,348	8.3%	269,401	4.3%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL PHY	2,273,273	1,586,791	43.3%	2,011,714	13.0%
ELEC FINSETTLED	43	43	0.0%	43	0.0%
ETHANOL SWAP	7,331	4,116	78.1%	10,417	-29.6%
HEATING OIL CRK SPD AVG PRI	3,050	3,330	-8.4%	3,450	-11.6%
HEATING OIL PHY	26,077	14,222	83.4%	28,577	-8.7%
HENRY HUB FINANCIAL LAST	30,778	49,062	-37.3%	29,180	5.5%
HO 1 MONTH CLNDR OPTIONS	200	0	-	200	0.0%
LLS CRUDE OIL	2,700	1,000	170.0%	1,650	63.6%
MCCLOSKEY ARA ARGS COAL	240	1,357	-82.3%	402	-40.3%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-
NATURAL GAS	0	0	-	0	-
NATURAL GAS 1 M CSO FIN	176,653	62,375	183.2%	153,807	14.9%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-
NATURAL GAS 3 M CSO FIN	17,250	11,100	55.4%	0	-
NATURAL GAS 5 M CSO FIN	8,081	2,000	304.1%	5,250	53.9%
NATURAL GAS 6 M CSO FIN	41,450	23,725	74.7%	39,200	5.7%
NATURAL GAS OPT	16,735	63,890	-73.8%	23,970	-30.2%
NATURAL GAS OPTION ON CALE	7,784	14,728	-47.1%	7,184	8.4%
NATURAL GAS PHY	2,397,359	2,405,508	-0.3%	2,243,228	6.9%
NATURAL GAS SUMMER STRIP	0	400	-100.0%	0	-
NATURAL GAS WINTER STRIP	0	0	-	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	7,503	5,179	44.9%	7,075	6.0%
PETROCHEMICALS	8,717	1,940	349.3%	9,231	-5.6%
PETRO OUTRIGHT EURO	0	0	-	0	-
PETRO OUTRIGHT NA	1,425	870	63.8%	1,250	14.0%
PJM WES HUB PEAK CAL MTH	180	850	-78.8%	180	0.0%
PJM WES HUB PEAK LMP 50MW	0	432	-100.0%	0	-
RBOB CALENDAR SWAP	117	1,387	-91.6%	164	-28.7%
RBOB PHY	7,986	10,485	-23.8%	7,223	10.6%
SAN JUAN PIPE SWAP	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	0	-	0	-
WTI-BRENT BULLET SWAP	192,925	190,695	1.2%	208,315	-7.4%
WTI CRUDE OIL 1 M CSO FI	30,950	192,125	-83.9%	36,300	-14.7%
<b>FX Futures</b>					
AD/CD CROSS RATES	20	3	566.7%	22	-9.1%
AD/JY CROSS RATES	438	257	70.4%	624	-29.8%
AD/NE CROSS RATES	105	79	32.9%	106	-0.9%

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## CME Group Exchange Open Interest Report - Monthly

