

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>Interest Rate Futures</b>					
1-MONTH EURODOLLAR	61	4,709	-98.7%	216	-71.8%
EURODOLLARS	12,525,461	17,013,395	-26.4%	12,439,610	0.7%
SOFR	124,633	0	-	71,405	74.5%
SONIA	11,518	0	-	10,185	13.1%
<b>Interest Rate Options</b>					
EURODOLLARS	35,865,922	27,568,713	30.1%	32,039,507	11.9%
EURO MIDCURVE	17,933,275	21,698,016	-17.4%	15,440,575	16.1%
<b>Equity Index Futures</b>					
BITCOIN FUTURES	3,205	1,680	90.8%	3,995	-19.8%
E-mini FTSE 100 (USD)	5	0	0.0%	5	0.0%
E-mini FTSE China 50	140	158	-11.4%	160	-12.5%
E-MINI MIDCAP	68,292	74,031	-7.8%	67,067	1.8%
E-MINI NASDAQ 100	228,750	232,456	-1.6%	221,543	3.3%
E-MINI RUSSELL 1000	8,065	8,511	-5.2%	7,859	2.6%
E-MINI RUSSELL 1000 GROWTH	2,829	4,216	-32.9%	2,943	-3.9%
E-MINI RUSSELL 1000 VALUE	13,882	12,523	10.9%	13,465	3.1%
E-MINI RUSSELL 2000	523,555	529,028	-1.0%	491,645	6.5%
E-MINI S&P500	2,690,270	3,292,316	-18.3%	2,637,323	2.0%
E-MINI S&P REAL ESTATE SELE	6,989	6,470	8.0%	5,925	18.0%
FT-SE 100	0	144	-100.0%	0	0.0%
FTSE Emerging	17	38	-55.3%	0	0.0%
IBOVESPA INDEX	511	551	-7.3%	416	22.8%
NASDAQ BIOTECH	31	1,011	-96.9%	2	1,450.0%
NIFTY 50	0	69	-100.0%	0	-
NIKKEI 225 (\$) STOCK	29,013	56,963	-49.1%	25,224	15.0%
NIKKEI 225 (YEN) STOCK	72,734	82,407	-11.7%	73,197	-0.6%
S&P 500	324,725	143,147	126.8%	298,506	8.8%
S&P 500/GI	10	13	-23.1%	10	0.0%
S&P 500/VALUE	81,834	105,923	-22.7%	75,911	7.8%
S&P 600 SMALLCAP EMINI	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	4,707	7,010	-32.9%	4,778	-1.5%
S&P CONSUMER STAPLES SECT	16,930	22,962	-26.3%	17,201	-1.6%
S&P ENERGY SECTOR	13,626	13,358	2.0%	12,709	7.2%
S&P FINANCIAL SECTOR	16,370	30,228	-45.8%	19,479	-16.0%
S&P HEALTH CARE SECTOR	14,924	7,758	92.4%	14,386	3.7%
S&P INDUSTRIAL SECTOR	16,021	5,396	196.9%	13,899	15.3%
S&P MATERIALS SECTOR	6,865	7,685	-10.7%	6,138	11.8%
S&P TECHNOLOGY SECTOR	9,162	14,029	-34.7%	9,811	-6.6%
S&P UTILITIES SECTOR	18,277	24,281	-24.7%	20,501	-10.8%
YEN DENOMINATED TOPIX	1,044	151	591.4%	359	190.8%

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>Equity Index Options</b>					
E-MINI NASDAQ 100	62,406	79,543	-21.5%	78,065	-20.1%
E-MINI RUSSELL 2000	18,777	18,608	0.9%	6,290	198.5%
E-MINI S&P500	2,457,534	2,661,775	-7.7%	2,072,274	18.6%
EOM E-MINI RUSSELL 2000 END	2,380	6,057	-60.7%	1,537	54.8%
EOM EMINI S&P	496,517	685,646	-27.6%	608,900	-18.5%
