

# trading VOLUME

## Global Futures and Options Volume

Based on the number of contracts traded and/or cleared at 78 exchanges worldwide

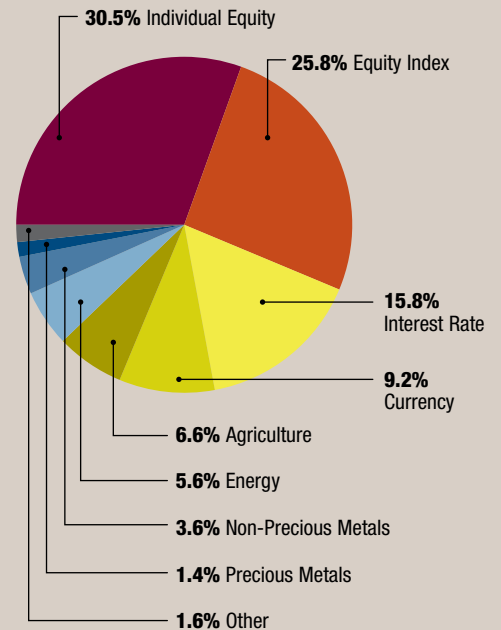
	Jan-Sept 2013	Jan-Sept 2014	% Change
Futures	9,607,436,877	8,679,897,549	-9.7%
Options	7,254,643,351	6,897,212,063	-4.9%
<b>Total</b>	<b>16,862,080,228</b>	<b>15,577,109,612</b>	<b>-7.6%</b>

## Global Futures and Options Volume by Category

Based on the number of contracts traded and/or cleared at 78 exchanges worldwide

Category	Jan-Sept 2013	Jan-Sept 2014	% Change
Individual Equity	4,874,620,223	4,751,957,766	-2.5%
Equity Index	4,108,360,356	4,017,294,694	-2.2%
Interest	2,655,975,715	2,458,844,891	-7.4%
Currency	2,202,822,533	1,432,675,100	-35.0%
Energy	1,009,436,613	851,403,206	-15.7%
Agriculture	877,597,335	1,022,515,195	16.5%
Non-Precious Metals	535,445,333	565,091,932	5.5%
Precious Metals	282,743,461	220,577,410	-22.0%
Other	315,078,659	256,749,418	-18.5%
<b>Total</b>	<b>16,862,080,228</b>	<b>15,577,109,612</b>	<b>-7.6%</b>

Note: Other includes contracts based on commodity indices, credit, fertilizer, housing, inflation, lumber, plastics and weather.

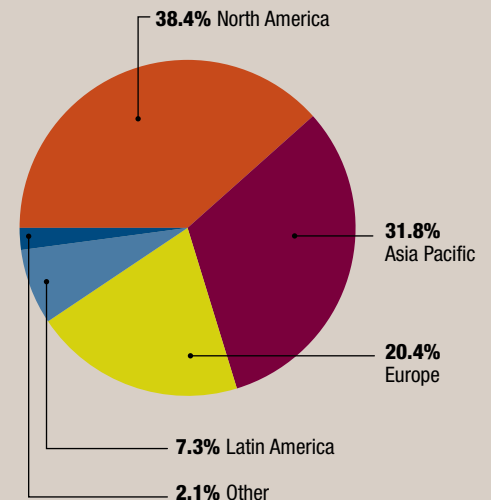


## Global Futures and Options Volume by Region

Based on the number of contracts traded and/or cleared at 78 exchanges worldwide

Region	Jan-Sept 2013	Jan-Sept 2014	% Change
North America	5,935,313,144	5,983,442,953	0.8%
Asia	5,873,688,272	4,960,390,915	-15.5%
Europe	3,469,046,743	3,170,146,260	-8.6%
Latin America	1,304,260,341	1,135,422,550	-12.9%
Other	276,390,479	327,706,934	18.6%
<b>Total</b>	<b>16,858,698,979</b>	<b>15,577,109,612</b>	<b>-7.6%</b>

Note: Location of exchanges is determined by country of registration. Other consists of exchanges in Dubai, Israel, South Africa, and Turkey.



## Exchange Rank

Ranked by number of contracts traded and/or cleared. Futures and options volume broken down by subsidiary exchanges.

