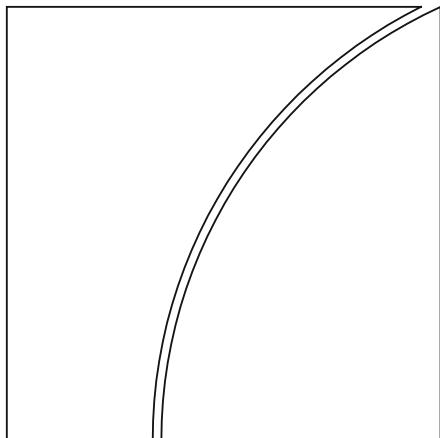




BANK FOR INTERNATIONAL SETTLEMENTS

BIS Statistical Bulletin

March 2017



BIS Statistical Bulletin
Monetary and Economic Department

Queries concerning BIS statistics may be addressed to statistics@bis.org.



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BIS Statistical Bulletin

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The statistics published by the BIS are a unique source of information about the structure of and activity in the global financial system. They are compiled in cooperation with central banks and other national authorities and are designed to inform analysis of financial stability, international monetary spillovers and global liquidity. Some BIS statistics, in particular those on international banking, securities markets and derivatives activity, are part of special collections under the auspices of BIS-hosted committees of central banks. Other BIS statistics draw on national data but incorporate assumptions and estimations by BIS statisticians to construct specific measures, such as global liquidity indicators, aggregate credit figures, debt service ratios and effective exchange rates.

The statistics presented in this *Bulletin* may have been revised or updated subsequent to publication. The latest statistics as well as historical data are available on the BIS website (www.bis.org/statistics/index.htm) on the home page of each dataset. The latest statistics can be explored and downloaded via the BIS Statistics Explorer (stats.bis.org/statx), which presents pre-defined views of the data, or the BIS Statistics Warehouse (stats.bis.org), which supports customised queries. A release calendar provides advance notice of publication dates (www.bis.org/statistics/reocal.htm). This *Bulletin* is published concurrently with the *BIS Quarterly Review*.

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Conventions used in this *Bulletin*

billion	thousand million
trillion	thousand billion
...	not available
.	not applicable
-	nil or negligible
\	suppressed for reasons of confidentiality
\$	US dollar unless specified otherwise

Components may not sum to totals because of rounding or inconsistencies in the underlying data.

The term "country" as used in this publication also covers territorial entities that are not states as understood by international law and practice but for which data are separately and independently maintained.

A Locational banking statistics

www.bis.org/statistics/about_banking_stats.htm

Under the auspices of the Committee on the Global Financial System (CGFS), the BIS compiles and publishes two sets of statistics on international banking activity: the locational banking statistics (LBS) and the consolidated banking statistics (CBS).

The LBS provide information about the currency composition of banks' balance sheets and the geographical breakdown of their counterparties. They capture outstanding claims and liabilities of internationally active banks located in reporting countries against counterparties residing in more than 200 countries. Banks record their positions on an unconsolidated basis, including intragroup positions between offices of the same banking group. The data are compiled following principles that are consistent with balance of payments statistics. Currently banking offices located in 46 countries, including many offshore financial centres, report the LBS. The LBS capture around 93% of all cross-border interbank business.

The availability of a currency breakdown in the LBS, coupled with the reporting of breaks in series arising from changes in methodology, reporting practices or reporting population, enables the BIS to calculate break- and exchange rate-adjusted changes in amounts outstanding. Such adjusted changes approximate underlying flows during a quarter.¹

Extension of domestic credit and external debt measures

The LBS complement monetary and credit aggregates by providing information on banks' cross-border and foreign currency positions. Indeed, the LBS were first compiled in the 1960s to track the growth in US dollar deposits outside the United States. This was especially important in the 1960s and 1970s, when policymakers had concerns about the possible macroeconomic consequences of the expansion of the money supply through the so-called eurocurrency markets (international deposit and loan markets).

Nowadays, extending domestic credit aggregates and supplementing external debt measures are more important uses of the LBS. As international financial crises have shown, banks located abroad can be significant – and volatile – sources of credit. Therefore, the LBS can provide a useful signal regarding potential fragilities in the financial system. In particular, the LBS can help monitor the build-up of vulnerabilities associated with cross-border and foreign currency bank credit. For example, studies using the LBS have found that cross-border bank credit tends to grow considerably faster than overall credit during the expansionary phase of the financial cycle and that international credit is often a major driver of domestic credit booms.² Furthermore, the currency breakdown available in the LBS gives insights

¹ Adjusted changes may over- or underestimate underlying flows because of fluctuations in valuations, writedowns, the underreporting of breaks, and differences between the exchange rate on the transaction date and the exchange rate used by the BIS to convert non-dollar amounts into US dollars.

² See eg S Avdjiev, R McCauley and P McGuire, "Rapid credit growth and international credit: challenges for Asia", *BIS Working Papers*, no 377, April 2012; and C Borio, R McCauley and

into international monetary policy spillovers and has been used to document the importance of European banks in US dollar intermediation outside the United States.³ Finally, the LBS can also be utilised to analyse potential mismatches in the currency and sectoral composition of external assets and liabilities.

Geography of international banking

The details available in the LBS shed light on the role of banks in the intermediation of capital flows and the structure of their intermediation. They reveal not only the residence and sector of banks' counterparties, but also the instruments and currencies in which banks transact and the residence and nationality of the banks. In short, the LBS help track how funds are transferred from sources in one country via banks to users in another. Various studies have used the LBS to analyse banks' role in the transmission of shocks across countries via bank lending and funding.⁴

The LBS are best suited for analysing interconnections at the country level: for example, the importance of intragroup positions in cross-border funding; the channelling of funds through offshore financial centres; or the recycling of the petrodollars of oil exporters.⁵

Understanding the drivers of bank flows between countries requires information about who makes the underlying economic decisions. Key decisions are typically made by the head office of a bank, and thus for financial stability analysis it is often more important to know the nationality of the bank than its location. The CBS, discussed in the next section, provide the most comprehensive information on foreign lending by bank nationality. The LBS complement the CBS by providing information that can be used to track banks' cross-currency funding and investment patterns on a nationality basis.⁶

P McGuire, "Global credit and domestic credit booms", *BIS Quarterly Review*, September 2011, pp 43–57.

³ See eg H S Shin, "Global banking glut and loan risk premium", Mundell-Fleming Lecture at the 2011 IMF Annual Research Conference, *IMF Economic Review*, 2012, vol 60, pp 155–92.

⁴ See eg B Bernanke, C Bertaut, L DeMarco and S Kamin, "International capital flows and the returns to safe assets in the United States, 2003–2007", Bank of France, *Financial Stability Review*, issue 15, February 2011, pp 13–26; and V Bruno and H S Shin, "Capital flows, cross-border banking and global liquidity", *Journal of Monetary Economics*, 2015, vol 71, pp 119–32.

⁵ See eg S Avdjiev, P McGuire and P Wooldridge, "Enhanced data to analyse international banking", *BIS Quarterly Review*, September 2015, pp 53–68; and P McGuire and N Tarashev, "Global monitoring with the BIS international banking statistics", *BIS Working Papers*, no 244, February 2008.

⁶ See eg I Fender and P McGuire, "Bank structure, funding risk and the transmission of shocks across countries: concepts and measurement", *BIS Quarterly Review*, September 2010, pp 63–79; and P McGuire and G von Peter, "The US dollar shortage in global banking and the international policy response", *International Finance*, 2012, vol 15(2).

Explanatory notes

Latest data

The latest locational banking statistics (LBS, including by residence (LBSR) and by nationality (LBSN)) refer to end-September 2016. For the following countries, the latest data are carried forward from previous quarters: Curacao (LBSR carried forward from end-June 2016), Brazil (LBSN carried forward from end-June 2016), United Kingdom (LBSN carried forward from end-June 2016) and The Bahamas (LBSR carried forward from end-December 2015; LBSN carried forward from end-December 2013).

Data that are not reported to the BIS, and therefore not available for publication, are indicated by "...". Null values may appear as not available where not reported to the BIS. Data that are reported to the BIS but suppressed at the request of the reporting country to safeguard confidentiality are included in totals and indicated by "\".

Amounts of less than \$0.5 million or, where data are presented in billions, less than \$0.05 billion may appear in the tables as 0 or 0.0, respectively, because of rounding. Data in thousands can be downloaded via the BIS Statistics Explorer (stats.bis.org/statx) or the BIS Statistics Warehouse (stats.bis.org).

Revisions and breaks

Data are subject to revision and are impacted by breaks – or changes in compilation – over time. Breaks may arise from: changes in the population of reporting institutions, including the addition of new reporting countries; changes in reporting practices; or methodological improvements. Revisions and breaks are summarised in the commentary published when the BIS first releases data for the latest quarter (in January, April, July and October). The commentary is available on the BIS website (www.bis.org/statistics/provdata.htm).

Reporting practices

The Guidelines for reporting the BIS international banking statistics provide definitions and set out requirements for the reporting of the locational and consolidated banking statistics. The consistency of banks' reporting practices with the Guidelines varies across reporting countries. Key differences are explained on the BIS website (www.bis.org/statistics/count_rep_practices.htm) and, for the LBS, summarised below.

Requirements for LBS	Key differences in reporting practices for LBS
Country (residence) of the counterparty	
Local positions	China and the United States do not report local positions. Bahrain, Curacao, Jersey, Panama, Singapore and Turkey do not report local positions denominated in local currency.
Cross-border positions	Greece reports an incomplete country breakdown of cross-border positions.
Sector of the counterparty	
Bank sector and subsectors (own offices, unrelated banks, central banks)	Bank sector was first reported disaggregated by country as of end-June 2012; up to end-March 2012, bank sector is estimated by the BIS as all sectors minus the non-bank sector and consequently includes positions unallocated by sector. Subsectors were first reported as of end-December 2013. The following countries do not report bank subsectors disaggregated by country: Bahrain, Brazil, the Cayman Islands, Chile, Curacao, Greece, Indonesia, Jersey, Malaysia, Mexico, Panama, Singapore and Spain.
Non-bank sector and subsectors (non-bank financial sector, non-financial sector)	Non-bank subsectors were first reported as of end-December 2013. The following countries do not report non-bank subsectors: Australia, Austria, Bahrain, Brazil, the Cayman Islands, Chile, Curacao, Greece, India, Indonesia, Jersey, Malaysia, Mexico, Panama, Singapore and Spain. Some countries report additional subsectors within the non-financial sector (general government, non-financial corporations, households).
Currency (local currency, USD, EUR, JPY, GBP, CHF)	Curacao and Singapore do not report a currency breakdown.
Instrument	Instruments were first reported as of end-December 1995. Bahrain and Curacao do not report an instrument breakdown.
Loans/deposits	Japan does not report loans/deposits disaggregated by country; loans/deposits are estimated by the BIS.
Debt securities	Many reporting institutions are unable to allocate their own issues of securities by country of the investor. Therefore, liabilities in the form of debt securities are often reported as unallocated by position type, country and sector.
Other instruments	The following countries exclude derivatives from their reporting of other instruments: Austria, Bahrain, Brazil, Canada, the Cayman Islands, Curacao, Denmark, France, Germany, India, Macao SAR, Panama, Singapore, Spain, Turkey, the United Kingdom and the United States.
Nationality of the controlling parent	Curacao does not report a breakdown by nationality of the controlling parent.

Comparison with monetary and financial statistics

Local positions in the LBS are conceptually similar to the financial assets and liabilities of other depository corporations compiled from national monetary and financial statistics. However, there are potentially important differences between the two data sets. First, the population of reporting institutions may be narrower for the LBS owing to their focus on internationally active banks. Second, the coverage of banks' balance sheets may be less complete in the LBS. Third, adjustments for data quality may be less frequent or less comprehensive in the LBS. Finally, the LBS may include estimates and mix data from multiple sources to close gaps in reporting.

