



CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2021	Open Interest APR 2020	% CHG	Open Interest MAR 2021	% CHG
Interest Rate Futures					
10-YR NOTE	4,199,070	3,317,284	26.6%	3,892,960	7.9%
10-YR SWAP RATE	253,481	137,239	84.7%	211,297	20.0%
15-YR SWAP RATE	10,850	10,850	0.0%	10,850	0.0%
1-MONTH EURODOLLAR	0	149	-100.0%	0	-
20-YR SWAP RATE	90	90	0.0%	90	0.0%
2-YR NOTE	2,310,010	2,428,844	-4.9%	2,352,959	-1.8%
2-YR SWAP RATE	51,365	45,719	12.3%	48,389	6.2%
30-YR BOND	1,186,426	980,822	21.0%	1,185,169	0.1%
30-YR SWAP RATE	3,413	3,704	-7.9%	3,413	0.0%
3-YR NOTE	14,818	0	-	14,642	1.2%
3-YR SWAP RATE	26,500	13,740	92.9%	25,097	5.6%
4-YR SWAP RATE	9,589	6,922	38.5%	9,890	-3.0%
5-YR NOTE	3,419,549	3,579,021	-4.5%	3,585,357	-4.6%
5-YR SWAP RATE	88,985	83,045	7.2%	74,606	19.3%
7-YR SWAP RATE	21,211	19,332	9.7%	21,055	0.7%
EURODOLLARS	11,837,650	10,723,715	10.4%	11,407,230	3.8%
FED FUND	1,090,446	1,762,270	-38.1%	1,123,455	-2.9%
SOFR	802,209	534,780	50.0%	693,839	15.6%
SONIA	20,091	19,802	1.5%	17,924	12.1%
Ultra 10-Year Note	1,504,186	866,642	73.6%	1,394,104	7.9%
ULTRA T-BOND	1,138,049	1,049,554	8.4%	1,135,760	0.2%
Interest Rate Options					
10-YR NOTE	3,633,626	3,151,024	15.3%	3,255,387	11.6%
2-YR NOTE	35,394	512,968	-93.1%	31,579	12.1%
30-YR BOND	555,352	663,232	-16.3%	708,677	-21.6%
5-YR NOTE	1,165,051	2,159,299	-46.0%	1,263,822	-7.8%
EURODOLLARS	17,777,515	40,352,964	-55.9%	17,029,786	4.4%
EURO MIDCURVE	18,759,051	9,767,002	92.1%	16,790,379	11.7%
FED FUND	0	10,631	-100.0%	0	-
SOFR	6,680	458	1,358.5%	6,670	0.1%
Ultra 10-Year Note	0	11,781	-100.0%	0	-
ULTRA T-BOND	336	7,814	-95.7%	301	11.6%

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Equity Index Futures					
BITCOIN FUTURES	8,559	6,681	28.1%	9,890	-13.5%
DJ US REAL ESTATE	27,848	42,432	-34.4%	27,650	0.7%
E-mini (\$5) Dow	93,509	65,504	42.8%	91,246	2.5%
E-MINI COM SERVICES SELECT	3,294	5,153	-36.1%	3,406	-3.3%
E-mini FTSE 100 (USD)	0	0	-	0	-
E-mini FTSE China 50	0	0	-	0	-
E-MINI MIDCAP	44,662	70,886	-37.0%	45,365	-1.5%
E-MINI NASDAQ 100	226,957	183,166	23.9%	222,778	1.9%
E-MINI RUSSELL 1000	8,964	7,789	15.1%	9,565	-6.3%
E-MINI RUSSELL 1000 GROWTH	4,018	3,994	0.6%	3,537	13.6%
E-MINI RUSSELL 1000 VALUE	30,291	4,377	592.0%	34,457	-12.1%
E-MINI RUSSELL 2000	457,832	524,134	-12.6%	482,488	-5.1%
E-MINI S&P500	2,721,499	3,242,294	-16.1%	2,594,520	4.9%
E-MINI S&P REAL ESTATE SELE	10,027	3,894	157.5%	3,683	172.3%
ETHER FUTURES	2,613	0	-	1,582	65.2%
FT-SE 100	0	0	-	0	-
FTSE Emerging	0	61	-100.0%	0	-
IBOVESPA INDEX	23	157	-85.4%	33	-30.3%
MICRO E-MINI NASDAQ 100	123,363	37,616	228.0%	69,120	78.5%
MICRO E-MINI RUSSELL 2000	44,304	9,615	360.8%	25,285	75.2%
MICRO E-MINI S&P500	143,544	116,258	23.5%	90,455	58.7%
MICRO MINI \$5 DOW	27,132	24,441	11.0%	18,936	43.3%
NASDAQ BIOTECH	65	3	2,066.7%	63	3.2%
Nearby BTIC+	0	0	-	50	-100.0%
NIKKEI 225 (\$) STOCK	15,299	12,880	18.8%	14,462	5.8%
NIKKEI 225 (YEN) STOCK	40,005	35,153	13.8%	33,288	20.2%
S&P 500	264,726	312,009	-15.2%	202,718	30.6%
S&P 500 ANNUAL DIVIDEND IND	185,729	145,617	27.5%	171,759	8.1%
S&P 500/GI	0	0	-	0	-
S&P 500 QUARLY DIVIDEND IND	6,364	2,037	212.4%	6,064	4.9%
S&P 600 SMALLCAP EMINI	0	567	-100.0%	0	-
S&P CONSUMER DSCRTNRY SE	3,101	2,109	47.0%	3,117	-0.5%
S&P CONSUMER STAPLES SECT	11,431	12,255	-6.7%	11,420	0.1%
S&P ENERGY SECTOR	22,966	10,544	117.8%	25,475	-9.8%
S&P FINANCIAL SECTOR	53,932	10,435	416.8%	53,774	0.3%
S&P HEALTH CARE SECTOR	14,143	12,233	15.6%	12,406	14.0%
S&P INDUSTRIAL SECTOR	23,352	5,716	308.5%	25,039	-6.7%
S&P MATERIALS SECTOR	6,491	3,696	75.6%	5,265	23.3%
S&P TECHNOLOGY SECTOR	8,282	8,864	-6.6%	8,883	-6.8%
S&P UTILITIES SECTOR	14,433	6,764	113.4%	12,750	13.2%
S&P VALUE INDEX FUTURES	380	0	-	380	0.0%
WATER INDEX FUTURES	25	0	-	2	1,150.0%
YEN DENOMINATED TOPIX	361	897	-59.8%	176	105.1%

