



CME Exchange Open Interest Report - Monthly

	Open Interest FEB 2023	Open Interest FEB 2022	% CHG	Open Interest JAN 2023	% CHG
Interest Rate Futures					
1-MONTH EURODOLLAR	0	24,400	-100.0%	0	-
BSBY 3-MONTH FUTURES	12,169	23,765	-48.8%	12,672	-4.0%
ESTR Basis Spread Futures	699	0	-	314	122.6%
ESTR Futures	1,218	0	-	771	58.0%
EURODOLLARS	5,709,872	11,274,091	-49.4%	5,879,918	-2.9%
FTIIE	135	185	-27.0%	99	36.4%
SOFR	10,711,400	3,794,319	182.3%	9,787,810	9.4%
SONIA	5,143	9,929	-48.2%	5,153	-0.2%
Interest Rate Options					
EURODOLLARS	8,361,194	25,698,941	-67.5%	8,948,006	-6.6%
EURO MIDCURVE	847,456	12,283,351	-93.1%	935,359	-9.4%
SOFR	32,376,384	806,152	3,916.2%	28,120,046	15.1%
SOFR MIDCURVE	7,831,144	187,454	4,077.6%	5,841,535	34.1%
SOFR MISCURVE	700	0	-	700	0.0%

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Equity Index Futures					
BITCOIN	15,161	11,248	34.8%	17,542	-13.6%
E-mini FTSE China 50	0	36	-100.0%	22	-100.0%
E-MINI MIDCAP	44,760	48,769	-8.2%	42,576	5.1%
E-MINI NASDAQ 100	268,253	251,842	6.5%	278,449	-3.7%
E-MINI RUSSELL 1000	12,765	16,050	-20.5%	12,753	0.1%
E-MINI RUSSELL 1000 GROWTH	4,124	4,702	-12.3%	3,485	18.3%
E-MINI RUSSELL 1000 VALUE	19,222	31,072	-38.1%	18,744	2.6%
E-MINI RUSSELL 2000	451,688	519,869	-13.1%	440,101	2.6%
E-MINI S&P500	2,113,159	2,391,264	-11.6%	2,061,419	2.5%
E-MINI S&P500 ESG	11,815	10,669	10.7%	12,517	-5.6%
ETHER	0	0	-	0	-
ETHER FUTURES	4,126	4,014	2.8%	4,331	-4.7%
FT-SE 100	0	375	-100.0%	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	12	14	-14.3%	23	-47.8%
MICRO BITCOIN	7,822	17,700	-55.8%	5,776	35.4%
MICRO E-MINI NASDAQ 100	179,774	173,794	3.4%	120,271	49.5%
MICRO E-MINI RUSSELL 2000	22,466	36,983	-39.3%	23,052	-2.5%
MICRO E-MINI S&P500	190,191	172,162	10.5%	178,587	6.5%
MICRO ETHER	13,223	48,261	-72.6%	14,183	-6.8%
NASDAQ-100 VOLATILITY	661	79	736.7%	1,695	-61.0%
NASDAQ BIOTECH SECTOR	324	58	458.6%	399	-18.8%
Nearby BTIC+	0	200	-100.0%	0	-
NIKKEI 225 (\$) STOCK	13,042	13,114	-0.5%	14,330	-9.0%
NIKKEI 225 (YEN) STOCK	42,383	50,864	-16.7%	36,496	16.1%
PHLX SEMICONDUCTOR SECTO	213	0	-	72	195.8%
S&P 500	366,079	268,676	36.3%	316,092	15.8%
S&P 500 ANNUAL DIVIDEND IND	180,765	194,373	-7.0%	180,848	0.0%
S&P 500 QUARLY DIVIDEND IND	25,783	16,267	58.5%	23,525	9.6%
S&P BIOTECHNOLOGY SECTOR	580	0	-	477	21.6%
S&P COMMUNICATION SERVICE	2,915	1,806	61.4%	1,854	57.2%
S&P CONSUMER DISCRETIONAR	4,383	5,762	-23.9%	2,986	46.8%