Rank	Exchange	Jan-Sep 2013 Volume	Jan-Sep 2014 Volume	Annual % Change	Sep 2013 Open Interest	Sep 2014 Open Interest	Annual % Change
<b>1</b>	<b>CME Group</b>	<b>2,431,828,174</b>	<b>2,492,611,891</b>	<b>2.5%</b>	<b>89,521,902</b>	<b>104,179,355</b>	<b>16.4%</b>
	Chicago Mercantile Exchange	1,187,145,266	1,275,754,890	7.5%	40,568,870	52,946,166	30.5%
	Chicago Board Of Trade <sup>1</sup>	846,245,539	859,610,841	1.6%	15,395,616	19,410,983	26.1%
	New York Mercantile Exchange	398,437,369	357,246,160	-10.3%	33,557,416	31,822,206	-5.2%
<b>2</b>	<b>IntercontinentalExchange</b>	<b>2,019,727,742</b>	<b>1,681,331,752</b>	<b>-16.8%</b>	<b>117,499,715</b>	<b>108,493,758</b>	<b>-7.7%</b>
	Liffe European Derivatives Market <sup>2</sup>	675,516,675	492,974,546	-27.0%	34,444,511	33,244,390	-3.5%
	NYSE Amex <sup>3</sup>	415,449,826	355,371,012	-14.5%	N/A	N/A	N/A
	NYSE Arca <sup>3</sup>	347,397,568	327,259,223	-5.8%	N/A	N/A	N/A
	ICE Futures U.S. <sup>4</sup>	329,853,489	266,249,271	-19.3%	37,447,273	30,271,638	-19.2%
	ICE Futures Europe <sup>4</sup>	246,506,385	235,370,900	-4.5%	45,338,690	44,771,597	-1.3%
	ICE Futures Canada	3,793,728	4,105,499	8.2%	259,566	206,133	-20.6%
	Singapore Mercantile Exchange	421,166	1,301	-99.7%	235	N/A	N/A
	Nyse Liffe U.S. <sup>4</sup>	788,905	N/A	N/A	9,440	N/A	N/A
<b>3</b>	<b>Eurex</b>	<b>1,692,605,983</b>	<b>1,544,315,355</b>	<b>-8.8%</b>	<b>98,083,601</b>	<b>92,499,429</b>	<b>-5.7%</b>
	Eurex	1,219,986,404	1,092,808,910	-10.4%	98,083,601	92,499,429	-5.7%
	International Securities Exchange <sup>3</sup>	466,895,244	365,253,860	-21.8%	N/A	N/A	N/A
	International Securities Exchange Gemini <sup>3</sup>	5,724,335	86,252,585	1406.8%	N/A	N/A	N/A
<b>4</b>	<b>National Stock Exchange Of India</b>	<b>1,748,140,346</b>	<b>1,252,110,620</b>	<b>-28.4%</b>	<b>4,863,032</b>	<b>7,364,341</b>	<b>51.4%</b>
<b>5</b>	<b>BM&amp;FBovespa</b>	<b>1,283,548,076</b>	<b>1,061,738,407</b>	<b>-17.3%</b>	<b>62,142,825</b>	<b>66,703,453</b>	<b>7.3%</b>
	Bolsa de Valores Sao Paulo	724,681,370	587,867,162	-18.9%	22,796,302	24,458,529	7.3%
	Bolsa de Mercadorias & Futuros	558,866,706	473,871,245	-15.2%	39,346,523	42,244,924	7.4%
<b>6</b>	<b>CBOE Holdings</b>	<b>874,690,476</b>	<b>964,181,615</b>	<b>10.2%</b>	<b>390,603</b>	<b>362,892</b>	<b>-7.1%</b>
	Chicago Board Options Exchange <sup>3</sup>	787,004,497	871,258,496	10.7%	N/A	N/A	N/A
	C2 Exchange <sup>3</sup>	57,460,898	57,430,402	-0.1%	N/A	N/A	N/A
	CBOE Futures Exchange	30,225,081	35,492,717	17.4%	390,603	362,892	-7.1%
<b>7</b>	<b>Moscow Exchange</b>	<b>887,486,814</b>	<b>938,649,171</b>	<b>5.8%</b>	<b>4,983,061</b>	<b>6,234,995</b>	<b>25.1%</b>
<b>8</b>	<b>Nasdaq OMX</b>	<b>860,146,167</b>	<b>829,433,144</b>	<b>-3.6%</b>	<b>7,581,535</b>	<b>7,898,446</b>	<b>4.2%</b>
	Nasdaq OMX PHLX <sup>3</sup>	516,825,256	451,359,125	-12.7%	N/A	N/A	N/A
	Nasdaq Options Market <sup>3</sup>	240,425,654	285,988,398	19.0%	N/A	N/A	N/A
	Nasdaq OMX Exchanges Nordic Markets	74,498,359	66,649,338	-10.5%	7,442,489	7,162,637	-3.8%
	Nasdaq OMX Boston <sup>3</sup>	27,768,861	24,353,338	-12.3%	N/A	N/A	N/A
	Nasdaq OMX Commodities	628,037	1,082,945	72.4%	116,948	696,141	495.3%
<b>9</b>	<b>Dalian Commodity Exchange</b>	<b>537,868,305</b>	<b>557,067,111</b>	<b>3.6%</b>	<b>3,328,506</b>	<b>4,403,301</b>	<b>32.3%</b>
<b>10</b>	<b>Shanghai Futures Exchange</b>	<b>489,556,640</b>	<b>536,066,661</b>	<b>9.5%</b>	<b>1,540,541</b>	<b>3,015,731</b>	<b>95.8%</b>
<b>11</b>	<b>Korea Exchange</b>	<b>640,361,353</b>	<b>490,921,011</b>	<b>-23.3%</b>	<b>2,492,578</b>	<b>3,028,948</b>	<b>21.5%</b>
<b>12</b>	<b>BSE</b>	<b>193,918,196</b>	<b>478,779,678</b>	<b>146.9%</b>	<b>26,347</b>	<b>487,163</b>	<b>1749.0%</b>
<b>13</b>	<b>Zhengzhou Commodity Exchange</b>	<b>417,939,880</b>	<b>465,981,225</b>	<b>11.5%</b>	<b>2,091,374</b>	<b>2,427,438</b>	<b>16.1%</b>
<b>14</b>	<b>Hong Kong Exchanges &amp; Clearing</b>	<b>226,700,500</b>	<b>232,572,785</b>	<b>2.6%</b>	<b>6,822,588</b>	<b>7,980,600</b>	<b>17.0%</b>
	London Metal Exchange	128,564,309	133,303,164	3.7%	1,981,560	2,414,920	21.9%
	Hong Kong Exchanges	98,136,191	99,269,621	1.2%	6,822,588	7,980,600	17.0%
<b>15</b>	<b>JSE Securities Exchange</b>	<b>171,368,905</b>	<b>230,190,033</b>	<b>34.3%</b>	<b>19,550,713</b>	<b>38,305,253</b>	<b>95.9%</b>
<b>16</b>	<b>Japan Exchange</b>	<b>291,804,012</b>	<b>207,644,902</b>	<b>-28.8%</b>	<b>5,843,140</b>	<b>5,944,727</b>	<b>1.7%</b>
<b>17</b>	<b>ASX</b>	<b>202,145,562</b>	<b>182,628,631</b>	<b>-9.7%</b>	<b>14,718,562</b>	<b>14,609,909</b>	<b>-0.7%</b>
	Australian Stock Exchange	108,387,934	93,863,637	-13.4%	12,317,966	11,999,117	-2.6%
	Sydney Futures Exchange	93,757,628	88,764,994	-5.3%	2,400,596	2,610,792	8.8%

