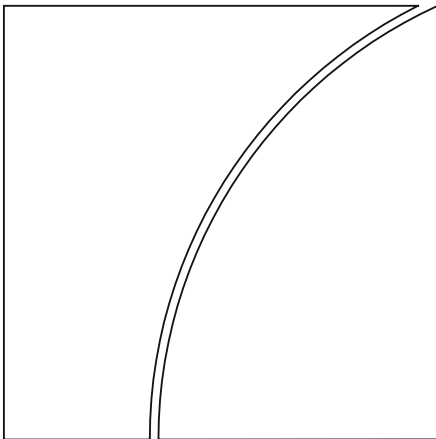




BANK FOR INTERNATIONAL SETTLEMENTS



# Triennial Central Bank Survey

## Derivatives positions at end-June 2013

Monetary and Economic Department

November 2013

# 2013 Triennial Central Bank Survey

## Statistical annex tables

### Amounts outstanding at end-June 2013

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*Conventions used in the tables*

0 = Value close to zero.

... = Reported to be nil, not reported, not shown for reasons of confidentiality, not meaningful or not applicable.

Owing to rounding and incomplete reporting of various breakdowns, the component items do not always sum to the total for the category in question.

"Gross" refers to data for which no adjustment has been made for estimated double-counting; "net-gross" refers to data for which adjustments have been made for estimated local double-counting; and "net-net", or "net", refers to data adjusted for both local and cross-border double-counting.

*Abbreviations*

CAD Canadian dollar

CHF Swiss franc

EUR Euro

GBP Pound sterling

OTH Other currencies

SEK Swedish krona

TOT Total

USD US dollar

**Notional amounts outstanding of OTC foreign exchange derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>**

**All currencies**

In millions of US dollars

	TOT	CAD	CHF	EUR	GBP
<b>Forwards and swaps</b>	<b>39,574,552</b>	<b>1,907,733</b>	<b>2,255,300</b>	<b>12,277,718</b>	<b>4,487,634</b>
with reporting dealers	13,302,329	572,181	722,782	3,975,867	1,347,579
with other financial institutions	19,026,083	842,629	1,089,577	5,518,266	2,215,701
with non-financial customers	7,246,143	492,923	442,942	2,783,585	924,356
<b>Currency swaps</b>	<b>26,318,120</b>	<b>1,054,361</b>	<b>1,276,287</b>	<b>10,024,921</b>	<b>3,024,697</b>
with reporting dealers	13,128,480	466,388	577,298	4,632,079	1,453,503
with other financial institutions	10,386,892	380,889	555,412	4,041,894	1,175,681
with non-financial customers	2,802,752	207,084	143,580	1,350,947	395,512
<b>Options sold</b>	<b>11,030,755</b>	<b>318,251</b>	<b>812,225</b>	<b>2,880,882</b>	<b>928,202</b>
with reporting dealers	6,844,360	186,193	549,691	1,824,534	547,355
with other financial institutions	3,033,477	78,922	223,836	696,436	279,400
with non-financial customers	1,152,920	53,137	38,699	359,910	101,446
<b>Options bought</b>	<b>10,851,241</b>	<b>320,188</b>	<b>800,407</b>	<b>2,839,908</b>	<b>1,004,967</b>
with reporting dealers	6,766,196	182,798	551,920	1,846,240	546,243
with other financial institutions	2,863,817	74,944	200,260	646,019	361,429
with non-financial customers	1,221,228	62,445	48,229	347,649	97,295
<b>Total options</b>	<b>15,076,725</b>	<b>453,948</b>	<b>1,061,832</b>	<b>3,885,411</b>	<b>1,386,376</b>
<b>Other products</b>	<b>55,634</b>	...	...	...	...
<b>Total contracts</b>	<b>81,025,031</b>	<b>3,416,042</b>	<b>4,593,420</b>	<b>26,188,050</b>	<b>8,898,707</b>

For footnotes, see facing page.

Table 1

## Notional amounts outstanding of OTC foreign exchange derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

JPY	SEK	USD	OTH <sup>2</sup>	
<b>5,855,763</b>	<b>928,049</b>	<b>34,854,934</b>	<b>16,581,972</b>	<b>Forwards and swaps</b>
2,312,814	216,086	12,494,264	4,963,086	with reporting dealers
2,542,773	377,473	16,780,538	8,685,210	with other financial institutions
1,000,176	334,489	5,580,132	2,933,682	with non-financial customers
<b>5,171,151</b>	<b>571,446</b>	<b>23,567,495</b>	<b>7,945,882</b>	<b>Currency swaps</b>
2,945,787	243,618	12,445,115	3,493,173	with reporting dealers
1,744,051	220,463	9,033,260	3,622,134	with other financial institutions
481,315	107,365	2,089,119	830,581	with non-financial customers
<b>3,538,244</b>	<b>78,984</b>	<b>9,456,960</b>	<b>4,047,760</b>	<b>Options sold</b>
2,376,678	43,773	5,875,945	2,284,553	with reporting dealers
910,572	18,628	2,581,767	1,277,394	with other financial institutions
250,995	16,585	999,248	485,819	with non-financial customers
<b>3,464,924</b>	<b>82,606</b>	<b>9,179,736</b>	<b>4,009,745</b>	<b>Options bought</b>
2,416,810	44,981	5,766,303	2,177,098	with reporting dealers
784,879	19,371	2,362,253	1,278,478	with other financial institutions
263,236	18,254	1,051,180	554,168	with non-financial customers
<b>4,606,429</b>	<b>117,219</b>	<b>12,815,579</b>	<b>5,826,656</b>	<b>Total options</b>
...	...	...	<b>111,267</b>	<b>Other products</b>
<b>15,633,343</b>	<b>1,616,714</b>	<b>71,238,007</b>	<b>30,465,777</b>	<b>Total contracts</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. Due to incomplete counterparty breakdown, components do not always add to totals. <sup>2</sup> Calculated as the difference between the total and the sum of the listed components.