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<b>FX Futures</b>					
AUSTRALIAN DOLLAR	197,810	140,556	40.7%	179,249	10.4%
BP/JY CROSS RATES	641	439	46.0%	1,029	-37.7%
BP/SF CROSS RATES	1,653	292	466.1%	2,376	-30.4%
BRAZIL REAL	70,953	40,396	75.6%	35,592	99.4%
BRITISH POUND	182,046	159,027	14.5%	202,002	-9.9%
CANADIAN DOLLAR	144,403	162,579	-11.2%	138,737	4.1%
CD/JY CROSS RATES	40	42	-4.8%	22	81.8%
CHINESE RENMINBI (CNH)	3,594	4,101	-12.4%	3,018	19.1%
CZECK KORUNA (EC)	3	2	50.0%	0	-
CZECK KORUNA (US)	1	0	-	2	-50.0%
EC/AD CROSS RATES	2,041	2,938	-30.5%	1,719	18.7%
EC/CD CROSS RATES	4,046	2,835	42.7%	4,125	-1.9%
EC/NOK CROSS RATES	682	307	122.1%	402	69.7%
EC/SEK CROSS RATES	667	611	9.2%	688	-3.1%
EFX/BP CROSS RATES	32,980	24,363	35.4%	33,033	-0.2%
EFX/JY CROSS RATES	25,154	17,321	45.2%	26,984	-6.8%
EFX/SF CROSS RATES	19,821	7,994	147.9%	23,787	-16.7%
E-MICRO USD/CAD	39	0	-	25	56.0%
E-MICRO USD/CHF	13	0	-	1	1,200.0%
E-MICRO USD/JPY	124	0	-	75	65.3%
E-MINI EURO FX	17,091	16,474	3.7%	17,155	-0.4%
E-MINI JAPANESE YEN	394	636	-38.1%	651	-39.5%
EURO FX	684,616	673,813	1.6%	686,562	-0.3%
HUNGARIAN FORINT (EC)	6	0	-	0	-
HUNGARIAN FORINT (US)	0	11	-100.0%	5	-100.0%
INDIAN RUPEE	1,689	2,204	-23.4%	1,813	-6.8%
JAPANESE YEN	197,221	197,595	-0.2%	211,534	-6.8%
KOREAN WON	523	1,097	-52.3%	574	-8.9%
MEXICAN PESO	141,092	150,462	-6.2%	113,635	24.2%
MICRO AUD/USD	6,543	10,656	-38.6%	4,204	55.6%
MICRO CAD/USD	3,651	2,194	66.4%	2,301	58.7%
MICRO CHF/USD	1,167	1,308	-10.8%	1,170	-0.3%
MICRO EUR/USD	34,431	16,021	114.9%	27,367	25.8%
MICRO GBP/USD	3,672	3,287	11.7%	3,285	11.8%
MICRO INR/USD	123	305	-59.7%	26	373.1%
MICRO JPY/USD	1,153	1,642	-29.8%	2,257	-48.9%
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	59,132	48,822	21.1%	40,495	46.0%
NKR/USD CROSS RATE	1,372	2,483	-44.7%	1,304	5.2%
POLISH ZLOTY (EC)	174	59	194.9%	167	4.2%
POLISH ZLOTY (US)	521	306	70.3%	573	-9.1%
RMB USD	1	0	-	0	-
RUSSIAN RUBLE	46,286	25,637	80.5%	47,216	-2.0%
S.AFRICAN RAND	18,403	12,413	48.3%	9,990	84.2%
SF/JY CROSS RATES	33	13	153.8%	27	22.2%
SHEKEL	2	5	-60.0%	2	0.0%
SKR/USD CROSS RATES	1,701	2,036	-16.5%	966	76.1%
SWISS FRANC	44,145	48,631	-9.2%	41,411	6.6%
TURKISH LIRA	42	28	50.0%	40	5.0%
USDZAR	5	0	-	0	-

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**CME Group Exchange Open Interest Report - Monthly**

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<b>FX Options</b>					
AUD/USD MONDAY OPTION WEE	677	261	159.4%	77	779.2%
AUD/USD MONDAY OPTION WEE	90	46	95.7%	2	4,400.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONDAY OPTION WEE	56	217	-74.2%	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	239,615	85,670	179.7%	168,619	42.1%
AUD/USD WKLY FRIDAY OPTION	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	797	1,443	-44.8%	1,096	-27.3%
AUD/USD WKLY FRIDAY OPTION	957	733	30.6%	319	200.0%
AUD/USD WKLY FRIDAY OPTION	1,163	739	57.4%	303	283.8%
AUD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
AUD/USD WKLY WED OPTIONS -	156	1,320	-88.2%	296	-47.3%
AUD/USD WKLY WED OPTIONS -	464	119	289.9%	2	23,100.0%
AUD/USD WKLY WED OPTIONS -	52	455	-88.6%	5	940.0%
AUD/USD WKLY WED OPTIONS -	148	0	-	47	214.9%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	391	15	2,506.7%	1	39,000.0%
CAD/USD MONDAY OPTIONS WE	6	848	-99.3%	802	-99.3%
CAD/USD MONDAY OPTIONS WE	436	0	-	8	5,350.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONDAY OPTIONS WE	255	0	-	1	25,400.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	3	-100.0%
CAD/USD MONTHLY OPTIONS	185,555	56,410	228.9%	181,904	2.0%
CAD/USD WKLY FRIDAY OPTION	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,439	1,964	-26.7%	414	247.6%
CAD/USD WKLY FRIDAY OPTION	1,033	1,373	-24.8%	308	235.4%
CAD/USD WKLY FRIDAY OPTION	745	618	20.6%	447	66.7%
CAD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
CAD/USD WKLY WED OPTIONS -	429	130	230.0%	1,374	-68.8%
CAD/USD WKLY WED OPTIONS -	689	100	589.0%	282	144.3%
CAD/USD WKLY WED OPTIONS -	242	55	340.0%	1,300	-81.4%
CAD/USD WKLY WED OPTIONS -	344	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	24,309	6,721	261.7%	28,745	-15.4%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	288	170	69.4%	256	12.5%
CHF/USD WKLY FRIDAY OPTION	1	50	-98.0%	50	-98.0%
CHF/USD WKLY FRIDAY OPTION	294	552	-46.7%	30	880.0%
CHF/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/GBP MONTHLY OPTIONS	4	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	437	153	185.6%	1,088	-59.8%
EUR/USD MONDAY OPTION WEE	1,626	117	1,289.7%	24	6,675.0%
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	304	1,252	-75.7%	229	32.8%
EUR/USD MONDAY OPTION WEE	0	0	-	51	-100.0%
EUR/USD MONTHLY OPTIONS	185,627	202,386	-8.3%	183,753	1.0%
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	7,999	2,968	169.5%	4,645	72.2%
EUR/USD WKLY FRIDAY OPTION	1,815	1,746	4.0%	1,133	60.2%