## Exchange Rank

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Rank	Exchange	Jan-Sep 2013 Volume	Jan-Sep 2014 Volume	Annual % Change	Sep 2013 Open Interest	Sep 2014 Open Interest	Annual % Change
18	Taiwan Futures Exchange	119,291,579	136,001,227	14.0%	995,356	1,590,312	59.8%
19	China Financial Futures Exchange	148,147,392	133,943,126	-9.6%	90,058	194,129	115.6%
20	BATS Exchange <sup>3</sup>	121,332,005	131,012,651	8.0%	N/A	N/A	N/A
21	TMX Group	118,939,603	125,925,334	5.9%	4,537,419	4,847,153	6.8%
	Boston Options Exchange <sup>3</sup>	68,515,359	75,407,606	10.1%	N/A	N/A	N/A
	Montreal Exchange	50,424,244	50,517,728	0.2%	4,537,419	4,847,153	6.8%
22	Euronext Derivatives Market <sup>6</sup>	112,382,616	105,243,973	-6.4%	18,497,271	14,913,561	-19.4%
23	Metropolitan Stock Exchange of India <sup>5</sup>	483,913,242	104,290,132	-78.4%	401,424	565,220	40.8%
24	Multi Commodity Exchange Of India	232,088,609	97,162,693	-58.1%	231,492	371,090	60.3%
25	Miami International Securities Exchange <sup>3</sup>	20,075,224	93,649,602	366.5%	N/A	N/A	N/A
26	Singapore Exchange	85,788,752	80,446,779	-6.2%	3,521,913	3,071,076	-12.8%
	Singapore Futures Exchange	85,328,589	78,682,120	-7.8%	3,438,079	2,756,888	-19.8%
	SGX Asiaclear	460,163	1,764,659	283.5%	83,834	314,188	274.8%
27	Rosario Futures Exchange	36,928,082	51,233,293	38.7%	2,726,972	4,581,359	68.0%
28	Tel-Aviv Stock Exchange	43,068,788	44,255,539	2.8%	718,847	1,196,984	66.5%
29	Borsa Istanbul	41,117,096	43,087,081	4.8%	353,349	506,951	43.5%
30	MEFF	38,046,165	41,437,656	8.9%	13,042,224	11,142,527	-14.6%
31	London Stock Exchange Group	37,012,528	38,060,132	2.8%	11,158,962	6,166,740	-44.7%
	Borsa Italiana	23,902,459	28,310,504	18.4%	5,057,722	3,277,489	-35.2%
	Turquoise Derivatives	13,110,069	9,749,628	-25.6%	6,101,240	2,889,251	-52.6%
32	Thailand Futures Exchange	13,183,321	29,733,238	125.5%	326,322	1,367,106	318.9%
33	Tokyo Financial Exchange	55,292,798	25,916,650	-53.1%	1,208,815	1,330,236	10.0%
34	National Commodity & Derivatives Exchange	24,048,073	24,157,151	0.5%	166,428	192,006	15.4%
35	United Stock Exchange Of India	37,056,825	22,491,652	-39.3%	18,374	26,685	45.2%
36	Mexican Derivatives Exchange	20,216,605	21,674,357	7.2%	5,500,413	4,511,826	-18.0%
37	Tokyo Commodity Exchange <sup>7</sup>	22,009,332	14,704,826	-33.2%	293,929	378,625	28.8%
38	Oslo Stock Exchange	8,210,199	11,571,050	40.9%	1,155,732	1,525,342	32.0%
39	Malaysia Derivatives Exchange	8,062,142	8,904,963	10.5%	204,266	288,087	41.0%
40	Dubai Gold & Commodities Exchange	11,357,329	8,800,304	-22.5%	23,121	31,677	37.0%
41	OneChicago	6,963,257	7,952,933	14.2%	669,479	678,148	1.3%
42	Athens Derivatives Exchange	7,113,333	7,388,948	3.9%	199,551	313,572	57.1%
43	Warsaw Stock Exchange	9,957,016	7,246,040	-27.2%	187,927	168,619	-10.3%
44	CEE Stock Exchange Group	6,264,518	5,748,435	-8.2%	536,975	509,873	-5.0%
	Budapest Stock Exchange	5,858,113	5,679,952	-3.0%	453,501	509,873	12.4%
	Wiener Borse <sup>8</sup>	406,405	68,483	-83.1%	83,474	N/A	N/A
45	Pakistan Mercantile Exchange	3,296,691	2,785,333	-15.5%	8,762	18,563	111.9%
46	Dubai Mercantile Exchange	1,170,256	1,676,922	43.3%	20,482	15,449	-24.6%
47	Minneapolis Grain Exchange	1,087,264	1,644,983	51.3%	52,885	71,124	34.5%
48	New Zealand Futures Exchange	858,928	875,181	1.9%	87,070	68,104	-21.8%
49	Bolsa de Valores De Colombia	564,716	604,314	7.0%	12,621	61,292	385.6%
50	Indonesia Commodity & Derivatives Exchange	717,353	565,300	-21.2%	1,050	466	-55.6%
51	Eris Exchange	224,982	271,633	20.7%	62,669	131,431	109.7%
52	Osaka Dojima Commodity Exchange	202,585	250,010	23.4%	9,504	10,663	12.2%
53	Mercado A Termin De Buenos Aires	198,755	172,179	-13.4%	23,045	22,634	-1.8%

