

# Statistical Annex

## The international banking market

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## The BIS international financial statistics summary tables

The BIS publishes a variety of international financial statistics, most of them on a quarterly basis. They cover banking statistics on both a locational and a consolidated basis, debt securities issues in both domestic and international markets, and statistics on derivatives traded on exchanges and over the counter. The main purpose of the statistics is to provide a measure of the size and structure of key segments of the global financial market and to monitor their development. A summary of the most recent data is presented in seven tables (see below).<sup>1</sup>

### 1. International banking statistics (Tables 1A, 1B, 2A and 2B)

The locational reporting system provides quarterly data on the international financial claims and liabilities of banks resident in the 42 reporting countries on a gross basis. The methodology is consistent with the principles underlying the compilation of national accounts, balances of payments and external debt statistics. Breakdowns are provided in terms of instrument, currency, sector and vis-à-vis country. The currency breakdown allows the BIS to approximate global bank credit flows adjusted for exchange rate fluctuations.

The consolidated banking statistics cover banks' worldwide on-balance sheet claims, on both a contractual (immediate borrower) and an ultimate risk basis (ie net of risk mitigants such as guarantees and collateral). Positions are reported by head offices in their home country and include all branches and subsidiaries on a worldwide consolidated basis, net of inter-office accounts. Breakdowns are available in terms of instrument, sector, maturity and vis-à-vis country. Information is also available on key off-balance sheet items such as guarantees extended, credit commitments and derivative contracts. Currently 30 countries provide consolidated banking data.

While the locational statistics are appropriate for measuring lending flows in a given period, the consolidated statistics are more suited to gauging the size of banks' country and liquidity risk exposures. The data are compiled by the BIS on the basis of national data reported by the respective central banks, which in turn collect these data from the internationally active banks in their jurisdiction.

### 2. Debt securities statistics (Tables 3A and 3B)

These statistics are derived from various national, market and institutional data sources and provide information on amounts outstanding and flows of debt securities issuance in both international and domestic markets. Nominal values are used and the data are broken down using similar criteria as for the banking statistics, ie sector, currency and maturity. However, only the liabilities of the issuers are covered.

International debt securities comprise domestic and foreign currency issues by residents of a given country outside their respective domestic market, foreign currency issues by residents in their domestic market and foreign and domestic currency debt securities issued in the domestic market by non-residents. Breakdowns are available in terms of currency, sector and maturity.

Domestic debt securities comprise issues in domestic markets in national currency for 49 countries. Breakdowns are provided in terms of sector and maturity. As far as possible, the BIS endeavours to eliminate any overlap between its international and domestic debt securities statistics.

### 3. Derivatives statistics (Table 4)

Semi annual data are compiled for activity in over-the-counter (OTC) markets whilst quarterly data are available on activity in exchange-traded markets. The data on OTC derivatives are based on the reporting to the BIS by central banks in major financial centres that in turn collect the information on a consolidated basis from reporting dealers headquartered in their respective country, while those on exchange-traded derivatives are obtained from market sources.

The derivatives data cover notional amounts outstanding and gross market values for a number of risk categories: foreign exchange, interest rates, equity-linked, commodities and credit default swaps. Gross credit exposure in OTC markets after bilateral netting is also available.

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<sup>1</sup> More detailed tables and options to download the data in time series form are available at <http://www.bis.org/statistics/index.htm>.

**Table 1A: International positions of banks by residence of counterparty, June 2009<sup>1</sup>**

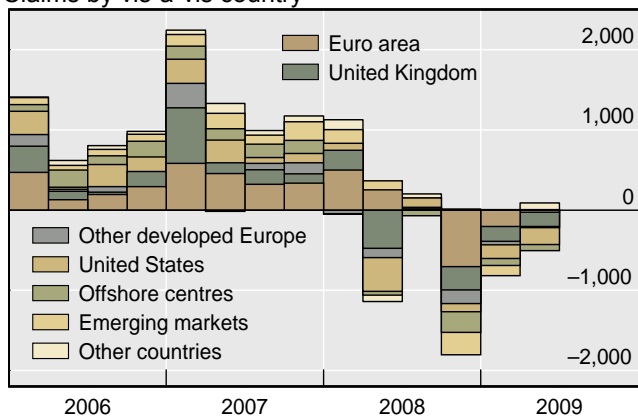
In billions of US dollars

	Vis-à-vis developed countries	Vis-à-vis offshore centres	Vis-à-vis emerging markets					All countries
			Total	Africa	Asia	Europe	Latin America	
<b>Amounts outstanding</b>								
<b>Total claims</b>	<b>26,673</b>	<b>3,892</b>	<b>2,757</b>	<b>460</b>	<b>947</b>	<b>880</b>	<b>470</b>	<b>34,008</b>
<b>Total cross-border claims</b>	<b>23,699</b>	<b>3,516</b>	<b>2,367</b>	<b>460</b>	<b>704</b>	<b>815</b>	<b>387</b>	<b>30,267</b>
Loans	16,845	2,838	1,896	424	535	651	286	21,891
Securities	5,552	546	263	19	92	85	67	6,438
Claims on banks	15,401	2,263	1,141	179	429	414	119	19,394
Claims on non-banks	8,298	1,253	1,226	282	275	401	268	10,873
US dollar	8,306	2,246	1,020	265	241	242	272	11,642
Euro	10,614	412	520	84	51	365	20	11,766
<b>Foreign currency claims on residents</b>	<b>2,974</b>	<b>376</b>	<b>391</b>	<b>...</b>	<b>243</b>	<b>64</b>	<b>83</b>	<b>3,741</b>
<b>Estimated exchange rate adjusted changes during the quarter<sup>2</sup></b>								
<b>Total claims</b>	<b>-335</b>	<b>-83</b>	<b>1</b>	<b>-3</b>	<b>9</b>	<b>-4</b>	<b>-1</b>	<b>-477</b>
<b>Total cross-border claims</b>	<b>-287</b>	<b>-75</b>	<b>5</b>	<b>-3</b>	<b>9</b>	<b>-2</b>	<b>2</b>	<b>-415</b>
Loans	-292	-66	-13	-4	3	-8	-4	-394
Securities	85	-7	8	0	1	2	4	87
Claims on banks	-371	-29	3	-7	5	6	-1	-458
Claims on non-banks	84	-45	2	4	4	-8	3	43
US dollar	-223	-25	0	2	2	-2	-1	-257
Euro	-73	-33	-4	0	-1	-2	-1	-121
<b>Foreign currency claims on residents</b>	<b>-49</b>	<b>-9</b>	<b>-4</b>	<b>...</b>	<b>0</b>	<b>-1</b>	<b>-3</b>	<b>-62</b>
<b>Amounts outstanding</b>								
<b>Total liabilities</b>	<b>21,288</b>	<b>5,319</b>	<b>2,591</b>	<b>719</b>	<b>999</b>	<b>422</b>	<b>451</b>	<b>32,477</b>
<b>Total cross-border liabilities</b>	<b>18,173</b>	<b>4,601</b>	<b>2,107</b>	<b>719</b>	<b>683</b>	<b>324</b>	<b>381</b>	<b>28,159</b>
Deposits	16,359	4,472	2,041	710	651	321	360	23,273
Securities	1,192	96	33	5	20	0	7	3,883
Liabilities to banks	13,614	3,266	1,293	469	454	225	146	20,875
Liabilities to non-banks	4,559	1,335	814	250	229	99	235	7,283
US dollar	6,937	2,882	1,147	435	286	129	297	11,943
Euro	7,468	657	376	150	55	133	39	9,474
<b>Foreign currency liabilities to residents</b>	<b>3,116</b>	<b>718</b>	<b>484</b>	<b>...</b>	<b>316</b>	<b>98</b>	<b>70</b>	<b>4,318</b>
<b>Estimated exchange rate adjusted changes during the quarter<sup>2</sup></b>								
<b>Total liabilities</b>	<b>-457</b>	<b>-167</b>	<b>-68</b>	<b>-21</b>	<b>-36</b>	<b>-10</b>	<b>-1</b>	<b>-626</b>
<b>Total cross-border liabilities</b>	<b>-314</b>	<b>-157</b>	<b>-79</b>	<b>-21</b>	<b>-42</b>	<b>-16</b>	<b>0</b>	<b>-484</b>
Deposits	-269	-162	-79	-19	-43	-15	-1	-518
Securities	25	3	-2	-2	-1	0	0	152
Liabilities to banks	-252	-123	-75	-24	-37	-12	-3	-414
Liabilities to non-banks	-62	-34	-3	3	-5	-4	3	-70
US dollar	-166	-87	-25	-13	-17	5	0	-214
Euro	-114	-34	-33	-4	-10	-18	-1	-156
<b>Foreign currency liabilities to residents</b>	<b>-143</b>	<b>-10</b>	<b>11</b>	<b>..</b>	<b>6</b>	<b>5</b>	<b>-1</b>	<b>-142</b>