S&P CONSUMER STAPLES SECT	15,417	19,560	-21.2%	15,378	0.3%
S&P ENERGY SECTOR	24,470	38,374	-36.2%	23,741	3.1%
S&P FINANCIAL SECTOR	38,602	29,811	29.5%	26,505	45.6%
S&P HEALTH CARE SECTOR	20,413	21,995	-7.2%	13,640	49.7%
S&P INDUSTRIAL SECTOR	22,842	18,424	24.0%	24,082	-5.1%
S&P MATERIALS SECTOR	6,149	13,081	-53.0%	6,088	1.0%
S&P OIL & GAS EXPLORATION A	66	0	-	62	6.5%
S&P REAL ESTATE SECTOR	12,177	8,059	51.1%	18,530	-34.3%
S&P REGIONAL BANKS SECTOR	32	0	-	24	33.3%
S&P RETAIL SECTOR	48	0	-	59	-18.6%
S&P TECHNOLOGY SECTOR	13,255	12,076	9.8%	12,845	3.2%
S&P UTILITIES SECTOR	22,043	16,703	32.0%	21,558	2.2%
S&P VALUE INDEX FUTURES	0	0	-	0	-
TOPIX (USD)	0	0	-	0	-
TOPIX (YEN)	152	72	111.1%	108	40.7%
WATER INDEX FUTURES	1	39	-97.4%	4	-75.0%

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Equity Index Options					
BITCOIN OPTIONS	7,212	1,266	469.7%	7,181	0.4%
E-MINI NASDAQ 100	168,590	182,453	-7.6%	171,606	-1.8%
E-MINI RUSSELL 2000	36,649	56,458	-35.1%	34,413	6.5%
E-MINI S&P500	4,787,751	4,296,088	11.4%	4,522,440	5.9%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	1,442	0	-	991	45.5%
MICRO BITCOIN	3,225	0	-	12,204	-73.6%
MICRO E-MINI NASDAQ 100	6,230	8,572	-27.3%	4,956	25.7%
Micro E-mini S&P 500	65,360	68,374	-4.4%	58,795	11.2%
MICRO ETHER	16,023	0	-	13,635	17.5%
S&P 500	0	0	-	0	-
FX Futures					
AD/CD CROSS RATES	55	19	189.5%	53	3.8%
AD/JY CROSS RATES	498	429	16.1%	464	7.3%
AD/NE CROSS RATES	2,533	858	195.2%	3,106	-18.4%
AUSTRALIAN DOLLAR	126,681	192,061	-34.0%	136,304	-7.1%
BP/JY CROSS RATES	1,658	1,600	3.6%	1,519	9.2%
BP/SF CROSS RATES	1,175	2,153	-45.4%	2,708	-56.6%
BRAZIL REAL	47,629	110,753	-57.0%	72,096	-33.9%
BRITISH POUND	212,064	194,974	8.8%	196,113	8.1%
CANADIAN DOLLAR	165,097	145,494	13.5%	140,167	17.8%
CD/JY CROSS RATES	3	37	-91.9%	2	50.0%
CHINESE RENMINBI (CNH)	3,392	4,360	-22.2%	3,814	-11.1%
CZECK KORUNA (EC)	2	3	-33.3%	2	0.0%
CZECK KORUNA (US)	2	1	100.0%	12	-83.3%
EC/AD CROSS RATES	1,883	2,053	-8.3%	1,790	5.2%
EC/CD CROSS RATES	4,104	3,951	3.9%	4,348	-5.6%
EC/NOK CROSS RATES	2,092	702	198.0%	1,369	52.8%
EC/SEK CROSS RATES	5,182	743	597.4%	5,379	-3.7%
EFX/BP CROSS RATES	33,028	32,049	3.1%	31,806	3.8%
EFX/JY CROSS RATES	19,986	24,786	-19.4%	20,603	-3.0%
EFX/SF CROSS RATES	13,093	21,119	-38.0%	15,369	-14.8%
E-MICRO USD/CAD	71	39	82.1%	86	-17.4%
E-MICRO USD/CHF	76	31	145.2%	61	24.6%
E-MICRO USD/JPY	62	189	-67.2%	179	-65.4%