For the following countries, local positions are consistent with national monetary and financial statistics: Australia, Austria, Belgium, Bermuda, the Cayman Islands, Chile, Chinese Taipei, Cyprus, Finland, France, Germany, Greece, Guernsey, Italy, Luxembourg, Macao SAR, Malaysia, Mexico, the Netherlands, South Africa and

Spain. Monetary and financial statistics are available at the following national websites:

Country	Website for national monetary and financial statistics
Austria	oenb.at/en/statistics/standardized-tables/oenb--eurosystem-and-monetary-indicators-.html
Belgium	www.nbb.be/belgostat/dataacceslinker?lang=e&code=finstat
Brazil	www.bcb.gov.br/pec/sdds/ingl/sddsi.htm
Canada	www5.statcan.gc.ca/cansim/a46?lang=eng&childId=3780121&CORId=3764&viewId=2
Chile	si3.bcentral.cl/Siete/secure/cuadros/home.aspx?Idioma=en-US
China	www.pbc.gov.cn/diaochatongjisi/116219/index.html
Chinese Taipei	www.cbc.gov.tw/ct.asp?xItem=1059&ctNode=535&mp=2
Cyprus	www.centralbank.gov.cy/nqcontent.cfm?a_id=9837
Denmark	nationalbanken.statistikbank.dk/statbank5a/default.asp?w=1280
Finland	www.suomenpankki.fi/en/tilastot/tase_ja_korko/Pages/rahalaitoslista.aspx
France	www.banque-france.fr/en/economics-statistics/balance-of-payments-and-other-international-statistics.html
Germany	www.bundesbank.de/Redaktion/EN/Standardartikel/Statistics/external_position_of_banks.html
Greece	www.bankofgreece.gr/Pages/en/Statistics/monetary/default.aspx
Hong Kong SAR	www.hkma.gov.hk/eng/market-data-and-statistics/monthly-statistical-bulletin/
India	 Financial sector > Monetary Statistics)">dbie.rbi.org.in (Statistics > Financial sector > Monetary Statistics)
Ireland	www.centralbank.ie/polstats/stats/cmab/Pages/releases.aspx
Isle of Man	www.fsc.gov.im
Japan	www.boj.or.jp/en/statistics/dl/index.htm
Korea	ecos.bok.or.kr
Luxembourg	www.bcl.lu/en/statistics/series/11_credit_institutions/index.html
Macao SAR	www.amcm.gov.mo/economic_statistics/economic.htm
Malaysia	www.bnm.gov.my
Mexico	http://www.banxico.org.mx/politica-monetaria-e-inflacion/indexEn.html
Netherlands	www.statistics.dnb.nl/financiele-instellingen/banken/index.jsp
Norway	www.ssb.no/en/bank-og-finansmarked
Portugal	www.bportugal.pt/EstatisticasWeb/(S(0qkwhovw2xiatof5zcs2fiy))/Default.aspx
Russia	www.cbr.ru/eng/statistics/?PrtId=macro_itm
Singapore	www.mas.gov.sg/Statistics/Monthly-Statistical-Bulletin.aspx
South Africa	wwwrs.resbank.co.za/webindicators/EconFinDataForSA.aspx
Sweden	www.scb.se/en /Finding-statistics/Statistics-by-subject-area/Financial-markets/General-statistics/Financial-Market-Statistics/
Switzerland	www.snb.ch/en/iabout/stat/statpub/bstamon/stats/bstamon
Turkey	www.tcmb.gov.tr/wps/wcm/connect/TCMB+EN/TCMB+EN/Main+Menu/STATISTICS/Monetary+and+Financial+Statistics
United Kingdom	www.bankofengland.co.uk/statistics/Pages/bankstats/current/default.aspx
United States	www.federalreserve.gov/econresdata/releases/combanksal/current.htm

Summary of locational statistics, by currency, instrument and residence and sector of counterparty

6

Amounts outstanding, in billions of US dollars

Table A1.1

Type of position	Sector of counterparty		All sectors		Bank sector				Non-bank sector				Unallocated by sector	
					Total		Of which: Intragroup		Total		Of which: Non-bank financial ¹		Of which: Non-financial ¹	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Cross-border positions	28,238.5	25,684.2	14,830.2	14,161.9	9,269.6	8,347.7	12,832.2	8,490.2	5,063.0	4,072.6	6,394.6	3,348.5	576.1	3,032.0
By residence of counterparty														
Developed countries	19,957.0	16,068.5	11,085.4	9,734.5	4,395.9	4,271.4	8,460.8	4,934.8	3,467.4	2,743.4	4,183.3	1,530.2	410.8	1,399.2
Of which: euro area	7,621.8	5,900.9	4,121.2	3,400.2	1,494.3	1,292.8	3,389.3	1,790.3	1,173.3	871.1	1,939.4	789.4	111.3	710.4
Offshore centres	4,199.2	4,550.0	1,891.9	2,410.7	1,065.3	1,289.3	2,290.5	2,114.7	1,201.3	1,011.7	930.9	928.8	16.8	24.6
Developing Africa and Middle East	640.7	854.9	261.0	486.8	48.7	36.6	371.2	366.6	37.5	53.0	271.0	246.2	8.5	1.5
Developing Asia and Pacific	1,725.3	1,494.9	940.5	967.7	384.9	339.8	735.0	521.3	71.5	72.0	502.1	346.2	49.8	5.9
Developing Europe	571.6	292.2	290.6	196.0	82.8	31.2	277.1	94.3	24.2	7.4	184.8	74.2	3.9	2.0
Developing Latin America and Caribbean	622.0	455.1	228.9	217.1	74.5	13.8	389.1	236.5	57.4	36.1	231.4	158.6	4.1	1.5
International organisations	286.3	257.4	42.5	64.9	0.0	0.2	236.6	188.0	188.5	139.2	34.4	40.3	7.3	4.6
Unallocated	236.4	1,711.1	89.5	84.3	3,217.4	2,365.4	71.8	34.2	15.2	10.0	56.7	24.2	75.0	1,592.7
By currency														
US dollar	13,885.5	13,076.3	7,229.1	7,541.4	4,889.4	4,561.2	6,491.1	4,580.3	2,530.4	2,198.1	3,219.1	1,690.1	165.2	954.7
Euro	8,142.7	7,276.7	4,437.4	3,784.2	2,216.9	2,197.1	3,438.3	1,933.0	1,237.6	1,088.5	1,844.3	684.8	267.0	1,559.5
Yen	1,731.5	889.3	672.7	535.2	397.9	283.6	1,032.6	268.6	592.5	190.3	394.3	48.9	26.2	85.5
Pound sterling	1,264.9	1,311.8	658.8	725.3	472.2	483.7	582.9	411.3	268.9	199.6	262.4	163.2	23.1	175.2
Swiss franc	484.7	379.1	296.8	225.0	157.8	80.4	181.9	106.0	81.2	37.9	91.2	61.8	6.0	48.2
Other currencies	1,003.1	1,457.1	560.0	775.1	286.9	462.1	438.5	653.4	129.9	155.3	220.4	404.9	4.7	28.6
Unallocated	1,726.2	1,293.8	975.3	575.8	848.6	279.6	667.0	537.6	222.6	203.0	362.9	294.9	84.0	180.4
By instrument														
Loans	18,755.5	20,030.5	11,546.1	12,449.5	6,812.3	6,334.1	7,206.8	7,483.6	3,013.9	3,627.4	3,170.1	2,915.9	2.7	97.4
Debt securities	6,183.2	3,275.1	1,619.3	563.6	80.4	16.4	4,423.1	224.2	723.7	79.8	1,324.4	111.7	140.9	2,487.4
Of which: short-term	.	489.9	.	74.5	.	5.1	.	141.1	.	50.5	.	90.6	.	274.3
Other instruments	3,169.1	2,264.9	1,535.6	1,130.9	513.4	351.7	1,200.9	679.8	462.8	277.5	265.4	241.4	432.6	454.1
Unallocated	130.7	113.7	129.3	17.9	714.4	935.9	1.4	102.6	862.6	87.9	1,634.7	79.6	0.0	-6.9
Local positions in foreign currencies	4,362.8	5,514.8	1,746.9	1,745.4	460.6	496.3	2,504.0	3,368.5	707.8	969.6	1,299.9	1,877.1	112.0	400.8
Local positions in local currencies	63,725.1	59,132.5	10,032.7	6,710.1	2,109.4	2,179.7	32,313.1	25,875.3	2,866.7	3,940.2	24,501.3	17,233.7	21,379.4	26,547.0
Unallocated	191.8	2,826.3	29.6	197.3	1.3	6.4	28.5	44.3	0.4	0.4	20.8	34.2	133.7	2,584.8

¹ Data are incomplete. See Table A2 for a list of countries that report non-bank subsectors.

Summary of locational statistics, by currency, instrument and residence and sector of counterparty

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A1.2

Type of position	Sector of counterparty		All sectors		Bank sector				Non-bank sector						Unallocated by sector	
					Total		Of which: Intragroup		Total		Of which: Non-bank financial ¹		Of which: Non-financial ¹			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	
Cross-border positions	-72.3	-8.1	-260.9	-127.2	-86.2	22.7	177.7	127.7	129.2	56.7	69.5	137.0	10.9	-8.6		
By residence of counterparty																
Developed countries	-90.0	-299.9	-250.2	-276.9	-47.7	-20.6	155.2	-14.4	122.4	24.7	37.8	26.0	5.0	-8.5		
Of which: euro area	-59.6	-164.7	-65.1	-151.4	-67.5	-107.0	3.1	-11.0	28.2	-13.2	-26.1	23.6	2.4	-2.3		
Offshore centres	16.4	159.4	-3.7	72.7	4.5	28.8	19.7	84.8	-14.9	9.6	39.7	74.0	0.4	1.9		
Developing Africa and Middle East	14.8	7.6	5.0	-6.0	0.9	-2.8	9.4	13.7	5.8	3.9	1.8	8.9	0.4	0.0		
Developing Asia and Pacific	2.7	94.0	6.0	74.9	19.2	29.5	-3.0	22.9	-1.3	3.4	6.2	18.3	-0.2	-3.8		
Developing Europe	-5.2	11.7	-4.7	8.0	1.0	2.6	-0.1	4.4	2.3	-1.7	-1.6	7.2	-0.4	-0.8		
Developing Latin America and Caribbean	-2.1	-6.9	1.9	-5.2	-2.5	-10.4	-4.2	-2.1	5.5	-0.8	-5.5	1.2	0.2	0.4		
International organisations	-5.9	14.3	-3.1	-0.8	0.0	0.0	-3.2	15.4	0.1	17.4	-3.3	-1.6	0.4	-0.3		
Unallocated	-3.0	11.6	-12.1	6.0	-61.7	-4.4	3.9	3.2	9.3	0.2	-5.4	3.0	5.1	2.4		
By currency																
US dollar	51.8	73.5	-57.1	8.9	11.5	26.5	101.7	61.8	77.8	33.7	46.3	85.5	7.2	2.8		
Euro	-158.4	-125.7	-138.7	-93.4	-102.0	-31.7	-25.9	-24.2	4.5	-16.7	-34.7	-0.6	6.3	-8.0		
Yen	8.0	-24.1	-28.8	-32.1	-10.7	-0.1	34.1	7.8	13.1	9.4	20.4	2.9	2.7	0.2		
Pound sterling	73.1	42.0	34.3	28.1	12.8	29.4	37.2	7.1	28.4	3.6	8.7	0.3	1.7	6.9		
Swiss franc	-30.4	-16.5	-27.4	-17.1	-9.8	-12.1	-1.2	2.2	-1.5	0.9	0.8	1.6	-1.8	-1.6		
Other currencies	-29.4	13.4	-33.1	-12.8	-4.5	-0.9	6.4	27.9	0.9	10.2	5.8	16.6	-2.7	-1.7		
Unallocated	13.0	29.3	-9.9	-8.8	16.5	11.7	25.4	45.2	6.1	15.5	22.2	30.7	-2.5	-7.2		
By instrument																
Loans	-46.2	-2.7	-218.9	-85.1	68.1	19.9	174.5	76.8	138.4	25.9	34.6	105.9	-1.8	5.5		
Debt securities	24.7	2.3	23.4	4.2	2.4	0.1	-10.8	-5.4	-19.6	2.2	-41.3	-1.7	12.1	3.6		
Of which: short-term	.	9.4	.	8.8	.	0.1	.	0.9	.	2.1	.	-1.2	.	-0.3		
Other instruments	-54.2	-8.2	-66.5	-45.4	-8.4	-2.4	11.7	56.0	15.0	23.7	8.8	30.3	0.6	-18.7		
Unallocated	3.5	0.4	1.2	-0.9	-23.0	-17.0	2.3	0.4	-4.7	4.9	67.3	2.5	0.0	1.0		
Local positions in foreign currencies	-72.5	75.1	-24.4	8.8	-7.6	10.5	-48.0	68.5	-30.2	40.8	-2.7	31.4	-0.1	-2.1		
Local positions in local currencies	589.5	272.9	224.8	-61.4	8.2	19.6	222.0	200.6	16.0	18.1	257.3	183.3	142.7	133.7		
Unallocated	-17.0	-28.5	0.1	-19.1	0.0	5.0	0.7	-0.9	0.0	-0.2	0.0	-0.6	-17.9	-8.5		

¹ Data are incomplete. See Table A2 for a list of countries that report non-bank subsectors.