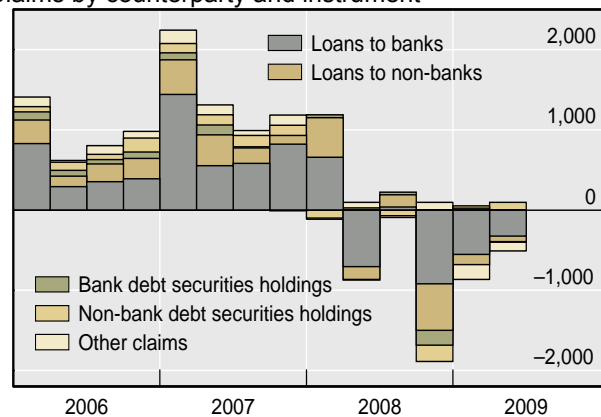
### Cross-border positions

Exchange rate adjusted changes in stocks

#### Claims by vis-à-vis country



#### Claims by counterparty and instrument



<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/bankstats.htm> (Tables 1–7B). <sup>2</sup> Taking into account exchange rate effects on outstanding balances in non-dollar currencies.

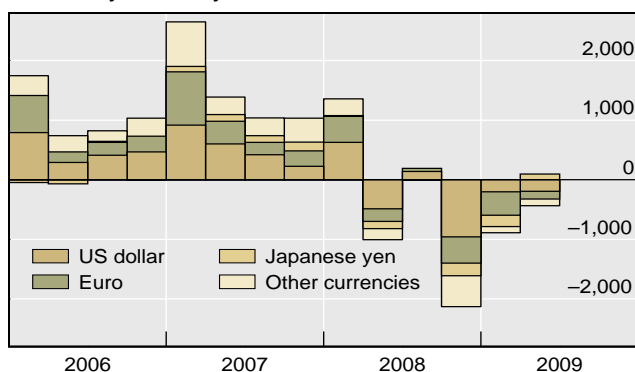
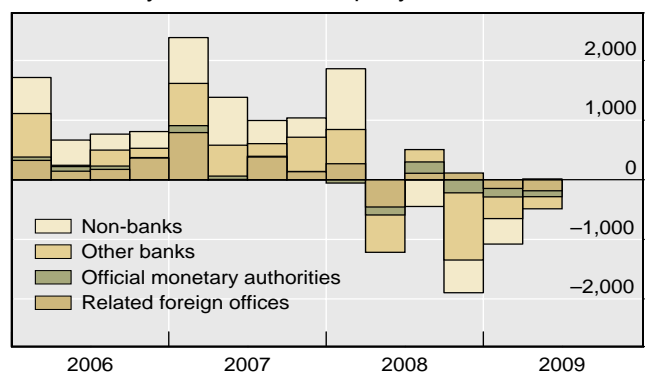
**Table 1B: International positions of banks by nationality of head office, June 2009<sup>1</sup>**