<sup>1</sup> KCBT contracts have been migrated to CBOT

<sup>2</sup> Liffe's 2013 volume has been migrated to ICE Futures Europe and ICE Futures U.S.

<sup>3</sup> Open Interest for these exchanges does not include options traded in the U.S. and cleared by OCC

<sup>4</sup> NYSE Liffe's U.S. contracts have been migrated to ICE Futures Europe and ICE Futures U.S.

<sup>5</sup> Metropolitan Stock Exchange of India Ltd previously MCS-SX

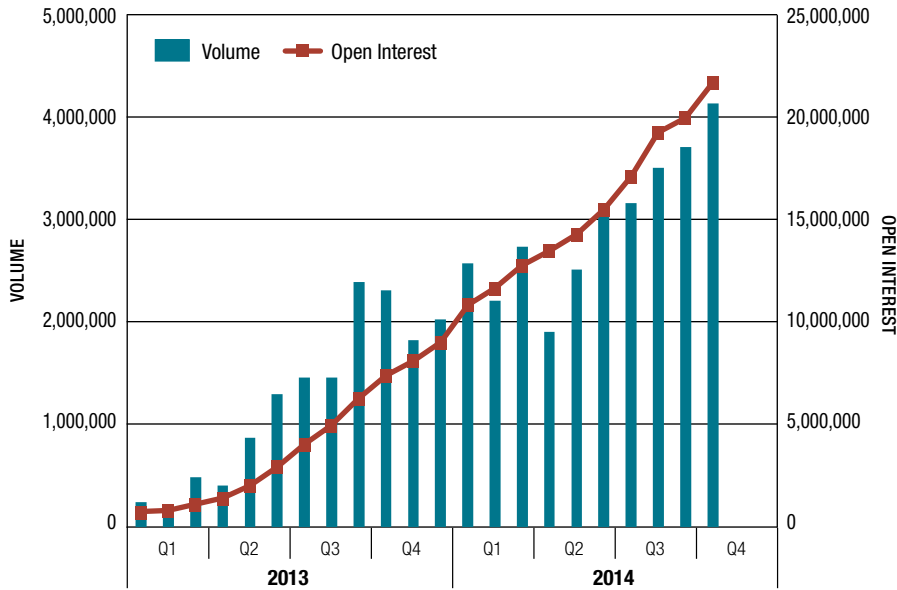
<sup>6</sup> In June 2014, Euronext N.V. was spun out of IntercontinentalExchange through an IPO. Prior to that date, its futures and options volume was reported as part of the Liffe European Derivatives Market