Cross-border positions, by location of reporting bank and sector of counterparty

Amounts outstanding, in billions of US dollars

Table A2.1

Location of reporting bank	Sector of counterparty		Bank sector				Non-bank sector				Unallocated by sector			
			All sectors		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	
Banks in all LBS reporting countries	28,238.5	25,684.2	14,830.2	14,161.9	9,269.6	8,347.7	12,832.2	8,490.2	5,063.0	4,072.6	6,394.6	3,348.5	576.1	3,032.0
Australia	445.2	732.4	272.4	603.1	157.7	159.4	172.8	129.3	...	...	...	...	\	0.0
Austria	256.4	163.8	106.1	54.5	7.8	8.2	150.3	51.0	...	...	...	...	\	58.4
Bahamas	124.0	116.5	95.3	68.6	...	...	28.1	47.5	10.1	19.4	18.0	28.2	0.6	0.3
Bahrain	137.9	138.1	52.7	82.4	...	...	85.2	55.6	...	...	...	...	...	...
Belgium	613.9	515.4	353.1	283.5	219.2	139.2	260.7	209.8	134.2	157.5	126.6	52.3	0.0	22.1
Bermuda	12.6	3.0	4.9	0.5	2.8	0.5	7.7	2.6	2.0	1.6	5.6	0.6	\	\
Brazil	84.9	141.8	81.0	136.0	66.2	56.2	3.9	5.8	...	...	...	...	...	...
Canada	562.5	477.4	276.0	238.2	219.2	203.8	285.4	157.2	174.5	61.2	110.8	96.0	\	82.1
Cayman Islands	1,073.5	1,082.8	761.0	649.2	688.5	524.7	312.5	397.9	...	...	...	...	...	35.8
Chile	17.3	25.8	12.9	21.5	...	...	1.0	1.8	...	...	...	...	3.4	2.5
China	827.6	979.6	\	\	\	\	\	\	\	\	\	\	...	...
Chinese Taipei	377.0	210.2	201.9	108.3	96.8	61.0	169.1	100.2	80.4	28.3	88.7	71.9	5.9	1.6
Curaçao	17.2	16.2	9.6	10.1	...	...	7.6	6.1	...	...	...	...	...	...
Cyprus	22.0	23.6	8.6	9.4	4.5	6.4	13.5	14.1	6.2	3.5	7.2	10.6	\	0.1
Denmark	239.4	191.3	162.8	144.5	94.3	\	76.6	46.9	38.4	32.5	38.2	14.3	\	\
Finland	255.9	390.9	157.5	219.8	43.6	123.2	95.7	68.0	56.9	52.0	38.8	16.1	\	103.1
France	2,332.5	2,367.7	1,204.0	891.9	764.3	567.0	1,026.6	710.0	560.1	516.2	466.5	193.8	101.9	765.9
Germany	2,109.0	1,699.1	1,268.2	765.6	692.3	512.5	840.7	259.4	233.9	158.6	606.8	100.9	0.1	674.1
Greece	90.8	32.5	22.4	25.3	...	...	68.4	7.2	...	...	...	...	...	...
Guernsey	142.1	89.9	100.6	54.3	81.5	53.9	41.5	34.6	27.5	8.2	14.0	26.4	0.0	1.0
Hong Kong SAR	1,328.0	1,064.5	831.2	622.1	453.0	430.3	496.8	442.3	\	\	\	\	\	\
India	49.7	164.7	\	\	\	\	19.8	134.5	0.0	8.6	19.8	126.0	\	\
Indonesia	14.7	35.7	14.2	31.4	\	\	0.5	4.3	...	...	...	...	...	...
Ireland	305.2	275.5	180.4	136.1	105.5	84.7	124.3	69.7	44.6	51.8	79.7	17.9	0.5	69.7
Isle of Man	54.1	42.6	48.2	13.7	41.0	11.0	5.9	28.9	0.2	4.1	5.7	24.7	0.0	0.0
Italy	458.6	469.7	294.4	348.5	53.2	160.1	163.7	118.2	78.8	108.1	85.0	10.0	0.5	3.0
Japan	3,573.1	1,361.5	1,077.2	1,111.0	525.0	646.8	2,495.9	250.5	862.5	210.3	1,633.4	40.2	\	0.0
Jersey	151.2	97.9	132.3	41.3	125.8	33.3	18.8	56.6	...	...	...	...	...	...
Korea	228.2	236.7	96.5	185.7	38.4	75.1	95.3	18.4	10.1	12.4	85.2	6.0	36.4	32.7
Luxembourg	604.1	409.2	356.8	267.0	215.1	187.0	241.6	140.4	58.8	73.9	182.8	66.5	5.7	1.9
Macao SAR	105.2	68.8	51.6	35.2	37.4	30.0	53.5	32.8	8.6	6.6	45.0	26.2	0.1	0.7
Malaysia	54.1	92.5	\	\	\	\	15.0	23.2	...	...	...	...	...	\
Mexico	16.6	14.2	10.2	11.0	...	...	6.4	3.1	...	...	...	...	...	...
Netherlands	1,163.9	1,048.5	424.0	406.6	273.4	327.3	505.1	369.5	207.4	130.5	297.7	239.0	234.9	272.4
Norway	177.2	215.2	105.5	132.5	45.6	107.1	60.7	25.6	25.6	4.6	35.1	21.0	11.0	57.1
Panama	56.1	49.7	33.0	25.3	14.2	7.6	23.1	24.4	...	...	...	...	...	...
Portugal	72.1	69.8	36.0	47.3	\	\	36.1	22.0	15.3	8.2	20.8	13.8	...	0.4
Russia	226.9	168.6	79.1	60.9	0.3	9.0	145.2	104.8	65.9	67.2	79.2	37.5	2.7	2.9
Singapore	722.0	685.7	338.2	448.1	\	...	260.5	237.6	...	...	...	...	123.3	...

Cross-border positions, by location of reporting bank and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A2.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Location of reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
South Africa	43.5	38.8	28.9	32.2	13.7	17.9	14.3	6.6	3.8	4.0	10.5	2.6	0.3	0.1
Spain	421.2	316.9	172.6	252.2	90.1	76.3	248.5	64.7	...	...	...	...	...	...
Sweden	420.0	249.6	307.3	197.9	229.9	98.9	112.6	51.7	37.9	28.6	74.7	23.1	\	\
Switzerland	799.4	884.7	463.3	423.7	175.2	194.2	334.6	460.3	162.1	180.8	172.5	279.5	1.4	0.7
Turkey	31.8	121.9	25.3	105.5	12.8	9.8	6.5	16.4	0.8	7.4	5.6	9.0	...	...
United Kingdom	4,608.0	4,595.9	2,473.8	2,237.9	1,756.2	1,456.5	2,090.5	1,515.1	1,243.9	1,084.4	846.6	430.7	43.7	843.0
United States	2,812.3	3,507.1	1,616.1	2,130.7	1,356.4	1,605.2	1,196.2	1,376.4	739.4	841.7	456.9	534.8	\	0.0

Cross-border positions, by location of reporting bank and sector of counterparty

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A2.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector			
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Location of reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Banks in all LBS reporting countries	-72.3	-8.1	-260.9	-127.2	-86.2	22.7	177.7	127.7	129.2	56.7	69.5	137.0	10.9	-8.6
Australia	-30.5	-19.1	-24.7	-13.6	-4.0	-9.2	-5.8	-5.5	...	...	...	...	...	0.0
Austria	-13.9	-8.8	-11.3	-4.3	0.1	-0.4	-2.6	-1.7	...	...	...	...	...	-2.7
Bahamas	0.1	0.1	0.1	0.1	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	0.8	0.8	0.7	3.1	...	...	0.1	-2.3	...	...	...	...	...	...
Belgium	-36.5	-15.0	-32.3	13.0	-9.1	-4.7	-4.2	-26.5	-2.3	-24.7	-1.9	-1.8	0.0	-1.5
Bermuda	-1.0	-0.4	-1.5	0.4	-1.1	0.4	0.5	-0.7	0.2	-0.6	0.3	-0.1	...	...
Brazil	-8.0	6.0	-9.2	5.6	0.0	0.0	1.2	0.4	...	...	...	...	...	...
Canada	19.1	15.8	3.0	10.3	-1.0	7.5	16.2	1.0	15.4	-3.4	0.8	4.4	...	4.4
Cayman Islands	-55.3	-57.0	-47.5	-17.4	-56.5	-11.9	-7.8	-40.9	...	...	...	...	...	1.3
Chile	-1.4	-1.9	-0.6	0.8	...	...	-0.4	-2.4	...	...	...	...	-0.4	-0.3
China	50.2	63.2	\	\	\	\	\	\	\	\	\	\	...	...
Chinese Taipei	6.0	23.6	2.7	5.0	1.0	4.1	1.6	18.8	1.6	12.3	0.0	6.5	1.7	-0.2
Curaçao	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	...	...	...	...	...
Cyprus	0.0	0.4	0.3	0.3	0.2	-0.1	-0.2	0.1	-0.1	-0.1	-0.1	0.2	...	0.0
Denmark	-0.6	-0.4	0.5	-2.0	6.6	\	-1.2	1.6	1.2	1.8	-2.3	-0.2	...	...
Finland	-24.2	-5.3	-10.8	-2.2	-7.1	9.8	-13.2	0.2	-11.0	-1.2	-2.2	1.4	...	-3.3
France	95.4	79.9	-0.6	-9.8	-6.7	14.5	72.0	79.4	75.5	80.7	-3.6	-1.2	24.1	10.2
Germany	-49.8	-0.1	-55.1	2.6	-36.7	9.6	5.4	-1.9	2.4	1.6	3.0	-3.4	0.0	-0.8
Greece	-2.2	2.6	-4.1	3.2	...	...	1.9	0.8	...	...	...	...	...	...
Guernsey	1.0	-0.3	6.1	-0.1	4.1	0.0	-5.1	-0.1	-5.3	0.2	0.3	-0.3	0.0	-0.1
Hong Kong SAR	52.9	18.0	22.9	-13.6	32.2	-3.4	30.0	31.6	\	\	\	\	\	\
India	9.9	10.2	\	\	\	\	2.2	8.3	0.0	0.6	2.3	7.6	...	...
Indonesia	-3.9	-2.2	-2.2	-1.0	\	\	-1.8	-1.3	...	...	...	...	...	...
Ireland	-4.9	-0.4	-1.4	1.2	-0.3	-2.2	-3.4	1.1	1.6	-0.9	-4.9	2.0	-0.1	-2.7
Isle of Man	2.3	2.1	2.2	1.2	2.0	1.2	0.2	0.9	0.0	0.1	0.1	0.9	0.0	0.0
Italy	-29.0	-24.1	-23.4	-22.6	-15.2	-14.8	-5.7	-1.6	2.4	1.2	-8.1	-2.7	0.0	0.0
Japan	55.1	-26.2	-7.5	-15.0	-18.4	-10.1	62.6	-11.2	-4.4	-13.4	67.0	2.1	...	0.0
Jersey	1.3	1.7	2.4	-0.6	0.8	1.1	-1.1	2.3	...	...	...	...	...	...
Korea	10.9	-0.4	10.8	3.7	6.7	1.8	-1.0	0.3	-0.7	0.1	-0.2	0.2	1.1	-4.4
Luxembourg	-44.5	-27.2	-41.9	-24.5	-38.3	-23.0	-2.8	-2.6	-2.4	-1.2	-0.4	-1.4	0.2	-0.1
Macao SAR	-2.7	-5.3	-2.7	-3.6	-4.0	-3.9	0.1	-1.9	0.5	0.6	-0.5	-2.5	0.0	0.2
Malaysia	-4.2	-2.2	\	\	\	\	-0.1	1.0	...	...	...	...	...	...
Mexico	1.6	-10.2	2.2	-7.1	...	...	-0.6	-3.2	...	...	...	...	...	...
Netherlands	-57.7	-32.5	-19.3	-5.7	-11.7	-8.6	-20.5	-10.8	-5.6	-4.5	-14.9	-6.3	-17.9	-15.9
Norway	1.9	1.0	6.3	-2.9	-0.8	-3.4	0.6	2.8	-0.1	0.2	0.7	2.7	-5.0	1.1
Panama	-0.9	-0.1	-0.5	0.2	-0.3	0.0	-0.3	-0.2	...	...	...	...	...	...
Portugal	-1.5	-3.8	-0.6	-3.6	\	\	-1.0	-0.1	-0.1	-0.7	-0.8	0.5	...	0.0
Russia	-11.2	-4.0	-10.6	-0.6	-0.1	0.2	1.3	-2.2	9.1	-1.5	-7.8	-0.7	-1.9	-1.2
Singapore	-0.8	-0.6	2.4	1.2	\	...	-8.1	-1.9	...	...	...	...	4.9	...