Table 1 (cont)

## Notional amounts outstanding of OTC single currency interest rate derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

	TOT	CAD	CHF	EUR	GBP
<b>Forward rate agreements</b>	<b>89,433,846</b>	<b>191,835</b>	<b>979,632</b>	<b>35,195,321</b>	<b>10,723,326</b>
with reporting dealers	8,325,734	79,772	129,087	2,373,306	972,245
with other financial institutions	77,209,132	95,819	711,589	30,916,796	9,281,191
with non-financial customers	3,898,979	16,244	138,956	1,905,219	469,890
<b>Swaps</b>	<b>437,065,578</b>	<b>9,320,623</b>	<b>4,906,938</b>	<b>172,919,932</b>	<b>33,765,914</b>
with reporting dealers	70,246,852	1,456,238	740,634	19,213,002	3,769,042
with other financial institutions	336,407,495	7,190,474	3,210,932	142,628,120	27,917,651
with non-financial customers	30,411,232	673,911	955,372	11,078,811	2,079,221
<b>Options sold</b>	<b>40,484,862</b>	<b>42,033</b>	<b>62,740</b>	<b>20,524,330</b>	<b>2,407,319</b>
with reporting dealers	29,433,565	12,495	34,848	16,084,816	1,674,026
with other financial institutions	9,630,702	23,196	19,691	3,880,276	650,778
with non-financial customers	1,420,592	6,342	8,202	559,238	82,516
<b>Options bought</b>	<b>39,423,100</b>	<b>42,341</b>	<b>54,855</b>	<b>20,137,833</b>	<b>2,529,528</b>
with reporting dealers	30,000,298	13,888	39,035	16,112,145	1,893,870
with other financial institutions	8,223,395	22,286	11,305	3,427,248	573,167
with non-financial customers	1,199,406	6,167	4,514	598,440	62,492
<b>Total options</b>	<b>50,191,039</b>	<b>71,186</b>	<b>80,658</b>	<b>24,563,686</b>	<b>3,152,909</b>
<b>Other products</b>	<b>578,859</b>	...	...	...	...
<b>Total contracts</b>	<b>577,269,322</b>	<b>9,583,644</b>	<b>5,967,228</b>	<b>232,678,939</b>	<b>47,642,149</b>

For footnotes, see facing page.

Table 2

**Notional amounts outstanding of OTC single currency interest rate derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>**

**All currencies**

In millions of US dollars

JPY	SEK	USD	OTH <sup>2</sup>	
<b>48,330</b>	<b>3,133,350</b>	<b>33,655,689</b>	<b>5,506,362</b>	<b>Forward rate agreements</b>
6,426	920,047	2,281,637	1,563,215	with reporting dealers
29,048	2,099,634	30,273,662	3,801,392	with other financial institutions
12,856	113,670	1,100,391	141,752	with non-financial customers
<b>49,904,518</b>	<b>3,508,918</b>	<b>121,628,311</b>	<b>41,110,424</b>	<b>Swaps</b>
12,577,530	753,739	19,341,076	12,395,591	with reporting dealers
32,377,699	2,436,915	94,281,927	26,363,777	with other financial institutions
4,949,288	318,263	8,005,308	2,351,057	with non-financial customers
<b>4,401,987</b>	<b>166,827</b>	<b>11,684,529</b>	<b>1,195,097</b>	<b>Options sold</b>
3,322,567	56,295	7,618,387	630,132	with reporting dealers
969,936	61,134	3,527,030	498,662	with other financial institutions
109,484	49,397	539,112	66,301	with non-financial customers
<b>4,147,949</b>	<b>161,893</b>	<b>11,377,469</b>	<b>971,230</b>	<b>Options bought</b>
3,334,556	79,074	7,963,098	564,632	with reporting dealers
740,331	36,472	3,037,200	375,387	with other financial institutions
73,063	46,348	377,172	31,210	with non-financial customers
<b>5,221,380</b>	<b>261,038</b>	<b>15,271,265</b>	<b>1,568,918</b>	<b>Total options</b>
...	...	...	<b>578,859</b>	<b>Other products</b>
<b>55,174,228</b>	<b>6,903,306</b>	<b>170,555,265</b>	<b>48,764,563</b>	<b>Total contracts</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. <sup>2</sup> Calculated as the difference between the total and the sum of the listed components.

Table 2 (cont)

## Notional amounts outstanding of OTC equity-linked derivatives by instrument and counterparty at end-June 2013<sup>1</sup>