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Equity Index Options					
BITCOIN FUTURES	1,569	294	433.7%	767	104.6%
E-mini (\$5) Dow	1,293	2,153	-39.9%	1,285	0.6%
E-MINI NASDAQ 100	114,556	99,505	15.1%	125,334	-8.6%
E-MINI RUSSELL 2000	16,875	9,348	80.5%	11,578	45.8%
E-MINI S&P500	1,438,310	2,135,775	-32.7%	1,000,061	43.8%
EOM E-MINI RUSSELL 2000 END	2,936	1,659	77.0%	2,960	-0.8%
EOM EMINI S&P	332,005	475,281	-30.1%	230,872	43.8%
EOM S&P 500	15,882	30,299	-47.6%	10,590	50.0%
EOW1 E-MINI RUSSELL 2000 WE	2,638	686	284.5%	1,795	47.0%
EOW1 EMINI S&P 500	174,164	230,008	-24.3%	219,805	-20.8%
EOW1 S&P 500	11,335	17,869	-36.6%	9,708	16.8%
EOW2 E-MINI RUSSELL 2000 WE	899	561	60.2%	2,856	-68.5%
EOW2 EMINI S&P 500	102,421	116,894	-12.4%	125,616	-18.5%
EOW2 S&P 500	5,210	3,050	70.8%	3,820	36.4%
EOW3 E-MINI RUSSELL 2000 WE	7,753	8,577	-9.6%	14,327	-45.9%
EOW3 EMINI S&P 500	494,133	765,225	-35.4%	687,258	-28.1%
EOW3 S&P 500	17,300	48,718	-64.5%	19,916	-13.1%
EOW4 E-MINI RUSSELL 2000 WE	0	50	-100.0%	79	-100.0%
EOW4 EMINI S&P 500	0	50,862	-100.0%	25,256	-100.0%
MICRO E-MINI NASDAQ 100	5,304	0	-	3,518	50.8%
MICRO E-MINI S&P500	26,499	0	-	26,218	1.1%
S&P 500	27,596	74,744	-63.1%	10,611	160.1%
Metals Futures					
ALUMINUM	50,375	68,630	-26.6%	51,858	-2.9%
COBALT METAL FUTURES	725	0	-	510	42.2%
COMEX COPPER	255,020	162,803	56.6%	235,926	8.1%
COMEX E-Mini GOLD	2,049	2,542	-19.4%	1,873	9.4%
COMEX E-Mini SILVER	566	339	67.0%	676	-16.3%
COMEX GOLD	464,460	490,551	-5.3%	457,315	1.6%
COMEX MINY COPPER	391	70	458.6%	262	49.2%
COMEX SILVER	161,569	134,672	20.0%	151,403	6.7%
COPPER	20,934	11,871	76.3%	19,068	9.8%
FERROUS PRODUCTS	5,406	5,469	-1.2%	5,676	-4.8%
GOLD	304	343	-11.4%	266	14.3%
HOT ROLLED COIL STEEL FUTU	1,006	525	91.6%	1,155	-12.9%
IRON ORE 62 CHINA PLATTS FU	0	0	-	0	-
IRON ORE 62 CHINA TSI FUTURE	0	4,425	-100.0%	0	-
IRON ORE CHINA	1,563	0	-	1,564	-0.1%
LNDN ZINC	0	0	-	0	-
METALS	75	0	-	172	-56.4%
MICRO GOLD	31,250	22,459	39.1%	26,199	19.3%
NYMEX HOT ROLLED STEEL	30,080	25,063	20.0%	30,811	-2.4%
NYMEX PLATINUM	63,377	51,163	23.9%	66,369	-4.5%
PALLADIUM	11,671	8,105	44.0%	10,327	13.0%
SILVER	7,341	2,817	160.6%	6,326	16.0%
URANIUM	700	345	102.9%	700	0.0%

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Metals Options					
ALUMINUM	1,200	150	700.0%	600	100.0%
COMEX COPPER	52,346	29,000	80.5%	41,370	26.5%
COMEX GOLD	930,705	1,517,795	-38.7%	895,150	4.0%
COMEX SILVER	88,191	133,572	-34.0%	96,335	-8.5%
COPPER	3	97	-96.9%	4	-25.0%
GOLD	18,247	16,688	9.3%	30,099	-39.4%
HOT ROLLED COIL STEEL CALL	0	175	-100.0%	0	-
HOT ROLLED COIL STEEL PUT O	0	100	-100.0%	0	-
IRON ORE 62 CHINA TSI CALL O	0	1,290	-100.0%	0	-
IRON ORE 62 CHINA TSI PUT OP	0	5,197	-100.0%	0	-
IRON ORE CHINA	1,210	0	-	1,240	-2.4%
NYMEX HOT ROLLED STEEL	1,425	0	-	1,675	-14.9%
NYMEX PLATINUM	11,776	7,440	58.3%	875	1,245.8%
PALLADIUM	1,641	2,433	-32.6%	943	74.0%
SILVER	1,492	1,312	13.7%	2,609	-42.8%
Energy Futures					
3.5% FUEL OIL CID MED SWA	0	0	-	0	-
3.5% FUEL OIL CIF BALMO S	0	0	-	0	-
AEP-DAYTON HUB DAILY	10	84	-88.1%	10	0.0%
ANR OKLAHOMA	0	0	-	0	-
ARGUS LLS VS. WTI (ARG) T	19,430	10,687	81.8%	10,995	76.7%
ARGUS PROPAN FAR EST INDE	5,536	4,502	23.0%	5,262	5.2%
ARGUS PROPAN(SAUDI ARAMC	1,768	1,986	-11.0%	2,033	-13.0%
AUSTRIALIAN COKE COAL	0	0	-	0	-
BRENT BALMO SWAP	0	0	-	600	-100.0%
BRENT CALENDAR SWAP	13,234	20,029	-33.9%	15,711	-15.8%
BRENT FINANCIAL FUTURES	1,054	45	2,242.2%	84	1,154.8%
BRENT OIL LAST DAY	205,900	246,233	-16.4%	230,695	-10.7%
CAR VINTAGE	130	0	-	96	35.4%
CENTERPOINT BASIS SWAP	0	0	-	0	-
CHICAGO ETHANOL SWAP	40,093	32,414	23.7%	43,463	-7.8%
CHICAGO ULSD PL VS HO SPR	1,488	3,377	-55.9%	1,405	5.9%
CHICAGO UNL GAS PL VS RBO	1,060	310	241.9%	1,060	0.0%
CIG BASIS	0	0	-	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-
CINERGY HUB PEAK MONTH	0	0	-	0	-
CIN HUB 5MW D AH PK	0	67	-100.0%	0	-
CIN HUB 5MW REAL TIME O P	0	22,008	-100.0%	0	-
CIN HUB 5MW REAL TIME PK	0	1,197	-100.0%	0	-
COAL SWAP	0	0	-	0	-
COLUMB GULF MAINLINE NG B	0	179	-100.0%	0	-
CONWAY NATURAL GASOLINE (557	1,234	-54.9%	583	-4.5%
CONWAY NORMAL BUTANE (OPI	511	597	-14.4%	618	-17.3%
CONWAY PROPANE 5 DECIMALS	17,632	23,799	-25.9%	16,360	7.8%
CRUDE OIL	58	9,842	-99.4%	108	-46.3%
CRUDE OIL LAST DAY	0	0	-	0	-
CRUDE OIL OUTRIGHTS	165,232	207,286	-20.3%	169,318	-2.4%