<sup>7</sup> TGE contracts have been migrated to Tocom

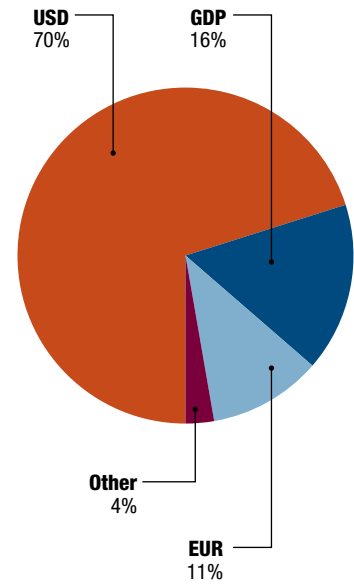
<sup>8</sup> Wiener Borse discontinued futures and options trading in March 2014

# OTC Clearing—CME Group

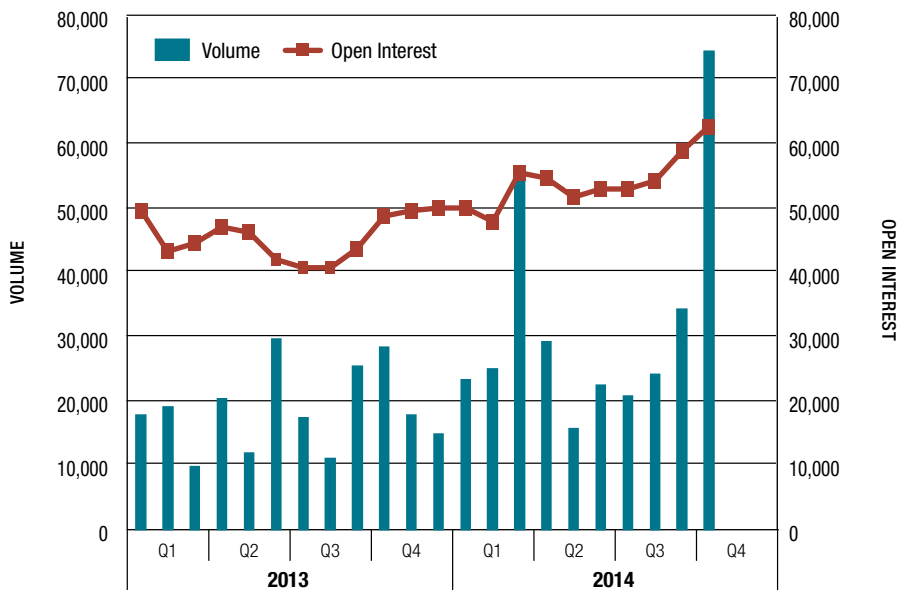
**Cleared Interest Rate Swaps**  
Volume and Open Interest (in millions USD)



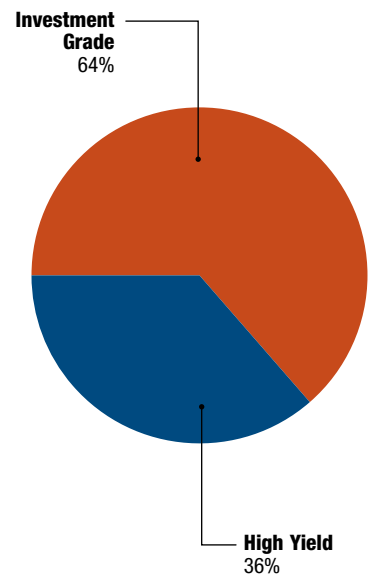
**Cleared IRS Volume by Currency**  
(as of October 2014)



**Cleared Credit Default Swaps**  
Volume and Open Interest (in millions USD)



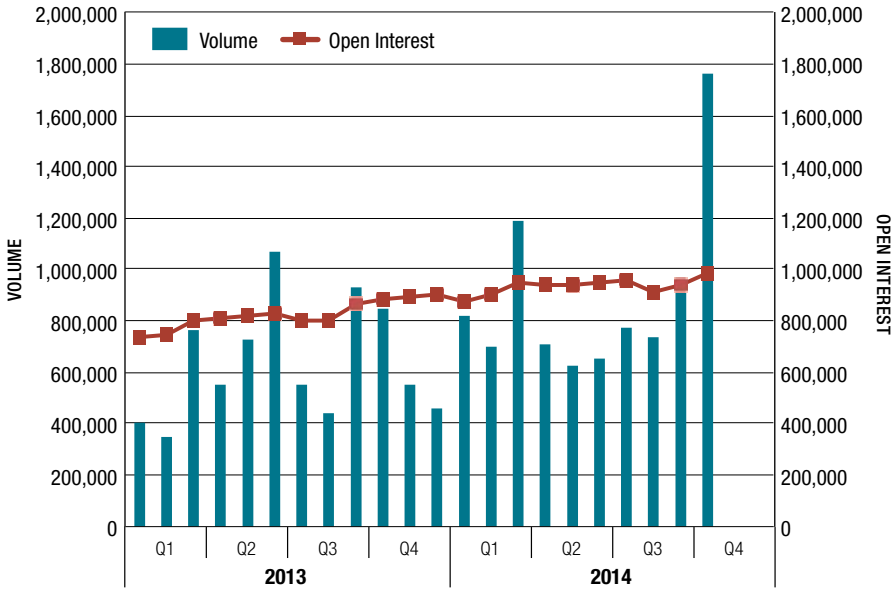
**Cleared CDS by Type**  
(as of October 2014)