E-MINI EURO FX	15,103	17,526	-13.8%	15,545	-2.8%
E-MINI JAPANESE YEN	987	500	97.4%	994	-0.7%
EURO FX	803,963	710,846	13.1%	796,738	0.9%
HUNGARIAN FORINT (EC)	3	0	-	4	-25.0%
HUNGARIAN FORINT (US)	7	0	-	3	133.3%
INDIAN RUPEE	3,346	1,189	181.4%	1,641	103.9%
JAPANESE YEN	200,047	205,215	-2.5%	168,540	18.7%
KOREAN WON	111	310	-64.2%	114	-2.6%
MEXICAN PESO	294,741	165,657	77.9%	285,481	3.2%
MICRO AUD/USD	7,247	9,240	-21.6%	6,140	18.0%
MICRO CAD/USD	4,774	3,606	32.4%	3,826	24.8%
MICRO CHF/USD	1,604	1,203	33.3%	1,447	10.9%
MICRO EUR/USD	16,306	37,122	-56.1%	17,047	-4.3%

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FX Futures					
MICRO GBP/USD	5,203	4,555	14.2%	4,816	8.0%
MICRO INR/USD	13	29	-55.2%	44	-70.5%
MICRO JPY/USD	0	1,545	-100.0%	0	-
MICRO USD/CNH	0	1	-100.0%	0	-
NEW ZEALND DOLLAR	40,006	50,711	-21.1%	34,587	15.7%
NKR/USD CROSS RATE	1,929	1,295	49.0%	865	123.0%
POLISH ZLOTY (EC)	91	178	-48.9%	67	35.8%
POLISH ZLOTY (US)	517	543	-4.8%	531	-2.6%
RMB USD	0	1	-100.0%	4	-100.0%
RUSSIAN RUBLE	0	25,146	-100.0%	0	-
S.AFRICAN RAND	24,496	22,759	7.6%	7,858	211.7%
SF/JY CROSS RATES	785	46	1,606.5%	730	7.5%
SHEKEL	22	0	0.0%	14	57.1%
SKR/USD CROSS RATES	1,811	1,117	62.1%	1,524	18.8%
SWISS FRANC	41,991	47,167	-11.0%	38,345	9.5%
TURKISH LIRA	57	56	1.8%	57	0.0%
USDZAR	6	17	-64.7%	0	-
FX Options					
AUD/USD MONDAY OPTION WEE	18	167	-89.2%	18	0.0%
AUD/USD MONDAY OPTION WEE	0	1,259	-100.0%	4	-100.0%
AUD/USD MONDAY OPTION WEE	6	418	-98.6%	0	-
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	0.0%
AUD/USD MONTHLY OPTIONS	41,198	233,527	-82.4%	39,113	5.3%
AUD/USD WKLY FRIDAY OPTION	0	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	1,337	1,730	-22.7%	636	110.2%
AUD/USD WKLY FRIDAY OPTION	769	1,240	-38.0%	566	35.9%
AUD/USD WKLY FRIDAY OPTION	584	712	-18.0%	558	4.7%
AUD/USD WKLY FRIDAY OPTION	318	0	-	0	-
AUD/USD WKLY WED OPTIONS -	117	954	-87.7%	99	18.2%
AUD/USD WKLY WED OPTIONS -	19	559	-96.6%	14	35.7%
AUD/USD WKLY WED OPTIONS -	4	4	0.0%	4	0.0%
AUD/USD WKLY WED OPTIONS -	8	52	-84.6%	9	-11.1%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	0	501	-100.0%	29	-100.0%
CAD/USD MONDAY OPTIONS WE	203	100	103.0%	125	62.4%
CAD/USD MONDAY OPTIONS WE	1,215	533	128.0%	56	2,069.6%
CAD/USD MONDAY OPTIONS WE	6	20	-70.0%	0	-
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	1	-100.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	0.0%
CAD/USD MONTHLY OPTIONS	186,228	196,968	-5.5%	193,591	-3.8%