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Energy Futures					
CRUDE OIL PHY	2,381,652	2,303,849	3.4%	2,348,117	1.4%
CRUDE OIL SPRDS	104,951	127,018	-17.4%	111,653	-6.0%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
DAILY PJM	33,056	72,416	-54.4%	27,608	19.7%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
DATED TO FRONTLINE BRENT	550	644	-14.6%	605	-9.1%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-
DOMINION TRANSMISSION INC	108	1,596	-93.2%	126	-14.3%
DUBAI CRUDE OIL BALMO	0	0	-	0	-
DUBAI CRUDE OIL CALENDAR	0	10,050	-100.0%	0	-
DUTCH TTF NATURAL GAS CAL	29,513	18,335	61.0%	27,316	8.0%
EAST/WEST FUEL OIL SPREAD	0	9	-100.0%	0	-
EIA FLAT TAX ONHWAY DIESE	4,242	2,789	52.1%	4,424	-4.1%
ELEC FINSETTLED	0	386	-100.0%	0	-
ELEC MISO PEAK	0	0	-	0	-
ELEC NYISO OFF-PEAK	0	0	-	0	-
ELECTRICITY OFF PEAK	0	7,026	-100.0%	0	-
ETHANOL	41	512	-92.0%	80	-48.8%
ETHANOL SWAP	715	476	50.2%	675	5.9%
ETHANOL T2 FOB ROTT INCL DU	8,651	6,173	40.1%	8,230	5.1%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-
EURO 3.5% FUEL OIL RDAM B	0	0	-	0	-
EURO 3.5% FUEL OIL SPREAD	0	0	-	0	-
EURO GASOIL 10PPM VS ICE	748	75	897.3%	803	-6.8%
EUROPE 1% FUEL OIL NWE CA	12	0	-	12	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	163	2,047	-92.0%	164	-0.6%
EUROPEAN GASOIL (ICE)	3,408	160	2,030.0%	3,400	0.2%
EUROPEAN NAPHTHA BALMO	8	7	14.3%	0	-
EUROPEAN NAPHTHA CRACK SP	2,799	6,574	-57.4%	2,445	14.5%
EUROPE DATED BRENT SWAP	731	0	-	733	-0.3%
EUROPE JET KERO NWE CALSW	0	0	-	0	-
EUROPE NAPHTHA CALSWAP	873	1,041	-16.1%	863	1.2%
EURO PROPANE CIF ARA SWA	2,509	2,481	1.1%	2,457	2.1%
FREIGHT MARKETS	1,375	2,652	-48.2%	1,685	-18.4%
FUEL OIL CRACK VS ICE	1,990	4,974	-60.0%	2,125	-6.4%
FUEL OIL NWE CRACK VS ICE	0	117	-100.0%	0	-
FUEL OIL (PLATS) CAR CM	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	0	0	-	0	-
FUELOIL SWAP:CARGOES VS.B	81	305	-73.4%	90	-10.0%
GAS EURO-BOB OXY NWE BARG	1,933	2,960	-34.7%	2,023	-4.4%
GAS EURO-BOB OXY NWE BARG	15,467	22,381	-30.9%	16,142	-4.2%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	39	0	-	40	-2.5%
GASOIL 0.1 ROTTERDAM BARG	40	45	-11.1%	50	-20.0%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	-
GASOIL CALENDAR SWAP	190	112	69.6%	374	-49.2%
GASOIL CRACK SPREAD CALEN	4,460	7,584	-41.2%	4,541	-1.8%