In millions of US dollars

	Total	US	Japanese	European	Latin American	Other Asian	Other
<b>Forwards and swaps</b>	<b>2,349,622</b>	<b>726,199</b>	<b>95,047</b>	<b>1,075,078</b>	<b>79,168</b>	<b>89,413</b>	<b>284,728</b>
with reporting dealers	725,419	212,794	36,251	440,241	2,479	7,334	26,332
with other financial institutions	1,320,480	432,984	45,883	497,853	73,298	62,812	207,649
with non-financial customers	303,723	80,422	12,914	136,982	3,391	19,267	50,747
<b>Options sold</b>	<b>3,557,682</b>	<b>998,022</b>	<b>450,462</b>	<b>1,603,680</b>	<b>31,837</b>	<b>216,797</b>	<b>256,883</b>
with reporting dealers	1,704,982	470,477	254,087	780,529	2,940	121,283	75,665
with other financial institutions	1,511,627	412,298	156,239	665,438	27,039	82,997	167,618
with non-financial customers	341,073	115,247	40,137	157,715	1,858	12,518	13,600
<b>Options bought</b>	<b>2,692,330</b>	<b>830,444</b>	<b>421,556</b>	<b>1,048,443</b>	<b>21,615</b>	<b>177,994</b>	<b>192,278</b>
with reporting dealers	1,567,594	410,744	257,635	691,976	487	122,429	84,322
with other financial institutions	894,577	317,461	134,778	283,118	20,305	44,456	94,460
with non-financial customers	230,160	102,239	29,143	73,349	823	11,109	13,497
<b>Total options</b>	<b>4,613,729</b>	<b>1,387,861</b>	<b>616,163</b>	<b>1,915,879</b>	<b>51,743</b>	<b>272,941</b>	<b>369,173</b>
<b>Total contracts</b>	<b>6,963,343</b>	<b>2,114,053</b>	<b>711,206</b>	<b>2,990,947</b>	<b>130,908</b>	<b>362,348</b>	<b>653,896</b>

<sup>1</sup> While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting.

Table 3



## Notional amounts outstanding of OTC commodity, credit and other derivatives by instrument and counterparty at end-June 2013<sup>1</sup>

In millions of US dollars

	Total commodities	Gold	Precious metals (other than gold)	Other commodities	Credit derivatives	Other derivatives
<b>Forwards and swaps</b>	<b>1,757,031</b>	<b>354,421</b>	<b>52,637</b>	<b>1,349,973</b>	<b>24,497,379</b>	<b>62,814</b>
with reporting dealers	...	...	...	...	13,809,352	15,453
with other financial institutions	...	...	...	...	10,287,063	29,706
with non-financial customers	...	...	...	...	400,964	17,655
<b>Options sold</b>	<b>579,997</b>	<b>154,294</b>	<b>29,794</b>	<b>395,910</b>	<b>321,163</b>	<b>6,233</b>
with reporting dealers	...	...	...	...	273,470	1,615
with other financial institutions	...	...	...	...	45,818	3,955
with non-financial customers	...	...	...	...	1,875	663
<b>Options bought</b>	<b>607,073</b>	<b>158,474</b>	<b>29,378</b>	<b>419,221</b>	<b>277,611</b>	<b>10,130</b>
with reporting dealers	...	...	...	...	228,552	895
with other financial institutions	...	...	...	...	45,221	4,909
with non-financial customers	...	...	...	...	3,838	4,326
<b>TOTAL options</b>	<b>970,406</b>	<b>255,681</b>	<b>48,372</b>	<b>666,352</b>	<b>347,763</b>	<b>15,108</b>
<b>TOTAL contracts</b>	<b>2,727,440</b>	<b>610,102</b>	<b>101,010</b>	<b>2,016,329</b>	<b>24,845,142</b>	<b>77,922</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. Due to incomplete counterparty breakdown, components do not always add to totals.

Table 4

## Notional amounts outstanding of OTC credit default swaps by instrument, counterparty and sector at end-June 2013<sup>1</sup>

In millions of US dollars

	Total <sup>2</sup>	Sovereigns			Non-sovereigns		
		Total	Bought	Sold	Total	Bought	Sold
<b>Total contracts</b>	<b>24,469,501</b>	<b>3,261,037</b>	<b>2,881,481</b>	<b>2,814,963</b>	<b>21,208,476</b>	<b>16,481,950</b>	<b>16,083,680</b>
<b>Single-name instruments</b>	<b>13,210,989</b>	<b>3,114,958</b>	<b>2,747,744</b>	<b>2,697,463</b>	<b>10,096,033</b>	<b>8,205,180</b>	<b>8,164,073</b>
with reporting dealers	8,603,490	2,330,262	2,333,373	2,327,138	6,273,232	6,279,605	6,266,847
with other financial institutions	4,525,047	763,008	402,399	360,609	3,762,037	1,891,492	1,870,546
central counterparties	2,047,360	128,469	64,156	64,313	1,918,888	959,896	958,992
banks and security firms	1,386,223	384,711	226,493	158,218	1,001,512	532,396	469,116
insurance firms	86,391	14,918	8,113	6,805	71,473	46,012	25,461
SPVs, SPCs and SPEs	98,086	9,829	7,495	2,334	88,258	59,220	29,038
hedge funds	442,862	116,300	33,952	82,348	326,562	106,631	219,931
others	464,124	108,781	62,191	46,590	355,343	187,336	168,008
with non-financial customers	82,452	21,687	11,971	9,716	60,765	34,083	26,682
<b>Multi-name instruments</b>	<b>11,258,512</b>	<b>146,079</b>	<b>133,737</b>	<b>117,500</b>	<b>11,112,443</b>	<b>8,276,770</b>	<b>7,919,607</b>
with reporting dealers	5,189,112	105,171	100,252	110,076	5,083,946	5,074,298	5,093,582
with other financial institutions	5,953,810	40,041	32,688	7,353	5,913,771	3,124,183	2,789,588
central counterparties	3,500,912	4,428	3,452	976	3,496,484	1,748,506	1,747,978
banks and security firms	871,812	20,003	14,987	5,016	851,811	468,340	383,470
insurance firms	148,548	766	765	1	147,783	112,838	34,945
SPVs, SPCs and SPEs	274,694	11,887	11,853	34	262,806	213,711	49,095
hedge funds	633,219	1,244	220	1,024	631,975	301,955	330,020
others	524,627	1,713	1,411	302	522,915	278,833	244,081
with non-financial customers	115,590	867	797	70	114,725	78,289	36,436

<sup>1</sup> Data on total CDSs are shown on a net basis. Data on CDSs bought and sold are shown on a gross basis, ie not adjusted for inter-dealer double-counting. <sup>2</sup> Due to incomplete reporting, sectors do not always add to totals.

