

CME Exchange Open Interest Report - Monthly

	Open Interest NOV 2022	Open Interest NOV 2021	% CHG	Open Interest OCT 2022	% CHG
Interest Rate Futures					
1-MONTH EURODOLLAR	6,004	2	300,100.0%	12,000	-50.0%
BSBY 3-MONTH FUTURES	15,046	12,381	21.5%	13,316	13.0%
ESTR Basis Spread Futures	328	0	-	9	3,544.4%
ESTR Futures	469	0	-	9	5,111.1%
EURODOLLARS	7,255,847	12,207,541	-40.6%	7,929,580	-8.5%
SOFR	8,967,624	1,607,184	458.0%	8,096,473	10.8%
SONIA	7,073	10,999	-35.7%	7,073	0.0%
TIIE	91	120	-24.2%	116	-21.6%
Interest Rate Options					
EURODOLLARS	17,018,625	19,130,842	-11.0%	18,140,050	-6.2%
EURO MIDCURVE	2,916,801	16,944,028	-82.8%	3,206,246	-9.0%
SOFR	17,642,652	2,891	610,161.2%	13,851,146	27.4%
SOFR MIDCURVE	4,215,198	10	42,151,880.0%	3,906,868	7.9%

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Equity Index Futures					
BITCOIN	16,402	13,197	24.3%	13,163	24.6%
E-mini FTSE China 50	0	3	-100.0%	0	0.0%
E-MINI MIDCAP	43,314	40,778	6.2%	48,562	-10.8%
E-MINI NASDAQ 100	256,803	258,476	-0.6%	283,319	-9.4%
E-MINI RUSSELL 1000	10,859	17,133	-36.6%	10,857	0.0%
E-MINI RUSSELL 1000 GROWTH	3,462	3,234	7.1%	6,565	-47.3%
E-MINI RUSSELL 1000 VALUE	19,076	27,065	-29.5%	15,877	20.1%
E-MINI RUSSELL 2000	483,060	469,680	2.8%	516,019	-6.4%
E-MINI S&P500	2,345,292	2,510,714	-6.6%	2,353,982	-0.4%
E-MINI S&P500 ESG	14,775	13,107	12.7%	14,574	1.4%
ETHER	0	0	-	0	-
ETHER FUTURES	5,125	4,981	2.9%	4,416	16.1%
FT-SE 100	0	366	-100.0%	0	-
FTSE Emerging	0	0	-	0	-
IBOVESPA INDEX	16	32	-50.0%	17	-5.9%
MICRO BITCOIN	11,733	16,817	-30.2%	26,326	-55.4%
MICRO E-MINI NASDAQ 100	121,214	130,883	-7.4%	132,854	-8.8%
MICRO E-MINI RUSSELL 2000	24,794	51,408	-51.8%	24,582	0.9%
MICRO E-MINI S&P500	217,108	191,030	13.7%	172,083	26.2%
MICRO ETHER	19,300	0	-	51,055	-62.2%
NASDAQ-100 VOLATILITY	9	0	-	21	-57.1%
NASDAQ BIOTECH SECTOR	259	273	-5.1%	223	16.1%
Nearby BTIC+	0	0	-	0	0.0%
NIKKEI 225 (\$) STOCK	15,739	17,463	-9.9%	12,969	21.4%
NIKKEI 225 (YEN) STOCK	48,410	52,198	-7.3%	50,717	-4.5%
PHLX SEMICONDUCTOR SECTO	237	0	-	255	-7.1%
S&P 500	365,653	256,916	42.3%	353,200	3.5%
S&P 500 ANNUAL DIVIDEND IND	274,800	234,974	16.9%	270,946	1.4%
S&P 500/GI	0	0	-	0	-
S&P 500 QUARLY DIVIDEND IND	16,205	14,926	8.6%	12,142	33.5%
S&P 600 SMALLCAP EMINI	0	0	-	0	-
S&P BIOTECHNOLOGY SECTOR	500	0	-	134	273.1%
S&P COMMUNICATION SERVICE	3,503	3,853	-9.1%	2,926	19.7%
S&P CONSUMER DISCRETIONAR	4,104	3,396	20.8%	4,414	-7.0%
