

CME Exchange Volume Report - Monthly

	VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
Interest Rate Futures								
EURODOLLARS	49,599,779	84,793,091	-41.5%	52,213,924	-5.0%	593,015,446	593,138,679	0.0%
1-MONTH EURODOLLAR	4,420	2,171	103.6%	2,091	111.4%	54,375	12,883	322.1%
2YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
3YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
EURO 5YR BUNDLE	0	0	0.0%	0	-	0	0	0.0%
Interest Rate Options								
EURODOLLARS	10,297,198	16,271,167	-36.7%	11,729,078	-12.2%	142,670,009	158,615,092	-10.1%
EURO MIDCURVE	18,023,786	21,245,224	-15.2%	21,492,066	-16.1%	178,132,963	123,153,779	44.6%
Equity Index Futures								
E-MINI S&P500	27,662,136	38,249,951	-27.7%	24,444,346	13.2%	334,997,655	436,530,741	-23.3%
S&P 500	78,261	111,981	-30.1%	65,559	19.4%	1,314,720	1,951,437	-32.6%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%
E-MINI MIDCAP	282,517	352,772	-19.9%	229,221	23.3%	3,874,871	4,867,506	-20.4%
S&P 400 MIDCAP	0	0	0.0%	0	-	0	0	0.0%
S&P 500 GROWTH	1	11	-90.9%	18	-94.4%	251	231	8.7%
S&P 500/VALUE	12,212	9,892	23.5%	21,376	-42.9%	210,658	114,964	83.2%
E-MINI RUSSELL 2000	2,252,563	0	-	1,717,176	31.2%	7,706,673	0	-
E-MINI RUSSELL 1000	8,359	75	11,045.3%	5,413	54.4%	44,963	4,229	963.2%
E-MINI NASDAQ 100	6,481,711	5,396,722	20.1%	5,498,937	17.9%	63,032,960	61,274,303	2.9%
NASDAQ	0	0	0.0%	0	-	0	0	0.0%
NIKKEI 225 (\$) STOCK	425,097	292,242	45.5%	245,441	73.2%	3,026,782	3,980,508	-24.0%
NIKKEI 225 (YEN) STOCK	1,150,666	1,324,094	-13.1%	872,819	31.8%	10,097,994	13,751,590	-26.6%
NASDAQ BIOTECH	358	478	-25.1%	100	258.0%	3,607	868	315.6%
S&P MATERIALS SECTOR	9,302	13,552	-31.4%	6,748	37.8%	93,873	73,397	27.9%
S&P UTILITIES SECTOR	13,525	23,443	-42.3%	11,368	19.0%	283,247	267,509	5.9%
S&P HEALTH CARE SECTOR	5,605	19,886	-71.8%	5,333	5.1%	163,830	130,281	25.8%
S&P CONSUMER DSCRTNRY SE	3,954	14,688	-73.1%	6,622	-40.3%	78,189	133,205	-41.3%
S&P TECHNOLOGY SECTOR	7,360	5,034	46.2%	5,043	45.9%	105,614	69,187	52.7%
S&P CONSUMER STAPLES SECT	6,780	18,325	-63.0%	11,311	-40.1%	169,557	293,408	-42.2%
S&P ENERGY SECTOR	8,082	17,384	-53.5%	6,779	19.2%	170,718	123,338	38.4%
S&P FINANCIAL SECTOR	14,687	21,296	-31.0%	11,815	24.3%	306,588	144,136	112.7%
S&P INDUSTRIAL SECTOR	7,495	26,933	-72.2%	6,314	18.7%	95,024	112,635	-15.6%
E-MICRO NIFTY	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	590	729	-19.1%	1,253	-52.9%	7,250	7,931	-8.6%
FT-SE 100	1,173	607	93.2%	799	46.8%	6,703	7,042	-4.8%