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**CME Group Exchange Open Interest Report - Monthly**

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>FX Options</b>					
EUR/USD WKLY FRIDAY OPTION	1,752	1,232	42.2%	1,255	39.6%
EUR/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
EUR/USD WKLY WED OPTIONS -	3,909	2,626	48.9%	1,765	121.5%
EUR/USD WKLY WED OPTIONS -	645	1,310	-50.8%	1,089	-40.8%
EUR/USD WKLY WED OPTIONS -	73	498	-85.3%	0	-
EUR/USD WKLY WED OPTIONS -	635	241	163.5%	0	-
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	165	0	-	1,099	-85.0%
GBP/USD MONDAY OPTION WEE	589	204	188.7%	12	4,808.3%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	32	66	-51.5%	3	966.7%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	96,264	87,258	10.3%	89,218	7.9%
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	1,545	1,110	39.2%	1,066	44.9%
GBP/USD WKLY FRIDAY OPTION	913	1,071	-14.8%	1,314	-30.5%
GBP/USD WKLY FRIDAY OPTION	1,150	382	201.0%	525	119.0%
GBP/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
GBP/USD WKLY WED OPTIONS -	1,425	558	155.4%	1,650	-13.6%
GBP/USD WKLY WED OPTIONS -	164	95	72.6%	101	62.4%
GBP/USD WKLY WED OPTIONS -	724	1	72,300.0%	338	114.2%
GBP/USD WKLY WED OPTIONS -	32	0	-	107	-70.1%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	152	150	1.3%	13	1,069.2%
JPY/USD MONDAY OPTION WEE	218	0	-	1,250	-82.6%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	5	0	-	2	150.0%
JPY/USD MONDAY OPTION WEE	0	0	-	1	-100.0%
JPY/USD MONTHLY OPTIONS	94,061	62,232	51.1%	87,404	7.6%
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	1,472	736	100.0%	2,730	-46.1%
JPY/USD WKLY FRIDAY OPTION	1,462	537	172.3%	637	129.5%
JPY/USD WKLY FRIDAY OPTION	1,129	417	170.7%	572	97.4%
JPY/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%
JPY/USD WKLY WED OPTIONS -	1,766	979	80.4%	2,156	-18.1%
JPY/USD WKLY WED OPTIONS -	556	24	2,216.7%	141	294.3%
JPY/USD WKLY WED OPTIONS -	2	0	-	326	-99.4%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	21,131	1,419	1,389.1%	20,421	3.5%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	29	95	-69.5%	34	-14.7%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	64	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Foreign Exchange Options</b>					
AUD/USD WKLY WED OPTIONS -	45	301	-85.0%	0	-
<b>Ags Futures</b>					
FERTILIZER PRODUCTS	4,655	4,645	0.2%	4,405	5.7%