Table 5



## Gross market values of OTC foreign exchange derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

	TOT	CAD	CHF	EUR	GBP
Positive market values					
<b>Forwards and FX swaps</b>	<b>729,690</b>	<b>31,637</b>	<b>26,770</b>	<b>138,258</b>	<b>47,590</b>
with reporting dealers	398,103	15,471	13,312	64,203	23,076
with other financial institutions	238,903	10,242	9,629	47,320	16,314
with non-financial customers	92,685	5,923	3,828	26,735	8,201
<b>Currency swaps</b>	<b>805,513</b>	<b>34,217</b>	<b>40,769</b>	<b>236,999</b>	<b>85,831</b>
with reporting dealers	480,609	16,799	24,660	119,049	42,496
with other financial institutions	221,605	8,541	11,994	68,388	22,021
with non-financial customers	103,299	8,876	4,115	49,560	21,313
<b>Options bought</b>	<b>264,477</b>	<b>4,606</b>	<b>15,123</b>	<b>48,073</b>	<b>9,750</b>
with reporting dealers	175,922	2,473	11,524	31,908	6,146
with other financial institutions	57,683	1,074	2,772	9,690	2,224
with non-financial customers	30,875	1,059	828	6,476	1,378
<b>Total contracts</b>	<b>1,799,677</b>	<b>70,462</b>	<b>82,664</b>	<b>423,331</b>	<b>143,170</b>
Negative market values					
<b>Forwards and FX swaps</b>	<b>740,359</b>	<b>31,418</b>	<b>27,144</b>	<b>131,340</b>	<b>49,137</b>
with reporting dealers	388,523	14,342	14,718	58,487	23,443
with other financial institutions	243,362	10,247	8,943	42,405	15,737
with non-financial customers	108,478	6,827	3,483	30,449	9,957
<b>Currency swaps</b>	<b>851,350</b>	<b>33,839</b>	<b>57,745</b>	<b>268,971</b>	<b>83,908</b>
with reporting dealers	487,100	17,359	22,050	129,783	41,202
with other financial institutions	255,021	7,863	21,516	88,357	25,541
with non-financial customers	109,233	8,617	14,182	50,833	17,165
<b>Options sold</b>	<b>271,012</b>	<b>4,914</b>	<b>14,636</b>	<b>49,516</b>	<b>10,153</b>
with reporting dealers	173,814	2,430	10,761	30,605	5,930
with other financial institutions	63,531	1,359	3,263	10,558	2,538
with non-financial customers	33,669	1,126	612	8,351	1,684
<b>Total contracts</b>	<b>1,862,720</b>	<b>70,171</b>	<b>99,526</b>	<b>449,827</b>	<b>143,196</b>

For footnotes, see facing page.

Table 6

## Gross market values of OTC foreign exchange derivatives by instrument, counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

JPY	SEK	USD	OTH <sup>2</sup>	
Positive market values				
<b>190,367</b>	<b>12,369</b>	<b>684,998</b>	<b>327,389</b>	<b>Forwards and FX swaps</b>
132,011	4,594	386,706	156,832	with reporting dealers
43,274	4,100	220,550	126,377	with other financial institutions
15,083	3,675	77,743	44,183	with non-financial customers
<b>163,936</b>	<b>11,101</b>	<b>652,378</b>	<b>385,795</b>	<b>Currency swaps</b>
104,564	6,171	417,266	230,214	with reporting dealers
40,462	3,028	169,943	118,832	with other financial institutions
18,911	1,903	65,168	36,751	with non-financial customers
<b>146,893</b>	<b>802</b>	<b>218,166</b>	<b>85,541</b>	<b>Options bought</b>
105,016	352	144,154	50,271	with reporting dealers
27,347	217	47,951	24,089	with other financial institutions
14,531	232	26,059	11,188	with non-financial customers
<b>501,199</b>	<b>24,273</b>	<b>1,555,543</b>	<b>798,715</b>	<b>Total contracts</b>
Negative market values				
<b>224,277</b>	<b>12,158</b>	<b>681,822</b>	<b>323,423</b>	<b>Forwards and FX swaps</b>
127,510	5,274	372,134	161,139	with reporting dealers
61,841	3,534	226,149	117,868	with other financial institutions
34,925	3,351	83,540	44,424	with non-financial customers
<b>173,101</b>	<b>13,044</b>	<b>683,152</b>	<b>388,940</b>	<b>Currency swaps</b>
112,681	6,309	414,565	230,253	with reporting dealers
41,428	3,912	197,160	124,264	with other financial institutions
18,992	2,824	71,428	34,426	with non-financial customers
<b>150,908</b>	<b>913</b>	<b>225,106</b>	<b>85,878</b>	<b>Options sold</b>
105,288	392	143,572	48,651	with reporting dealers
30,308	241	52,918	25,877	with other financial institutions
15,311	280	28,619	11,354	with non-financial customers
<b>548,288</b>	<b>26,115</b>	<b>1,590,080</b>	<b>798,237</b>	<b>Total contracts</b>

<sup>1</sup> Counterparty breakdown partially estimated. <sup>2</sup> Calculated as the difference between the total and the sum of the listed components.