In billions of US dollars

	Nationality of banks										All countries
	France	Germany	Italy	Netherlands	Spain	Switzerland	United Kingdom	Japan	United States	Emerging markets	
<b>Amounts outstanding</b>											
<b>Total claims</b>	<b>4,021</b>	<b>5,025</b>	<b>1,102</b>	<b>2,058</b>	<b>974</b>	<b>2,864</b>	<b>3,854</b>	<b>3,156</b>	<b>3,585</b>	<b>938</b>	<b>34,084</b>
on banks	2,686	2,765	699	1,182	553	1,906	2,137	1,318	2,607	491	20,066
on related foreign offices	1,080	1,455	303	565	374	784	971	570	1,572	134	9,611
on other banks	1,581	1,290	395	614	179	1,102	1,148	740	1,026	339	10,319
on official monetary institutions	25	20	0	3	1	20	18	8	10	18	137
on non-banks	1,335	2,259	403	876	421	958	1,717	1,838	978	447	14,018
US dollar	1,256	1,572	187	501	332	1,278	1,616	1,541	2,535	664	13,201
Euro	2,041	2,660	822	1,082	476	761	1,260	549	492	85	12,315
Other currencies	724	793	94	474	166	825	977	1,066	558	189	8,568
<b>Estimated exchange rate adjusted changes during the quarter<sup>2</sup></b>											
<b>Total claims</b>	<b>29</b>	<b>-23</b>	<b>-22</b>	<b>-91</b>	<b>51</b>	<b>-60</b>	<b>-76</b>	<b>193</b>	<b>-232</b>	<b>8</b>	<b>-342</b>
on banks	22	-47	6	-86	25	-82	-35	127	-165	2	-295
on related foreign offices	-10	-7	23	-57	14	-57	4	40	-35	5	-68
on other banks	25	-44	-17	-25	11	-28	-42	79	-127	1	-244
on official monetary institutions	7	4	0	-4	0	2	4	8	-3	-4	17
on non-banks	7	24	-27	-5	26	22	-41	67	-68	6	-47
US dollar	60	40	-5	-19	19	-154	-14	67	-143	10	-195
Euro	-13	-59	2	-39	18	9	-26	50	-46	-1	-127
Other currencies	-18	-4	-19	-33	14	85	-35	75	-43	0	-20
<b>Amounts outstanding</b>											
<b>Total liabilities</b>	<b>3,847</b>	<b>3,711</b>	<b>1,095</b>	<b>2,102</b>	<b>1,004</b>	<b>3,097</b>	<b>3,906</b>	<b>1,790</b>	<b>4,283</b>	<b>1,007</b>	<b>32,613</b>
to banks	2,663	2,691	759	1,118	612	1,838	1,979	1,171	2,389	538	19,624
to related foreign offices	1,004	1,465	243	589	346	1,105	844	509	1,503	88	9,276
to other banks	1,537	1,149	488	489	235	708	1,032	631	737	417	9,498
to official monetary institutions	123	77	28	40	31	25	104	31	149	33	849
to non-banks	1,184	1,019	336	984	392	1,259	1,926	619	1,894	469	12,989
US dollar	1,325	1,404	194	491	367	1,385	1,441	914	3,253	664	13,785
Euro	1,707	1,417	752	921	438	835	1,125	288	498	97	10,149
Other currencies	815	890	149	690	200	877	1,340	588	532	245	8,679
<b>Estimated exchange rate adjusted changes during the quarter<sup>2</sup></b>											
<b>Total liabilities</b>	<b>20</b>	<b>-74</b>	<b>-2</b>	<b>-77</b>	<b>39</b>	<b>-112</b>	<b>-6</b>	<b>61</b>	<b>-184</b>	<b>17</b>	<b>-473</b>
to banks	2	-42	8	-57	28	-83	-28	57	-223	14	-488
to related foreign offices	-23	23	-4	-66	23	-69	24	48	-108	7	-185
to other banks	50	-43	14	12	6	-12	-35	8	-121	9	-203
to official monetary institutions	-24	-23	-2	-3	-1	-2	-17	2	6	-2	-100
to non-banks	18	-31	-10	-19	11	-29	22	4	39	2	15
US dollar	32	-16	0	-26	17	-180	35	-4	-126	10	-283
Euro	4	-60	5	-36	12	-7	-16	42	-24	-1	-109
Other currencies	-16	3	-8	-15	10	75	-25	23	-35	8	-81

**International positions of BIS reporting banks**

Exchange rate adjusted changes in stocks

**Claims by currency**

**Liabilities by sector of counterparty**


<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/bankstats.htm> (Tables 8A–8B). <sup>2</sup> Taking into account exchange rate effects on outstanding balances in non-dollar currencies.

**Table 2A: Consolidated claims, immediate borrower basis, June 2009<sup>1</sup>**

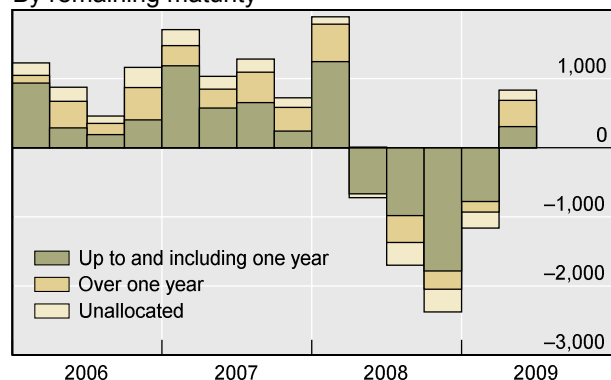
Amounts outstanding, in billions of US dollars

	Vis-à-vis developed countries				Vis-à-vis offshore centres	Vis-à-vis emerging markets					All countries
	Total	United States	Euro area	Japan		Total	Africa	Asia	Europe	Latin America	
<b>Foreign claims</b>	<b>24,729</b>	<b>5,809</b>	<b>11,018</b>	<b>1,078</b>	<b>2,125</b>	<b>4,228</b>	<b>583</b>	<b>1,284</b>	<b>1,417</b>	<b>945</b>	<b>31,168</b>
<b>International claims</b>	<b>16,302</b>	<b>2,679</b>	<b>8,368</b>	<b>603</b>	<b>1,704</b>	<b>2,411</b>	<b>376</b>	<b>797</b>	<b>866</b>	<b>372</b>	<b>20,502</b>
Up to and including one year	8,209	982	3,823	480	791	1,046	157	424	307	158	10,065
Over one year	5,548	1,079	3,213	76	615	1,157	199	280	497	182	7,356
Unallocated by maturity	2,545	618	1,332	46	298	208	20	94	61	32	3,081
<b>Local currency claims</b>	<b>8,427</b>	<b>3,130</b>	<b>2,650</b>	<b>475</b>	<b>421</b>	<b>1,817</b>	<b>206</b>	<b>487</b>	<b>552</b>	<b>573</b>	<b>10,666</b>
<b>Local currency liabilities</b>	<b>6,634</b>	<b>2,849</b>	<b>1,869</b>	<b>309</b>	<b>430</b>	<b>1,384</b>	<b>187</b>	<b>366</b>	<b>350</b>	<b>482</b>	<b>8,449</b>
<b>Unadjusted changes during the quarter<sup>2</sup></b>											
<i>Foreign claims</i>	1,145	-143	569	166	39	207	15	44	84	64	1,406
<i>International claims</i>	739	-27	374	115	3	77	0	41	26	10	833
<i>Local currency claims</i>	406	-116	195	51	36	130	15	3	58	54	572
<i>Local currency liabilities</i>	275	-102	160	16	17	107	16	12	34	46	399
<b>Nationality of reporting banks:</b>											
<b>Domestically owned banks (total)</b>											
<b>Foreign claims</b>											
<b>Domestically owned banks (total)</b>	<b>20,538</b>	<b>5,454</b>	<b>8,697</b>	<b>806</b>	<b>2,051</b>	<b>4,004</b>	<b>543</b>	<b>1,182</b>	<b>1,368</b>	<b>911</b>	<b>26,677</b>
Euro area	10,708	2,048	5,571	315	549	2,128	237	304	1,085	502	13,427
Switzerland	1,499	698	381	105	163	148	21	55	44	27	1,814
United Kingdom	2,580	1,209	1,017	98	495	597	193	270	36	98	3,689
Japan	1,793	867	534	0	389	201	26	127	23	26	2,383
United States	1,775	0	674	272	263	539	43	258	56	182	2,577
Other countries <sup>3</sup>	2,183	631	520	17	192	391	24	168	124	76	2,786
<b>Other foreign banks</b>	<b>4,191</b>	<b>355</b>	<b>2,322</b>	<b>272</b>	<b>74</b>	<b>225</b>	<b>40</b>	<b>102</b>	<b>49</b>	<b>34</b>	<b>4,492</b>
<b>International claims, all maturities</b>											
<b>Domestically owned banks (total)</b>	<b>12,111</b>	<b>2,324</b>	<b>6,047</b>	<b>331</b>	<b>1,630</b>	<b>2,187</b>	<b>337</b>	<b>695</b>	<b>817</b>	<b>338</b>	<b>16,011</b>
Euro area	6,598	878	3,776	127	499	1,153	166	229	599	160	8,293
Switzerland	730	142	305	61	156	113	18	43	35	16	1,003
United Kingdom	1,227	438	605	50	234	220	75	92	27	26	1,698
Japan	1,494	648	501	0	359	164	26	90	23	25	2,016
United States	1,123	0	550	83	230	272	29	136	35	73	1,625
Other countries <sup>3</sup>	939	217	311	9	153	265	23	106	98	38	1,376
<b>Other foreign banks</b>	<b>4,191</b>	<b>355</b>	<b>2,322</b>	<b>272</b>	<b>74</b>	<b>225</b>	<b>40</b>	<b>102</b>	<b>49</b>	<b>34</b>	<b>4,492</b>
<b>International claims, short-term</b>											
<b>Domestically owned banks (total)</b>	<b>5,087</b>	<b>784</b>	<b>2,247</b>	<b>202</b>	<b>743</b>	<b>920</b>	<b>141</b>	<b>356</b>	<b>276</b>	<b>148</b>	<b>6,765</b>
Euro area	2,714	349	1,252	69	199	411	58	88	201	64	3,328
Switzerland	450	82	188	27	111	55	14	18	16	7	618
United Kingdom	506	183	242	24	121	106	31	50	12	13	735
Japan	162	49	56	0	42	54	7	37	6	5	258
United States	764	0	354	74	199	195	22	111	16	46	1,159
Other countries <sup>3</sup>	491	120	155	7	71	99	9	52	24	14	668
<b>Other foreign banks</b>	<b>3,122</b>	<b>198</b>	<b>1,576</b>	<b>279</b>	<b>47</b>	<b>126</b>	<b>16</b>	<b>68</b>	<b>31</b>	<b>10</b>	<b>3,300</b>