CAD/USD WKLY FRIDAY OPTION	0	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	2,050	1,738	18.0%	1,372	49.4%
CAD/USD WKLY FRIDAY OPTION	1,185	2,076	-42.9%	870	36.2%
CAD/USD WKLY FRIDAY OPTION	580	757	-23.4%	648	-10.5%
CAD/USD WKLY FRIDAY OPTION	346	0	-	0	-
CAD/USD WKLY WED OPTIONS -	213	1,765	-87.9%	978	-78.2%
CAD/USD WKLY WED OPTIONS -	266	1,073	-75.2%	110	141.8%
CAD/USD WKLY WED OPTIONS -	1,093	32	3,315.6%	160	583.1%

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FX Options					
CAD/USD WKLY WED OPTIONS -	8	0	-	8	0.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	9,499	14,777	-35.7%	10,809	-12.1%
CHF/USD WKLY FRIDAY OPTION	0	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	158	301	-47.5%	22	618.2%
CHF/USD WKLY FRIDAY OPTION	110	9	1,122.2%	14	685.7%
CHF/USD WKLY FRIDAY OPTION	3	100	-97.0%	1	200.0%
CHF/USD WKLY FRIDAY OPTION	6	0	-	0	-
EUR/GBP MONTHLY OPTIONS	0	200	-100.0%	0	-
EUR/GBP WKLY FRIDAY OPTION	0	0	-	0	-
EURODOLLARS	0	0	-	0	0.0%
EUR/USD MONDAY OPTION WEE	2,676	1,625	64.7%	565	373.6%
EUR/USD MONDAY OPTION WEE	490	1,369	-64.2%	875	-44.0%
EUR/USD MONDAY OPTION WEE	1,381	1,651	-16.4%	0	-
EUR/USD MONDAY OPTION WEE	0	0	0.0%	176	-100.0%
EUR/USD MONDAY OPTION WEE	0	0	-	0	0.0%
EUR/USD MONTHLY OPTIONS	358,484	221,251	62.0%	337,949	6.1%
EUR/USD WKLY FRIDAY OPTION	0	0	-	0	-
EUR/USD WKLY FRIDAY OPTION	7,644	7,730	-1.1%	3,452	121.4%
EUR/USD WKLY FRIDAY OPTION	10,662	1,854	475.1%	5,884	81.2%
EUR/USD WKLY FRIDAY OPTION	1,571	5,257	-70.1%	599	162.3%
EUR/USD WKLY FRIDAY OPTION	241	0	-	0	-
EUR/USD WKLY WED OPTIONS -	3,008	6,507	-53.8%	2,010	49.7%
EUR/USD WKLY WED OPTIONS -	3,924	1,492	163.0%	1,133	246.3%
EUR/USD WKLY WED OPTIONS -	1,477	488	202.7%	530	178.7%
EUR/USD WKLY WED OPTIONS -	1,012	0	-	361	180.3%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	652	424	53.8%	1,144	-43.0%
GBP/USD MONDAY OPTION WEE	934	746	25.2%	700	33.4%
GBP/USD MONDAY OPTION WEE	810	348	132.8%	0	-
GBP/USD MONDAY OPTION WEE	0	0	0.0%	1	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	0.0%
GBP/USD MONTHLY OPTIONS	96,271	105,110	-8.4%	101,959	-5.6%
GBP/USD WKLY FRIDAY OPTION	0	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	2,354	2,810	-16.2%	1,415	66.4%
GBP/USD WKLY FRIDAY OPTION	2,047	1,835	11.6%	750	172.9%
GBP/USD WKLY FRIDAY OPTION	852	1,139	-25.2%	735	15.9%
GBP/USD WKLY FRIDAY OPTION	632	0	-	0	-
GBP/USD WKLY WED OPTIONS -	121	2,397	-95.0%	459	-73.6%