S&P CONSUMER STAPLES SECT	16,544	24,864	-33.5%	14,149	16.9%
S&P ENERGY SECTOR	32,767	31,935	2.6%	31,461	4.2%
S&P FINANCIAL SECTOR	25,229	32,958	-23.5%	24,793	1.8%
S&P HEALTH CARE SECTOR	15,297	24,928	-38.6%	13,883	10.2%
S&P INDUSTRIAL SECTOR	22,702	14,897	52.4%	13,299	70.7%
S&P MATERIALS SECTOR	7,644	15,498	-50.7%	7,059	8.3%
S&P OIL & GAS EXPLORATION A	112	0	-	71	57.7%
S&P REAL ESTATE SECTOR	6,058	6,401	-5.4%	5,761	5.2%
S&P REGIONAL BANKS SECTOR	50	0	-	145	-65.5%
S&P RETAIL SECTOR	60	0	-	59	1.7%
S&P TECHNOLOGY SECTOR	11,507	13,815	-16.7%	10,746	7.1%
S&P UTILITIES SECTOR	17,977	22,701	-20.8%	12,375	45.3%
S&P VALUE INDEX FUTURES	0	380	-100.0%	0	-
WATER INDEX FUTURES	1	1	0.0%	0	-
YEN DENOMINATED TOPIX	155	245	-36.7%	123	26.0%

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Equity Index Options					
BITCOIN OPTIONS	6,263	971	545.0%	3,724	68.2%
E-MINI NASDAQ 100	178,747	179,852	-0.6%	178,440	0.2%
E-mini Russell 2000	13,455	25,424	-47.1%	26,511	-49.2%
E-MINI RUSSELL 2000	25,345	40,989	-38.2%	19,441	30.4%
E-mini S&P 500	2,223,650	1,805,138	23.2%	2,390,827	-7.0%
E-MINI S&P500	2,747,699	2,457,773	11.8%	2,425,857	13.3%
EOM S&P 500	0	0	-	0	-
ETHER OPTIONS	409	0	-	354	15.5%
MICRO BITCOIN	2,920	0	-	4,044	-27.8%
Micro E-mini Nasdaq-100	2,605	3,846	-32.3%	2,832	-8.0%
MICRO E-MINI NASDAQ 100	3,466	3,622	-4.3%	2,516	37.8%
Micro E-mini S&P 500	64,457	72,457	-11.0%	52,402	23.0%
MICRO ETHER	54,039	0	-	74,959	-27.9%
S&P 500	0	0	-	0	-
FX Futures					
AD/CD CROSS RATES	28	31	-9.7%	46	-39.1%
AD/JY CROSS RATES	932	675	38.1%	977	-4.6%
AD/NE CROSS RATES	8,223	122	6,640.2%	8,740	-5.9%
AUSTRALIAN DOLLAR	160,181	201,981	-20.7%	169,665	-5.6%
BP/JY CROSS RATES	1,685	912	84.8%	2,078	-18.9%
BP/SF CROSS RATES	2,936	577	408.8%	2,840	3.4%
BRAZIL REAL	34,221	41,101	-16.7%	58,851	-41.9%
BRITISH POUND	226,793	230,423	-1.6%	248,614	-8.8%
CANADIAN DOLLAR	131,732	148,375	-11.2%	143,984	-8.5%
CD/JY CROSS RATES	53	74	-28.4%	73	-27.4%
CHINESE RENMINBI (CNH)	8,386	3,599	133.0%	9,497	-11.7%
CZECK KORUNA (EC)	0	0	-	0	-
CZECK KORUNA (US)	20	2	900.0%	4	400.0%
EC/AD CROSS RATES	2,668	2,136	24.9%	2,692	-0.9%
EC/CD CROSS RATES	3,871	4,968	-22.1%	3,984	-2.8%
EC/NOK CROSS RATES	3,386	644	425.8%	3,432	-1.3%
EC/SEK CROSS RATES	1,527	728	109.8%	1,695	-9.9%
EFX/BP CROSS RATES	29,961	32,927	-9.0%	30,477	-1.7%
EFX/JY CROSS RATES	19,544	26,533	-26.3%	20,335	-3.9%
EFX/SF CROSS RATES	11,430	19,568	-41.6%	12,752	-10.4%