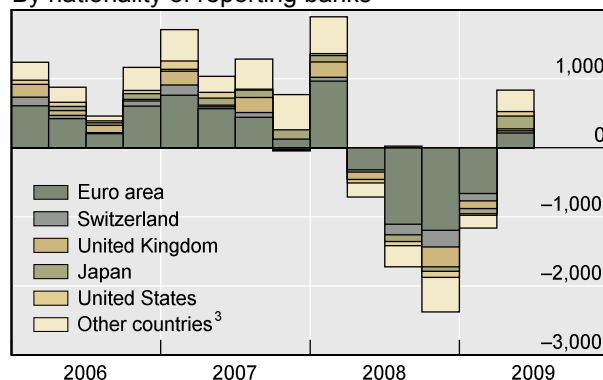
**International claims of BIS reporting banks on an immediate borrower basis<sup>4</sup>**

 Changes in stocks<sup>2</sup>

By remaining maturity



By nationality of reporting banks



<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/consstats.htm> and <http://www.bis.org/statistics/consstatsweb.htm> (Tables 9A–9B and CB10). <sup>2</sup> Quarterly difference in outstanding stocks, excluding effects of breaks in series. <sup>3</sup> Domestically owned banks in other reporting countries. <sup>4</sup> Worldwide consolidated positions of domestically owned banks and unconsolidated positions of foreign banks in 30 reporting countries.

**Table 2B: Consolidated claims, ultimate risk basis, June 2009<sup>1</sup>**

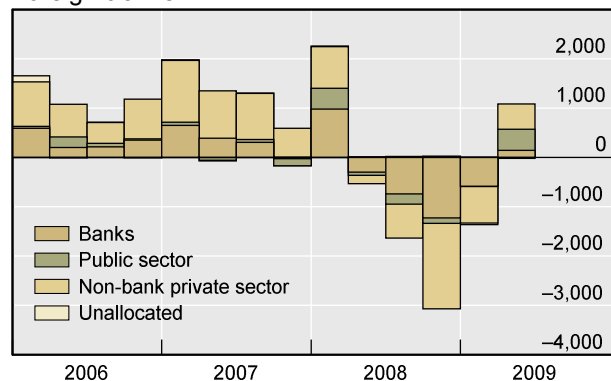
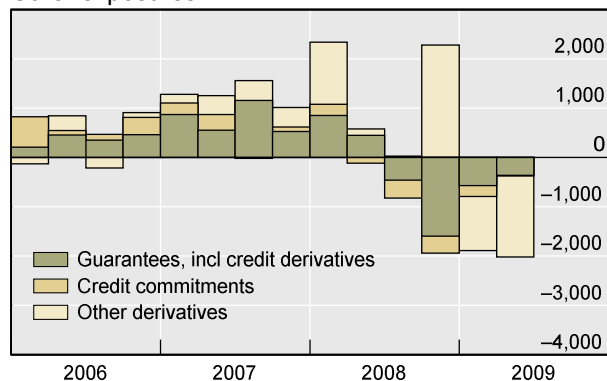
Amounts outstanding, in billions of US dollars

	Vis-à-vis developed countries				Vis-à-vis offshore centres	Vis-à-vis emerging markets					All countries
	Total	United States	Euro area	Japan		Total	Africa	Asia	Europe	Latin America	
<b>Foreign claims</b>	<b>20,165</b>	<b>5,505</b>	<b>8,575</b>	<b>834</b>	<b>1,609</b>	<b>3,831</b>	<b>518</b>	<b>1,093</b>	<b>1,325</b>	<b>896</b>	<b>25,680</b>
Banks	5,345	989	2,522	204	154	704	95	267	220	123	6,213
Public sector	3,519	819	1,820	356	126	796	78	214	252	252	4,492
Non-bank private sector	11,144	3,637	4,199	273	1,314	2,313	345	611	837	520	14,778
Unallocated	157	59	28	2	14	18	1	1	15	1	197
<b>Cross-border claims</b>	<b>10,961</b>	<b>2,435</b>	<b>5,772</b>	<b>308</b>	<b>1,084</b>	<b>1,645</b>	<b>297</b>	<b>530</b>	<b>548</b>	<b>269</b>	<b>13,757</b>
<b>Local claims in all currencies</b>	<b>9,205</b>	<b>3,070</b>	<b>2,781</b>	<b>527</b>	<b>525</b>	<b>2,186</b>	<b>221</b>	<b>562</b>	<b>776</b>	<b>627</b>	<b>11,923</b>
<b>Unadjusted changes during the quarter<sup>2</sup></b>											
Foreign claims	821	-69	409	96	41	192	24	32	69	67	1,065
Cross-border claims	362	47	200	39	5	48	7	18	12	11	424
Local claims in all currencies	459	-116	203	57	37	144	16	15	57	57	641
<b>Nationality of reporting banks<sup>3</sup></b>											
<b>Foreign claims</b>											
<b>Total</b>	<b>20,165</b>	<b>5,505</b>	<b>8,575</b>	<b>834</b>	<b>1,609</b>	<b>3,831</b>	<b>518</b>	<b>1,093</b>	<b>1,325</b>	<b>896</b>	<b>25,680</b>
Euro area	10,501	2,051	5,452	306	470	2,074	224	289	1,064	497	13,079
France	2,925	690	1,491	203	132	405	116	96	153	40	3,469
Germany	2,869	598	1,403	55	191	372	53	85	200	33	3,439
Italy	773	49	638	7	20	196	12	8	169	6	996
Spain	905	194	289	2	20	390	5	5	10	370	1,317
Switzerland	1,551	716	439	100	109	132	18	48	37	29	1,798
United Kingdom	2,670	1,202	1,082	114	460	587	190	265	35	97	3,733
Japan	1,792	945	500	0	224	182	24	107	23	28	2,198
United States	1,766	0	659	293	208	519	41	246	51	181	2,493
Other countries	1,885	591	443	22	138	337	21	137	114	65	2,379
<b>Cross-border claims</b>											
<b>Total</b>	<b>10,961</b>	<b>2,435</b>	<b>5,772</b>	<b>308</b>	<b>1,084</b>	<b>1,645</b>	<b>297</b>	<b>530</b>	<b>548</b>	<b>269</b>	<b>13,757</b>
Euro area	6,029	941	3,565	113	395	896	160	202	407	127	7,355
France	1,577	229	890	55	103	207	66	62	53	26	1,895
Germany	2,063	414	1,147	35	177	272	52	71	120	29	2,520
Italy	348	30	249	5	18	47	6	8	27	6	420
Spain	250	32	164	1	16	51	5	5	5	36	318
Switzerland	675	142	363	56	87	93	15	35	20	22	860
United Kingdom	1,266	439	638	44	176	157	54	60	23	19	1,615
Japan	1,494	738	466	0	191	132	24	60	22	27	1,818
United States	866	0	519	82	162	217	25	110	25	57	1,245
Other countries	631	175	222	13	73	149	19	63	51	16	864
<b>Other exposures</b>											
Derivatives contracts	4,289	1,242	1,639	111	194	223	36	105	34	49	4,718
Guarantees extended	7,875	1,077	3,040	249	509	745	110	225	259	150	9,129
Credit commitments	2,894	999	1,064	54	410	606	102	161	167	176	3,916