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Ag Products Futures</b>					
BLOCK CHEESE	2,269	740	206.6%	2,793	-18.8%
BUTTER CS	11,058	10,103	9.5%	9,840	12.4%
CASH-SETTLED CHEESE	18,868	25,374	-25.6%	20,359	-7.3%
CAT ASIA WEATHER	0	200	-100.0%	0	-
CATTLE	331,289	327,993	1.0%	325,912	1.6%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	0	0	-	0	-
CDD WEATHER	0	0	-	0	-
CHI WHEAT	390,629	452,911	-13.8%	353,764	10.4%
CLASS IV MILK	14,687	2,618	461.0%	13,214	11.1%
COFFEE	0	0	-	0	-
CORN	1,556,572	1,959,084	-20.5%	1,512,771	2.9%
COTTON	0	0	-	0	-
DJ_UBS ROLL SELECT INDEX FU	8,772	2,396	266.1%	8,867	-1.1%
DOW-UBS COMMOD INDEX	48,303	38,961	24.0%	40,396	19.6%
DRY WHEY	3,056	4,043	-24.4%	3,358	-9.0%
FEEDER CATTLE	47,315	40,085	18.0%	41,337	14.5%
FERTILIZER PRODUCTS	0	145	-100.0%	0	-
GOLDMAN SACHS	1,496	5,896	-74.6%	1,385	8.0%
GSCI EXCESS RETURN FUT	57,872	49,257	17.5%	57,146	1.3%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	500	0	-	500	0.0%
HDD WEATHER	7,200	8,950	-19.6%	9,600	-25.0%
HDD WEATHER EUROPEAN	3,750	1,600	134.4%	5,500	-31.8%
HOGS	252,739	222,094	13.8%	217,236	16.3%
HOUSING INDEX	38	24	58.3%	30	26.7%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	217,765	224,473	-3.0%	221,613	-1.7%
LUMBER	2,412	2,687	-10.2%	2,344	2.9%
MALAYSIAN PALM SWAP	1,550	19,440	-92.0%	6,560	-76.4%
MILK	31,583	23,030	37.1%	31,145	1.4%
MINI CORN	13,347	12,201	9.4%	10,605	25.9%
MINI SOYBEAN	23,797	19,882	19.7%	13,801	72.4%
MINI WHEAT	4,039	5,533	-27.0%	3,809	6.0%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	10,301	7,015	46.8%	10,313	-0.1%
OATS	3,714	4,674	-20.5%	4,330	-14.2%
PACIFIC RIM DAT SS WTHR	1,000	0	-	1,000	0.0%
PORK CUTOUT	1,100	1,211	-9.2%	633	73.8%
ROUGH RICE	8,113	10,182	-20.3%	7,469	8.6%
SOYBEAN	772,627	926,141	-16.6%	631,627	22.3%
SOYBEAN MEAL	407,543	403,296	1.1%	384,529	6.0%
SOYBEAN OIL	428,406	477,188	-10.2%	372,571	15.0%
S&P GSCI ENHANCED ER SWAP	1,001	1,001	0.0%	1,001	0.0%
SUGAR 11	0	0	-	0	-
USD CRUDE PALM OIL	50,970	5,962	754.9%	45,021	13.2%
WHEAT	14,934	27,043	-44.8%	22,192	-32.7%

### Ag Products Options

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Ag Products Options</b>					
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
BLOCK CHEESE	644	769	-16.3%	666	-3.3%
BUTTER CS	9,714	7,884	23.2%	9,274	4.7%
CASH-SETTLED CHEESE	27,126	40,681	-33.3%	19,564	38.7%
CATTLE	186,186	187,369	-0.6%	166,336	11.9%
CDD SEASONAL STRIP	0	0	-	0	-
CDD WEATHER	0	0	-	0	-
CHI WHEAT	334,147	344,275	-2.9%	243,244	37.4%
CLASS IV MILK	31,111	9,210	237.8%	28,633	8.7%
CORN	1,235,334	1,756,115	-29.7%	1,045,629	18.1%
CORN NEARBY+2 CAL SPRD	55,317	8,526	548.8%	34,707	59.4%
DEC-DEC CORN CAL SPRD	0	0	-	0	-
DEC-JULY CORN CAL SPRD	0	0	-	0	-
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
DRY WHEY	320	1,589	-79.9%	647	-50.5%
FEEDER CATTLE	29,928	17,792	68.2%	27,946	7.1%
HDD EURO SEASONAL STRIP	2,000	7,000	-71.4%	2,000	0.0%
HDD SEASONAL STRIP	23,920	7,500	218.9%	23,920	0.0%
HDD WEATHER	1,800	3,150	-42.9%	0	-
HDD WEATHER EUROPEAN	0	1,250	-100.0%	5,000	-100.0%
HOGS	243,659	154,835	57.4%	187,476	30.0%
HOUSING INDEX	0	0	-	0	-
Intercommodity Spread	0	51	-100.0%	0	-
JAN-MAR SOYBEAN CSO	0	0	-	0	-
JULY-DEC CORN CAL SPRD	13,289	8,042	65.2%	10,643	24.9%
JULY-DEC SOY OIL CAL SPRD	0	29	-100.0%	0	-
JULY-DEC WHEAT CAL SPRD	0	500	-100.0%	0	-
JULY-JULY WHEAT CAL SPRD	0	30	-100.0%	0	-
JULY-NOV SOYBEAN CAL SPRD	8,071	753	971.8%	5,825	38.6%
KC WHEAT	91,404	59,007	54.9%	79,501	15.0%
LUMBER	567	800	-29.1%	337	68.2%
LV CATL CSO	0	0	-	0	-
MAR-DEC CORN CAL SPRD	0	10	-100.0%	0	-
MAR-JULY CORN CAL SPRD	7,974	500	1,494.8%	4,790	66.5%
MAR-JULY SOYBEAN CAL SPRD	0	20	-100.0%	0	-
MAR-JULY WHEAT CAL SPRD	1,050	430	144.2%	900	16.7%
MILK	99,448	74,877	32.8%	100,447	-1.0%
MLK MID OPTIONS	18	12	50.0%	17	5.9%
NFD MILK	12,620	13,710	-8.0%	11,651	8.3%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-
NOV-MAR SOYBEAN CSO	0	0	-	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-
OATS	630	276	128.3%	577	9.2%
PORK CUTOUT	0	260	-100.0%	0	-
ROUGH RICE	647	335	93.1%	810	-20.1%
SOYBEAN	576,816	1,062,254	-45.7%	411,054	40.3%
SOYBEAN CRUSH	262	1,562	-83.2%	241	8.7%
SOYBEAN MEAL	147,354	224,177	-34.3%	113,944	29.3%
SOYBEAN OIL	142,830	251,107	-43.1%	133,183	7.2%
SOYBN NEARBY+2 CAL SPRD	0	3,220	-100.0%	0	-