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Energy Futures					
GASOIL MINI CALENDAR SWAP	1,431	1,086	31.8%	1,167	22.6%
GERMAN POWER BASELOAD CA	843	2,065	-59.2%	907	-7.1%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-
GROUP THREE UNLEAD GAS (P	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	10,369	10,098	2.7%	9,183	12.9%
GRP THREE UNL GS (PLT) VS	5,775	5,279	9.4%	5,965	-3.2%
GULF COAST 3% FUEL OIL BA	0	272	-100.0%	0	-
GULF COAST JET FUEL CLNDR	750	942	-20.4%	1,000	-25.0%
GULF COAST JET VS NYM 2 H	28,276	24,717	14.4%	34,703	-18.5%
GULF COAST NO.6 FUEL OIL	4,739	17,791	-73.4%	5,796	-18.2%
GULF COAST ULSD CALENDAR	4,663	3,705	25.9%	4,912	-5.1%
GULF COAST ULSD CRACK SPR	90	900	-90.0%	100	-10.0%
HEATING OIL BALMO CLNDR S	0	537	-100.0%	700	-100.0%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
HEATING OIL PHY	395,429	359,954	9.9%	409,965	-3.5%
HENRY HUB BASIS SWAP	0	3,680	-100.0%	0	-
HENRY HUB FINANCIAL LAST	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	0	5,992	-100.0%	0	-
HENRY HUB SWAP	599,073	720,724	-16.9%	608,645	-1.6%
HOUSTON SHIP CHANNEL BASI	1,225	4,766	-74.3%	1,375	-10.9%
HTG OIL	123	118	4.2%	72	70.8%
ICE BRENT DUBAI SWAP	5,321	28,483	-81.3%	5,929	-10.3%
ICE GASOIL BALMO SWAP	20	0	-	26	-23.1%
INDIANA MISO	0	807	-100.0%	0	-
INDONESIAN COAL ICI4	645	518	24.5%	350	84.3%
JAPAN C&F NAPHTHA CRACK S	0	150	-100.0%	0	-
JAPAN C&F NAPHTHA SWAP	196	312	-37.2%	184	6.5%
JAPAN NAPHTHA BALMO SWAP	0	0	-	0	-
JET AV FUEL (P) CAR FM ICE GA	0	0	-	0	-
JET CIF NWE VS ICE	499	45	1,008.9%	382	30.6%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-
JET FUEL UP-DOWN BALMO CL	1,100	2,053	-46.4%	250	340.0%
JKM LNG Futures	4,751	4,125	15.2%	4,737	0.3%
LA CARB DIESEL (OPIS) SWA	575	1,433	-59.9%	616	-6.7%
LA CARBOB GASOLINE(OPIS)S	100	150	-33.3%	0	-
LA JET (OPIS) SWAP	771	1,638	-52.9%	832	-7.3%
LLS (ARGUS) CALENDAR SWAP	50	212	-76.4%	60	-16.7%
LLS (ARGUS) VS WTI SWAP	3,247	10,303	-68.5%	3,262	-0.5%
LOS ANGELES CARB GASOLINE	0	0	-	0	-
LTD NAT GAS	364,875	272,077	34.1%	354,471	2.9%
MARS (ARGUS) VS WTI SWAP	890	450	97.8%	1,250	-28.8%
MARS (ARGUS) VS WTI TRD M	28,559	15,386	85.6%	30,736	-7.1%
MARS BLEND CRUDE OIL	0	0	-	0	-
MCCLOSKEY ARA ARGS COAL	16,451	20,325	-19.1%	14,696	11.9%
MCCLOSKEY RCH BAY COAL	1,339	1,864	-28.2%	1,184	13.1%
MGF FUT	0	0	-	0	-
MGN1 SWAP FUT	20	335	-94.0%	20	0.0%
MICHIGAN BASIS	0	736	-100.0%	0	-
MICHIGAN MISO	0	0	-	0	-
MINI GAS EUROBOB OXY NWE A	45	9	400.0%	10	350.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
MINI RBOB V. EBOBARG NWE BF	0	170	-100.0%	105	-100.0%
MINI RBOB V. EBOB(ARGUS) NW	1,223	1,040	17.6%	920	32.9%
MINY HTG OIL	0	0	0.0%	0	0.0%
MINY NATURAL GAS	4,093	4,905	-16.6%	3,687	11.0%
MINY RBOB GAS	2	0	-	1	100.0%
MINY WTI CRUDE OIL	3,255	9,749	-66.6%	3,450	-5.7%
MJC FUT	20	45	-55.6%	0	-
MNC FUT	791	2,267	-65.1%	745	6.2%
MONT BELVIEU ETHANE 5 DECI	46,182	39,114	18.1%	48,752	-5.3%
MONT BELVIEU ETHANE OPIS B	145	193	-24.9%	500	-71.0%
MONT BELVIEU LDH PROPANE 5	137,497	138,660	-0.8%	135,173	1.7%
MONT BELVIEU LDH PROPANE C	4,830	2,742	76.1%	3,286	47.0%
MONT BELVIEU NATURAL GASO	32,155	41,503	-22.5%	33,585	-4.3%
MONT BELVIEU NATURAL GASO	410	1,014	-59.6%	885	-53.7%
MONT BELVIEU NORMAL BUTAN	59,805	62,339	-4.1%	62,137	-3.8%
MONT BELVIEU NORMAL BUTAN	703	2,283	-69.2%	2,131	-67.0%
NAT GAS BASIS SWAP	0	0	-	0	-
NATURAL GAS	126,183	111,656	13.0%	132,094	-4.5%
NATURAL GAS PEN SWP	252,104	151,946	65.9%	269,487	-6.5%
NATURAL GAS PHY	1,173,202	1,206,480	-2.8%	1,203,608	-2.5%
NEPOOL INTR HUB 5MW D AH	108,719	274,503	-60.4%	125,391	-13.3%
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	868	1,195	-27.4%	924	-6.1%
NEW YORK ETHANOL SWAP	535	1,200	-55.4%	315	69.8%
NEW YORK HUB ZONE G PEAK	310	1,381	-77.6%	275	12.7%
NEW YORK HUB ZONE J PEAK	0	248	-100.0%	0	-
NGPL MID-CONTINENT	0	520	-100.0%	0	-
NGPL TEX/OK	0	120	-100.0%	0	-
N ILLINOIS HUB DAILY	20	10	100.0%	20	0.0%
NO 2 UP-DOWN SPREAD CALEN	0	0	-	0	-
NORTHERN NATURAL GAS DEMA	0	0	-	0	-
NORTHERN NATURAL GAS VENTL	0	0	-	0	-
NORTHWEST ROCKIES BASIS S	0	490	-100.0%	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-
NY1% VS GC SPREAD SWAP	380	1,714	-77.8%	415	-8.4%
NY 3.0% FUEL OIL (PLATTS	0	0	-	0	-
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-
NY HARBOR HEAT OIL SWP	10,006	13,910	-28.1%	10,389	-3.7%
NY HARBOR LOW SULPUR GAS	1,880	765	145.8%	1,615	16.4%
NY HARBOR RESIDUAL FUEL 1	550	2,394	-77.0%	535	2.8%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-
NYH NO 2 CRACK SPREAD CAL	7,818	4,383	78.4%	5,873	33.1%
NYISO CAPACITY	0	188	-100.0%	10	-100.0%
NYISO ZONE A 5MW D AH O P	0	5,442	-100.0%	0	-
NYISO ZONE A 5MW D AH PK	0	0	-	0	-
NYISO ZONE G 5MW D AH O P	39,200	207,962	-81.2%	47,680	-17.8%
NYISO ZONE G 5MW D AH PK	7,885	14,391	-45.2%	8,085	-2.5%
NYISO ZONE J 5MW D AH O P	0	8,163	-100.0%	0	-
NYISO ZONE J 5MW D AH PK	0	1,208	-100.0%	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
NYMEX ALUMINUM FUTURES	0	0	-	0	-
NYMEX ULSD VS NYMEX HO	0	200	-100.0%	0	-
NY ULSD (ARGUS) VS HEATING	141	2,057	-93.1%	271	-48.0%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-
ONTARIO POWER SWAPS	0	0	-	0	-
PANHANDLE BASIS SWAP FUTU	232	1,008	-77.0%	270	-14.1%
PERMIAN BASIS SWAP	0	2,205	-100.0%	0	-
PETROCHEMICALS	12,826	12,002	6.9%	11,771	9.0%
PETRO CRCKS & SPRDS ASIA	225	330	-31.8%	225	0.0%
PETRO CRCKS & SPRDS NA	38,682	69,439	-44.3%	40,943	-5.5%
PETRO CRK&SPRD EURO	2,093	6,645	-68.5%	2,090	0.1%
PETROLEUM PRODUCTS	1,010	9,217	-89.0%	1,037	-2.6%
PETROLEUM PRODUCTS ASIA	402	847	-52.5%	402	0.0%
PETRO OUTRIGHT EURO	19,024	14,412	32.0%	19,822	-4.0%
PETRO OUTRIGHT NA	3,632	3,961	-8.3%	5,103	-28.8%
PJM AD HUB 5MW REAL TIME	41,255	103,632	-60.2%	43,205	-4.5%
PJM BGE DA OFF-PEAK	0	0	-	0	-
PJM BGE DA PEAK	0	0	-	0	-
PJM COMED 5MW D AH O PK	0	0	-	0	-
PJM COMED 5MW D AH PK	0	0	-	0	-
PJM DAILY	296	256	15.6%	296	0.0%
PJM DAYTON DA OFF-PEAK	0	27,210	-100.0%	0	-
PJM DAYTON DA PEAK	0	1,510	-100.0%	0	-
PJM MONTHLY	0	0	-	0	-
PJM NI HUB 5MW REAL TIME	33,160	65,780	-49.6%	37,060	-10.5%
PJM NILL DA OFF-PEAK	0	0	-	0	-
PJM NILL DA PEAK	0	0	-	0	-
PJM OFF-PEAK LMP SWAP FUT	0	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	5,442	-100.0%	0	-
PJM WESTHDA PEAK	0	302	-100.0%	0	-
PJM WESTH RT OFF-PEAK	273,500	388,017	-29.5%	280,860	-2.6%
PJM WESTH RT PEAK	41,975	54,998	-23.7%	45,231	-7.2%
PLASTICS	2,313	4,765	-51.5%	3,547	-34.8%
PREMIUM UNLD 10P FOB MED	0	63	-100.0%	0	-
PREMIUM UNLEAD 10PPM FOB	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PREM UNL GAS 10PPM RDAM F	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) B	1,977	1,195	65.4%	969	104.0%
PROPANE NON-LDH MT. BEL (OF	63,270	62,844	0.7%	66,928	-5.5%
RBOB CALENDAR SWAP	15,794	12,454	26.8%	12,238	29.1%
RBOB CRACK SPREAD	10,352	3,930	163.4%	6,502	59.2%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
RBOB GAS	109	109	0.0%	56	94.6%
RBOB GASOLINE BALMO CLNDR	372	1,241	-70.0%	30	1,140.0%
RBOB PHY	360,676	366,526	-1.6%	373,548	-3.4%
RBOB VS HEATING OIL SWAP	630	1,165	-45.9%	655	-3.8%
SAN JUAN BASIS SWAP	0	368	-100.0%	0	-