**Consolidated claims and other exposures of BIS reporting banks on an ultimate risk basis**

 Changes in stocks<sup>2</sup>

Foreign claims

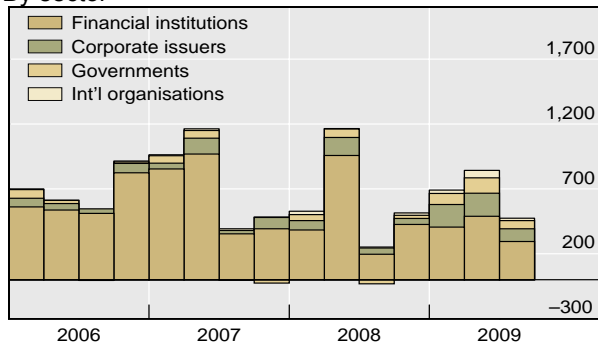
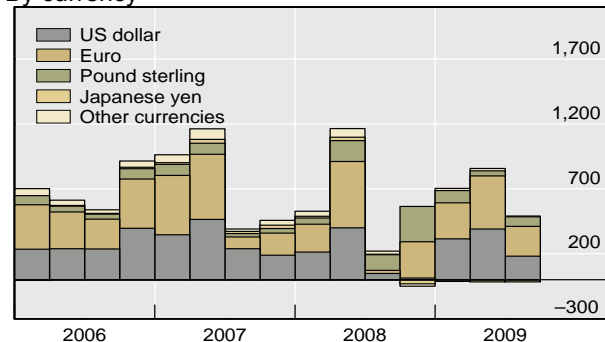

 Other exposures<sup>4</sup>


<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/consstats/htm> (Tables 9C–9D). <sup>2</sup> Quarterly difference in outstanding stocks, excluding effects of breaks in series. <sup>3</sup> Worldwide consolidated positions of domestically owned banks of 24 reporting countries. <sup>4</sup> Derivatives relate to positive market values recorded as on- or off-balance sheet items. Credit commitments and guarantees are recorded as off-balance sheet items.

**Table 3A: International debt securities issuance, September 2009<sup>1</sup>**

In billions of US dollars

	Developed countries				Off-shore centres	Emerging markets					Int'l organisations	All countries
	Total	United States	Euro area	Japan		Total	Africa	Asia	Europe	Latin America		
<b>Amounts outstanding</b>												
<b>Total issues</b>	<b>23,594</b>	<b>5,933</b>	<b>11,835</b>	<b>176</b>	<b>1,514</b>	<b>987</b>	<b>134</b>	<b>284</b>	<b>252</b>	<b>316</b>	<b>804</b>	<b>26,898</b>
<b>Money market instruments</b>	<b>1,037</b>	<b>64</b>	<b>556</b>	<b>2</b>	<b>26</b>	<b>10</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>1,078</b>
Financial institutions	930	61	470	2	26	9	1	7	0	1	0	965
Corporate issuers	50	4	38	0	0	0	0	0	0	0	0	50
Governments	57	0	48	0	0	0	0	0	0	0	0	57
US dollar	300	44	151	0	9	5	0	4	0	1	4	318
Euro	539	15	335	0	9	1	1	0	0	0	0	550
Other currencies	197	5	70	2	9	3	0	2	0	0	1	210
<b>Bonds and notes</b>	<b>22,556</b>	<b>5,869</b>	<b>11,279</b>	<b>173</b>	<b>1,488</b>	<b>977</b>	<b>133</b>	<b>277</b>	<b>252</b>	<b>315</b>	<b>799</b>	<b>25,820</b>
Financial institutions	18,275	4,672	9,016	118	1,403	261	45	135	46	35	0	19,939
Corporate issuers	2,633	1,185	829	52	46	222	43	84	27	67	0	2,901
Governments	1,648	11	1,435	3	39	495	44	58	179	213	0	2,182
US dollar	7,207	4,842	1,064	34	1,024	672	92	221	111	248	261	9,164
Euro	11,741	658	9,288	19	233	197	17	18	120	43	251	12,422
Other currencies	3,609	369	927	120	231	109	24	38	22	24	286	4,234
Floating rate	7,721	1,282	4,073	21	613	109	41	40	18	10	53	8,496
Straight fixed rate	14,517	4,511	7,077	107	814	814	84	193	232	305	746	16,890
Equity-related	318	75	129	45	61	55	8	44	3	0	0	434
<b>Net issuance during the quarter</b>												
<b>Total issues</b>	<b>417</b>	<b>49</b>	<b>227</b>	<b>-2</b>	<b>4</b>	<b>34</b>	<b>8</b>	<b>12</b>	<b>2</b>	<b>13</b>	<b>19</b>	<b>475</b>
<b>Money market instruments</b>	<b>37</b>	<b>3</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>
Financial institutions	51	2	24	0	2	1	0	0	0	0	0	54
Corporate issuers	-6	0	-4	0	0	0	0	0	0	0	0	-6
Governments	-7	0	-7	0	0	0	0	0	0	0	0	-7
US dollar	10	-5	3	0	2	0	0	0	0	0	-1	12
Euro	38	8	17	0	0	0	0	0	0	0	0	39
Other currencies	-11	0	-6	0	0	1	0	0	0	0	0	-10
<b>Bonds and notes</b>	<b>380</b>	<b>47</b>	<b>213</b>	<b>-2</b>	<b>2</b>	<b>33</b>	<b>8</b>	<b>11</b>	<b>2</b>	<b>12</b>	<b>19</b>	<b>434</b>
Financial institutions	232	0	131	0	1	8	1	9	-2	0	0	241
Corporate issuers	86	46	39	-2	1	16	6	2	-1	9	0	104
Governments	62	0	43	0	0	9	0	1	4	4	0	71
US dollar	125	65	33	0	5	30	6	10	2	12	10	170
Euro	189	-7	182	-1	-7	-1	0	0	-1	0	10	192
Other currencies	66	-11	-2	-2	3	4	2	1	1	0	-1	73
Floating rate	-9	-69	41	0	-5	1	2	0	-1	-2	7	-7
Straight fixed rate	381	109	168	0	2	34	6	12	2	14	12	429
Equity-related	8	7	3	-2	5	-1	0	-1	0	0	0	12
<i>Memo: Announced international equity issuance</i>	<i>124</i>	<i>36</i>	<i>21</i>	<i>6</i>	<i>5</i>	<i>44</i>	<i>3</i>	<i>26</i>	<i>7</i>	<i>8</i>	<i>0</i>	<i>172</i>