EOM S&P 500	26,699	77,430	-65.5%	23,708	12.6%
EOW1 E-MINI RUSSELL 2000 WE	315	1,478	-78.7%	195	61.5%
EOW1 E-MINI RUSSELL 2000 WE	580	2,370	-75.5%	162	258.0%
EOW1 EMINI S&P 500	208,292	304,647	-31.6%	263,430	-20.9%
EOW1 S&P 500	45,900	37,182	23.4%	47,175	-2.7%
EOW2 E-MINI RUSSELL 2000 WE	664	2,248	-70.5%	243	173.3%
EOW2 EMINI S&P 500	177,301	141,766	25.1%	143,327	23.7%
EOW2 S&P 500	20,888	5,392	287.4%	23,773	-12.1%
EOW3 E-MINI RUSSELL 2000 WE	3,088	8,634	-64.2%	2,082	48.3%
EOW3 EMINI S&P 500	374,490	695,344	-46.1%	755,480	-50.4%
EOW3 S&P 500	28,180	73,049	-61.4%	58,574	-51.9%
EOW4 E-MINI RUSSELL 2000 WE	151	572	-73.6%	26	480.8%
EOW4 EMINI S&P 500	64,593	63,402	1.9%	65,414	-1.3%
S&P 500	93,569	193,222	-51.6%	82,635	13.2%

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>FX Futures</b>					
AD/CD CROSS RATES	3	3	0.0%	4	-25.0%
AD/JY CROSS RATES	666	473	40.8%	698	-4.6%
AD/NE CROSS RATES	16	46	-65.2%	18	-11.1%
AUSTRALIAN DOLLAR	133,018	112,230	18.5%	127,860	4.0%
BDI	0	0	-	0	-
BP/JY CROSS RATES	395	645	-38.8%	358	10.3%
BP/SF CROSS RATES	77	180	-57.2%	77	0.0%
BRAZIL REAL	21,441	46,745	-54.1%	14,369	49.2%
BRITISH POUND	201,822	203,354	-0.8%	197,781	2.0%
CANADIAN DOLLAR	150,087	144,561	3.8%	148,656	1.0%
CD/JY CROSS RATES	2	0	-	2	0.0%
CHINESE RENMINBI (CNH)	1,981	1,202	64.8%	2,039	-2.8%
CZECK KORUNA (EC)	2	0	-	4	-50.0%
CZECK KORUNA (US)	0	0	-	0	-
EC/AD CROSS RATES	2,024	1,327	52.5%	1,634	23.9%
EC/CD CROSS RATES	2,167	1,835	18.1%	2,232	-2.9%
EC/NOK CROSS RATES	92	91	1.1%	99	-7.1%
EC/SEK CROSS RATES	700	714	-2.0%	704	-0.6%
EFX/BP CROSS RATES	31,149	35,728	-12.8%	29,675	5.0%
EFX/JY CROSS RATES	25,263	25,725	-1.8%	27,199	-7.1%
EFX/SF CROSS RATES	8,631	14,689	-41.2%	7,966	8.3%
E-MICRO AUD/USD	4,676	3,471	34.7%	2,902	61.1%
E-MICRO CAD/USD	2,858	1,816	57.4%	2,057	38.9%
E-MICRO CHF/USD	251	234	7.3%	213	17.8%
E-MICRO EUR/USD	10,667	14,764	-27.7%	9,408	13.4%
E-MICRO GBP/USD	2,175	6,321	-65.6%	1,700	27.9%
E-MICRO INR/USD	382	794	-51.9%	330	15.8%
E-MICRO JPY/USD	1,410	2,154	-34.5%	1,354	4.1%
E-MINI EURO FX	16,946	14,308	18.4%	15,180	11.6%
E-MINI JAPANESE YEN	945	1,215	-22.2%	915	3.3%
EURO FX	527,164	567,504	-7.1%	531,377	-0.8%
HUNGARIAN FORINT (EC)	0	0	-	0	-
HUNGARIAN FORINT (US)	0	0	-	0	-
INDIAN RUPEE	1,002	1,524	-34.3%	1,504	-33.4%
JAPANESE YEN	198,363	266,080	-25.4%	199,438	-0.5%