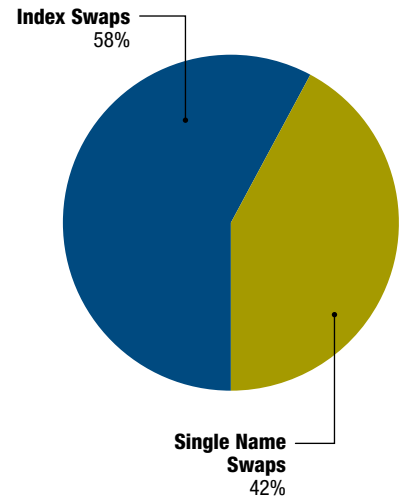
Source: CME Group

**OTC Clearing—ICE Clear Credit and ICE Clear Europe**

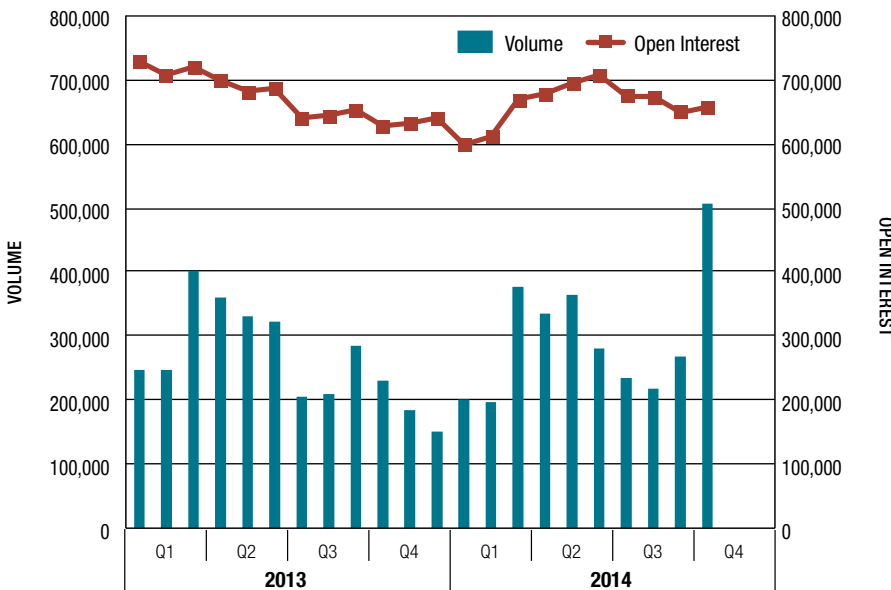
**Cleared Credit Default Swaps at ICE Clear Credit**  
Volume and Open Interest (in millions USD)



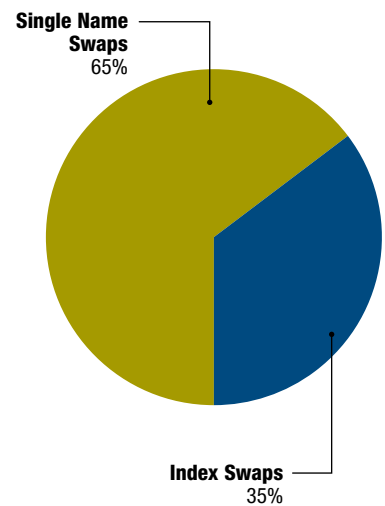
**ICE Clear Credit Cleared CDS by Type**  
(Open interest as of October 2014)



**Cleared Credit Default Swaps at ICE Clear Europe**  
Volume and Open Interest (in millions USD)



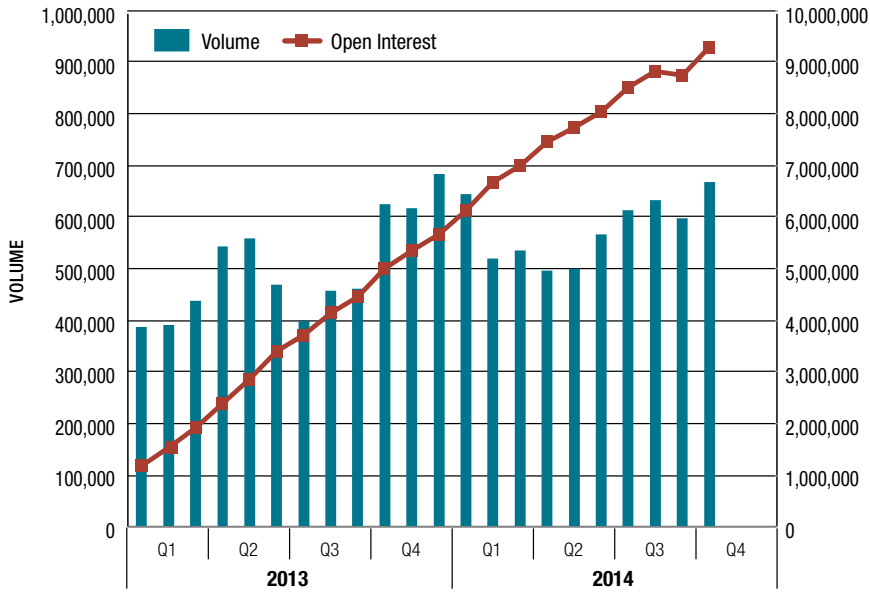
**ICE Clear Europe Cleared CDS by Type**  
(Open interest as of October 2014)