**Net international debt securities issuance**
**By sector**

**By currency**


<sup>1</sup> Detailed breakdowns and time series data, including for gross international debt securities issuance, are available at <http://www.bis.org/statistics/secstats.htm> (Tables 11, 12A–D, 13A–B, 14A–B, 15A–B and 17B).



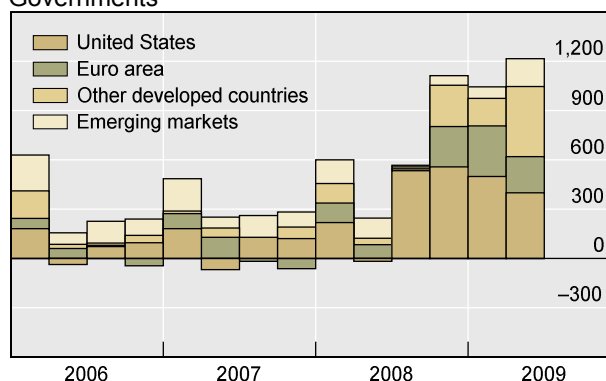
**Table 3B: Domestic debt securities issuance, June 2009<sup>1</sup>**

In billions of US dollars

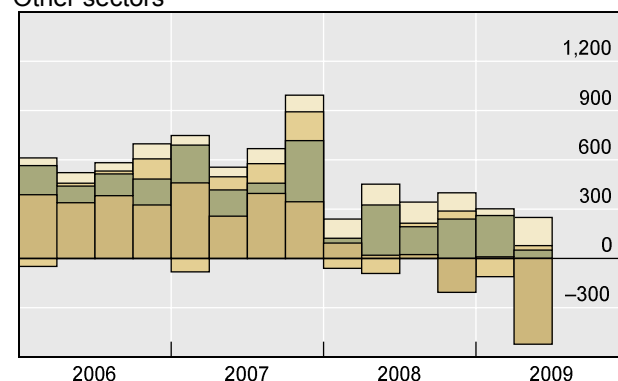
Amounts outstanding											
	All countries	United States	Euro area	France	Germany	Italy	Spain	Other developed	Canada	Japan	United Kingdom
<b>Total issues</b>	<b>61,985</b>	<b>24,913</b>	<b>14,357</b>	<b>3,116</b>	<b>2,800</b>	<b>3,533</b>	<b>1,976</b>	<b>15,600</b>	<b>1,145</b>	<b>10,752</b>	<b>1,541</b>
Governments	32,096	8,779	7,295	1,638	1,506	1,919	646	11,415	772	8,958	1,091
Of which: short-term <sup>2</sup>	9,020	2,659	1,746	404	439	460	148	2,931	195	2,462	152
Financial institutions	23,166	13,294	5,011	1,218	969	1,166	614	3,171	249	1,054	427
Of which: short-term <sup>2</sup>	6,939	3,006	1,697	581	896	23	107	1,466	106	354	427
Corporate issuers	6,723	2,840	2,051	260	325	448	716	1,014	125	740	23
Of which: short-term <sup>2</sup>	708	131	252	70	44	2	40	164	10	128	0
Changes in stocks during the quarter											
	All countries	United States	Euro area	France	Germany	Italy	Spain	Other developed	Canada	Japan	United Kingdom
<b>Total issues</b>	<b>942</b>	<b>-125</b>	<b>272</b>	<b>42</b>	<b>65</b>	<b>43</b>	<b>91</b>	<b>455</b>	<b>13</b>	<b>284</b>	<b>71</b>
Governments	1,217	399	220	72	67	8	50	428	18	264	99
Of which: short-term <sup>3</sup>	231	-27	75	24	41	7	9	160	3	122	15
Financial institutions	-391	-491	15	-32	-12	28	28	17	-9	14	-21
Of which: short-term <sup>3</sup>	-200	-155	-64	-11	-36	0	-13	-16	-7	25	-21
Corporate issuers	116	-33	36	2	10	7	13	10	4	5	-7
Of which: short-term <sup>3</sup>	-57	-19	-26	-14	-10	0	-1	-11	-1	-10	0
	Emerging markets	Brazil	China	Chinese Taipei	Czech Republic	India	Malaysia	Mexico	South Africa	South Korea	Turkey
<b>Total issues</b>	<b>7,115</b>	<b>1,088</b>	<b>2,307</b>	<b>209</b>	<b>109</b>	<b>520</b>	<b>178</b>	<b>350</b>	<b>123</b>	<b>945</b>	<b>198</b>
Governments	4,607	685	1,391	127	88	459	85	202	76	384	197
Of which: short-term <sup>2</sup>	1,684	282	715	17	48	31	1	77	20	130	8
Financial institutions	1,691	396	647	29	16	46	39	121	29	302	0
Of which: short-term <sup>2</sup>	770	396	71	4	0	46	17	31	6	185	0
Corporate issuers	817	7	269	53	5	14	53	27	18	258	0
Of which: short-term <sup>2</sup>	162	7	57	21	0	14	2	2	1	50	0
	Emerging markets	Brazil	China	Chinese Taipei	Czech Republic	India	Malaysia	Mexico	South Africa	South Korea	Turkey
<b>Total issues</b>	<b>340</b>	<b>35</b>	<b>115</b>	<b>0</b>	<b>5</b>	<b>40</b>	<b>10</b>	<b>18</b>	<b>7</b>	<b>70</b>	<b>6</b>
Governments	170	14	38	2	4	30	7	11	5	23	6
Of which: short-term <sup>3</sup>	23	23	-27	-1	1	-1	0	4	3	0	-2
Financial institutions	67	21	24	0	0	6	3	5	0	6	0
Of which: short-term <sup>3</sup>	35	21	0	0	0	6	1	3	0	5	0
Corporate issuers	103	0	53	-3	0	5	0	1	1	40	0
Of which: short-term <sup>3</sup>	-1	0	-4	-1	0	5	-1	0	0	0	0