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## CME Group Exchange Open Interest Report - Monthly

	Open Interest JAN 2022	Open Interest JAN 2021	% CHG	Open Interest DEC 2021	% CHG
<b>Ag Products Options</b>					
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
WHEAT	0	421	-100.0%	328	-100.0%
WHEAT-CORN ICSD	0	65	-100.0%	20	-100.0%
WHEAT NEARBY+2 CAL SPRD	500	1,184	-57.8%	501	-0.2%
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	30,583,516	25,807,750	18.5%	28,478,948	7.4%
Equity Index Futures	4,530,392	4,434,182	2.2%	4,107,895	10.3%
Metals Futures	1,089,495	1,175,136	-7.3%	1,053,602	3.4%
Energy Futures	7,274,887	7,901,230	-7.9%	6,856,149	6.1%
FX Futures	1,952,463	1,782,280	9.5%	1,868,348	4.5%
Ags Futures	4,655	4,645	0.2%	4,405	5.7%
Ag Products Futures	4,750,615	5,323,433	-10.8%	4,394,571	8.1%
<b>TOTAL FUTURES</b>	<b>50,186,023</b>	<b>46,428,656</b>	<b>8.1%</b>	<b>46,763,918</b>	<b>7.3%</b>
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	39,124,137	34,092,405	14.8%	33,027,618	18.5%
Equity Index Options	4,555,308	3,061,753	48.8%	3,842,373	18.6%
Metals Options	829,912	1,083,588	-23.4%	827,755	0.3%
Energy Options	6,026,788	5,627,163	7.1%	5,576,135	8.1%
FX Options	890,443	531,936	67.4%	792,843	12.3%
Foreign Exchange Options	45	301	-85.0%	0	-
Ag Products Options	3,284,686	4,251,577	-22.7%	2,669,811	23.0%
<b>TOTAL OPTIONS</b>	<b>54,711,319</b>	<b>48,648,723</b>	<b>12.5%</b>	<b>46,736,535</b>	<b>17.1%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	69,707,653	59,900,155	16.4%	61,506,566	13.3%
Equity Index	9,085,700	7,495,935	21.2%	7,950,268	14.3%
Metals	1,919,407	2,258,724	-15.0%	1,881,357	2.0%
Energy	13,301,675	13,528,393	-1.7%	12,432,284	7.0%
FX	2,842,906	2,314,216	22.8%	2,661,191	6.8%
Foreign Exchange	45	301	-85.0%	0	-
Ags	4,655	4,645	0.2%	4,405	5.7%
Ag Products	8,035,301	9,575,010	-16.1%	7,064,382	13.7%
<b>GRAND TOTAL</b>	<b>104,897,342</b>	<b>95,077,379</b>	<b>10.3%</b>	<b>93,500,453</b>	<b>12.2%</b>

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