Table 6 (cont)

## Gross market values of OTC single currency interest rate derivatives by instrument counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

	TOT	CAD	CHF	EUR	GBP
Positive market values					
<b>Forward rate agreements</b>	<b>167,195</b>	<b>567</b>	<b>647</b>	<b>43,172</b>	<b>4,175</b>
with reporting dealers	49,865	304	259	10,064	1,619
with other financial institutions	103,491	128	376	32,490	2,316
with non-financial customers	13,838	136	13	619	240
<b>Swaps</b>	<b>8,993,193</b>	<b>95,317</b>	<b>74,620</b>	<b>4,148,220</b>	<b>667,833</b>
with reporting dealers	3,672,448	37,609	27,898	1,486,978	262,737
with other financial institutions	4,817,408	44,244	43,468	2,406,281	349,685
with non-financial customers	503,336	13,464	3,254	254,960	55,411
<b>Options bought</b>	<b>1,126,998</b>	<b>928</b>	<b>4,986</b>	<b>654,691</b>	<b>80,940</b>
with reporting dealers	899,250	291	3,070	525,241	59,200
with other financial institutions	191,393	579	1,793	109,178	15,555
with non-financial customers	36,355	58	122	20,272	6,185
<b>Total contracts</b>	<b>10,287,648</b>	<b>96,813</b>	<b>80,262</b>	<b>4,846,316</b>	<b>752,949</b>
Negative market values					
<b>Forward rate agreements</b>	<b>160,137</b>	<b>483</b>	<b>637</b>	<b>39,670</b>	<b>3,305</b>
with reporting dealers	51,055	257	266	9,098	1,067
with other financial institutions	104,165	140	360	30,192	2,114
with non-financial customers	4,916	85	10	379	123
<b>Swaps</b>	<b>8,685,515</b>	<b>92,375</b>	<b>69,911</b>	<b>3,984,808</b>	<b>616,348</b>
with reporting dealers	3,624,448	38,759	26,660	1,445,150	259,014
with other financial institutions	4,736,745	45,783	41,627	2,370,420	330,432
with non-financial customers	324,322	7,834	1,625	169,240	26,902
<b>Options sold</b>	<b>1,122,673</b>	<b>708</b>	<b>5,404</b>	<b>648,894</b>	<b>73,532</b>
with reporting dealers	897,857	280	2,960	525,867	58,836
with other financial institutions	202,038	238	2,005	112,412	13,021
with non-financial customers	22,778	190	439	10,617	1,675
<b>Total contracts</b>	<b>9,968,559</b>	<b>93,566</b>	<b>75,958</b>	<b>4,673,582</b>	<b>693,185</b>

For footnotes, see facing page.

Table 7

## Gross market values of OTC single currency interest rate derivatives by instrument counterparty and currency at end-June 2013<sup>1</sup>

### All currencies

In millions of US dollars

JPY	SEK	USD	OTH <sup>2</sup>	
Positive market values				
<b>101</b>	<b>5,210</b>	<b>92,528</b>	<b>20,793</b>	<b>Forward rate agreements</b>
39	1,618	28,946	7,017	with reporting dealers
60	3,484	51,027	13,612	with other financial institutions
2	109	12,556	163	with non-financial customers
<b>453,366</b>	<b>54,565</b>	<b>2,812,359</b>	<b>686,912</b>	<b>Swaps</b>
249,601	21,317	1,292,846	293,461	with reporting dealers
187,401	28,503	1,393,742	364,084	with other financial institutions
16,363	4,744	125,773	29,366	with non-financial customers
<b>54,119</b>	<b>1,809</b>	<b>316,151</b>	<b>13,374</b>	<b>Options bought</b>
46,004	944	256,056	8,445	with reporting dealers
7,536	475	52,297	3,981	with other financial institutions
579	390	7,797	950	with non-financial customers
<b>507,586</b>	<b>61,584</b>	<b>3,221,050</b>	<b>721,088</b>	<b>Total contracts</b>
Negative market values				
<b>106</b>	<b>5,141</b>	<b>89,397</b>	<b>21,399</b>	<b>Forward rate agreements</b>
37	1,664	31,390	7,275	with reporting dealers
68	3,404	53,908	13,977	with other financial institutions
2	72	4,099	145	with non-financial customers
<b>452,750</b>	<b>52,204</b>	<b>2,740,141</b>	<b>676,978</b>	<b>Swaps</b>
253,480	21,584	1,273,022	306,779	with reporting dealers
187,305	27,679	1,383,175	350,324	with other financial institutions
11,965	2,941	83,944	19,872	with non-financial customers
<b>57,164</b>	<b>1,719</b>	<b>321,807</b>	<b>13,444</b>	<b>Options sold</b>
48,028	811	252,483	8,592	with reporting dealers
8,373	577	61,404	4,007	with other financial institutions
763	332	7,920	842	with non-financial customers
<b>510,021</b>	<b>59,064</b>	<b>3,151,354</b>	<b>711,831</b>	<b>Total contracts</b>

<sup>1</sup> Counterparty breakdown partially estimated. <sup>2</sup> Calculated as the difference between the total and the sum of the listed components.