E-MICRO USD/CAD	36	504	-92.9%	19	89.5%
E-MICRO USD/CHF	13	5	160.0%	13	0.0%
E-MICRO USD/JPY	118	152	-22.4%	191	-38.2%
E-MINI EURO FX	13,916	20,213	-31.2%	12,286	13.3%
E-MINI JAPANESE YEN	4,731	753	528.3%	4,757	-0.5%
EURO FX	698,974	705,409	-0.9%	669,995	4.3%
HUNGARIAN FORINT (EC)	1	0	-	1	0.0%
HUNGARIAN FORINT (US)	5	5	0.0%	1	400.0%
INDIAN RUPEE	1,222	1,512	-19.2%	1,632	-25.1%
JAPANESE YEN	230,493	216,692	6.4%	265,851	-13.3%
KOREAN WON	156	477	-67.3%	118	32.2%
MEXICAN PESO	305,563	195,719	56.1%	278,046	9.9%
MICRO AUD/USD	5,559	9,821	-43.4%	3,581	55.2%

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FX Futures					
MICRO CAD/USD	4,768	2,433	96.0%	3,536	34.8%
MICRO CHF/USD	2,172	2,185	-0.6%	1,649	31.7%
MICRO EUR/USD	26,323	30,128	-12.6%	26,080	0.9%
MICRO GBP/USD	5,978	4,608	29.7%	5,489	8.9%
MICRO INR/USD	25	16	56.3%	31	-19.4%
MICRO JPY/USD	0	2,241	-100.0%	0	-
MICRO USD/CNH	0	0	-	0	-
NEW ZEALND DOLLAR	46,042	49,483	-7.0%	48,218	-4.5%
NKR/USD CROSS RATE	641	1,471	-56.4%	768	-16.5%
POLISH ZLOTY (EC)	81	162	-50.0%	75	8.0%
POLISH ZLOTY (US)	637	568	12.1%	519	22.7%
RMB USD	0	0	-	0	-
RUSSIAN RUBLE	3	49,870	-100.0%	3	0.0%
S.AFRICAN RAND	18,726	14,109	32.7%	21,751	-13.9%
SF/JY CROSS RATES	1,598	30	5,226.7%	1,623	-1.5%
SHEKEL	17	16	6.3%	19	-10.5%
SKR/USD CROSS RATES	2,622	1,028	155.1%	1,943	34.9%
SWISS FRANC	39,879	50,543	-21.1%	49,804	-19.9%
TURKISH LIRA	26	69	-62.3%	75	-65.3%
USDZAR	0	19	-100.0%	0	-
FX Options					
AUD/USD MONDAY OPTION WEE	26	1,963	-98.7%	4	550.0%
AUD/USD MONDAY OPTION WEE	1	92	-98.9%	8	-87.5%
AUD/USD MONDAY OPTION WEE	0	106	-100.0%	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	0	-
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%
AUD/USD MONTHLY OPTIONS	62,024	188,098	-67.0%	59,497	4.2%
AUD/USD WKLY FRIDAY OPTION	763	0	-	0	-
AUD/USD WKLY FRIDAY OPTION	0	1,034	-100.0%	737	-100.0%
AUD/USD WKLY FRIDAY OPTION	605	1,218	-50.3%	324	86.7%
AUD/USD WKLY FRIDAY OPTION	323	857	-62.3%	278	16.2%
AUD/USD WKLY FRIDAY OPTION	252	494	-49.0%	0	-
AUD/USD WKLY WED OPTIONS -	14	792	-98.2%	338	-95.9%
AUD/USD WKLY WED OPTIONS -	316	167	89.2%	53	496.2%
AUD/USD WKLY WED OPTIONS -	5	50	-90.0%	5	0.0%
AUD/USD WKLY WED OPTIONS -	0	191	-100.0%	4	-100.0%
AUD/USD WKLY WED OPTIONS -	0	0	-	0	-
BRL/USD MONTHLY OPTIONS	235	553	-57.5%	10	2,250.0%
CAD/USD MONDAY OPTIONS WE	856	1,444	-40.7%	685	25.0%
CAD/USD MONDAY OPTIONS WE	126	250	-49.6%	207	-39.1%