E-MINI RUSSELL 1000 VALUE	16,001	90	17,678.9%	12,117	32.1%	81,874	8,194	899.2%
E-MINI S&P REAL ESTATE SELE	1,630	4,968	-67.2%	4,389	-62.9%	62,621	6,535	858.2%
NIFTY 50	14,369	11,098	29.5%	14,123	1.7%	131,490	115,169	14.2%
E-MINI RUSSELL 1000 GROWTH	8,016	120	6,580.0%	4,937	62.4%	39,774	2,746	1,348.4%
E-mini FTSE 100 (USD)	1,093	2	54,550.0%	593	84.3%	2,072	375	452.5%
FTSE Emerging	266	63	322.2%	187	42.2%	722	1,487	-51.4%
E-mini FTSE China 50	4,404	1,581	178.6%	1,842	139.1%	19,291	10,164	89.8%

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Equity Index Options								
E-MINI S&P500	5,432,762	5,434,665	0.0%	3,657,995	48.5%	46,793,813	54,085,375	-13.5%
S&P 500	435,685	375,320	16.1%	275,881	57.9%	3,574,688	5,405,511	-33.9%
E-MINI MIDCAP	0	0	0.0%	0	0.0%	0	17	-100.0%
E-MINI RUSSELL 2000	19,153	0	-	12,380	54.7%	41,359	0	-
E-MINI NASDAQ 100	351,587	200,488	75.4%	292,479	20.2%	2,691,520	2,405,403	11.9%
NASDAQ	0	0	0.0%	0	-	0	0	0.0%
EOM S&P 500	278,004	160,586	73.1%	217,950	27.6%	2,110,848	1,897,310	11.3%
EOM EMINI S&P	2,316,604	2,216,164	4.5%	1,962,598	18.0%	22,235,291	18,614,562	19.5%
EOW1 S&P 500	108,008	44,233	144.2%	104,396	3.5%	982,064	669,450	46.7%
EOW1 EMINI S&P 500	1,246,815	1,038,385	20.1%	1,082,551	15.2%	11,805,588	10,996,213	7.4%
EOW2 S&P 500	243,522	134,589	80.9%	206,966	17.7%	1,911,618	1,425,200	34.1%
EOW2 EMINI S&P 500	1,214,931	1,907,664	-36.3%	916,206	32.6%	11,746,518	12,106,035	-3.0%
EOW4 EMINI S&P 500	892,935	746,612	19.6%	1,083,350	-17.6%	10,536,427	11,943,035	-11.8%
EOW3 EMINI S&P 500	2,992,790	4,197,884	-28.7%	3,490,647	-14.3%	37,057,376	24,290,975	52.6%
EOW3 S&P 500	340,297	396,502	-14.2%	469,573	-27.5%	3,984,497	2,869,345	38.9%
EOM E-MINI RUSSELL 2000 END	3,493	0	-	1,678	108.2%	15,018	0	-
EOW4 E-MINI RUSSELL 2000 WE	3,109	0	-	5,357	-42.0%	11,558	0	-
EOW3 E-MINI RUSSELL 2000 WE	12,044	0	-	20,186	-40.3%	55,382	0	-
EOW1 E-MINI RUSSELL 2000 WE	1,641	0	-	2,456	-33.2%	6,576	0	-
EOW2 E-MINI RUSSELL 2000 WE	4,977	0	-	4,268	16.6%	11,645	0	-
EOW1 E-MINI RUSSELL 2000 WE	1,764	0	-	2,650	-33.4%	6,625	0	-

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FX Futures								
AUSTRALIAN DOLLAR	1,980,249	2,314,964	-14.5%	2,250,564	-12.0%	22,087,850	23,563,726	-6.3%
BRITISH POUND	2,940,816	2,678,638	9.8%	2,570,933	14.4%	28,082,236	26,618,220	5.5%
BRAZIL REAL	99,341	91,708	8.3%	137,989	-28.0%	1,054,120	926,435	13.8%
CANADIAN DOLLAR	1,420,388	1,614,240	-12.0%	1,559,135	-8.9%	17,481,249	17,284,165	1.1%