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CME Group Exchange Open Interest Report - Monthly

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Energy Futures					
SAN JUAN PIPE SWAP	0	0	-	0	-
SINGAPORE 180CST BALMO	0	0	-	0	-
SINGAPORE 380CST BALMO	0	1	-100.0%	0	-
SINGAPORE 380CST FUEL OIL	501	996	-49.7%	311	61.1%
SINGAPORE FUEL 180CST CAL	0	21	-100.0%	0	-
SINGAPORE FUEL OIL SPREAD	0	120	-100.0%	0	-
SINGAPORE GASOIL	1,168	1,463	-20.2%	937	24.7%
SINGAPORE GASOIL CALENDAR	1,902	1,039	83.1%	2,122	-10.4%
SINGAPORE GASOIL SWAP	5,577	2,071	169.3%	6,160	-9.5%
SINGAPORE GASOIL VS ICE	2,126	4,647	-54.3%	2,326	-8.6%
SINGAPORE JET KERO BALMO	0	0	-	0	-
SINGAPORE JET KERO GASOIL	600	0	-	650	-7.7%
SINGAPORE JET KEROSENE SW	1,125	1,310	-14.1%	1,140	-1.3%
SINGAPORE MOGAS 92 UNLEAD	0	0	-	300	-100.0%
SINGAPORE MOGAS 92 UNLEAD	1,440	9,108	-84.2%	1,205	19.5%
SING FUEL	0	0	-	0	-
Sumas Basis Swap	0	0	-	0	-
TC2 ROTTERDAM TO USAC 37K	105	180	-41.7%	105	0.0%
TC5 RAS TANURA TO YOKOHAM	135	845	-84.0%	135	0.0%
TCO BASIS SWAP	0	736	-100.0%	0	-
TD3 MEG TO JAPAN 250K MT	6,549	9,488	-31.0%	6,129	6.9%
TEXAS EASTERN ZONE M-3 BA	0	490	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	0	1,016	-100.0%	0	-
TRANSCO ZONE 6 BASIS SWAP	0	0	-	0	-
UCM FUT	0	0	-	0	-
UK NBP NAT GAS CAL MTH FUT	60	319	-81.2%	120	-50.0%
ULSD UP-DOWN BALMO SWP	2,995	4,420	-32.2%	7,410	-59.6%
UP DOWN GC ULSD VS NMX HO	52,025	60,512	-14.0%	50,684	2.6%
WAHA BASIS	0	423	-100.0%	0	-
WTI-BRENT BULLET SWAP	0	402	-100.0%	0	-
WTI-BRENT CALENDAR SWAP	89,455	128,718	-30.5%	80,764	10.8%
WTI CALENDAR	158,863	204,240	-22.2%	166,933	-4.8%
WTI MIDLAND CRUDE OIL	1,365	300	355.0%	1,560	-12.5%
WTS (ARGUS) VS WTI SWAP	55,935	83,480	-33.0%	58,682	-4.7%
WTS (ARGUS) VS WTI TRD MT	9,798	9,321	5.1%	10,422	-6.0%

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CME Group Exchange Open Interest Report - Monthly

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Energy Options					
BRENT CALENDAR SWAP	1,124	5,152	-78.2%	1,235	-9.0%
BRENT CRUDE OIL 1 M CSO	71,200	21,200	235.8%	73,500	-3.1%
BRENT OIL LAST DAY	185,421	108,965	70.2%	214,306	-13.5%
COAL API2 INDEX	970	0	-	800	21.3%
CRUDE OIL	50	0	-	50	0.0%
CRUDE OIL 1MO	408,630	556,097	-26.5%	425,910	-4.1%
CRUDE OIL APO	251,756	408,026	-38.3%	250,263	0.6%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
CRUDE OIL OUTRIGHTS	0	0	-	0	-
CRUDE OIL PHY	2,119,242	3,006,681	-29.5%	2,086,120	1.6%
ELEC FINSETTLED	43	0	-	43	0.0%
ETHANOL SWAP	5,407	7,905	-31.6%	5,626	-3.9%
FREIGHT MARKETS	0	0	-	0	-
HEATING OIL CRK SPD AVG PRI	3,330	0	-	3,330	0.0%
HEATING OIL PHY	12,256	32,220	-62.0%	11,593	5.7%
HENRY HUB FINANCIAL LAST	39,252	24,754	58.6%	41,581	-5.6%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-
LLS CRUDE OIL	700	0	-	800	-12.5%
MCCLOSKEY ARA ARGS COAL	1,080	1,815	-40.5%	1,080	0.0%
MCCLOSKEY RCH BAY COAL	0	50	-100.0%	0	-
NATURAL GAS 1 M CSO FIN	28,475	82,100	-65.3%	17,900	59.1%
NATURAL GAS 2 M CSO FIN	5,800	3,500	65.7%	5,800	0.0%
NATURAL GAS 3 M CSO FIN	30,526	77,910	-60.8%	23,225	31.4%
NATURAL GAS 5 M CSO FIN	0	0	-	5,650	-100.0%
NATURAL GAS 6 M CSO FIN	0	0	-	0	-
NATURAL GAS OPT	73,810	2,000	3,590.5%	72,830	1.3%
NATURAL GAS OPTION ON CALE	21,928	19,884	10.3%	19,828	10.6%
NATURAL GAS PHY	2,190,755	2,486,720	-11.9%	2,212,607	-1.0%
NATURAL GAS SUMMER STRIP	0	0	-	0	-
NATURAL GAS WINTER STRIP	0	600	-100.0%	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-
NY HARBOR HEAT OIL SWP	4,806	13,346	-64.0%	4,270	12.6%
PETROCHEMICALS	2,317	376	516.2%	2,309	0.3%
PETRO OUTRIGHT EURO	0	24	-100.0%	0	-
PETRO OUTRIGHT NA	885	1,295	-31.7%	930	-4.8%
PJM WES HUB PEAK CAL MTH	850	1,540	-44.8%	850	0.0%
PJM WES HUB PEAK LMP 50MW	302	512	-41.0%	342	-11.7%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-
RBOB CALENDAR SWAP	1,644	110	1,394.5%	1,530	7.5%
RBOB CRACK	0	0	-	0	-
RBOB PHY	17,235	12,070	42.8%	10,190	69.1%
SAN JUAN PIPE SWAP	0	0	-	0	-
SHORT TERM	0	0	-	0	-
SHORT TERM NATURAL GAS	0	400	-100.0%	0	-
WTI-BRENT BULLET SWAP	194,870	191,980	1.5%	199,730	-2.4%
WTI CRUDE OIL 1 M CSO FI	239,300	285,770	-16.3%	204,375	17.1%