GBP/USD WKLY WED OPTIONS -	1,987	387	413.4%	334	494.9%
GBP/USD WKLY WED OPTIONS -	26	70	-62.9%	0	-
GBP/USD WKLY WED OPTIONS -	71	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	1,003	215	366.5%	80	1,153.8%
JPY/USD MONDAY OPTION WEE	2,628	262	903.1%	809	224.8%
JPY/USD MONDAY OPTION WEE	67	74	-9.5%	0	-
JPY/USD MONDAY OPTION WEE	0	0	0.0%	187	-100.0%
JPY/USD MONDAY OPTION WEE	0	0	-	0	0.0%
JPY/USD MONTHLY OPTIONS	102,742	88,843	15.6%	104,339	-1.5%
JPY/USD WKLY FRIDAY OPTION	0	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	3,808	3,324	14.6%	1,903	100.1%

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FX Options					
JPY/USD WKLY FRIDAY OPTION	1,494	1,498	-0.3%	712	109.8%
JPY/USD WKLY FRIDAY OPTION	467	1,782	-73.8%	1,058	-55.9%
JPY/USD WKLY FRIDAY OPTION	2	0	-	0	-
JPY/USD WKLY WED OPTIONS -	3,995	2,513	59.0%	2,133	87.3%
JPY/USD WKLY WED OPTIONS -	818	592	38.2%	701	16.7%
JPY/USD WKLY WED OPTIONS -	613	507	20.9%	68	801.5%
JPY/USD WKLY WED OPTIONS -	2	0	-	908	-99.8%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	1,450	20,449	-92.9%	1,424	1.8%
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	34	16	112.5%	30,830	-99.9%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	390	-100.0%
Foreign Exchange Futures					
CHILEAN PESO	0	0	-	1	-100.0%
Foreign Exchange Options					
AUD/USD WKLY WED OPTIONS -	4	28	-85.7%	104	-96.2%
OTC AUDUSD SUB	8	0	-	9	-11.1%
OTC EURUSD SUB	150	0	-	75	100.0%
OTC GBPUSD SUB	2	0	-	18	-88.9%
OTC USDCAD SUB	193	0	-	24	704.2%
OTC USDJPY SUB	5	0	-	3	66.7%



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Ag Products Futures					
BLOCK CHEESE	742	1,926	-61.5%	692	7.2%
BUTTER CS	9,873	11,557	-14.6%	9,581	3.0%
CASH-SETTLED CHEESE	21,489	17,653	21.7%	19,770	8.7%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	363,343	358,421	1.4%	313,206	16.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	0	250	-100.0%	0	-
CDD WEATHER	0	0	-	0	-
CLASS IV MILK	7,091	15,307	-53.7%	8,196	-13.5%
DRY WHEY	2,727	2,786	-2.1%	3,002	-9.2%
FEEDER CATTLE	50,707	46,983	7.9%	48,869	3.8%
GOLDMAN SACHS	955	1,566	-39.0%	1,120	-14.7%
GSCI EXCESS RETURN FUT	44,635	65,233	-31.6%	44,635	0.0%
HDD EURO SEASONAL STRIP	2,375	0	-	2,375	0.0%
HDD SEASONAL STRIP	3,900	500	680.0%	3,900	0.0%
HDD WEATHER	5,900	5,275	11.8%	16,650	-64.6%
HDD WEATHER EUROPEAN	7,500	3,725	101.3%	7,975	-6.0%
HOGS	217,279	276,395	-21.4%	215,162	1.0%
HOUSING INDEX	70	23	204.3%	69	1.4%