E-MINI EURO FX	89,758	91,149	-1.5%	81,016	10.8%	1,035,834	840,569	23.2%
EURO FX	4,593,652	4,596,785	-0.1%	4,704,723	-2.4%	50,993,741	44,327,628	15.0%
E-MINI JAPANESE YEN	10,916	35,903	-69.6%	10,351	5.5%	309,461	361,934	-14.5%
JAPANESE YEN	3,496,263	3,889,372	-10.1%	3,425,372	2.1%	38,490,835	33,437,028	15.1%
MEXICAN PESO	1,025,569	1,455,452	-29.5%	1,170,600	-12.4%	11,706,153	13,026,062	-10.1%
NEW ZEALND DOLLAR	518,702	568,440	-8.7%	586,848	-11.6%	5,794,277	5,381,680	7.7%
NKR/USD CROSS RATE	1,608	1,414	13.7%	1,381	16.4%	22,535	19,145	17.7%
RUSSIAN RUBLE	55,738	32,710	70.4%	23,648	135.7%	559,300	398,763	40.3%
S.AFRICAN RAND	39,227	28,537	37.5%	46,108	-14.9%	601,428	207,121	190.4%
SWISS FRANC	527,189	604,025	-12.7%	551,522	-4.4%	6,262,583	5,343,031	17.2%
AD/CD CROSS RATES	0	5	-100.0%	73	-100.0%	838	59	1,320.3%
AD/JY CROSS RATES	1,567	3,709	-57.8%	2,596	-39.6%	29,676	43,835	-32.3%
AD/NE CROSS RATES	51	11	363.6%	130	-60.8%	1,094	732	49.5%
BP/JY CROSS RATES	4,219	1,711	146.6%	3,250	29.8%	35,834	20,299	76.5%
BP/SF CROSS RATES	175	46	280.4%	40	337.5%	912	477	91.2%
CD/JY CROSS RATES	0	4	-100.0%	0	0.0%	1,490	15	9,833.3%
EC/AD CROSS RATES	1,721	925	86.1%	2,087	-17.5%	34,583	18,482	87.1%
EC/CD CROSS RATES	2,342	2,455	-4.6%	4,143	-43.5%	48,318	27,830	73.6%
EC/NOK CROSS RATES	766	0	0.0%	724	5.8%	2,896	9	32,077.8%
EC/SEK CROSS RATES	1,225	162	656.2%	888	38.0%	8,866	2,780	218.9%
EFX/BP CROSS RATES	70,433	58,869	19.6%	62,095	13.4%	866,567	860,394	0.7%
EFX/JY CROSS RATES	56,325	38,778	45.2%	53,955	4.4%	754,400	466,807	61.6%
EFX/SF CROSS RATES	17,259	28,030	-38.4%	23,291	-25.9%	401,477	416,994	-3.7%
SF/JY CROSS RATES	0	0	-	0	0.0%	32	0	-
SKR/USD CROSS RATES	1,500	999	50.2%	1,534	-2.2%	28,181	20,601	36.8%
HUNGARIAN FORINT (US)	0	0	0.0%	0	-	0	0	0.0%
POLISH ZLOTY (US)	313	3,122	-90.0%	48	552.1%	3,635	17,078	-78.7%
POLISH ZLOTY (EC)	19	42	-54.8%	7	171.4%	407	19,864	-98.0%
SHEKEL	35	0	0.0%	202	-82.7%	486	0	0.0%
RMB USD	1	186	-99.5%	4	-75.0%	321	3,514	-90.9%
KOREAN WON	150	5	2,900.0%	35	328.6%	463	172	169.2%
TURKISH LIRA	370	3	12,233.3%	330	12.1%	19,040	20	95,100.0%
TURKISH LIRA (EU)	0	0	0.0%	0	-	0	0	0.0%
E-MICRO EUR/USD	227,772	323,163	-29.5%	230,858	-1.3%	2,769,857	3,067,884	-9.7%
E-MICRO GBP/USD	55,621	134,410	-58.6%	55,130	0.9%	632,229	975,460	-35.2%
E-MICRO USD/CAD	0	0	0.0%	0	0.0%	0	22	-100.0%
E-MICRO USD/CHF	0	0	0.0%	0	0.0%	0	1	-100.0%
E-MICRO USD/JPY	0	0	0.0%	0	0.0%	0	4	-100.0%
E-MICRO AUD/USD	83,620	125,748	-33.5%	81,737	2.3%	946,499	1,148,407	-17.6%