CAD/USD MONDAY OPTIONS WE	0	126	-100.0%	100	-100.0%
CAD/USD MONDAY OPTIONS WE	0	0	-	0	-
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%
CAD/USD MONTHLY OPTIONS	214,745	181,045	18.6%	197,242	8.9%
CAD/USD WKLY FRIDAY OPTION	3,097	0	-	0	-
CAD/USD WKLY FRIDAY OPTION	0	3,375	-100.0%	1,678	-100.0%
CAD/USD WKLY FRIDAY OPTION	1,274	1,892	-32.7%	891	43.0%
CAD/USD WKLY FRIDAY OPTION	260	682	-61.9%	354	-26.6%
CAD/USD WKLY FRIDAY OPTION	4	120	-96.7%	0	-

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FX Options					
CAD/USD WKLY WED OPTIONS -	707	1,991	-64.5%	465	52.0%
CAD/USD WKLY WED OPTIONS -	229	1,032	-77.8%	782	-70.7%
CAD/USD WKLY WED OPTIONS -	10	1,182	-99.2%	236	-95.8%
CAD/USD WKLY WED OPTIONS -	0	84	-100.0%	4	-100.0%
CAD/USD WKLY WED OPTIONS -	0	0	-	0	-
CHF/USD MONTHLY OPTIONS	13,131	19,946	-34.2%	10,338	27.0%
CHF/USD WKLY FRIDAY OPTION	164	0	-	0	-
CHF/USD WKLY FRIDAY OPTION	0	1,019	-100.0%	1	-100.0%
CHF/USD WKLY FRIDAY OPTION	187	31	503.2%	0	-
CHF/USD WKLY FRIDAY OPTION	139	152	-8.6%	1	13,800.0%
CHF/USD WKLY FRIDAY OPTION	83	3	2,666.7%	0	-
EUR/GBP MONTHLY OPTIONS	0	0	-	0	-
EUR/GBP WKLY FRIDAY OPTION	0	100	-100.0%	0	-
EURODOLLARS	0	0	-	0	0.0%
EUR/USD MONDAY OPTION WEE	142	596	-76.2%	2,570	-94.5%
EUR/USD MONDAY OPTION WEE	54	156	-65.4%	686	-92.1%
EUR/USD MONDAY OPTION WEE	225	1	22,400.0%	2	11,150.0%
EUR/USD MONDAY OPTION WEE	0	138	-100.0%	0	-
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%
EUR/USD MONTHLY OPTIONS	351,823	215,396	63.3%	380,083	-7.4%
EUR/USD WKLY FRIDAY OPTION	11,400	0	-	3	#####
EUR/USD WKLY FRIDAY OPTION	0	7,261	-100.0%	5,155	-100.0%
EUR/USD WKLY FRIDAY OPTION	5,228	8,260	-36.7%	1,307	300.0%
EUR/USD WKLY FRIDAY OPTION	1,151	917	25.5%	524	119.7%
EUR/USD WKLY FRIDAY OPTION	7	163	-95.7%	0	-
EUR/USD WKLY WED OPTIONS -	2,810	4,946	-43.2%	6,144	-54.3%
EUR/USD WKLY WED OPTIONS -	1,711	2,246	-23.8%	2,372	-27.9%
EUR/USD WKLY WED OPTIONS -	311	508	-38.8%	21	1,381.0%
EUR/USD WKLY WED OPTIONS -	0	58	-100.0%	63	-100.0%
EUR/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	0	225	-100.0%	252	-100.0%
GBP/USD MONDAY OPTION WEE	5	196	-97.4%	8	-37.5%
GBP/USD MONDAY OPTION WEE	0	6	-100.0%	1	-100.0%
GBP/USD MONDAY OPTION WEE	0	0	-	0	-
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%
GBP/USD MONTHLY OPTIONS	119,193	101,701	17.2%	119,106	0.1%
GBP/USD WKLY FRIDAY OPTION	1,342	0	-	0	-
GBP/USD WKLY FRIDAY OPTION	0	4,461	-100.0%	1,519	-100.0%