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FX Futures					
AD/CD CROSS RATES	16	9	77.8%	6	166.7%
AD/JY CROSS RATES	391	283	38.2%	353	10.8%
AD/NE CROSS RATES	30	100	-70.0%	41	-26.8%
AUSTRALIAN DOLLAR	136,588	128,574	6.2%	140,358	-2.7%
BP/JY CROSS RATES	576	1,365	-57.8%	486	18.5%
BP/SF CROSS RATES	476	292	63.0%	519	-8.3%
BRAZIL REAL	55,599	26,684	108.4%	66,399	-16.3%
BRITISH POUND	158,998	159,893	-0.6%	140,539	13.1%
CANADIAN DOLLAR	194,228	118,053	64.5%	166,739	16.5%
CD/JY CROSS RATES	19	4	375.0%	19	0.0%
CHINESE RENMINBI (CNH)	3,920	1,259	211.4%	3,251	20.6%
CZECK KORUNA (EC)	0	4	-100.0%	0	-
CZECK KORUNA (US)	1	0	-	0	-
EC/AD CROSS RATES	2,843	1,877	51.5%	2,585	10.0%
EC/CD CROSS RATES	3,728	1,916	94.6%	4,050	-8.0%
EC/NOK CROSS RATES	544	145	275.2%	601	-9.5%
EC/SEK CROSS RATES	666	716	-7.0%	610	9.2%
EFX/BP CROSS RATES	26,239	22,075	18.9%	25,987	1.0%
EFX/JY CROSS RATES	23,446	17,410	34.7%	20,929	12.0%
EFX/SF CROSS RATES	10,843	13,369	-18.9%	9,805	10.6%
E-MINI EURO FX	17,600	12,285	43.3%	16,259	8.2%
E-MINI JAPANESE YEN	504	1,752	-71.2%	502	0.4%
EURO FX	671,510	541,602	24.0%	643,320	4.4%
HUNGARIAN FORINT (EC)	0	0	-	0	-
HUNGARIAN FORINT (US)	29	26	11.5%	28	3.6%
INDIAN RUPEE	644	2,291	-71.9%	1,490	-56.8%
JAPANESE YEN	148,889	144,590	3.0%	165,473	-10.0%
KOREAN WON	1,047	400	161.8%	1,002	4.5%
MEXICAN PESO	146,110	101,800	43.5%	135,725	7.7%
MICRO AUD/USD	4,567	9,995	-54.3%	4,082	11.9%
MICRO CAD/USD	2,791	1,363	104.8%	1,704	63.8%
MICRO CHF/USD	2,176	445	389.0%	1,171	85.8%
MICRO EUR/USD	15,313	8,126	88.4%	18,160	-15.7%
MICRO GBP/USD	3,893	1,555	150.4%	2,555	52.4%
MICRO INR/USD	97	106	-8.5%	207	-53.1%
MICRO JPY/USD	2,960	1,108	167.1%	3,261	-9.2%
MICRO USD/CNH	2	0	-	0	-
NEW ZEALND DOLLAR	44,366	43,595	1.8%	37,406	18.6%
NKR/USD CROSS RATE	2,595	1,373	89.0%	2,281	13.8%
POLISH ZLOTY (EC)	146	55	165.5%	147	-0.7%
POLISH ZLOTY (US)	387	237	63.3%	301	28.6%
RMB USD	0	2	-100.0%	0	-
RUSSIAN RUBLE	29,314	23,661	23.9%	29,254	0.2%
S.AFRICAN RAND	15,806	16,690	-5.3%	12,591	25.5%
SF/JY CROSS RATES	16	23	-30.4%	2	700.0%
SHEKEL	3	20	-85.0%	2	50.0%
SKR/USD CROSS RATES	1,449	1,467	-1.2%	1,572	-7.8%
SWISS FRANC	40,472	36,316	11.4%	43,363	-6.7%
TURKISH LIRA	60	1,236	-95.1%	48	25.0%
USDZAR	11	0	-	15	-26.7%

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2021	Open Interest APR 2020	% CHG	Open Interest MAR 2021	% CHG
FX Options					
AUD/USD MONDAY OPTION WEE	646	368	75.5%	560	15.4%
AUD/USD MONDAY OPTION WEE	81	362	-77.6%	40	102.5%
AUD/USD MONDAY OPTION WEE	100	17	488.2%	164	-39.0%
AUD/USD MONDAY OPTION WEE	94	0	-	50	88.0%
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONTHLY OPTIONS	62,577	89,611	-30.2%	36,213	72.8%
AUD/USD WKLY FRIDAY OPTION	0	2,258	-100.0%	750	-100.0%
AUD/USD WKLY FRIDAY OPTION	963	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	988	1,407	-29.8%	1,143	-13.6%
AUD/USD WKLY FRIDAY OPTION	713	661	7.9%	1,321	-46.0%
AUD/USD WKLY FRIDAY OPTION	0	959	-100.0%	413	-100.0%
AUD/USD WKLY WED OPTIONS -	829	974	-14.9%	492	68.5%
AUD/USD WKLY WED OPTIONS -	108	315	-65.7%	374	-71.1%
AUD/USD WKLY WED OPTIONS -	0	42	-100.0%	41	-100.0%
AUD/USD WKLY WED OPTIONS -	0	20	-100.0%	0	-
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
BRL/USD MONTHLY OPTIONS	539	25	2,056.0%	565	-4.6%
CAD/USD MONDAY OPTIONS WE	380	94	304.3%	1,029	-63.1%
CAD/USD MONDAY OPTIONS WE	384	0	-	163	135.6%
CAD/USD MONDAY OPTIONS WE	0	259	-100.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONTHLY OPTIONS	79,664	61,055	30.5%	66,210	20.3%
CAD/USD WKLY FRIDAY OPTION	0	4,565	-100.0%	5,091	-100.0%
CAD/USD WKLY FRIDAY OPTION	1,074	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	1,156	1,498	-22.8%	1,287	-10.2%
CAD/USD WKLY FRIDAY OPTION	460	1,590	-71.1%	563	-18.3%
CAD/USD WKLY FRIDAY OPTION	0	781	-100.0%	30	-100.0%
CAD/USD WKLY WED OPTIONS -	231	400	-42.3%	711	-67.5%
CAD/USD WKLY WED OPTIONS -	2	361	-99.4%	283	-99.3%
CAD/USD WKLY WED OPTIONS -	2	533	-99.6%	50	-96.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
CHF/USD MONTHLY OPTIONS	11,244	5,861	91.8%	8,315	35.2%
CHF/USD WKLY FRIDAY OPTION	0	35	-100.0%	6	-100.0%
CHF/USD WKLY FRIDAY OPTION	15	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	501	9	5,466.7%	28	1,689.3%
CHF/USD WKLY FRIDAY OPTION	410	2	20,400.0%	0	-
CHF/USD WKLY FRIDAY OPTION	0	1	-100.0%	0	-
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD MONDAY OPTION WEE	923	850	8.6%	1,172	-21.2%
EUR/USD MONDAY OPTION WEE	1,569	118	1,229.7%	0	-
EUR/USD MONDAY OPTION WEE	50	176	-71.6%	166	-69.9%
EUR/USD MONDAY OPTION WEE	126	0	-	0	-
EUR/USD MONDAY OPTION WEE	0	0	-	0	-
EUR/USD MONTHLY OPTIONS	178,840	249,941	-28.4%	183,175	-2.4%
EUR/USD WKLY FRIDAY OPTION	0	6,337	-100.0%	9,682	-100.0%
EUR/USD WKLY FRIDAY OPTION	2,028	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	2,749	1,957	40.5%	2,166	26.9%