MICRO CHF/USD	1,346	1,707	-21.1%	1,096	22.8%	11,016	20,500	-46.3%
INDIAN RUPEE	69,855	24,514	185.0%	53,432	30.7%	427,858	144,954	195.2%
E-MICRO USD/CNH	0	0	0.0%	0	0.0%	0	61	-100.0%
E-MICRO CAD/USD	17,650	20,779	-15.1%	19,073	-7.5%	222,816	232,407	-4.1%
FCXR	0	8,186	-100.0%	0	0.0%	6,243	12,499	-50.1%
E-MICRO INR/USD	3,423	5,760	-40.6%	2,412	41.9%	29,104	26,663	9.2%
CHINESE RENMINBI (CNH)	2,098	3,385	-38.0%	1,656	26.7%	17,579	17,877	-1.7%
E-MICRO JPY/USD	37,845	58,401	-35.2%	30,264	25.0%	427,547	345,773	23.6%
USDZAR	0	40	-100.0%	0	0.0%	0	46	-100.0%

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FX Options								
AUSTRALIAN DOLLAR	0	91,841	-100.0%	0	0.0%	212,674	1,439,641	-85.2%
BRITISH POUND	0	148,318	-100.0%	0	0.0%	476,257	2,227,229	-78.6%
CANADIAN DOLLAR	0	51,890	-100.0%	0	0.0%	190,922	1,414,005	-86.5%
EURO FX	0	602,890	-100.0%	0	0.0%	1,319,366	7,263,035	-81.8%
JAPANESE YEN	0	280,065	-100.0%	0	0.0%	576,337	3,336,853	-82.7%
MEXICAN PESO	2,086	12,091	-82.7%	13,802	-84.9%	37,128	49,926	-25.6%
NEW ZEALND DOLLAR	0	0	0.0%	0	-	0	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	0	0.0%	0	1,373	-100.0%
SWISS FRANC	0	6,761	-100.0%	0	0.0%	5,710	68,806	-91.7%
JAPANESE YEN (EU)	2	38	-94.7%	0	0.0%	182	5,937	-96.9%
EURO FX (EU)	16	110	-85.5%	46	-65.2%	505	28,573	-98.2%
SWISS FRANC (EU)	0	0	-	0	0.0%	15	0	-
CANADIAN DOLLAR (EU)	25	7	257.1%	0	0.0%	136	1,811	-92.5%
BRITISH POUND (EU)	178	13	1,269.2%	1,605	-88.9%	4,429	9,164	-51.7%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0.0%	2	1,146	-99.8%
CHF/USD PQO 2pm Fix	2,504	5,420	-53.8%	12,157	-79.4%	37,225	7,877	372.6%
GBP/USD PQO 2pm Fix	385,075	60,050	541.3%	321,805	19.7%	2,473,602	141,809	1,644.3%
AUD/USD PQO 2pm Fix	99,025	64,980	52.4%	126,396	-21.7%	1,234,997	104,397	1,083.0%
EUR/USD PQO 2pm Fix	801,954	249,923	220.9%	851,771	-5.8%	7,158,446	401,576	1,682.6%
JPY/USD PQO 2pm Fix	268,289	148,436	80.7%	259,998	3.2%	2,924,340	215,952	1,254.2%
CAD/USD PQO 2pm Fix	137,011	49,668	175.9%	184,438	-25.7%	1,566,675	106,167	1,375.7%
JAPANESE YEN VOL	9,468	0	-	175	5,310.3%	9,643	0	-
OTC GBPUSD SUB	8,565	0	-	230	3,623.9%	8,795	0	-
EURO FX VOL	29,881	0	-	886	3,272.6%	30,767	0	-
OTC AUDUSD SUB	1,871	0	-	137	1,265.7%	2,008	0	-
CANADIAN DOLLAR VOL	4,344	0	-	299	1,352.8%	4,643	0	-
OTC CADUSD SUB	509	0	-	50	918.0%	559	0	-

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Commodities and Alternative Investments								
Futures								