GBP/USD WKLY FRIDAY OPTION	1,181	2,135	-44.7%	508	132.5%
GBP/USD WKLY FRIDAY OPTION	599	1,108	-45.9%	529	13.2%
GBP/USD WKLY FRIDAY OPTION	492	503	-2.2%	0	-
GBP/USD WKLY WED OPTIONS -	436	1,128	-61.3%	1,701	-74.4%
GBP/USD WKLY WED OPTIONS -	10	594	-98.3%	14	-28.6%
GBP/USD WKLY WED OPTIONS -	2	593	-99.7%	26	-92.3%
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
GBP/USD WKLY WED OPTIONS -	0	0	-	0	-
JPY/USD MONDAY OPTION WEE	44	120	-63.3%	143	-69.2%
JPY/USD MONDAY OPTION WEE	510	94	442.6%	263	93.9%
JPY/USD MONDAY OPTION WEE	100	32	212.5%	0	-
JPY/USD MONDAY OPTION WEE	0	63	-100.0%	0	-
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%

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FX Options					
JPY/USD MONTHLY OPTIONS	134,418	89,298	50.5%	172,017	-21.9%
JPY/USD WKLY FRIDAY OPTION	5,735	0	-	0	-
JPY/USD WKLY FRIDAY OPTION	0	1,970	-100.0%	2,550	-100.0%
JPY/USD WKLY FRIDAY OPTION	4,227	1,438	193.9%	1,631	159.2%
JPY/USD WKLY FRIDAY OPTION	410	923	-55.6%	814	-49.6%
JPY/USD WKLY FRIDAY OPTION	21	310	-93.2%	0	-
JPY/USD WKLY WED OPTIONS -	1,594	5,079	-68.6%	5,555	-71.3%
JPY/USD WKLY WED OPTIONS -	1,194	872	36.9%	1,894	-37.0%
JPY/USD WKLY WED OPTIONS -	0	816	-100.0%	249	-100.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	19	-100.0%
JPY/USD WKLY WED OPTIONS -	0	0	-	0	-
MXN/USD MONTHLY OPTIONS	2,277	1,008	125.9%	1,388	64.0%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	300	-100.0%	0	-
MXN/USD WKLY FRIDAY OPTION	100	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	-
NZD/USD MONTHLY OPTIONS	9,767	304	3,112.8%	9,765	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	-
RUB/USD MONTHLY OPTIONS	0	0	-	0	-
Foreign Exchange Futures					
CHILEAN PESO	0	0	-	0	-
Foreign Exchange Options					
AUD/USD WKLY WED OPTIONS -	5	521	-99.0%	4	25.0%

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Ag Products Futures					
BLOCK CHEESE	819	2,951	-72.2%	823	-0.5%
BUTTER CS	9,896	8,640	14.5%	9,806	0.9%
CASH-SETTLED CHEESE	17,783	22,325	-20.3%	19,072	-6.8%
CAT ASIA WEATHER	0	0	-	0	-
CATTLE	293,182	310,096	-5.5%	293,789	-0.2%
CAT WEATHER EUROPEAN	0	0	-	0	-
CDD SEASONAL STRIP	0	0	-	0	-
CDD WEATHER	0	0	-	0	-
CLASS IV MILK	11,981	10,685	12.1%	13,321	-10.1%
DRY WHEY	2,732	3,464	-21.1%	2,940	-7.1%
FEEDER CATTLE	49,320	39,832	23.8%	46,823	5.3%
GOLDMAN SACHS	1,082	1,539	-29.7%	1,178	-8.1%
GSCI EXCESS RETURN FUT	48,307	57,645	-16.2%	48,307	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	12,575	10,400	20.9%	9,025	39.3%