Cross-border positions, by location of reporting bank and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A2.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Location of reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
South Africa	0.2	1.7	-0.1	2.7	-0.3	2.1	0.3	0.1	0.2	0.3	0.1	-0.3	0.1	-1.0
Spain	-4.6	-14.3	-9.1	-3.2	0.4	1.6	4.5	-11.1	...	...	...	...	...	...
Sweden	-0.4	-1.7	-0.4	-2.0	7.6	5.6	-0.1	0.2	-1.9	1.2	1.9	-0.9	\	\
Switzerland	-16.2	-2.1	-13.7	-3.8	-7.1	0.3	-2.7	0.0	-0.9	-1.8	-1.8	1.9	0.3	1.7
Turkey	1.4	-2.7	1.4	-2.6	0.4	0.6	0.0	0.0	-0.1	-0.1	0.2	0.1	...	\
United Kingdom	1.6	-37.6	40.6	-42.6	1.6	8.2	-43.2	-3.2	1.3	-13.3	-44.5	10.1	4.3	8.2
United States	21.9	70.5	-66.2	7.0	13.8	27.8	88.1	63.5	39.0	9.7	49.1	53.8	\	0.0

Cross-border positions, by residence and sector of counterparty

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Counterparties in all countries	28,238.5	25,684.2	14,830.2	14,161.9	9,269.6	8,347.7	12,832.2	8,490.2	5,063.0	4,072.6	6,394.6	3,348.5
Developed countries	19,957.0	16,068.5	11,085.4	9,734.5	4,395.9	4,271.4	8,460.8	4,934.8	3,467.4	2,743.4	4,183.3	1,530.2
European developed countries	12,813.0	11,302.5	7,587.4	7,064.1	3,071.7	3,121.4	4,918.0	3,092.3	1,961.8	1,654.6	2,505.7	1,165.7
Euro area	7,621.8	5,900.9	4,121.2	3,400.2	1,494.3	1,292.8	3,389.3	1,790.3	1,173.3	871.1	1,939.4	789.4
Austria	208.9	102.8	118.3	71.0	15.6	20.4	90.4	19.9	6.4	5.8	82.0	13.0
Belgium	389.1	443.4	219.5	231.5	118.0	125.0	142.1	67.4	21.0	14.4	116.1	50.2
Cyprus	82.9	48.0	7.7	7.0	0.2	0.5	73.5	38.8	27.1	17.3	42.0	18.3
Estonia	8.3	3.0	7.1	2.0	7.0	1.6	1.2	0.7	0.3	0.1	0.9	0.6
Finland	215.2	66.0	154.9	49.3	102.4	28.5	58.2	14.9	8.9	2.9	48.0	11.9
France	1,602.5	1,156.2	1,076.1	951.8	299.0	321.5	511.0	160.1	116.4	61.6	370.6	85.1
Germany	1,391.5	1,482.0	918.3	982.0	227.4	296.7	447.8	307.4	101.2	94.8	306.3	175.4
Greece	50.3	51.1	13.7	18.0	3.8	2.7	36.2	31.6	1.4	1.7	34.4	28.4
Ireland	523.7	531.4	150.1	146.5	60.2	53.5	369.4	338.0	219.6	207.2	132.8	112.5
Italy	553.6	263.6	306.8	153.4	175.7	84.1	234.1	67.9	24.2	28.3	161.9	36.4
Latvia	6.6	5.9	4.2	4.3	4.1	1.9	2.3	1.5	0.2	0.1	1.6	1.2
Lithuania	8.5	3.8	6.3	2.7	6.0	2.6	2.1	0.8	0.3	0.0	1.6	0.8
Luxembourg	986.8	838.4	355.7	290.9	167.0	151.1	616.8	429.5	369.8	307.9	193.1	96.7
Malta	22.4	15.5	10.5	4.2	6.2	1.5	11.8	10.7	1.4	3.7	9.3	5.9
Netherlands	1,030.2	643.3	504.0	326.4	197.5	134.5	522.2	235.6	221.7	110.7	257.3	107.5
Portugal	91.4	47.7	42.1	27.1	13.9	6.1	48.3	16.4	3.9	6.3	24.8	7.4
Slovakia	21.7	5.0	9.7	1.4	2.5	0.6	12.0	2.7	0.8	0.1	6.6	2.2
Slovenia	10.5	7.7	3.9	2.6	0.9	0.9	6.6	4.3	0.3	0.0	3.6	3.7
Spain	417.8	186.1	212.1	128.1	87.0	59.1	203.3	42.1	48.6	8.0	146.7	32.3
Andorra	2.9	3.4	1.8	2.1	0.4	0.1	1.2	1.4	0.0	0.1	0.5	0.7
Denmark	217.2	171.3	134.9	125.3	44.8	52.4	80.5	36.1	39.2	21.4	40.4	13.9
Iceland	6.6	6.6	3.4	3.5	0.0	0.0	3.2	2.9	0.3	0.2	2.9	2.6
Liechtenstein	8.1	11.4	5.7	7.8	2.2	0.9	2.3	3.5	0.5	1.1	1.5	1.7
Norway	258.7	113.2	198.8	91.2	97.8	39.2	58.9	20.4	18.2	5.6	38.7	14.3
Sweden	341.4	270.4	248.7	224.1	107.3	175.2	90.3	33.0	21.5	13.4	66.9	18.8
Switzerland	596.4	653.4	439.1	459.8	134.1	129.2	153.5	152.9	24.6	30.5	117.0	106.3
United Kingdom	3,757.3	4,169.6	2,433.2	2,749.2	1,190.5	1,431.6	1,136.7	1,050.2	684.0	711.2	296.3	216.3
Non-European developed countries	7,143.5	4,766.0	3,497.8	2,670.4	1,324.2	1,150.0	3,542.4	1,842.5	1,505.4	1,088.7	1,677.3	364.5
Australia	450.2	244.4	280.4	168.2	96.6	57.4	163.5	70.1	46.4	40.6	100.3	22.9
Canada	470.0	291.6	289.1	168.9	105.5	87.1	175.6	114.6	57.1	58.7	112.8	48.5
Japan	1,364.8	833.3	896.8	577.5	512.4	299.1	450.1	169.0	280.2	111.2	159.9	47.0
New Zealand	43.1	23.9	26.5	12.5	19.6	5.8	16.4	11.2	4.5	3.2	6.0	4.2
United States	4,815.4	3,372.8	2,005.0	1,743.4	590.0	700.6	2,736.8	1,477.7	1,117.3	875.1	1,298.4	241.9
Offshore centres	4,199.2	4,550.0	1,891.9	2,410.7	1,065.3	1,289.3	2,290.5	2,114.7	1,201.3	1,011.7	930.9	928.8
Aruba	1.4	0.9	0.1	0.3	0.1	0.0	1.3	0.6	0.0	0.1	0.4	0.0
Bahamas	109.8	151.8	72.0	96.1	31.5	40.2	37.7	52.6	17.0	23.7	15.1	18.8

Cross-border positions, by residence and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Bahrain	32.2	27.0	27.6	21.2	11.3	5.2	4.5	5.6	0.6	1.0	3.4	4.0
Barbados	32.5	47.8	21.5	26.7	16.3	7.4	11.0	18.4	8.9	14.9	1.3	2.7
Bermuda	106.4	91.8	2.8	2.6	1.5	1.4	102.8	85.1	43.3	44.6	55.1	30.8
Cayman Islands	1,853.5	1,481.9	611.5	750.7	361.0	605.6	1,237.3	728.8	856.6	541.6	358.4	168.8
Curacao	16.7	25.4	4.2	5.1	3.1	0.4	12.5	20.3	7.3	16.6	3.9	3.4
Gibraltar	4.0	11.3	1.6	5.5	0.5	0.6	2.4	5.8	0.5	1.6	1.4	3.2
Guernsey	102.1	104.8	60.2	77.4	1.0	7.3	41.9	26.0	26.8	16.8	12.3	4.1
Hong Kong SAR	772.2	1,160.3	487.5	643.9	268.5	294.8	279.6	511.9	75.5	100.4	154.1	378.5
Isle of Man	25.4	54.5	8.9	41.4	5.1	5.4	16.5	12.9	1.7	5.5	13.6	5.0
Jersey	151.2	227.2	49.0	156.8	17.8	37.3	102.1	68.0	49.2	45.4	51.4	21.2
Lebanon	9.5	44.2	5.7	35.9	0.9	0.9	3.9	8.1	0.2	1.3	3.5	6.4
Macao SAR	45.3	84.8	39.1	72.6	24.1	21.0	6.1	12.2	0.1	0.2	5.2	11.5
Mauritius	19.2	18.7	3.4	7.8	1.3	2.4	14.6	10.9	6.0	4.3	7.2	5.0
Panama	92.7	76.4	12.9	14.3	4.5	0.8	79.6	61.9	11.8	26.3	63.2	31.2
Samoa	6.3	17.4	0.1	0.1	0.0	0.0	6.1	17.3	0.7	2.6	4.8	12.5
Singapore	595.7	594.9	477.7	448.0	314.9	258.5	116.9	144.7	22.6	32.9	76.9	98.7
West Indies UK	219.8	326.1	5.7	3.5	1.8	0.2	210.8	321.5	72.4	131.8	98.4	120.8
Developing countries	3,559.6	3,097.0	1,720.9	1,867.5	590.9	421.4	1,772.5	1,218.6	190.7	168.4	1,189.3	825.2
Developing Africa and Middle East	640.7	854.9	261.0	486.8	48.7	36.6	371.2	366.6	37.5	53.0	271.0	246.2
Algeria	2.5	6.0	1.2	2.8	0.8	0.2	0.5	3.2	0.0	0.0	0.4	2.9
Angola	8.4	28.8	2.3	12.0	0.1	1.1	6.1	16.8	0.5	0.1	4.6	16.6
Benin	0.3	0.3	0.1	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.0
Botswana	0.9	2.0	0.3	1.5	0.1	0.2	0.6	0.6	0.0	0.1	0.6	0.0
Burkina Faso	0.5	0.3	0.1	0.1	0.1	0.0	0.4	0.2	...	0.0	0.4	0.0
Burundi	0.3	0.2	0.2	0.1	0.0	...	0.1	0.1	0.0	0.0	0.1	0.0
Cameroon	3.9	1.8	0.4	0.4	0.2	0.0	3.4	1.4	0.0	0.0	3.3	1.4
Cape Verde	1.0	0.9	0.3	0.8	0.0	0.4	0.7	0.1	0.0	0.0	0.7	0.1
Central African Republic	0.0	0.1	0.0	0.0	...	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Chad	1.1	0.1	0.1	0.0	0.0	0.0	1.1	0.1	...	0.0	1.1	0.1
Comoros Islands	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	...	0.0	0.1	0.0
Congo	3.0	1.5	0.1	0.1	0.1	0.0	2.9	1.4	0.0	0.0	2.8	1.4
Congo Democratic Republic	3.2	1.4	0.1	0.6	0.0	0.0	3.2	0.9	0.0	0.0	3.2	0.8
Côte d'Ivoire	3.2	2.2	0.9	1.2	0.3	0.1	2.3	1.0	0.2	0.0	2.1	1.0
Djibouti	0.9	0.7	0.0	0.4	0.0	0.4	0.9	0.3	0.0	0.0	0.8	0.3
Egypt	24.7	22.7	13.1	12.7	1.1	1.1	11.4	10.0	0.5	0.3	9.7	9.2
Equatorial Guinea	0.2	0.4	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.1	0.0
Eritrea	0.5	0.7	0.0	0.6	...	...	0.5	0.1	...	...	0.5	0.0
Ethiopia	7.7	2.1	0.5	1.5	0.0	0.0	7.2	0.6	0.0	0.0	7.1	0.5
Gabon	2.4	1.3	0.1	0.1	0.0	0.1	2.3	1.1	0.0	0.0	1.9	1.1
Gambia	0.1	0.7	0.0	0.1	0.0	0.0	0.1	0.6	...	0.0	0.1	0.6