LIVE CATTLE	1,501,601	1,257,505	19.4%	1,228,096	22.3%	15,174,771	12,052,130	25.9%
FEEDER CATTLE	248,101	191,263	29.7%	328,842	-24.6%	3,266,934	2,336,851	39.8%
LEAN HOGS	1,098,220	915,391	20.0%	955,604	14.9%	10,510,771	8,361,164	25.7%
LUMBER	18,739	13,574	38.1%	21,713	-13.7%	186,713	162,143	15.2%
MILK	27,303	28,134	-3.0%	22,205	23.0%	294,426	284,316	3.6%
MLK MID	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	3,930	4,114	-4.5%	6,943	-43.4%	55,060	52,066	5.8%
BUTTER CS	3,863	2,861	35.0%	3,636	6.2%	36,298	36,401	-0.3%
CLASS IV MILK	417	1,418	-70.6%	509	-18.1%	10,124	12,722	-20.4%
DRY WHEY	1,844	1,821	1.3%	1,068	72.7%	19,157	14,187	35.0%
GSCI EXCESS RETURN FUT	1,980	396	400.0%	347	470.6%	323,718	254,109	27.4%
GOLDMAN SACHS	33,561	38,412	-12.6%	34,500	-2.7%	375,196	325,469	15.3%
HDD WEATHER	250	1,601	-84.4%	300	-16.7%	1,700	3,504	-51.5%
CDD WEATHER	0	0	0.0%	0	0.0%	26,250	3,375	677.8%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	350	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	1,100	1,575	-30.2%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	400	650	-38.5%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	200	-100.0%
CAT EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	250	-100.0%
HOUSING INDEX	2	46	-95.7%	9	-77.8%	133	139	-4.3%
USD CRUDE PALM OIL	1,580	0	0.0%	2,040	-22.5%	5,124	2,480	106.6%
CASH-SETTLED CHEESE	15,408	7,355	109.5%	11,077	39.1%	115,505	109,855	5.1%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	2,005	-100.0%	104,203	82,393	26.5%
PALM OIL	0	0	0.0%	0	0.0%	0	0	0.0%
MALAYSIAN PALM SWAP	5,580	6,956	-19.8%	8,316	-32.9%	101,072	103,948	-2.8%
Commodities and Alternative Investments								
Options								
LIVE CATTLE	246,013	258,087	-4.7%	275,398	-10.7%	2,710,201	3,789,112	-28.5%
FEEDER CATTLE	28,328	31,235	-9.3%	38,271	-26.0%	378,111	383,070	-1.3%
LEAN HOGS	217,787	154,717	40.8%	255,695	-14.8%	2,397,966	2,010,367	19.3%
LUMBER	2,715	1,118	142.8%	1,766	53.7%	14,610	11,496	27.1%
MILK	41,858	32,165	30.1%	33,763	24.0%	392,749	329,586	19.2%
MLK MID	142	168	-15.5%	88	61.4%	756	750	0.8%
NFD MILK	4,697	1,337	251.3%	7,047	-33.3%	48,197	33,583	43.5%
BUTTER CS	3,044	1,259	141.8%	2,793	9.0%	20,714	13,646	51.8%
CLASS IV MILK	1,896	1,073	76.7%	1,860	1.9%	19,336	11,995	61.2%
DRY WHEY	1,356	75	1,708.0%	1,459	-7.1%	6,634	1,032	542.8%
HDD WEATHER	0	0	0.0%	0	0.0%	1,250	1,000	25.0%
CDD WEATHER	0	0	0.0%	0	0.0%	47,000	1,000	4,600.0%