### Changes in stocks of domestic debt securities

#### Governments



#### Other sectors<sup>4</sup>



Euro area: Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, the Netherlands, Portugal, Slovakia, Spain; Other developed countries: Australia, Canada, Denmark, Iceland, Japan, New Zealand, Norway, Sweden, Switzerland, the United Kingdom; Emerging markets: Argentina, Brazil, Chile, China, Chinese Taipei, Colombia, Croatia, the Czech Republic, Hong Kong SAR, Hungary, India, Indonesia, Lebanon, Malaysia, Mexico, Pakistan, Peru, the Philippines, Poland, Russia, Singapore, South Africa, South Korea, Thailand, Turkey, Venezuela.

<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/secstats.htm> (Tables 16A–16B and 17A). <sup>2</sup> Issues with a remaining maturity to final repayment of up to one year. <sup>3</sup> Money market instruments. <sup>4</sup> Financial institutions plus corporate issuers.

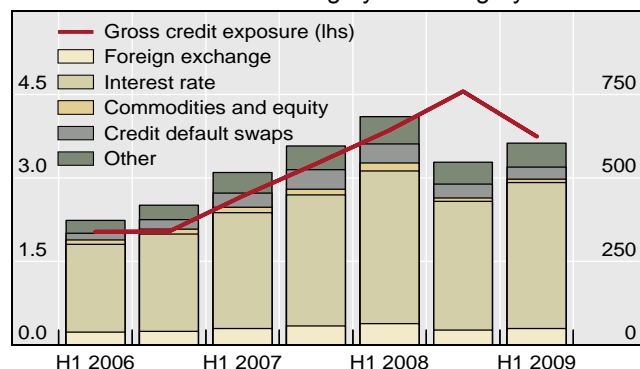
**Table 4: Global OTC derivatives market, end-June 2009<sup>1</sup>**

In billions of US dollars

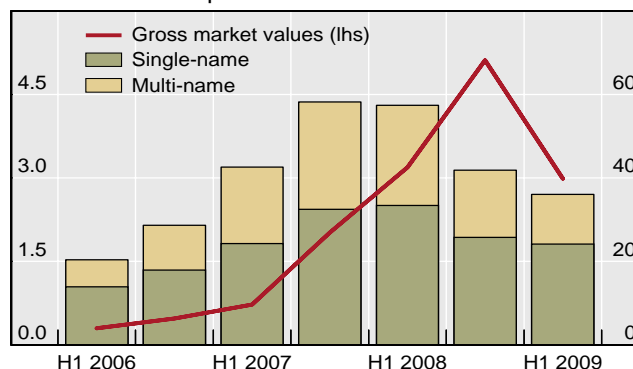
	Forwards and swaps				Options			
	Total	with reporting dealers	with other financial institutions	with non-financial customers	Total	with reporting dealers	with other financial institutions	with non-financial customers
<b>Notional amounts outstanding</b>								
<b>All contracts<sup>2</sup></b>	<b>529,893</b>	<b>179,430</b>	<b>298,471</b>	<b>49,777</b>	<b>74,729</b>	<b>35,088</b>	<b>31,040</b>	<b>6,580</b>
<b>Foreign exchange</b>	<b>38,179</b>	<b>14,033</b>	<b>17,370</b>	<b>6,777</b>	<b>10,596</b>	<b>4,858</b>	<b>4,071</b>	<b>1,666</b>
US dollar	32,521	12,671	14,953	4,898	8,216	3,961	2,985	1,269
Euro	16,794	5,723	7,484	3,587	3,859	1,753	1,297	809
Japanese yen	7,141	3,248	2,826	1,067	4,297	2,106	1,662	529
Pound sterling	5,600	1,780	2,573	1,246	613	233	255	125
Other	14,303	4,644	6,904	2,755	4,206	1,663	1,943	600
Up to one year	23,752	9,270	9,871	4,611	6,551	3,190	2,293	1,068
Over one year	14,427	4,763	7,499	2,165	4,045	1,669	1,779	597
<i>Memo: Exchange-traded<sup>3</sup></i>	136	.	.	.	104	.	.	.
<b>Interest rate</b>	<b>388,684</b>	<b>124,323</b>	<b>229,108</b>	<b>35,253</b>	<b>48,513</b>	<b>23,827</b>	<b>20,961</b>	<b>3,726</b>
US dollar	136,993	45,569	79,202	12,222	17,174	7,590	8,123	1,460
Euro	136,441	41,261	85,662	9,518	24,204	12,607	9,859	1,739
Japanese yen	54,271	18,404	28,508	7,359	3,181	1,990	1,069	121
Pound sterling	30,285	8,174	18,919	3,192	2,306	927	1,177	202
Other	30,694	10,915	16,816	2,964	1,649	712	733	203
Up to one year	150,630	58,058	78,782	13,790	8,513	4,578	3,141	794
Over one year	238,054	66,265	150,326	21,463	40,001	19,249	17,820	2,931
<i>Memo: Exchange-traded<sup>3</sup></i>	18,812	.	.	.	38,920	.	.	.
<b>Equity</b>	<b>1,709</b>	<b>447</b>	<b>979</b>	<b>283</b>	<b>4,910</b>	<b>2,209</b>	<b>2,298</b>	<b>403</b>
<i>Memo: Exchange-traded<sup>3</sup></i>	743	.	.	.	4,734	.	.	.
<b>Commodities</b>	<b>1,950</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>1,779</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Credit default swaps</b>	<b>36,046</b>	<b>19,184</b>	<b>15,347</b>	<b>1,516</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Unallocated</b>	<b>63,325</b>	<b>21,443</b>	<b>35,669</b>	<b>5,949</b>	<b>8,930</b>	<b>4,193</b>	<b>3,709</b>	<b>786</b>
<b>Gross market values</b>								
<b>All contracts</b>	<b>21,825</b>	<b>7,067</b>	<b>13,215</b>	<b>1,543</b>	<b>2,770</b>	<b>1,383</b>	<b>1,134</b>	<b>254</b>
<b>Foreign exchange</b>	<b>2,081</b>	<b>703</b>	<b>942</b>	<b>437</b>	<b>389</b>	<b>190</b>	<b>125</b>	<b>75</b>
US dollar	1,650	609	743	299	312	158	97	57
Euro	917	266	421	230	115	50	34	31
Japanese yen	336	135	136	65	195	110	52	34
Pound sterling	416	132	179	105	18	7	6	5
Other	843	264	405	175	139	55	60	23
<b>Interest rate</b>	<b>14,064</b>	<b>4,031</b>	<b>9,317</b>	<b>716</b>	<b>1,414</b>	<b>728</b>	<b>611</b>	<b>75</b>
US dollar	5,844	1,790	3,759	295	628	309	288	31
Euro	5,629	1,444	3,924	262	625	341	252	32
Japanese yen	743	278	425	39	57	36	19	2
Pound sterling	1,044	229	741	74	74	30	38	6
Other	804	290	469	45	29	12	13	4
<b>Equity</b>	<b>225</b>	<b>58</b>	<b>130</b>	<b>37</b>	<b>654</b>	<b>309</b>	<b>270</b>	<b>75</b>
<b>Credit default swaps</b>	<b>2,987</b>	<b>1,476</b>	<b>1,332</b>	<b>179</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Unallocated</b>	<b>2,467</b>	<b>799</b>	<b>1,494</b>	<b>174</b>	<b>313</b>	<b>156</b>	<b>128</b>	<b>29</b>