Cross-border positions, by residence and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Ghana	9.7	3.8	1.3	1.9	0.1	0.3	8.3	1.9	0.4	0.3	7.6	1.5	0.1	0.0
Guinea	0.7	0.3	0.1	0.1	0.1	0.0	0.6	0.2	...	0.0	0.6	0.2	0.0	0.0
Guinea-Bissau	0.1	0.1	0.0	0.0	...	...	0.1	0.1	...	0.0	0.1	0.1	...	0.0
Iran	3.0	17.2	1.8	14.7	0.1	0.6	1.2	2.5	0.0	0.2	1.0	1.5	0.0	0.0
Iraq	2.4	5.9	1.2	5.1	0.1	0.0	1.2	0.8	0.0	0.0	1.0	0.6	0.0	0.0
Israel	16.2	33.9	4.0	12.5	1.8	5.4	11.8	21.0	1.3	2.7	10.3	17.3	0.3	0.4
Jordan	7.3	14.3	2.5	9.8	1.0	1.5	4.8	4.5	0.1	0.2	2.9	3.0	0.0	0.0
Kenya	10.4	12.4	1.8	7.2	0.3	0.5	8.6	5.2	0.4	0.3	7.7	4.2	0.0	0.0
Kuwait	20.8	106.0	7.5	55.3	0.2	0.1	13.3	50.5	1.2	7.3	5.2	20.0	0.0	0.3
Lesotho	0.1	0.5	0.0	0.4	0.0	0.2	0.1	0.1	...	0.0	0.1	0.1	0.0	0.0
Liberia	31.0	12.3	0.2	0.1	0.2	0.0	28.9	12.2	1.3	3.9	26.5	7.1	1.8	0.0
Libya	1.0	48.0	0.3	38.3	0.1	0.1	0.6	9.7	0.1	2.4	0.1	1.9	0.1	0.0
Madagascar	0.9	1.4	0.1	0.6	0.1	0.2	0.7	0.7	0.0	0.0	0.7	0.6	0.0	0.0
Malawi	0.3	0.5	0.0	0.3	...	0.0	0.3	0.2	...	0.0	0.3	0.2	0.0	0.0
Mali	0.6	0.3	0.1	0.1	0.0	0.0	0.5	0.3	0.0	0.0	0.5	0.2	0.0	0.0
Mauritania	0.8	0.5	0.1	0.3	0.0	0.0	0.6	0.3	0.0	0.0	0.6	0.2	0.0	0.0
Morocco	14.5	5.5	6.4	2.8	2.5	0.3	7.4	2.6	0.0	0.0	7.0	2.3	0.8	0.0
Mozambique	4.4	3.1	0.5	1.6	0.4	0.2	3.9	1.4	0.1	0.1	3.7	1.2	0.0	0.0
Namibia	0.9	0.9	0.3	0.4	0.1	0.1	0.6	0.5	0.0	0.1	0.6	0.3	0.0	0.0
Niger	0.4	0.2	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.1	0.4	0.1	...	0.0
Nigeria	15.5	21.2	5.7	13.9	0.6	0.6	9.7	7.3	0.6	1.6	8.9	5.4	0.1	0.0
Oman	15.5	13.5	2.9	5.0	0.1	0.0	12.6	8.5	0.1	0.6	8.1	7.2	0.0	0.0
Palestinian Territory	0.3	0.7	0.2	0.4	...	0.0	0.1	0.3	0.0	0.1	0.0	0.2	0.0	0.0
Qatar	63.9	36.4	35.6	17.7	0.6	0.9	28.2	18.7	2.1	1.9	19.4	15.3	0.1	0.0
Rwanda	0.2	0.2	0.0	0.1	0.0	...	0.2	0.1	...	0.0	0.2	0.1	0.0	0.0
St Helena	0.0	0.0	...	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	...
São Tomé and Principe	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
Saudi Arabia	95.7	206.1	34.8	146.9	4.7	0.6	58.4	59.0	9.6	15.0	35.4	31.4	2.5	0.2
Senegal	2.3	1.1	0.3	0.2	0.2	0.0	1.9	0.9	0.0	0.0	1.9	0.9	0.1	0.0
Seychelles	4.1	11.9	0.0	0.2	0.0	0.0	4.0	11.6	1.2	2.7	2.4	7.5	0.0	0.1
Sierra Leone	0.6	0.3	0.1	0.2	0.0	0.0	0.5	0.1	0.0	0.0	0.5	0.1	0.0	0.0
Somalia	0.1	0.0	0.0	0.0	0.0	...	0.1	0.0	...	0.0	0.1	0.0	...	0.0
South Africa	50.2	41.4	22.8	24.8	10.8	5.8	27.2	16.4	7.8	3.5	18.3	10.5	0.3	0.2
Sudan	2.8	0.5	0.2	0.2	0.0	0.0	2.6	0.3	...	0.0	2.5	0.2	0.0	0.0
Swaziland	0.4	0.6	0.1	0.3	0.0	0.1	0.3	0.4	0.0	0.0	0.1	0.3	0.0	0.0
Syria	0.1	2.1	0.0	0.9	0.0	0.0	0.1	1.1	...	0.0	0.1	1.0	0.0	0.0
Tanzania	4.4	2.2	0.4	1.0	0.0	0.1	4.0	1.2	0.1	0.1	3.9	1.0	0.0	0.0
Togo	1.1	0.3	0.5	0.1	0.0	0.1	0.6	0.2	0.0	0.0	0.6	0.2	0.0	0.0
Tunisia	3.8	4.6	1.9	3.1	0.6	0.3	1.9	1.5	0.0	0.1	1.7	1.3	0.0	0.0
Uganda	2.1	2.4	0.3	1.7	0.1	0.1	1.7	0.6	0.0	0.0	1.6	0.6	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
United Arab Emirates	176.2	161.0	106.5	80.3	20.9	14.2	68.8	80.6	8.9	9.1	40.2	60.5
Yemen	0.4	1.0	0.0	0.3	0.0	0.0	0.4	0.7	0.0	0.0	0.3	0.5
Zambia	5.5	2.2	0.3	1.2	0.2	0.2	5.2	1.0	0.0	0.0	4.8	0.9
Zimbabwe	0.6	1.2	0.1	0.1	0.0	0.0	0.6	1.0	0.0	0.0	0.5	0.8
Developing Asia and Pacific	1,725.3	1,494.9	940.5	967.7	384.9	339.8	735.0	521.3	71.5	72.0	502.1	346.2
Afghanistan	0.0	2.4	0.0	2.2	...	0.0	0.0	0.2	...	0.0	0.0	0.2
Armenia	1.7	0.5	0.9	0.3	0.0	0.0	0.8	0.3	0.0	0.0	0.7	0.3
Azerbaijan	4.3	4.4	1.4	2.0	0.0	0.0	2.9	2.1	0.0	0.0	2.5	2.1
Bangladesh	8.4	12.5	4.0	11.0	1.3	0.2	4.4	1.5	0.0	0.0	3.1	1.0
Bhutan	0.1	0.3	0.0	0.3	...	...	0.1	0.0	...	0.0	0.0	...
British overseas territories	1.5	1.0	0.1	0.0	...	...	1.4	0.9	0.9	0.1	0.2	0.4
Brunei	2.1	3.0	0.6	0.5	0.4	0.2	1.5	2.5	0.1	0.5	0.8	1.6
Cambodia	8.8	2.0	3.0	1.5	1.5	0.1	5.7	0.5	0.2	0.0	5.2	0.4
China	753.0	662.2	464.5	440.6	210.5	197.4	277.0	220.1	26.4	26.9	200.9	176.5
Chinese Taipei	117.1	241.2	84.5	131.8	36.3	67.0	31.6	109.4	8.5	15.0	19.1	75.5
Fiji	0.5	0.4	0.2	0.2	0.1	0.0	0.3	0.2	...	0.0	0.3	0.1
French Polynesia	1.7	0.9	0.9	0.5	0.9	0.4	0.7	0.4	0.0	0.0	0.7	0.4
Georgia	1.3	1.6	0.5	1.1	0.2	0.0	0.7	0.5	0.2	0.0	0.4	0.5
India	183.3	79.7	72.9	70.9	13.7	19.4	95.1	8.8	5.4	1.9	56.4	5.1
Indonesia	107.2	20.7	33.4	12.6	15.3	3.1	67.9	8.0	3.0	0.5	32.7	6.1
Kazakhstan	20.6	21.2	3.6	9.3	0.2	0.3	17.0	10.7	0.9	0.3	14.3	9.1
Kiribati	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	...	...	0.0	0.0
Korea	188.4	140.7	131.9	99.3	67.4	25.7	49.0	38.8	12.1	14.1	33.4	16.0
Kyrgyz Republic	1.6	1.4	0.0	1.0	0.0	0.0	1.5	0.4	0.0	0.0	1.5	0.3
Laos	9.3	3.5	3.1	3.1	2.5	1.0	6.2	0.4	0.0	0.0	6.0	0.2
Malaysia	66.6	32.6	40.5	15.3	5.2	6.2	21.0	17.2	2.9	2.4	11.2	12.9
Maldives	0.9	0.4	0.1	0.2	0.1	0.0	0.8	0.2	...	0.0	0.5	0.2
Marshall Islands	46.4	16.1	0.6	0.2	0.4	0.0	45.7	15.8	3.9	4.4	38.8	9.3
Micronesia	0.0	0.0	0.0	...	...	...	0.0	0.0	0.0	0.0	0.0	...
Mongolia	5.1	0.7	1.2	0.4	0.0	...	3.9	0.3	0.0	0.0	2.9	0.3
Myanmar	5.6	1.6	5.1	0.9	0.8	0.0	0.5	0.7	0.0	0.0	0.3	0.5
Nauru	0.0	0.1	...	0.0	...	...	0.0	0.1	...	0.0	0.0	...
Nepal	0.3	4.1	0.1	3.6	0.0	0.1	0.2	0.5	...	0.0	0.2	0.4
New Caledonia	4.8	1.3	1.9	0.6	1.9	0.5	2.8	0.7	0.0	0.0	2.8	0.4
North Korea	0.0	0.1	0.0	0.0	0.0	...	0.0	0.1	0.0	0.0	0.0	0.0
Pakistan	16.4	10.1	4.1	6.9	1.6	0.3	12.3	3.2	0.0	0.0	10.3	2.4
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	...	0.0	...
Papua New Guinea	2.6	1.0	0.4	0.3	0.1	0.0	2.2	0.7	0.1	0.0	1.4	0.1
Philippines	27.9	24.7	12.7	17.0	2.8	1.2	15.0	7.6	1.5	0.8	9.5	6.4
Solomon Islands	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.2	...	0.0	0.0	0.1

Cross-border positions, by residence and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A3.1