LUMBER	3,543	2,752	28.7%	3,041	16.5%
MALAYSIAN PALM SWAP	0	0	-	0	-
MILK	26,450	33,561	-21.2%	26,536	-0.3%
MLK MID OPTIONS	0	0	-	0	-
NFD MILK	9,553	10,532	-9.3%	10,144	-5.8%
OTC SP GSCI ER SWAP	32,515	0	-	50	64,930.0%
PACIFIC RIM DAT SS WTHR	0	1,000	-100.0%	0	-
PORK CUTOUT	320	1,563	-79.5%	433	-26.1%
S&P GSCI ENHANCED ER SWAP	0	1,001	-100.0%	0	-
USD CRUDE PALM OIL	46,876	48,321	-3.0%	48,017	-2.4%



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Ag Products Options					
BLOCK CHEESE	260	600	-56.7%	213	22.1%
BUTTER CS	6,661	8,786	-24.2%	6,796	-2.0%
CASH-SETTLED CHEESE	27,612	28,766	-4.0%	29,323	-5.8%
CATTLE	251,910	179,074	40.7%	245,388	2.7%
CDD SEASONAL STRIP	18,000	500	3,500.0%	0	-
CDD WEATHER	48,000	0	-	0	-
CLASS IV MILK	34,355	32,503	5.7%	35,297	-2.7%
DRY WHEY	1,300	281	362.6%	1,549	-16.1%
FEEDER CATTLE	53,867	42,097	28.0%	42,432	26.9%
HDD EURO SEASONAL STRIP	6,750	2,000	237.5%	6,750	0.0%
HDD SEASONAL STRIP	4,000	23,920	-83.3%	4,000	0.0%
HDD WEATHER	25,200	2,500	908.0%	26,700	-5.6%
HDD WEATHER EUROPEAN	20,000	1,000	1,900.0%	10,000	100.0%
HOGS	237,195	264,105	-10.2%	249,870	-5.1%
LUMBER	12	321	-96.3%	281	-95.7%
LV CATL CSO	30	0	-	25	20.0%
MILK	97,240	94,219	3.2%	105,533	-7.9%
MLK MID OPTIONS	10	26	-61.5%	7	42.9%
NFD MILK	14,448	14,317	0.9%	13,448	7.4%
PORK CUTOUT	0	0	-	2	-100.0%
TOTAL FUTURES GROUP					
Interest Rate Futures	16,440,636	15,126,689	8.7%	15,686,737	4.8%
Equity Index Futures	4,171,356	4,468,217	-6.6%	3,975,229	4.9%
FX Futures	2,105,532	2,045,984	2.9%	2,024,312	4.0%
Foreign Exchange Futures	0	0	-	1	-100.0%
Ag Products Futures	857,843	906,330	-5.3%	783,423	9.5%
TOTAL FUTURES	23,575,367	22,547,220	4.6%	22,469,702	4.9%
TOTAL OPTIONS GROUP					
Interest Rate Options	49,416,878	38,975,898	26.8%	43,845,646	12.7%
Equity Index Options	5,092,482	4,613,211	10.4%	4,826,221	5.5%
FX Options	865,997	946,137	-8.5%	856,388	1.1%
Foreign Exchange Options	362	28	1,192.9%	233	55.4%
Ag Products Options	846,850	695,015	21.8%	777,614	8.9%
TOTAL OPTIONS	56,222,569	45,230,289	24.3%	50,306,102	11.8%
TOTAL COMBINED					
Interest Rate	65,857,514	54,102,587	21.7%	59,532,383	10.6%
Equity Index	9,263,838	9,081,428	2.0%	8,801,450	5.3%
FX	2,971,529	2,992,121	-0.7%	2,880,700	3.2%
Foreign Exchange	362	28	1,192.9%	234	54.7%
Ag Products	1,704,693	1,601,345	6.5%	1,561,037	9.2%
GRAND TOTAL	79,797,936	67,777,509	17.7%	72,775,804	9.6%

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