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CME Group Exchange Open Interest Report - Monthly

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FX Options					
EUR/USD WKLY FRIDAY OPTION	1,406	2,233	-37.0%	1,235	13.8%
EUR/USD WKLY FRIDAY OPTION	0	847	-100.0%	7	-100.0%
EUR/USD WKLY WED OPTIONS -	4,163	1,089	282.3%	2,946	41.3%
EUR/USD WKLY WED OPTIONS -	1,942	1,188	63.5%	446	335.4%
EUR/USD WKLY WED OPTIONS -	512	94	444.7%	259	97.7%
EUR/USD WKLY WED OPTIONS -	554	192	188.5%	0	-
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
GBP/USD MONDAY OPTION WEE	447	139	221.6%	142	214.8%
GBP/USD MONDAY OPTION WEE	1,138	216	426.9%	0	-
GBP/USD MONDAY OPTION WEE	0	160	-100.0%	310	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONTHLY OPTIONS	89,392	99,195	-9.9%	80,728	10.7%
GBP/USD WKLY FRIDAY OPTION	0	2,540	-100.0%	1,646	-100.0%
GBP/USD WKLY FRIDAY OPTION	1,257	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	842	979	-14.0%	1,301	-35.3%
GBP/USD WKLY FRIDAY OPTION	532	1,006	-47.1%	650	-18.2%
GBP/USD WKLY FRIDAY OPTION	0	567	-100.0%	585	-100.0%
GBP/USD WKLY WED OPTIONS -	656	1,559	-57.9%	203	223.2%
GBP/USD WKLY WED OPTIONS -	331	108	206.5%	0	-
GBP/USD WKLY WED OPTIONS -	32	277	-88.4%	58	-44.8%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
JPY/USD MONDAY OPTION WEE	276	69	300.0%	366	-24.6%
JPY/USD MONDAY OPTION WEE	0	273	-100.0%	138	-100.0%
JPY/USD MONDAY OPTION WEE	0	57	-100.0%	282	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	116	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	-
JPY/USD MONTHLY OPTIONS	64,984	129,384	-49.8%	79,111	-17.9%
JPY/USD WKLY FRIDAY OPTION	0	4,945	-100.0%	7,102	-100.0%
JPY/USD WKLY FRIDAY OPTION	1,557	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	481	1,432	-66.4%	1,176	-59.1%
JPY/USD WKLY FRIDAY OPTION	885	2,100	-57.9%	1,363	-35.1%
JPY/USD WKLY FRIDAY OPTION	0	795	-100.0%	100	-100.0%
JPY/USD WKLY WED OPTIONS -	2,704	1,636	65.3%	2,527	7.0%
JPY/USD WKLY WED OPTIONS -	308	662	-53.5%	412	-25.2%
JPY/USD WKLY WED OPTIONS -	3	29	-89.7%	0	-
JPY/USD WKLY WED OPTIONS -	45	0	-	0	-
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%
MXN/USD MONTHLY OPTIONS	396	6,381	-93.8%	743	-46.7%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	1	-100.0%	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	81	1,204	-93.3%	76	6.6%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-

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CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2021	Open Interest APR 2020	% CHG	Open Interest MAR 2021	% CHG
FX Options					
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
Foreign Exchange Futures					
CHILEAN PESO	0	0	-	0	-
Foreign Exchange Options					
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
Ags Futures					
FERTILIZER PRODUCS	3,520	4,345	-19.0%	2,630	33.8%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Futures					
BUTTER CS	9,132	9,821	-7.0%	9,539	-4.3%
CASH-SETTLED CHEESE	30,404	24,891	22.1%	30,485	-0.3%
CAT ASIA WEATHER	0	3,900	-100.0%	1,000	-100.0%
CATTLE	322,531	272,494	18.4%	340,637	-5.3%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	2,950	750	293.3%	2,500	18.0%
CDD WEATHER	1,900	4,200	-54.8%	125	1,420.0%
CHI WHEAT	423,742	346,734	22.2%	422,097	0.4%
CLASS IV MILK	2,444	5,645	-56.7%	2,422	0.9%
COCOA TAS	0	0	-	0	-
COFFEE	0	0	-	0	-
CORN	1,669,392	1,398,355	19.4%	1,747,966	-4.5%
COTTON	0	0	-	0	-
DJ_UBS ROLL SELECT INDEX FU	3,050	1,310	132.8%	2,941	3.7%
DOW-UBS COMMOD INDEX	32,515	19,544	66.4%	35,106	-7.4%
DRY WHEY	5,190	3,408	52.3%	5,206	-0.3%
FEEDER CATTLE	47,197	33,475	41.0%	45,559	3.6%
FERTILIZER PRODUCTS	0	420	-100.0%	0	-
GOLDMAN SACHS	4,629	7,098	-34.8%	6,607	-29.9%
GSCI EXCESS RETURN FUT	57,220	38,085	50.2%	55,306	3.5%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	0	0	-	0	-
HDD WEATHER	1,600	250	540.0%	6,200	-74.2%
HDD WEATHER EUROPEAN	1,500	0	-	1,500	0.0%
HOGS	292,362	208,930	39.9%	285,758	2.3%
HOUSING INDEX	27	42	-35.7%	20	35.0%
Intercommodity Spread	0	0	-	0	-
KC WHEAT	219,509	220,871	-0.6%	230,608	-4.8%
LUMBER	2,563	2,729	-6.1%	3,021	-15.2%
MALAYSIAN PALM SWAP	18,170	22,620	-19.7%	17,850	1.8%
MILK	27,396	23,042	18.9%	25,944	5.6%
MINI CORN	12,852	5,605	129.3%	10,934	17.5%
MINI SOYBEAN	21,928	7,788	181.6%	21,575	1.6%
MINI WHEAT	4,580	2,528	81.2%	4,951	-7.5%
MLK MID OPTIONS	0	0	0.0%	0	-
NFD MILK	7,367	9,033	-18.4%	8,089	-8.9%
OATS	4,894	2,936	66.7%	4,345	12.6%
PACIFIC RIM DAT SS WTHR	0	0	-	0	-
PORK CUTOUT	2,038	0	-	2,611	-21.9%
ROUGH RICE	9,084	12,167	-25.3%	9,316	-2.5%
SOYBEAN	808,855	802,830	0.8%	871,903	-7.2%
SOYBEAN MEAL	400,833	409,374	-2.1%	413,528	-3.1%
SOYBEAN OIL	489,232	455,383	7.4%	492,304	-0.6%
S&P GSCI ENHANCED ER SWAP	1,001	3,762	-73.4%	1,001	0.0%
SUGAR 11	0	0	-	0	-
USD CRUDE PALM OIL	8,300	7,257	14.4%	9,239	-10.2%
WHEAT	21,397	28,717	-25.5%	21,849	-2.1%