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Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector			
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16						
Sri Lanka	11.4	2.6	4.5	1.7	1.2	0.3	6.7	0.8	0.1	0.1	6.0	0.5	0.2	0.0
Tajikistan	1.5	0.5	0.1	0.3	...	0.0	1.4	0.2	...	0.0	1.4	0.1	0.0	0.0
Thailand	70.7	38.3	47.1	20.8	15.4	9.1	21.0	17.4	3.8	4.1	9.2	11.8	2.6	0.1
Timor Leste	0.0	0.7	0.0	0.7	0.0	0.4	0.0	0.0	...	...	0.0	0.0	...	0.0
Tonga	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	...
Turkmenistan	3.6	26.5	0.4	25.9	0.0	0.0	3.2	0.6	0.0	0.0	3.1	0.6	0.0	0.0
Tuvalu	0.1	0.0	0.1	0.0	...	...	0.0	0.0	...	...	0.0	0.0	...	0.0
US Pacific islands	1.2	0.1	...	...	...	...	1.2	0.1	0.0	0.0	0.0	0.1	0.0	...
Uzbekistan	6.5	16.4	2.4	14.4	0.0	0.0	4.0	2.0	0.7	0.4	3.3	1.5	0.0	0.0
Vietnam	38.4	14.2	11.5	12.2	4.5	4.4	26.7	2.0	0.7	0.1	20.9	1.8	0.2	0.0
Wallis and Futuna	0.0	0.0	...	0.0	...	0.0	0.0	0.0	...	...	0.0	0.0	0.0	0.0
Developing Europe	571.6	292.2	290.6	196.0	82.8	31.2	277.1	94.3	24.2	7.4	184.8	74.2	3.9	2.0
Albania	1.1	1.8	0.3	1.5	0.1	0.2	0.7	0.2	0.0	0.0	0.6	0.2	0.1	0.0
Belarus	10.8	3.9	5.3	3.3	0.0	0.0	5.4	0.6	0.1	0.0	5.0	0.5	0.0	0.0
Bosnia and Herzegovina	2.1	1.6	1.1	1.2	0.0	0.0	1.0	0.4	0.0	0.0	0.6	0.3	0.0	0.0
Bulgaria	10.0	13.6	4.6	11.5	1.2	0.9	5.4	2.1	0.5	0.3	2.5	1.4	0.0	0.1
Croatia	19.2	8.9	7.9	7.2	0.9	0.6	11.3	1.7	0.3	0.1	5.7	1.1	0.0	0.0
Czech Republic	50.7	20.6	34.5	13.5	17.3	4.5	16.0	6.6	0.8	0.4	10.3	5.4	0.2	0.5
Hungary	28.1	16.1	13.3	9.7	8.3	5.6	14.6	6.4	0.6	0.4	10.4	4.4	0.2	0.0
Macedonia FYR	1.7	1.3	0.9	1.1	0.1	0.0	0.9	0.2	0.0	0.0	0.8	0.1	0.0	0.0
Montenegro	0.9	0.6	0.2	0.5	0.1	0.0	0.7	0.1	0.0	0.0	0.6	0.1	0.0	0.0
Poland	101.6	37.0	59.0	29.7	20.3	1.8	41.5	7.3	4.3	0.9	30.1	6.1	1.1	0.1
Romania	29.3	7.5	16.7	5.4	2.8	1.2	12.5	2.1	1.1	0.1	6.2	1.7	0.1	0.0
Russia	97.8	114.0	37.0	71.8	12.3	8.1	59.6	41.1	4.1	3.9	48.7	33.9	1.2	1.0
Serbia	6.5	4.5	2.8	3.4	0.9	0.1	3.3	1.1	0.1	0.1	2.4	0.9	0.4	0.0
Turkey	195.0	40.2	98.1	20.1	14.6	4.2	96.5	20.0	12.0	1.0	55.5	14.4	0.4	0.1
Ukraine	11.8	12.1	6.0	8.5	1.1	1.1	5.6	3.6	0.1	0.1	4.7	3.2	0.1	0.0
Developing Latin America and Caribbean	622.0	455.1	228.9	217.1	74.5	13.8	389.1	236.5	57.4	36.1	231.4	158.6	4.1	1.5
Argentina	15.3	25.4	4.5	3.9	1.0	0.2	10.7	21.5	0.9	1.7	8.9	18.2	0.2	0.0
Belize	3.7	15.1	0.2	0.4	0.1	0.0	3.6	14.6	1.7	5.3	1.8	8.2	0.0	0.2
Bolivia	1.3	5.6	0.2	3.9	0.0	0.0	1.1	1.7	0.0	0.2	1.0	1.4	0.0	0.0
Bonaire, Sint Eustatius and Saba	0.3	0.2	0.0	0.0	0.0	...	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0
Brazil	263.4	90.7	126.2	55.9	49.4	2.9	135.2	34.3	17.0	7.4	80.5	22.1	1.9	0.5
Chile	45.2	30.3	21.1	17.5	5.2	1.8	23.8	12.4	3.6	1.5	15.7	9.9	0.2	0.3
Colombia	29.2	17.7	11.2	3.3	1.6	0.4	17.4	14.3	1.6	1.4	10.2	6.1	0.6	0.1
Costa Rica	9.3	5.9	5.0	2.7	0.2	0.2	4.3	3.2	0.2	0.3	1.0	1.3	0.0	0.0
Cuba	1.5	1.9	1.0	1.6	0.0	0.0	0.5	0.3	0.0	0.0	0.3	0.1	0.0	0.0
Dominica	0.1	0.4	0.0	0.1	0.0	0.0	0.1	0.3	0.0	0.1	0.1	0.1	0.0	0.0
Dominican Republic	6.3	7.4	1.5	2.9	0.4	0.1	4.8	4.5	0.3	0.9	2.9	2.2	0.0	0.0
Ecuador	14.3	7.5	1.3	1.7	0.1	0.0	12.9	5.7	0.3	0.3	11.0	3.4	0.1	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
El Salvador	4.5	1.9	2.8	0.6	0.9	0.0	1.7	1.3	0.1	0.0	0.8	0.8
Falkland Islands	0.0	0.2	0.0	0.1	...	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Grenada	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Guatemala	6.7	5.8	2.7	0.8	0.0	0.0	3.9	4.9	0.2	0.3	1.5	2.9
Guyana	1.5	0.4	1.0	0.1	0.1	0.0	0.5	0.2	0.0	0.0	0.1	0.0
Haiti	0.2	0.6	0.1	0.3	0.0	0.0	0.2	0.3	0.0	0.0	0.2	0.3
Honduras	2.4	4.4	0.7	2.8	0.0	0.0	1.7	1.6	0.1	0.2	1.0	0.8
Jamaica	3.1	2.1	0.9	1.2	0.5	0.1	2.3	0.9	0.4	0.1	1.7	0.6
Mexico	130.9	135.3	24.3	76.2	8.7	5.0	106.3	58.9	16.0	9.6	58.4	44.1
Nicaragua	1.0	1.4	0.3	0.4	0.0	...	0.7	1.0	0.0	0.0	0.3	0.3
Paraguay	1.9	2.4	1.0	1.4	0.0	0.1	0.9	1.1	0.0	0.1	0.4	0.9
Peru	37.4	24.0	12.3	16.0	3.0	0.3	24.6	8.0	1.7	0.9	19.4	5.1
St Lucia	0.4	0.6	0.1	0.3	0.1	...	0.3	0.4	0.0	0.1	0.2	0.3
St Vincent and the Grenadines	0.9	2.0	0.0	0.2	0.0	...	0.9	1.8	0.6	0.9	0.3	0.9
Suriname	0.9	1.2	0.0	0.6	0.0	...	0.9	0.5	0.0	0.0	0.5	0.0
Trinidad and Tobago	5.2	8.2	2.5	5.3	2.4	0.0	2.7	2.9	0.3	0.6	1.7	1.6
Turks and Caicos Islands	0.6	1.5	0.2	0.7	0.0	0.0	0.4	0.9	0.2	0.1	0.2	0.7
Uruguay	7.9	16.6	1.8	8.9	0.6	2.6	6.1	7.6	1.8	2.3	3.5	4.9
Venezuela	13.1	37.2	5.7	7.1	0.1	0.0	7.4	30.0	0.4	1.6	4.4	19.9
International organisations	286.3	257.4	42.5	64.9	0.0	0.2	236.6	188.0	188.5	139.2	34.4	40.3
Unallocated location	236.4	1,711.1	89.5	84.3	3,217.4	2,365.4	71.8	34.2	15.2	10.0	56.7	24.2
											75.0	1,592.7