Table 7 (cont)

## Gross market values of OTC equity-linked derivatives by instrument and counterparty at end-June 2013<sup>1</sup>

In millions of US dollars

	Total	US	Japanese	European <sup>2</sup>	Latin American	Other Asian	Other
Positive market values							
<b>Forwards and swaps</b>	<b>120,780</b>	<b>37,431</b>	<b>7,321</b>	<b>53,767</b>	<b>3,074</b>	<b>4,315</b>	<b>14,871</b>
with reporting dealers	42,685	11,429	3,447	25,891	88	784	1,046
with other financial institutions	59,922	21,834	2,885	17,207	2,841	2,473	12,682
with non-financial customers	18,171	4,167	989	10,668	144	1,059	1,143
<b>Options bought</b>	<b>338,030</b>	<b>129,164</b>	<b>55,362</b>	<b>125,786</b>	<b>1,668</b>	<b>12,507</b>	<b>13,541</b>
with reporting dealers	202,449	65,972	43,565	79,316	56	7,592	5,949
with other financial institutions	98,191	42,625	10,564	33,704	1,348	3,413	6,534
with non-financial customers	37,390	20,567	1,234	12,765	264	1,502	1,057
<b>Total contracts</b>	<b>458,807</b>	<b>166,595</b>	<b>62,683</b>	<b>179,554</b>	<b>4,742</b>	<b>16,822</b>	<b>28,412</b>
Negative market values							
<b>Forwards and swaps</b>	<b>130,584</b>	<b>41,754</b>	<b>7,134</b>	<b>55,561</b>	<b>4,158</b>	<b>4,445</b>	<b>17,531</b>
with reporting dealers	42,835	12,108	3,797	24,677	292	936	1,025
with other financial institutions	73,111	26,129	2,946	23,154	3,645	2,730	14,505
with non-financial customers	14,639	3,517	391	7,731	221	779	2,001
<b>Options sold</b>	<b>402,899</b>	<b>138,598</b>	<b>75,895</b>	<b>147,358</b>	<b>2,018</b>	<b>21,450</b>	<b>17,577</b>
with reporting dealers	242,714	70,323	61,131	87,939	102	17,218	5,999
with other financial institutions	115,535	39,950	13,580	46,979	1,487	3,480	10,057
with non-financial customers	44,650	28,325	1,183	12,439	429	752	1,522
<b>Total contracts</b>	<b>533,483</b>	<b>180,353</b>	<b>83,028</b>	<b>202,920</b>	<b>6,176</b>	<b>25,895</b>	<b>35,109</b>

<sup>1</sup> Country breakdown partially estimated. <sup>2</sup> Excluding eastern Europe.

Table 8



## Gross market values of OTC commodity, credit and other derivatives at end-June 2013<sup>1</sup>

All currencies

In millions of US dollars

	Total commodities	Gold	Precious metals (other than gold)	Other commodities	Credit derivatives	Credit default swaps	Other derivatives
Positive market values							
<b>Total contracts</b>	<b>225,579</b>	<b>49,071</b>	<b>10,959</b>	<b>165,550</b>	<b>610,633</b>	<b>607,289</b>	<b>8,149</b>
Negative market values							
<b>Total contracts</b>	<b>225,150</b>	<b>45,351</b>	<b>10,068</b>	<b>169,732</b>	<b>581,541</b>	<b>578,036</b>	<b>24,824</b>

<sup>1</sup> No breakdown by instrument and counterparty.

Table 9

## Notional amounts outstanding of OTC foreign exchange derivatives by instrument, counterparty and remaining maturity at end-June 2013<sup>1</sup>

In millions of US dollars

	Total	One year or less	Over 1 year and up to 5 years	Over 5 years
<b>Forwards and swaps</b>	<b>65,892,672</b>	<b>47,522,583</b>	<b>12,974,343</b>	<b>5,398,305</b>
with reporting dealers	26,430,809	17,235,599	6,340,608	2,855,301
with other financial institutions	29,412,975	22,979,023	4,666,607	1,768,664
with non-financial customers	10,048,895	7,307,962	1,967,129	774,342
<b>Options sold</b>	<b>11,030,755</b>	<b>8,858,921</b>	<b>1,726,047</b>	<b>445,928</b>
with reporting dealers	6,844,360	5,394,838	1,119,534	330,085
with other financial institutions	3,033,477	2,530,069	411,304	92,122
with non-financial customers	1,152,920	934,015	195,211	23,721
<b>Options bought</b>	<b>10,851,241</b>	<b>8,737,070</b>	<b>1,643,022</b>	<b>471,295</b>
with reporting dealers	6,766,196	5,299,495	1,087,947	378,799
with other financial institutions	2,863,817	2,461,538	332,233	70,114
with non-financial customers	1,221,228	976,037	222,840	22,382
<b>Total options</b>	<b>15,076,725</b>	<b>12,248,832</b>	<b>2,265,335</b>	<b>562,786</b>
<b>Other products</b>	<b>55,634</b>	...	...	...
<b>Total contracts</b>	<b>81,025,031</b>	<b>59,771,404</b>	<b>15,239,669</b>	<b>5,961,085</b>
<b>Total contracts including gold</b>	<b>81,635,133</b>	...	...	...

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. Due to incomplete maturity breakdown, components do not always add to totals.