KOREAN WON	191	52	267.3%	169	13.0%
MEXICAN PESO	236,088	188,649	25.1%	214,464	10.1%
NEW ZEALND DOLLAR	37,688	58,663	-35.8%	33,454	12.7%
NKR/USD CROSS RATE	1,887	2,047	-7.8%	1,413	33.5%
POLISH ZLOTY (EC)	38	19	100.0%	22	72.7%
POLISH ZLOTY (US)	119	41	190.2%	59	101.7%
RMB USD	1	7	-85.7%	1	0.0%
RUSSIAN RUBLE	50,013	51,474	-2.8%	34,601	44.5%
S.AFRICAN RAND	28,010	14,429	94.1%	23,741	18.0%
SF/JY CROSS RATES	5	0	-	5	0.0%
SHEKEL	0	665	-100.0%	0	-
SKR/USD CROSS RATES	1,524	1,504	1.3%	1,228	24.1%
SWISS FRANC	76,556	68,482	11.8%	66,289	15.5%
TURKISH LIRA	1,425	6,578	-78.3%	1,135	25.6%
USDZAR	0	1	-100.0%	0	-

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>FX Options</b>					
AUD/USD PQO 2pm Fix	67,991	116,643	-41.7%	71,526	-4.9%
AUSTRALIAN DLR (EU)	0	0	-	0	-
AUSTRALIAN DOLLAR	0	0	-	0	-
BRITISH POUND	0	0	-	0	-
BRITISH POUND (EU)	0	295	-100.0%	0	-
CAD/USD PQO 2pm Fix	66,442	87,150	-23.8%	70,057	-5.2%
CANADIAN DOLLAR	0	0	-	0	-
CANADIAN DOLLAR (EU)	0	52	-100.0%	0	-
CHF/USD PQO 2pm Fix	2,958	2,070	42.9%	2,222	33.1%
EFX/BP CROSS RATES	25	0	-	30	-16.7%
EFX/JY CROSS RATES	0	0	0.0%	0	-
EURO FX	0	0	-	0	-
EURO FX (EU)	0	44	-100.0%	0	-
EUR/USD PQO 2pm Fix	261,689	353,537	-26.0%	239,229	9.4%
GBP/USD PQO 2pm Fix	164,137	172,934	-5.1%	167,264	-1.9%
JAPANESE YEN	0	0	-	0	-
JAPANESE YEN (EU)	0	15	-100.0%	0	-
JPY/USD PQO 2pm Fix	120,568	142,300	-15.3%	107,319	12.3%
MEXICAN PESO	3,625	1,883	92.5%	2,595	39.7%
NEW ZEALND DOLLAR	948	0	-	1,195	-20.7%
SWISS FRANC	0	0	-	0	-
SWISS FRANC (EU)	0	0	-	0	-
<b>Foreign Exchange Futures</b>					
CHILEAN PESO	0	2,185	-100.0%	0	-
<b>Foreign Exchange Options</b>					
AUD/USD PQO 2pm Fix	78	34	129.4%	39	100.0%

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>Ag Products Futures</b>					
BUTTER CS	7,492	8,307	-9.8%	7,598	-1.4%
CASH-SETTLED CHEESE	20,574	29,164	-29.5%	22,476	-8.5%
CATTLE	413,788	377,283	9.7%	387,665	6.7%
CDD SEASONAL STRIP	100	0	-	0	-
CDD WEATHER	0	0	-	0	-
CLASS IV MILK	6,661	1,826	264.8%	6,888	-3.3%
DRY WHEY	3,308	3,978	-16.8%	3,307	0.0%
FEEDER CATTLE	52,340	57,928	-9.6%	50,786	3.1%
GOLDMAN SACHS	13,899	14,005	-0.8%	15,134	-8.2%
GSCI EXCESS RETURN FUT	58,472	58,637	-0.3%	58,606	-0.2%
HDD EURO SEASONAL STRIP	0	0	-	0	-
HDD SEASONAL STRIP	50	0	-	50	0.0%
HDD WEATHER	2,050	5,315	-61.4%	1,250	64.0%
HDD WEATHER EUROPEAN	2,000	0	-	2,000	0.0%
HOGS	257,728	233,804	10.2%	217,848	18.3%