Cross-border positions, by residence and sector of counterparty

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector			
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Counterparties in all countries	-72.3	-8.1	-260.9	-127.2	-86.2	22.7	177.7	127.7	129.2	56.7	69.5	137.0	10.9	-8.6
Developed countries	-90.0	-299.9	-250.2	-276.9	-47.7	-20.6	155.2	-14.4	122.4	24.7	37.8	26.0	5.0	-8.5
European developed countries	-75.2	-182.1	-135.8	-118.5	-52.4	-3.7	66.5	-48.2	54.4	-46.6	7.7	17.5	-6.0	-15.4
Euro area	-59.6	-164.7	-65.1	-151.4	-67.5	-107.0	3.1	-11.0	28.2	-13.2	-26.1	23.6	2.4	-2.3
Austria	-1.6	-5.7	-2.2	-5.2	0.2	0.0	0.6	-0.5	0.2	-0.1	0.4	-0.9	-0.1	0.1
Belgium	0.2	-14.4	11.6	-13.5	0.4	-12.4	-5.4	0.3	0.3	1.3	-5.4	-1.8	-5.9	-1.2
Cyprus	0.4	0.3	1.0	0.0	0.0	0.0	0.8	0.3	-0.3	-0.4	1.4	-0.1	-1.4	0.0
Estonia	0.2	-0.8	0.2	-0.7	0.2	-0.6	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0
Finland	-2.5	-9.3	-1.1	-9.2	1.6	-7.2	-1.2	0.1	0.6	-0.4	-1.6	0.8	-0.2	-0.2
France	-19.3	-8.4	-4.5	6.6	-3.4	-15.3	-11.9	-12.2	1.0	-3.2	-10.2	-3.7	-2.9	-2.8
Germany	-4.3	-62.3	2.2	-48.7	-16.0	-34.7	-8.0	-14.9	-1.1	-8.6	-4.9	6.8	1.5	1.3
Greece	-2.2	-3.9	-1.9	-4.2	-0.4	-0.2	-0.4	0.3	-0.3	-0.2	0.5	0.1	0.0	0.0
Ireland	15.1	-15.1	2.7	-3.7	-0.3	-0.4	12.0	-11.4	13.2	-6.7	-2.3	-2.8	0.5	0.0
Italy	-40.1	-20.8	-31.1	-21.3	-15.7	-11.6	-11.1	1.5	-3.5	0.0	-10.6	1.2	2.1	-1.0
Latvia	0.4	-0.4	0.1	-0.4	0.2	-0.3	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Lithuania	0.2	0.3	0.3	0.4	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Luxembourg	21.4	-5.6	-1.4	-33.1	-19.9	-22.2	15.2	25.9	6.3	8.7	9.7	17.1	7.5	1.6
Malta	-1.4	0.9	-1.7	-1.0	-0.3	-0.8	0.3	1.9	-0.1	1.2	0.2	0.6	0.0	0.0
Netherlands	-3.1	-18.2	-22.4	-14.8	-15.3	-0.6	18.9	-2.5	13.5	-4.8	4.0	5.5	0.4	-0.8
Portugal	-2.4	0.4	-3.5	0.6	0.4	0.0	1.0	-0.2	0.0	-0.4	-0.8	0.2	0.1	0.0
Slovakia	-0.3	-0.3	0.0	-0.1	0.6	0.0	-0.3	-0.2	0.1	0.0	-0.2	-0.1	0.0	0.0
Slovenia	-0.4	-1.7	-0.2	-0.5	0.0	-0.2	-0.2	-1.2	0.1	0.0	-0.3	-1.2	0.0	0.0
Spain	-20.0	0.3	-13.0	-2.5	0.0	-1.0	-7.6	2.2	-2.0	0.4	-5.4	1.8	0.5	0.6
Andorra	-0.1	-0.7	-0.1	-0.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Denmark	-2.5	0.3	-2.2	0.2	1.2	5.6	-0.4	0.5	0.3	-0.3	-0.6	0.6	0.1	-0.4
Iceland	-0.4	-0.2	-1.6	-1.8	0.0	0.0	1.2	1.5	0.0	0.0	1.2	1.6	0.0	0.0
Liechtenstein	-0.2	-1.2	-0.2	-0.7	0.1	0.0	0.0	-0.4	0.1	-0.4	0.0	0.0	0.0	-0.1
Norway	-3.6	4.3	-0.2	4.7	-1.6	8.7	-3.9	-0.3	-4.1	0.4	0.3	-0.7	0.5	-0.1
Sweden	5.2	5.6	9.5	8.3	5.3	3.4	-1.8	1.3	-0.9	1.8	-0.8	-0.2	-2.4	-4.0
Switzerland	18.7	18.5	13.4	16.6	8.0	12.1	6.1	-0.2	0.9	-1.7	4.9	2.4	-0.8	2.2
United Kingdom	-32.8	-43.8	-89.3	6.5	2.1	73.6	62.3	-39.7	29.9	-33.2	28.9	-9.8	-5.8	-10.6
Non-European developed countries	-14.3	-117.7	-113.9	-158.4	4.8	-16.9	88.7	33.8	67.9	71.3	30.1	8.5	11.0	6.9
Australia	27.5	10.7	0.7	-4.6	0.4	1.8	26.7	15.4	15.7	13.3	10.2	2.5	0.1	-0.1
Canada	14.6	0.6	17.2	-8.6	8.3	-0.3	-2.3	9.2	-2.7	3.0	1.6	5.4	-0.3	0.0
Japan	33.2	-7.0	-4.1	-19.5	4.3	2.6	37.4	11.9	30.8	21.3	8.3	-8.0	-0.1	0.6
New Zealand	0.2	0.2	-1.2	0.6	-0.6	-0.2	1.4	-0.4	0.7	-0.1	0.1	-0.1	0.0	0.0
United States	-89.9	-122.2	-126.6	-126.3	-7.6	-20.8	25.5	-2.3	23.4	33.8	9.9	8.8	11.3	6.4
Offshore centres	16.4	159.4	-3.7	72.7	4.5	28.8	19.7	84.8	-14.9	9.6	39.7	74.0	0.4	1.9
Aruba	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahamas	-9.4	-9.1	-6.2	-4.7	-1.2	-2.1	-3.1	-4.4	-2.8	-4.4	-0.5	0.1	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Bahrain	2.5	-0.6	2.9	0.1	2.1	0.3	-0.3	-0.7	-0.1	0.2	0.0	0.2	0.0	0.0
Barbados	1.0	3.9	1.8	3.9	1.9	1.6	-0.8	-0.2	-0.8	-0.7	0.0	0.4	0.0	0.1
Bermuda	-1.4	0.4	0.1	-0.7	0.3	-0.1	-1.4	1.1	0.1	1.2	-0.3	-0.2	-0.1	0.0
Cayman Islands	12.8	30.8	-0.9	10.1	-8.1	-24.6	13.3	20.3	-19.1	-12.8	33.6	32.1	0.5	0.4
Curacao	-1.2	-2.4	-1.0	-0.4	-0.2	-1.4	-0.2	-2.0	-0.3	0.1	0.0	-2.0	0.0	0.0
Gibraltar	0.4	-0.5	-0.1	-0.3	-0.2	0.0	0.4	-0.2	0.0	0.0	0.1	-0.5	0.0	0.0
Guernsey	-0.4	0.8	-1.0	0.6	0.0	-0.7	0.5	0.2	0.6	-0.2	0.4	0.2	0.0	0.0
Hong Kong SAR	1.4	77.3	-1.2	44.4	2.3	19.8	2.3	32.7	-1.9	5.4	5.2	26.7	0.3	0.2
Isle of Man	1.0	2.2	1.3	2.3	1.6	1.8	-0.4	-0.2	0.0	0.0	-0.4	0.1	0.0	0.0
Jersey	3.5	22.6	4.2	22.4	4.0	22.3	-0.7	0.2	0.4	-1.2	-1.2	1.3	0.0	0.0
Lebanon	0.2	0.5	0.1	0.4	0.0	-0.1	0.2	0.2	0.0	0.0	0.2	0.1	-0.1	0.0
Macao SAR	-0.8	-2.6	-0.8	-5.9	2.3	-2.6	0.0	3.3	0.0	-0.1	0.3	3.2	0.0	0.0
Mauritius	0.5	1.0	-0.3	0.3	-0.4	-0.6	0.8	0.8	0.8	0.7	-0.1	0.1	0.1	0.0
Panama	-0.9	0.5	-0.3	-0.8	2.3	-0.2	-0.5	-0.4	0.0	-0.2	-0.5	-0.2	-0.1	1.6
Samoa	-0.3	1.3	0.0	0.0	0.0	0.0	-0.3	1.3	0.0	0.4	-0.2	0.7	0.0	0.0
Singapore	1.4	9.1	-1.2	2.2	-2.4	15.3	2.6	7.2	2.2	1.1	2.0	6.8	-0.1	-0.3
West Indies UK	6.1	24.2	-1.0	-1.5	0.2	0.0	7.1	25.9	6.1	20.1	1.0	4.9	0.0	-0.2
Developing countries	10.2	106.4	8.2	71.8	18.6	18.9	2.1	38.8	12.2	4.8	0.8	35.6	-0.1	-4.2
Developing Africa and Middle East	14.8	7.6	5.0	-6.0	0.9	-2.8	9.4	13.7	5.8	3.9	1.8	8.9	0.4	0.0
Algeria	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0
Angola	-0.2	-1.7	-0.3	-0.7	0.0	0.0	0.1	-0.9	0.0	0.0	0.0	-0.9	0.0	0.0
Benin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Botswana	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Burkina Faso	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Burundi	-0.2	-0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Cameroon	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Cape Verde	0.0	-0.4	0.0	-0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Central African Republic	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chad	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	...	0.0	0.0	-0.1	0.0	0.0
Comoros Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Congo	-0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Congo Democratic Republic	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Côte d'Ivoire	0.3	-0.1	0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Djibouti	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Egypt	1.6	2.3	1.4	2.8	0.0	0.0	0.3	-0.5	0.0	0.0	0.1	-0.5	0.0	0.0
Equatorial Guinea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eritrea	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Ethiopia	0.2	0.3	-0.1	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.2	0.1	0.0	0.0
Gabon	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gambia	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	...	0.0	0.0	0.5	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Ghana	-0.3	0.2	0.0	0.4	0.0	0.0	-0.3	-0.3	-0.1	0.0	-0.2	-0.3	0.0	0.0
Guinea	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Iran	-0.1	1.9	0.0	1.9	0.0	0.1	-0.1	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0
Iraq	0.0	-0.1	0.0	0.2	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	-0.3	0.0	0.0
Israel	0.4	1.1	-0.1	1.3	-0.1	-0.3	0.5	-0.2	0.3	-0.2	0.2	0.0	0.0	0.0
Jordan	0.6	0.9	0.0	0.6	0.0	-0.1	0.6	0.3	0.0	-0.1	0.2	0.2	0.0	0.0
Kenya	0.0	0.7	-0.1	0.6	0.0	0.3	0.2	0.2	-0.1	0.0	0.3	0.1	0.0	0.0
Kuwait	1.4	4.5	0.0	2.8	0.0	0.1	1.4	1.7	0.6	1.0	0.3	1.9	0.0	0.0
Lesotho	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Liberia	0.2	-0.9	-0.2	0.0	0.1	0.0	0.4	-0.9	0.3	-0.3	0.2	-0.5	0.0	0.0
Libya	0.1	1.9	0.0	1.8	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Madagascar	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Malawi	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mali	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Morocco	0.5	0.2	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.3	0.1	0.1	0.0
Mozambique	-0.1	0.0	0.0	-0.2	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Namibia	0.2	0.1	0.2	0.1	0.1	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Niger	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	-0.4	-1.2	-0.9	-1.6	0.0	-0.4	0.4	0.4	0.0	0.5	0.4	-0.1	0.1	0.0
Oman	0.4	0.8	0.1	0.0	0.0	0.0	0.3	0.8	0.0	0.0	-0.1	0.7	0.0	0.0
Palestinian Territory	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
Qatar	4.1	3.0	2.7	2.7	-0.1	-0.1	1.5	0.3	0.6	-0.3	0.5	0.7	-0.1	0.0
Rwanda	0.0	0.0	0.0	0.0	0.0	...	0.0	-0.1	...	0.0	0.0	-0.1	0.0	0.0
St Helena	0.0	0.0	...	0.0	...	...	0.0	0.0	...	0.0	0.0	...	...	...
São Tomé and Principe	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	5.0	-14.4	3.4	-20.6	0.9	0.0	1.6	6.2	2.2	3.1	0.0	2.5	0.0	0.0
Senegal	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Seychelles	-0.1	0.2	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	-0.2	0.0	0.3	0.0	0.0
Sierra Leone	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Somalia	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	...	0.0	0.0	0.0	0.0
South Africa	3.8	1.3	2.8	0.5	2.2	0.9	0.9	0.8	1.5	0.5	-0.7	0.2	0.0	0.0
Sudan	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Swaziland	0.1	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Syria	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Tanzania	0.1	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Togo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tunisia	0.1	1.0	-0.1	1.0	-0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Uganda	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector			
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16						
United Arab Emirates	-4.3	4.2	-4.5	-0.4	-2.2	-3.0	0.1	4.6	0.5	-0.1	-0.8	3.8	0.1	0.1
Yemen	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0
Zambia	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Zimbabwe	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Developing Asia and Pacific	2.7	94.0	6.0	74.9	19.2	29.5	-3.0	22.9	-1.3	3.4	6.2	18.3	-0.2	-3.8
Afghanistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Armenia	0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Azerbaijan	-0.3	-0.6	-0.2	-0.9	0.0	0.0	-0.2	0.2	0.0	0.0	-0.2	0.2	0.0	0.0
Bangladesh	0.3	2.1	0.0	2.0	-0.1	0.1	0.3	0.1	0.0	0.0	0.2	0.1	0.0	0.0
Bhutan	0.0	-0.4	0.0	-0.4	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
British overseas territories	0.0	0.0	0.0	0.0	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brunei	0.4	-0.1	0.3	-0.1	0.3	-0.1	0.0	0.0	0.0	0.2	0.0	-0.3	0.0	0.0
Cambodia	0.5	-0.2	0.2	-0.3	0.3	0.0	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0
China	-0.7	43.3	6.3	38.1	13.9	17.7	-5.7	8.9	-2.9	0.4	0.1	8.4	-1.3	-3.7
Chinese Taipei	7.3	10.3	5.7	4.6	4.5	1.7	1.5	5.7	0.4	2.2	1.5	2.5	0.1	0.0
Fiji	-0.5	-0.1	-0.5	-0.1	-0.4	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
French Polynesia	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
India	1.0	12.7	0.9	11.6	-0.5	7.6	-1.5	1.2	0.8	0.3	0.3	0.8	1.5	0.0
Indonesia	-0.3	0.3	1.2	-0.2	0.6	-0.2	-1.9	0.5	0.0	0.0	-0.3	0.7	0.4	0.0
Kazakhstan	0.1	4.8	0.1	2.1	0.0	0.1	-0.1	2.7	0.0	0.0	0.1	2.0	0.0	0.0
Kiribati	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Korea	-1.6	9.1	-4.2	8.8	0.0	4.5	2.5	0.2	0.2	-1.4	2.4	2.0	0.1	0.0
Kyrgyz Republic	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
Laos	-0.1	0.4	-0.3	0.3	0.2	-1.1	0.2	0.1	-0.1	0.0	0.3	0.1	0.0	0.0
Malaysia	-4.0	-0.3	-2.1	-1.4	0.9	-0.5	-0.3	1.1	-0.1	0.4	-0.2	0.8	-1.6	0.0
Maldives	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Marshall Islands	0.7	0.4	0.1	0.0	0.1	0.0	0.6	0.4	0.0	0.3	0.6	0.0	0.0	0.0
Micronesia	0.0	0.0	0.0	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
Mongolia	0.1	-0.4	0.0	0.0	0.0	...	0.1	-0.5	0.0	0.0	0.1	-0.5	0.0	0.0
Myanmar	0.1	-0.1	0.1	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nauru	0.0	0.0	...	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
Nepal	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
New Caledonia	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Korea	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	1.0	0.2	0.1	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.8	0.2	0.0	0.0
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	0.0	0.0	...	...	...
Papua New Guinea	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Philippines	-0.5	1.0	0.2	0.9	-0.6	-0.1	-0.7	0.1	0.1	0.0	-0.6	0.1	0.0	0.0
Solomon Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector				Unallocated by sector			
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16						
Sri Lanka	0.4	0.4	-0.1	0.3	0.1	0.0	0.3	0.1	0.0	0.1	0.2	0.0	0.1	0.0
Tajikistan	0.0	0.1	0.0	0.0	...	0.0	0.0	0.1	...	0.0	0.0	0.1	0.0	0.0
Thailand	-3.1	0.1	-2.9	-0.7	0.0	-0.1	-0.5	0.8	-0.1	0.6	0.1	0.4	0.3	0.0
Timor Leste	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.2	...	0.0	0.0	0.0	...	0.0
Tonga	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turkmenistan	0.3	0.4	0.1	0.3	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0
Tuvalu	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
US Pacific islands	0.0	0.0	0.0	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...
Uzbekistan	0.1	0.5	0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0
Vietnam	0.1	0.9	-0.1	1.0	0.0	0.4	0.1	-0.1	0.2	0.0	0.0	0.0	0.0	0.0
Wallis and Futuna	0.0	0.0	...	0.0	...	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Developing Europe	-5.2	11.7	-4.7	8.0	1.0	2.6	-0.1	4.4	2.3	-1.7	-1.6	7.2	-0.4	-0.8
Albania	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Belarus	0.0	0.6	0.1	0.5	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Bosnia and Herzegovina	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bulgaria	-0.6	1.2	-0.2	1.1	-0.1	0.0	-0.5	0.1	0.1	0.0	-0.6	0.1	0.0	0.0
Croatia	-0.7	1.4	-0.5	1.3	-0.1	0.5	-0.2	0.1	-0.1	0.0	0.0	0.2	0.0	0.0
Czech Republic	1.4	1.6	1.8	2.7	-0.4	0.1	-0.3	-0.6	0.1	0.0	0.0	-0.5	-0.1	-0.4
Hungary	-0.7	2.1	-0.2	1.2	3.9	2.3	-0.5	0.9	0.0	0.0	-0.4	1.0	0.0	0.0
Macedonia FYR	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Montenegro	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poland	2.3	1.0	1.0	0.4	0.1	-0.1	1.3	0.6	0.3	0.1	1.0	0.5	0.0	0.0
Romania	-0.4	0.1	-0.6	0.3	-0.5	-0.1	0.1	-0.2	0.2	0.0	-0.1	-0.2	0.0	0.0
Russia	-4.9	2.3	-2.0	-1.4	-0.2	-0.4	-2.9	3.9	-0.2	-1.7	-2.4	5.9	0.0	-0.1
Serbia	0.2	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0
Turkey	-1.2	0.4	-4.0	0.8	-1.7	-0.2	3.1	-0.3	2.0	0.0	1.1	0.5	-0.3	-0.1
Ukraine	-1.0	0.2	-0.4	0.5	-0.1	0.1	-0.6	-0.2	0.0	0.0	-0.4	-0.3	0.0	0.0
Developing Latin America and Caribbean	-2.1	-6.9	1.9	-5.2	-2.5	-10.4	-4.2	-2.1	5.5	-0.8	-5.5	1.2	0.2	0.4
Argentina	-3.4	1.5	-2.5	1.2	-0.1	0.0	-0.6	0.3	-0.1	-0.2	-0.5	0.5	-0.2	0.0
Belize	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2	-0.2	0.2	0.0	0.0
Bolivia	0.0	-1.9	0.0	-2.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Bonaire, Sint Eustatius and Saba	0.2	0.0	0.0	0.0	0.0	0.0	...	0.2	0.0	0.0	0.0	0.2	0.0	0.0
Brazil	0.5	-5.0	6.1	-7.0	-0.3	-10.6	-5.7	1.6	1.0	0.0	-3.8	1.4	0.1	0.4
Chile	-1.9	-1.4	-1.7	-2.3	-1.1	0.5	-0.1	0.9	0.2	0.1	-0.3	1.2	-0.1	0.0
Colombia	0.2	-1.6	0.1	-1.1	-0.1	0.0	0.0	-0.5	0.3	-0.3	-0.1	-0.5	0.1	0.0
Costa Rica	-0.1	-0.8	-0.1	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Cuba	0.0	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	-0.4	0.1	-0.3	0.2	0.0	0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0
Ecuador	0.1	-0.4	0.1	-0.3	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0