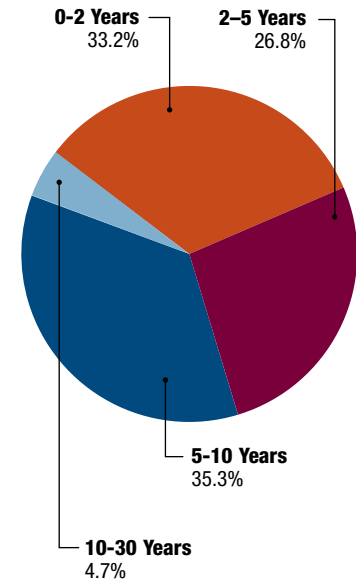
Source: Intercontinental Exchange

# OTC Clearing—Japan Securities Clearing Corp.

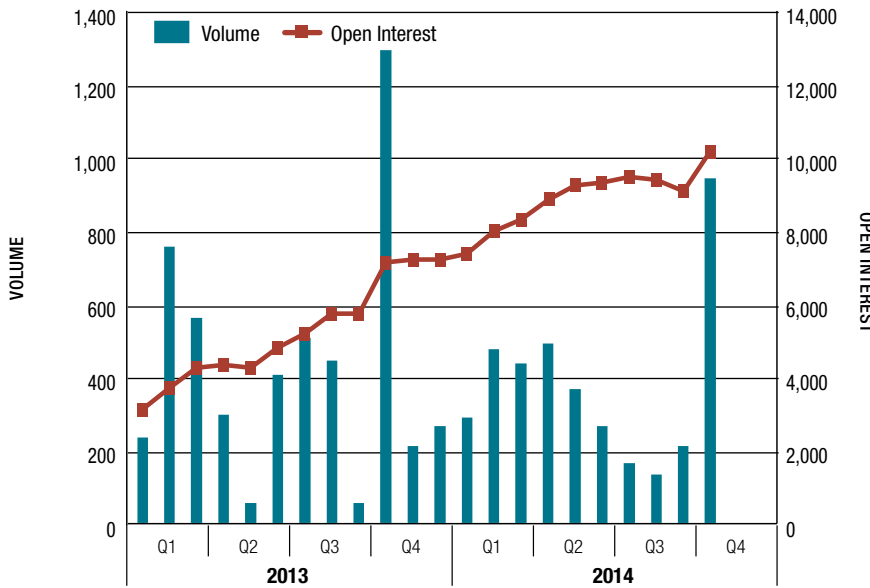
**Cleared Interest Rate Swaps**  
Volume and Open Interest (in millions USD)



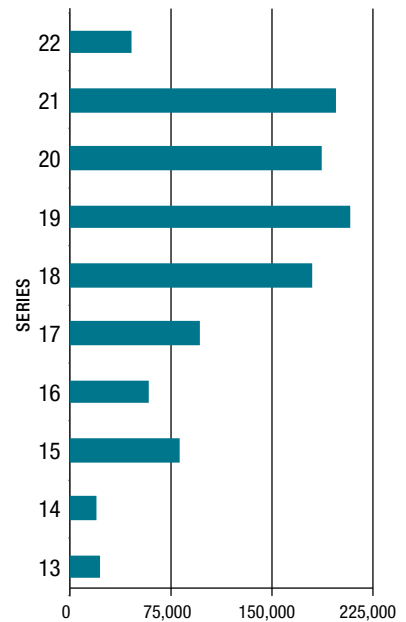
**IRS Open Interest by Maturity**  
(as of October 2014)



**Cleared Credit Default Swaps**  
Volume and Open Interest (in millions USD)



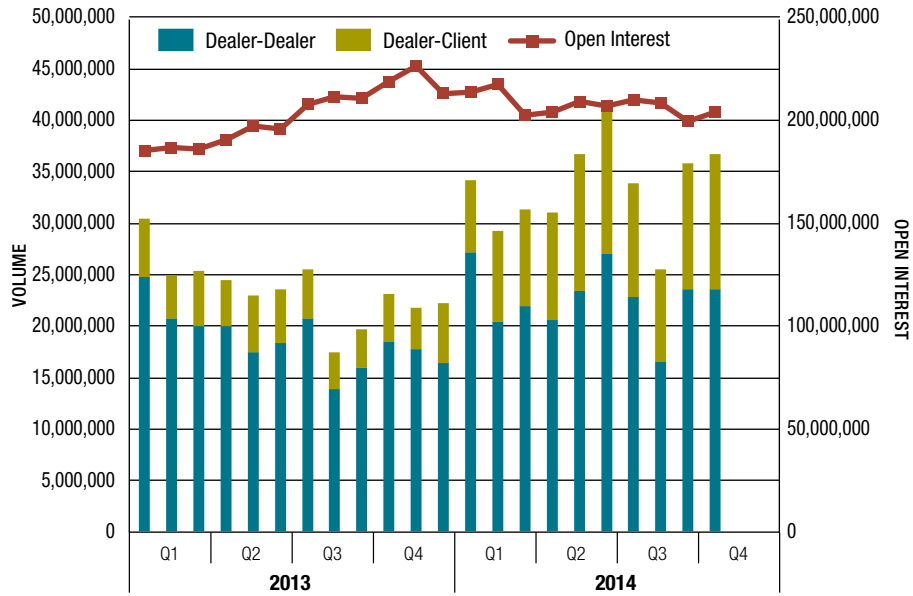
**Open Interest by CDS Index Series**  
(as of October 2014)