Ag Products Options

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
BUTTER CS	11,722	11,707	0.1%	9,348	25.4%
CASH-SETTLED CHEESE	34,987	34,559	1.2%	31,731	10.3%
CATTLE	163,862	199,666	-17.9%	186,828	-12.3%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	4,200	2,000	110.0%	2,000	110.0%
CDD WEATHER	2,250	0	-	2,250	0.0%
CHI WHEAT	326,798	358,656	-8.9%	263,868	23.8%
CLASS IV MILK	12,998	15,482	-16.0%	11,189	16.2%
CORN	1,795,508	1,064,606	68.7%	1,822,619	-1.5%
CORN NEARBY+2 CAL SPRD	3,425	8,595	-60.2%	12,155	-71.8%
DEC-DEC CORN CAL SPRD	200	1,427	-86.0%	0	-
DEC-JULY CORN CAL SPRD	0	175	-100.0%	0	-
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
DRY WHEY	2,173	2,418	-10.1%	1,519	43.1%
FEEDER CATTLE	21,741	33,192	-34.5%	20,495	6.1%
HDD EURO SEASONAL STRIP	0	0	-	7,000	-100.0%
HDD SEASONAL STRIP	0	0	-	3,500	-100.0%
HDD WEATHER	0	0	-	2,550	-100.0%
HDD WEATHER EUROPEAN	0	0	-	500	-100.0%
HOGS	183,621	253,397	-27.5%	204,713	-10.3%
HOUSING INDEX	0	0	-	0	-
Intercommodity Spread	54	12,865	-99.6%	52	3.8%
JAN-MAR SOYBEAN CSO	0	0	-	0	-
JULY-DEC CORN CAL SPRD	11,867	25,926	-54.2%	9,952	19.2%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-
JULY-DEC SOY OIL CAL SPRD	29	0	-	29	0.0%
JULY-DEC WHEAT CAL SPRD	550	2,925	-81.2%	550	0.0%
JULY-JULY WHEAT CAL SPRD	30	120	-75.0%	30	0.0%
JULY-NOV SOYBEAN CAL SPRD	1,543	11,798	-86.9%	1,176	31.2%
KC WHEAT	52,562	71,145	-26.1%	55,307	-5.0%
LUMBER	693	567	22.2%	848	-18.3%
LV CATL CSO	0	0	-	0	-
MAR-DEC CORN CAL SPRD	0	0	-	0	-
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY SOYBEAN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
MILK	79,240	73,822	7.3%	69,095	14.7%
MLK MID OPTIONS	15	33	-54.5%	9	66.7%
NFD MILK	12,407	27,086	-54.2%	9,273	33.8%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-
NOV-MAR SOYBEAN CSO	0	850	-100.0%	0	-
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-
OATS	296	1,056	-72.0%	363	-18.5%
PORK CUTOFF	353	0	-	508	-30.5%
ROUGH RICE	1,256	2,997	-58.1%	1,880	-33.2%
SOYBEAN	855,124	609,451	40.3%	964,472	-11.3%
SOYBEAN CRUSH	637	640	-0.5%	1,377	-53.7%
SOYBEAN MEAL	175,807	136,786	28.5%	210,251	-16.4%
SOYBEAN OIL	216,373	125,060	73.0%	263,556	-17.9%

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CME Group Exchange Open Interest Report - Monthly

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Ag Products Options					
SOYBN NEARBY+2 CAL SPRD	0	350	-100.0%	2,238	-100.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-
WHEAT	0	3,100	-100.0%	25	-100.0%
WHEAT-CORN ICSD	515	1,335	-61.4%	465	10.8%
WHEAT NEARBY+2 CAL SPRD	0	750	-100.0%	1,208	-100.0%
TOTAL FUTURES GROUP					
Interest Rate Futures	27,987,988	25,583,524	9.4%	27,208,086	2.9%
Equity Index Futures	4,649,524	4,930,231	-5.7%	4,321,087	7.6%
Metals Futures	1,108,862	992,192	11.8%	1,068,456	3.8%
Energy Futures	7,892,679	8,780,796	-10.1%	8,021,894	-1.6%
FX Futures	1,771,908	1,446,147	22.5%	1,705,198	3.9%
Foreign Exchange Futures	0	0	-	0	-
Ags Futures	3,520	4,345	-19.0%	2,630	33.8%
Ag Products Futures	4,967,784	4,395,994	13.0%	5,150,042	-3.5%
TOTAL FUTURES	48,382,265	46,133,229	4.9%	47,477,393	1.9%
TOTAL OPTIONS GROUP					
Interest Rate Options	41,933,005	56,637,173	-26.0%	39,086,601	7.3%
Equity Index Options	2,798,678	4,071,558	-31.3%	2,534,230	10.4%
Metals Options	1,108,236	1,715,249	-35.4%	1,070,900	3.5%
Energy Options	5,913,964	7,353,002	-19.6%	5,898,603	0.3%
FX Options	524,370	694,799	-24.5%	506,281	3.6%
Foreign Exchange Options	0	0	-	0	-
Ag Products Options	3,972,836	3,094,542	28.4%	4,174,929	-4.8%
TOTAL OPTIONS	56,251,089	73,566,323	-23.5%	53,271,544	5.6%
TOTAL COMBINED					
Interest Rate	69,920,993	82,220,697	-15.0%	66,294,687	5.5%
Equity Index	7,448,202	9,001,789	-17.3%	6,855,317	8.6%
Metals	2,217,098	2,707,441	-18.1%	2,139,356	3.6%
Energy	13,806,643	16,133,798	-14.4%	13,920,497	-0.8%
FX	2,296,278	2,140,946	7.3%	2,211,479	3.8%
Foreign Exchange	0	0	-	0	-
Ags	3,520	4,345	-19.0%	2,630	33.8%
Ag Products	8,940,620	7,490,536	19.4%	9,324,971	-4.1%
GRAND TOTAL	104,633,354	119,699,552	-12.6%	100,748,937	3.9%

*** 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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