**Global OTC derivatives<sup>4</sup>**

Notional amounts outstanding by risk category



Credit default swaps



<sup>1</sup> Detailed breakdowns and time series data are available at <http://www.bis.org/statistics/derstats.htm> (Tables 19, 20A–C, 21A–C, 22A–C and 23A–B). <sup>2</sup> Due to incomplete counterparty breakdowns for the commodity derivatives, components do not add up to the total. <sup>3</sup> Futures and options. Data on exchange-traded and OTC derivatives are not directly comparable; the former refers to open interest while the latter refers to gross positions. <sup>4</sup> In trillions of US dollars.

## Notes to tables

Data for the most recent period are provisional. Data on changes in stocks have been calculated by converting the relevant stocks into their original currencies using end-of-period exchange rates and subsequently converting the changes in stocks into US dollar amounts using period average rates. Flow and turnover data have been calculated by converting flows and turnover in original currencies into US dollar amounts using period average exchange rates.

Tables 1A–1B The data in Tables 1A–1B (the locational BIS banking statistics) cover banks' unconsolidated gross international on-balance sheet assets and liabilities. These data are based on the residence of the reporting institution and therefore measure the activities of all banking offices residing in each reporting country. Such offices report exclusively on their own unconsolidated business, which thus includes international transactions with any of their own affiliates. BIS reporting banks include banks residing in the G10 countries, plus Australia, Austria, the Bahamas, Bahrain, Bermuda, Brazil, the Cayman Islands, Chile, Chinese Taipei, Cyprus, Denmark, Finland, Greece, Guernsey, Hong Kong SAR, India, Ireland, Isle of Man, Jersey, Korea, Luxembourg, Macao SAR, Malaysia, Mexico, the Netherlands Antilles, Norway, Panama, Portugal, Singapore, Spain and Turkey. Breakdowns by currency are compiled from actual reported data and do not include any estimates done by the BIS for reporting countries that provide incomplete or partial currency information. Table 1A provides aggregated figures by residence of banks in all reporting countries. Table 1B provides figures by nationality of banks in reporting countries. The nationality statistics are prepared by regrouping the locational data into categories based on the control or ownership of the banking offices in question. Thus, for a reporting country, total assets and total liabilities of all banks reported under locational by residence statistics should be equal to the total assets and total liabilities of all banks reported under nationality statistics. Detailed tables, including time series data in CSV files, guidelines and information on breaks in series in the locational banking statistics, are available on the BIS website under <http://www.bis.org/statistics/bankstats.htm>.

Tables 2A–2B The consolidated statistics are based mainly on the country of incorporation of the reporting institutions and measure the international lending activities of banks' head offices in the reporting countries and all their offices at home and abroad, with positions between offices of the same bank being netted out. The data in Table 2A cover BIS reporting banks' worldwide consolidated claims on an immediate borrower basis. These contractual claims are not adjusted for risk mitigants, such as guarantees and collateral. The 30 reporting countries comprise the G10 countries plus Australia, Austria, Brazil, Chile, Chinese Taipei, Denmark, Finland, Greece, Hong Kong SAR, India, Ireland, Luxembourg, Mexico, Norway, Panama, Portugal, Singapore, Spain and Turkey. The data in Table 2B cover BIS reporting banks' worldwide consolidated claims on an ultimate risk basis. These contractual claims are adjusted for risk mitigants, such as guarantees and collateral. The reporting population is a subset of 24 countries which reports both sets of data and comprises Australia, Austria, Belgium, Canada, Chile, Chinese Taipei, Finland, France, Germany, Greece, India, Ireland, Italy, Japan, the Netherlands, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The data in Table 2A cover both foreign and international claims, while Table 2B covers foreign claims only. International claims are defined as BIS reporting banks' cross-border claims in all currencies plus the local claims of their foreign affiliates in foreign currency. Foreign claims include, in addition, reporting banks' foreign affiliates' local claims in local currency, as shown below.

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### Types of claims

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<b>A</b> Cross-border claims	<b>B</b> Local claims of foreign affiliates in foreign currency	<b>C</b> Local claims of foreign affiliates in local currency	<b>D</b> Domestic claims in the reporting country
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***International claims*** (A + B)

***Foreign claims*** (A + B + C)

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The shaded area indicates claims excluded from the consolidated banking statistics; bold italics indicate claims published within the consolidated banking statistics.

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Austria and Portugal report on a partially consolidated basis. Detailed information on breaks in series in the consolidated banking statistics is available on the BIS website under <http://www.bis.org/statistics/breakstables.pdf>. Data of Brazil is rolled forward from the first quarter of 2009.

Tables 3A–3B     The methodology used to compile the international and domestic debt securities statistics and a description of the coverage can be found on pages 13 to 17 of the *Guide to the international financial statistics*, available at <http://www.bis.org/publ/bispap14.htm>.

The sectoral breakdown presents data based on the sector of the borrower itself and not on the sector of the parent company of the borrower or any guarantor. “Governments” comprise central governments, other governments and central banks. “Financial institutions” comprise commercial banks and other financial institutions.

The international debt securities data include “repackaged securities”, for example the new global issues of Argentina, resulting from the April 2005 exchange offer.

Table 4     The data in Table 4 cover the activity recorded in the global over-the-counter (OTC) and exchange-traded derivatives markets. The data on exchange-traded derivatives are obtained from market sources, while those on OTC derivatives are based on the reporting to the BIS by central banks in major financial centres that in turn collect the information on a consolidated basis from reporting dealers headquartered in their respective countries.

The data on OTC derivatives are available in terms of notional amounts outstanding, gross market values and gross credit exposure. Gross credit exposure excludes credit default swap contracts for all countries except the United States. These statistics are adjusted for inter-dealer double-counting and cover foreign exchange, interest rate, equity, commodity and credit derivatives.

For the exchange-traded derivatives, data on open interest measured in terms of US dollars are available for the main financial derivatives contracts (interest rate, currency and equity-linked derivatives).

Information on the methodology used to compile these statistical sets and a more detailed description of their coverage can be found on pages 18 to 21 of the *Guide to the international financial statistics*, available at <http://www.bis.org/publ/bispap14.htm>.