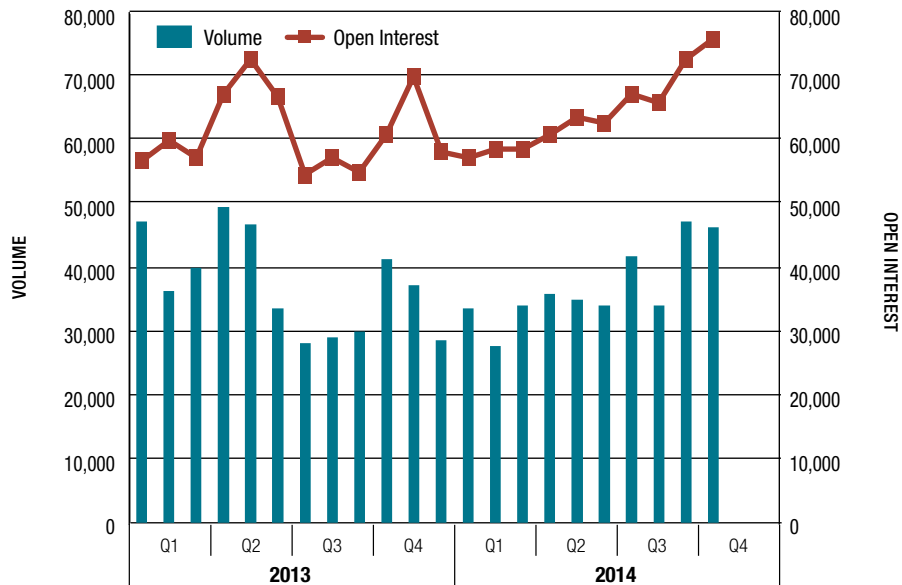
Source: Japan Securities Clearing Corp.

**OTC Clearing—LCH.Clearnet**

**Cleared Interest Rate Swaps**  
Volume and Open Interest (in millions USD)



**Cleared FX Forwards**  
Volume and Open Interest (in millions USD)



Note: LCH.Clearnet data adjusted so that volumes are single-counted.

Source: LCH.Clearnet

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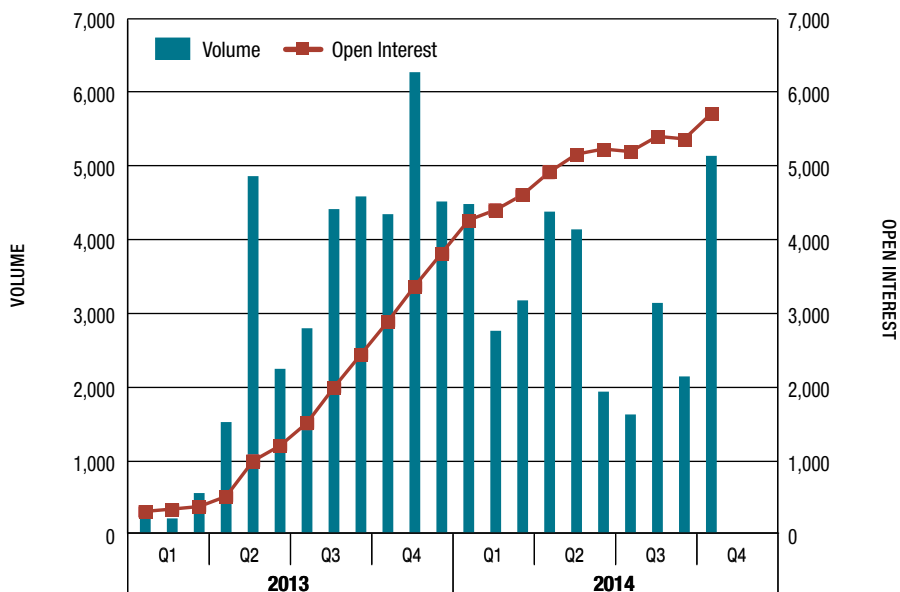


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## OTC Clearing—Nasdaq Stockholm

**Cleared Interest Rate Swaps**  
Volume and Open Interest (in millions USD)



Source: Nasdaq