HDD WEATHER EUROPEAN	4,050	7,450	-45.6%	3,800	6.6%
HOGS	192,554	228,719	-15.8%	194,600	-1.1%
HOUSING INDEX	58	40	45.0%	69	-15.9%
LUMBER	2,967	1,971	50.5%	2,116	40.2%
MALAYSIAN PALM SWAP	0	12,080	-100.0%	0	-
MILK	26,376	27,802	-5.1%	27,885	-5.4%
MLK MID OPTIONS	1	0	-	0	-
NFD MILK	10,417	9,537	9.2%	9,783	6.5%
PACIFIC RIM DAT SS WTHR	0	1,000	-100.0%	0	-
PORK CUTOUT	680	699	-2.7%	773	-12.0%
S&P GSCI ENHANCED ER SWAP	0	1,001	-100.0%	0	-
USD CRUDE PALM OIL	45,678	42,995	6.2%	47,878	-4.6%

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Ag Products Options					
BLOCK CHEESE	409	1,003	-59.2%	1,124	-63.6%
BUTTER CS	4,920	7,552	-34.9%	7,116	-30.9%
CASH-SETTLED CHEESE	29,539	17,781	66.1%	35,805	-17.5%
CATTLE	237,572	195,837	21.3%	218,324	8.8%
CDD SEASONAL STRIP	0	0	-	0	-
CDD WEATHER	0	0	-	0	-
CLASS IV MILK	35,808	25,024	43.1%	43,322	-17.3%
DRY WHEY	1,810	976	85.5%	2,287	-20.9%
FEEDER CATTLE	33,402	20,043	66.7%	34,316	-2.7%
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	8,100	1,000	710.0%	8,000	1.2%
HDD WEATHER EUROPEAN	1,000	14,500	-93.1%	1,000	0.0%
HOGS	243,532	223,862	8.8%	217,390	12.0%
HOUSING INDEX	0	0	-	0	-
LUMBER	138	524	-73.7%	3	4,500.0%
LV CATL CSO	0	0	-	0	-
MILK	99,995	96,780	3.3%	109,434	-8.6%
MLK MID OPTIONS	6	15	-60.0%	11	-45.5%
NFD MILK	11,926	11,763	1.4%	15,515	-23.1%
PORK CUTOUT	10	1	900.0%	0	-
TOTAL FUTURES GROUP					
Interest Rate Futures	16,252,482	13,838,227	17.4%	16,058,576	1.2%
Equity Index Futures	4,477,855	4,521,526	-1.0%	4,516,122	-0.8%
FX Futures	2,057,902	2,075,617	-0.9%	2,118,810	-2.9%
Foreign Exchange Futures	0	0	-	0	-
Ag Products Futures	736,733	801,371	-8.1%	738,263	-0.2%
TOTAL FUTURES	23,524,972	21,236,741	10.8%	23,431,771	0.4%
TOTAL OPTIONS GROUP					
Interest Rate Options	41,793,276	36,077,771	15.8%	39,104,310	6.9%
Equity Index Options	5,323,055	4,590,072	16.0%	5,181,907	2.7%
FX Options	958,095	866,012	10.6%	993,124	-3.5%
Foreign Exchange Options	5	521	-99.0%	4	25.0%
Ag Products Options	718,917	642,581	11.9%	704,397	2.1%
TOTAL OPTIONS	48,793,348	42,176,957	15.7%	45,983,742	6.1%
TOTAL COMBINED					
Interest Rate	58,045,758	49,915,998	16.3%	55,162,886	5.2%
Equity Index	9,800,910	9,111,598	7.6%	9,698,029	1.1%
FX	3,015,997	2,941,629	2.5%	3,111,934	-3.1%
Foreign Exchange	5	521	-99.0%	4	25.0%
Ag Products	1,455,650	1,443,952	0.8%	1,442,660	0.9%
GRAND TOTAL	72,318,320	63,413,698	14.0%	69,415,513	4.2%