Table 10

## Notional amounts outstanding of OTC single currency interest rate derivatives by instrument, counterparty and remaining maturity at end-June 2013<sup>1</sup>

In millions of US dollars

	Total	One year or less	Over 1 year and up to 5 years	Over 5 years
<b>Forwards and swaps</b>	<b>526,499,424</b>	<b>210,882,892</b>	<b>190,124,521</b>	<b>125,492,004</b>
with reporting dealers	78,572,586	26,100,296	32,639,577	19,832,719
with other financial institutions	413,616,627	172,608,528	144,654,444	96,353,648
with non-financial customers	34,310,211	12,174,071	12,830,501	9,305,635
<b>Options sold</b>	<b>40,484,862</b>	<b>11,259,735</b>	<b>18,532,272</b>	<b>10,692,862</b>
with reporting dealers	29,433,565	7,382,193	13,677,143	8,374,228
with other financial institutions	9,630,702	3,490,050	4,096,099	2,044,557
with non-financial customers	1,420,592	387,491	759,031	274,077
<b>Options bought</b>	<b>39,423,100</b>	<b>10,713,745</b>	<b>17,892,045</b>	<b>10,817,302</b>
with reporting dealers	30,000,298	7,643,788	13,793,753	8,562,748
with other financial institutions	8,223,395	2,730,262	3,513,793	1,979,341
with non-financial customers	1,199,406	339,695	584,499	275,214
<b>Total options</b>	<b>50,191,039</b>	<b>14,460,497</b>	<b>22,688,875</b>	<b>13,041,684</b>
<b>Other products</b>	<b>578,859</b>	...	...	...
<b>Total contracts</b>	<b>577,269,322</b>	<b>225,343,385</b>	<b>212,813,391</b>	<b>138,533,680</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. Due to incomplete maturity breakdown, components do not always add to totals.

Table 11

## Notional amounts outstanding of OTC equity-linked derivatives by instrument, counterparty and remaining maturity at end-June 2013<sup>1</sup>

In millions of US dollars

	Total	One year or less	Over 1 year and up to 5 years	Over 5 years
<b>Forwards and swaps</b>	<b>2,349,622</b>	<b>1,456,983</b>	<b>703,055</b>	<b>189,589</b>
with reporting dealers	725,419	438,461	240,249	46,715
with other financial institutions	1,320,480	839,637	373,275	107,568
with non-financial customers	303,723	178,888	89,530	35,308
<b>Options sold</b>	<b>3,557,682</b>	<b>1,738,163</b>	<b>1,461,919</b>	<b>357,593</b>
with reporting dealers	1,704,982	772,617	763,625	168,738
with other financial institutions	1,511,627	807,238	568,499	135,882
with non-financial customers	341,073	158,308	129,795	52,974
<b>Options bought</b>	<b>2,692,330</b>	<b>1,382,148</b>	<b>1,021,581</b>	<b>288,604</b>
with reporting dealers	1,567,594	710,308	713,662	143,628
with other financial institutions	894,577	522,976	247,975	123,626
with non-financial customers	230,160	148,864	59,946	21,351
<b>Total options</b>	<b>4,613,729</b>	<b>2,378,853</b>	<b>1,744,864</b>	<b>490,019</b>
<b>Total contracts</b>	<b>6,963,343</b>	<b>3,835,832</b>	<b>2,447,909</b>	<b>679,602</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. Due to incomplete maturity breakdown, components do not always add to totals.

Table 12

## Amounts outstanding of OTC foreign exchange derivatives by instrument and counterparty at end-June 2007, 2010 and 2013<sup>1</sup>

In millions of US dollars

	End-June 2007		End-June 2010		End-June 2013	
	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values
<b>Forwards and FX swaps</b>	<b>29,775,280</b>	<b>667,587</b>	<b>31,935,312</b>	<b>1,329,600</b>	<b>39,574,552</b>	<b>1,081,526</b>
with reporting dealers	10,580,077	254,317	10,178,437	452,804	13,302,329	398,103
with other financial institutions	12,280,687	256,313	15,065,960	586,073	19,026,083	482,265
with non-financial customers	6,914,531	156,973	6,690,924	290,720	7,246,143	201,164
<b>Total including gold</b>	<b>30,486,523</b>	...	<b>32,320,119</b>	...	<b>39,928,971</b>	...
<b>Currency swaps</b>	<b>14,130,193</b>	<b>666,201</b>	<b>18,890,095</b>	<b>1,372,342</b>	<b>26,318,120</b>	<b>1,169,763</b>
with reporting dealers	5,714,743	174,697	7,906,256	461,548	13,128,480	480,609
with other financial institutions	5,941,666	308,004	8,611,532	644,311	10,386,892	476,626
with non-financial customers	2,473,788	183,495	2,372,315	266,478	2,802,752	212,532
<b>Options sold</b>	<b>9,915,023</b>	<b>204,856</b>	<b>8,550,830</b>	<b>324,478</b>	<b>11,030,755</b>	<b>271,012</b>
with reporting dealers	6,127,064	124,230	4,826,250	204,158	6,844,360	173,814
with other financial institutions	2,282,195	49,391	2,393,299	79,165	3,033,477	63,531
with non-financial customers	1,505,781	31,238	1,331,289	41,155	1,152,920	33,669
<b>Total including gold</b>	<b>10,066,243</b>	...	<b>8,722,762</b>	...	<b>11,185,048</b>	...
<b>Options bought</b>	<b>9,880,162</b>	<b>197,877</b>	<b>8,414,627</b>	<b>335,921</b>	<b>10,851,241</b>	<b>264,477</b>
with reporting dealers	6,139,281	125,530	4,891,384	202,042	6,766,196	175,922
with other financial institutions	2,215,249	44,442	2,235,461	75,061	2,863,817	57,683
with non-financial customers	1,525,647	27,909	1,287,794	58,813	1,221,228	30,875
<b>Total including gold</b>	<b>10,144,470</b>	...	<b>8,590,477</b>	...	<b>11,009,715</b>	...
<b>Total options</b>	<b>13,662,018</b>	<b>278,507</b>	<b>12,106,637</b>	<b>456,243</b>	<b>15,076,725</b>	<b>361,675</b>
<b>Other products</b>	<b>36,724</b>	...	<b>1,075</b>	...	<b>55,634</b>	...
<b>Total contracts</b>	<b>57,604,215</b>	<b>1,612,295</b>	<b>62,933,119</b>	<b>3,158,185</b>	<b>81,025,031</b>	<b>2,612,964</b>
<b>Total contracts including gold</b>	<b>58,655,139</b>	<b>1,668,515</b>	<b>63,602,263</b>	<b>3,212,349</b>	<b>81,635,133</b>	<b>2,695,581</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. The counterparty breakdown for gross market values was estimated.