HOUSING INDEX	36	31	16.1%	39	-7.7%
LUMBER	2,929	7,045	-58.4%	3,390	-13.6%
MALAYSIAN PALM SWAP	18,516	18,276	1.3%	18,184	1.8%
MILK	22,669	25,481	-11.0%	25,341	-10.5%
MLK MID OPTIONS	0	34	-100.0%	0	0.0%
NFD MILK	8,164	8,116	0.6%	8,062	1.3%
S&P GSCI ENHANCED ER SWAP	3,762	3,762	0.0%	3,762	0.0%
USD CRUDE PALM OIL	4,180	5,090	-17.9%	4,360	-4.1%
<b>Ag Products Options</b>					
BUTTER CS	11,815	9,311	26.9%	11,885	-0.6%
CASH-SETTLED CHEESE	32,623	45,275	-27.9%	33,609	-2.9%
CATTLE	175,275	183,030	-4.2%	179,886	-2.6%
CDD SEASONAL STRIP	0	0	-	0	-
CDD WEATHER	0	0	-	0	-
CLASS IV MILK	10,489	4,296	144.2%	9,165	14.4%
DRY WHEY	2,393	2,786	-14.1%	2,125	12.6%
FEEDER CATTLE	29,683	39,568	-25.0%	34,616	-14.3%
HDD EURO SEASONAL STRIP	500	2,500	-80.0%	500	0.0%
HDD SEASONAL STRIP	9,000	14,000	-35.7%	9,000	0.0%
HDD WEATHER	0	0	-	0	-
HDD WEATHER EUROPEAN	0	0	-	0	-
HOGS	232,972	142,621	63.4%	229,816	1.4%
HOUSING INDEX	0	2	-100.0%	0	-
LUMBER	1,138	1,473	-22.7%	2,293	-50.4%
LV CATL CSO	379	5	7,480.0%	353	7.4%
MILK	68,101	66,582	2.3%	71,830	-5.2%
MLK MID OPTIONS	169	296	-42.9%	177	-4.5%
NFD MILK	22,220	12,015	84.9%	21,029	5.7%

## CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2019	Open Interest FEB 2018	% CHG	Open Interest JAN 2019	% CHG
<b>TOTAL FUTURES GROUP</b>					
Interest Rate Futures	12,661,673	17,018,104	-25.6%	12,521,416	1.1%
Equity Index Futures	4,172,783	4,684,513	-10.9%	4,044,457	3.2%
FX Futures	1,779,920	1,862,344	-4.4%	1,704,334	4.4%
Foreign Exchange Futures	0	2,185	-100.0%	0	-
Ag Products Futures	898,718	858,082	4.7%	836,746	7.4%
<b>TOTAL OPTIONS GROUP</b>					
Interest Rate Options	53,799,197	49,266,729	9.2%	47,480,082	13.3%
Equity Index Options	4,082,324	5,058,365	-19.3%	4,233,290	-3.6%
FX Options	688,383	876,923	-21.5%	661,437	4.1%
Foreign Exchange Options	78	34	129.4%	39	100.0%
Ag Products Options	596,757	523,760	13.9%	606,284	-1.6%
<b>TOTAL OPTIONS</b>	<b>59,166,739</b>	<b>55,725,811</b>	<b>6.2%</b>	<b>52,981,132</b>	<b>11.7%</b>
<b>TOTAL COMBINED</b>					
Interest Rate	66,460,870	66,284,833	0.3%	60,001,498	10.8%
Equity Index	8,255,107	9,742,878	-15.3%	8,277,747	-0.3%
FX	2,468,303	2,739,267	-9.9%	2,365,771	4.3%
Foreign Exchange	78	2,219	-96.5%	39	100.0%
Ag Products	1,495,475	1,381,842	8.2%	1,443,030	3.6%
<b>GRAND TOTAL</b>	<b>78,679,833</b>	<b>80,151,039</b>	<b>-1.8%</b>	<b>72,088,085</b>	<b>9.1%</b>