HDD SEASONAL STRIP	4,500	1,000	350.0%	1,000	350.0%	16,000	19,500	-17.9%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	2,800	29,250	-90.4%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	1,500	5,500	-72.7%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HDD EURO SEASONAL STRIP	2,500	0	0.0%	0	0.0%	2,500	2,500	0.0%
HOUSING INDEX	4	0	0.0%	0	0.0%	46	18	155.6%
LV CATL CSO	0	5	-100.0%	53	-100.0%	1,972	270	630.4%
CASH-SETTLED CHEESE	13,371	6,416	108.4%	17,891	-25.3%	103,432	82,085	26.0%



CME Exchange Volume Report - Monthly

	VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
Foreign Exchange Futures								
CHILEAN PESO	3,800	0	0.0%	3,483	9.1%	30,670	10	306,600.0%
Foreign Exchange Options								
OTC AUDUSD SUB	634	0	-	0	-	634	0	-

CME Exchange Volume Report - Monthly

	VOLUME NOV 2017	VOLUME NOV 2016	% CHG	VOLUME OCT 2017	% CHG	VOLUME Y.T.D 2017	VOLUME Y.T.D 2016	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	49,604,199	84,795,262	-41.5%	52,216,015	-5.0%	593,069,821	593,151,562	0.0%
Equity Index Futures	38,478,213	45,918,017	-16.2%	33,211,979	15.9%	426,129,571	523,983,116	-18.7%
FX Futures	17,457,117	18,848,492	-7.4%	17,751,280	-1.7%	192,211,866	179,648,027	7.0%
Commodities and Alternative Invest	2,962,379	2,470,847	19.9%	2,627,210	12.8%	30,608,655	24,200,277	26.5%
Foreign Exchange Futures	3,800	0	0.0%	3,483	9.1%	30,670	10	306,600.0%
TOTAL FUTURES	108,505,708	152,032,618	-28.6%	105,809,967	2.5%	1,242,050,583	1,320,982,992	-6.0%
TOTAL OPTIONS GROUP								
Equity Index Options	15,900,121	16,853,092	-5.7%	13,809,567	15.1%	155,578,411	146,708,431	6.0%
Interest Rate Options	28,320,984	37,516,391	-24.5%	33,221,144	-14.8%	320,802,972	281,768,871	13.9%
FX Options	1,750,803	1,772,501	-1.2%	1,773,795	-1.3%	18,275,363	16,825,277	8.6%
Commodities and Alternative Invest	568,211	488,655	16.3%	637,084	-10.8%	6,165,774	6,725,760	-8.3%
Foreign Exchange Options	634	0	-	0	-	634	0	-
TOTAL OPTIONS	46,540,753	56,630,639	-17.8%	49,441,590	-5.9%	500,823,154	452,028,339	10.8%
TOTAL COMBINED								
Interest Rate	77,925,183	122,311,653	-36.3%	85,437,159	-8.8%	913,872,793	874,920,433	4.5%
Equity Index	54,378,334	62,771,109	-13.4%	47,021,546	15.6%	581,707,982	670,691,547	-13.3%
FX	19,207,920	20,620,993	-6.9%	19,525,075	-1.6%	210,487,229	196,473,304	7.1%
Commodities and Alternative Invest	3,530,590	2,959,502	19.3%	3,264,294	8.2%	36,774,429	30,926,037	18.9%
Foreign Exchange	4,434	0	0.0%	3,483	27.3%	31,304	10	312,940.0%
GRAND TOTAL	155,046,461	208,663,257	-25.7%	155,251,557	-0.1%	1,742,873,737	1,773,011,331	-1.7%