Table 13

## Amounts outstanding of OTC single currency interest rate derivatives by instrument and counterparty at end-June 2007, 2010 and 2013<sup>1</sup>

In millions of US dollars

	End-June 2007		End-June 2010		End-June 2013	
	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values
<b>Forwards rate agreements</b>	<b>25,607,251</b>	<b>145,231</b>	<b>60,028,187</b>	<b>204,371</b>	<b>89,433,846</b>	<b>276,277</b>
with reporting dealers	11,982,197	57,780	32,078,754	99,517	8,325,734	49,865
with other financial institutions	12,398,005	75,523	25,459,541	92,838	77,209,132	207,656
with non-financial customers	1,227,047	11,926	2,489,894	12,008	3,898,979	18,755
<b>Swaps</b>	<b>299,155,244</b>	<b>5,818,200</b>	<b>367,540,841</b>	<b>16,702,968</b>	<b>437,065,578</b>	<b>14,054,261</b>
with reporting dealers	122,518,516	2,195,092	87,819,275	4,078,315	70,246,852	3,672,448
with other financial institutions	135,213,529	2,860,410	245,139,206	11,694,054	336,407,495	9,554,154
with non-financial customers	41,423,198	762,702	34,582,366	930,594	30,411,232	827,658
<b>Options sold</b>	<b>44,224,854</b>	<b>574,398</b>	<b>37,381,952</b>	<b>1,155,169</b>	<b>40,484,862</b>	<b>1,122,673</b>
with reporting dealers	28,718,591	392,305	22,742,085	765,898	29,433,565	897,857
with other financial institutions	10,845,616	143,362	12,196,632	340,079	9,630,702	202,038
with non-financial customers	4,660,645	38,733	2,443,233	49,192	1,420,592	22,778
<b>Options bought</b>	<b>40,681,825</b>	<b>584,652</b>	<b>36,136,239</b>	<b>1,211,019</b>	<b>39,423,100</b>	<b>1,126,998</b>
with reporting dealers	27,920,959	407,647	23,256,734	795,679	30,000,298	899,250
with other financial institutions	9,328,655	142,118	11,220,791	359,014	8,223,395	191,393
with non-financial customers	3,432,213	34,889	1,658,715	56,325	1,199,406	36,355
<b>Total options</b>	<b>56,586,914</b>	<b>766,749</b>	<b>50,518,782</b>	<b>1,600,282</b>	<b>50,191,039</b>	<b>1,351,815</b>
<b>Other products</b>	<b>7,210</b>	<b>...</b>	<b>4,997</b>	<b>...</b>	<b>578,859</b>	<b>...</b>
<b>Total contracts</b>	<b>381,356,619</b>	<b>6,730,180</b>	<b>478,092,807</b>	<b>18,507,621</b>	<b>577,269,322</b>	<b>15,682,353</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. The counterparty breakdown for gross market values was estimated

Table 14

## Amounts outstanding of OTC equity-linked derivatives by instrument and counterparty at end-June 2007, 2010 and 2013<sup>1</sup>

In millions of US dollars

	End-June 2007		End-June 2010		End-June 2013	
	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values	Notional amounts outstanding	Gross market values
<b>Forwards and swaps</b>	<b>2,668,279</b>	<b>261,958</b>	<b>1,854,246</b>	<b>201,559</b>	<b>2,349,622</b>	<b>208,529</b>
with reporting dealers	717,953	52,470	497,390	40,424	725,419	42,685
with other financial institutions	1,396,464	155,357	978,915	114,707	1,320,480	133,032
with non-financial customers	553,864	54,133	377,940	46,430	303,723	32,810
<b>Options sold</b>	<b>5,187,019</b>	<b>705,774</b>	<b>3,902,067</b>	<b>481,943</b>	<b>3,557,682</b>	<b>402,899</b>
with reporting dealers	2,717,647	371,746	1,778,688	283,549	1,704,982	242,714
with other financial institutions	1,976,460	254,142	1,792,307	137,189	1,511,627	115,535
with non-financial customers	492,915	79,883	331,071	61,204	341,073	44,650
<b>Options bought</b>	<b>4,331,454</b>	<b>616,430</b>	<b>2,930,439</b>	<b>396,311</b>	<b>2,692,330</b>	<b>338,030</b>
with reporting dealers	2,619,469	383,674	1,859,762	250,544	1,567,594	202,449
with other financial institutions	1,427,335	177,742	809,465	106,332	894,577	98,191
with non-financial customers	284,637	55,015	261,211	39,436	230,160	37,390
<b>Total options</b>	<b>6,849,922</b>	<b>950,458</b>	<b>5,013,284</b>	<b>594,705</b>	<b>4,613,729</b>	<b>498,215</b>
<b>Total contracts</b>	<b>9,518,201</b>	<b>1,212,416</b>	<b>6,867,530</b>	<b>796,264</b>	<b>6,963,351</b>	<b>706,744</b>

<sup>1</sup> Data adjusted for inter-dealer double-counting. While data on total options are shown on a net basis, separate data on options sold and options bought are recorded on a gross basis, ie not adjusted for inter-dealer double-counting. The counterparty breakdown for gross market values was estimated

Table 15