Cross-border positions, by residence and sector of counterparty (continued)

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A3.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Country of residence of counterparty	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
El Salvador	-0.2	-0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.0
Falkland Islands	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
Grenada	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	0.1	0.3	0.5	0.1	0.0	-0.1	-0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.0
Guyana	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Haiti	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Honduras	-0.1	-0.2	-0.1	-0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Jamaica	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Mexico	1.9	3.4	-1.0	6.1	-1.0	-0.3	3.0	-2.7	2.8	0.5	0.9	-0.5	-0.1	0.0
Nicaragua	0.1	0.0	0.1	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Paraguay	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Peru	0.5	-0.1	0.0	0.8	0.1	-0.3	0.1	-0.9	0.2	-0.8	0.0	-0.1	0.4	0.0
St Lucia	0.0	-0.1	0.0	0.0	0.0	...	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0
St Vincent and the Grenadines	0.1	0.0	0.0	0.0	0.0	...	0.1	0.0	0.1	-0.1	0.0	0.1	0.0	0.0
Suriname	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	0.3	0.3	0.1	0.0	0.1	0.0	0.3	0.2	0.0	0.1	0.1	0.1	0.0	0.0
Turks and Caicos Islands	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0
Uruguay	-0.2	-0.9	-0.3	0.1	-0.1	0.4	0.1	-1.0	0.1	-0.1	0.1	-0.9	0.0	0.0
Venezuela	0.0	-0.3	-0.1	0.4	0.0	0.0	0.0	-0.7	0.1	-0.1	-0.1	-0.6	0.0	0.0
International organisations	-5.9	14.3	-3.1	-0.8	0.0	0.0	-3.2	15.4	0.1	17.4	-3.3	-1.6	0.4	-0.3
Unallocated location	-3.0	11.6	-12.1	6.0	-61.7	-4.4	3.9	3.2	9.3	0.2	-5.4	3.0	5.1	2.4

Cross-border positions, by nationality of reporting bank and sector of counterparty

Amounts outstanding, in billions of US dollars

Table A4.1

Nationality of reporting bank	Sector of counterparty		Bank sector				Non-bank sector				Unallocated by sector			
			All sectors		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities		
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Banks in all LBS reporting countries	28,238.5	25,684.2	14,830.2	14,161.9	9,269.6	8,347.7	12,832.2	8,490.2	5,063.0	4,072.6	6,394.6	3,348.5	576.1	3,032.0
Of which:														
Australia	558.1	835.3	370.0	662.2	237.3	215.9	187.0	172.2	7.0	5.4	7.7	10.1	1.1	0.9
Austria	168.9	130.0	73.7	38.0	17.1	5.7	95.1	39.9	0.4	1.9	1.4	1.3	0.1	52.1
Bahamas	12.6	8.4	4.0	4.6	...	...	8.6	3.8	...	...	...	...	...	0.0
Bahrain	21.6	26.4	4.6	7.1	1.9	1.7	17.0	19.3	0.1	0.0	0.2	1.1	0.0	0.0
Belgium	316.5	316.3	193.1	169.7	108.0	76.7	122.1	63.0	36.0	39.3	85.4	23.2	1.3	83.7
Bermuda	9.1	3.3	2.3	1.0	0.4	0.1	6.8	2.3	0.1	0.3	4.5	0.9	0.0	0.0
Brazil	267.1	275.7	195.5	199.2	150.2	117.0	70.2	53.5	4.4	7.4	23.3	21.5	1.5	23.0
Canada	944.5	786.1	552.2	468.6	428.4	339.4	391.0	230.5	186.4	90.2	133.2	104.3	1.4	87.1
Cayman Islands	7.3	16.9	5.6	10.3	0.3	2.1	1.7	6.6	0.2	0.6	0.3	0.1	0.0	0.0
Chile	7.3	12.8	5.2	10.2	...	...	1.3	1.9	...	...	...	...	0.9	0.6
China	1,575.1	1,481.1	832.8	752.0	433.7	396.0	741.9	726.6	112.9	140.0	575.0	575.5	0.3	2.6
Chinese Taipei	311.3	198.2	147.4	92.7	35.2	29.0	159.7	105.1	72.7	21.5	80.4	80.3	4.2	0.4
Cyprus	13.2	16.7	3.4	7.2	0.5	4.9	9.8	9.4	5.0	1.7	4.7	7.2	0.0	0.1
Denmark	281.5	276.6	191.1	211.4	105.3	79.2	90.4	60.2	48.2	44.7	41.0	14.8	0.0	5.0
Finland	37.8	89.1	25.2	10.1	0.5	...	12.6	14.8	5.8	12.2	6.8	2.6	0.0	64.2
France	3,115.0	3,077.9	1,755.8	1,434.8	1,187.2	933.0	1,248.3	943.5	622.7	576.1	534.8	245.8	110.9	699.5
Germany	2,792.1	2,487.6	1,580.1	1,347.8	930.0	926.7	1,206.8	457.6	231.2	143.5	604.1	137.0	5.2	682.2
Greece	105.6	50.2	26.9	36.9	5.0	13.3	78.7	13.2	1.8	1.4	2.9	3.8	0.0	0.0
Hong Kong SAR	40.7	36.1	23.9	19.3	9.7	12.6	16.8	16.7	2.9	0.1	13.9	8.8	0.0	0.0
India	195.3	253.1	107.1	105.2	40.8	41.6	88.2	147.6	1.5	6.6	41.2	116.3	0.0	0.4
Indonesia	14.6	13.5	11.7	11.1	6.1	2.3	2.9	2.5	0.0	...	0.9	0.0	0.0	0.0
Ireland	96.8	87.8	74.3	61.5	53.7	44.5	22.5	13.1	8.0	2.9	11.9	4.2	0.0	13.2
Italy	715.7	513.8	417.7	325.2	130.2	147.7	297.4	156.8	87.4	117.8	160.5	24.0	0.5	31.7
Japan	4,515.6	2,077.3	1,756.8	1,635.0	1,152.9	942.6	2,757.8	422.5	895.9	237.9	1,726.6	83.0	0.9	19.7
Korea	169.1	156.8	84.1	134.1	36.1	28.3	79.8	18.6	10.1	10.6	64.5	7.5	5.2	4.1
Luxembourg	61.9	33.0	35.8	17.8	4.7	5.2	26.0	15.0	5.5	6.2	17.7	8.4	0.1	0.2
Malaysia	49.2	52.9	36.0	32.5	15.9	7.1	13.2	20.4	0.0	0.0	1.4	0.9	...	0.0
Mexico	22.9	22.2	9.3	14.0	...	...	13.5	5.8	...	...	...	...	...	2.4
Netherlands	1,582.4	1,274.1	681.2	545.3	459.9	381.7	667.1	457.6	292.1	200.2	337.6	239.8	234.0	271.2
Panama	23.4	20.2	15.3	13.7	2.7	1.6	8.1	6.4	...	...	...	...	...	0.0
Portugal	82.7	73.5	40.9	43.3	24.5	24.8	41.8	28.7	14.0	7.1	21.9	13.8	0.1	1.5
Singapore	225.2	226.8	104.4	136.6	67.8	69.7	120.2	89.8	2.1	2.1	15.9	19.1	0.5	0.4
South Africa	61.7	58.5	39.0	44.3	16.3	23.2	22.5	14.2	3.8	3.3	11.7	6.3	0.3	0.0
Spain	587.5	467.4	278.3	357.0	174.7	133.1	308.2	104.4	7.9	7.8	20.8	20.0	1.0	6.0
Sweden	774.7	705.1	548.7	509.2	381.0	336.8	222.9	160.2	84.6	69.9	130.2	58.2	3.1	35.7
Switzerland	1,801.5	1,659.2	963.8	895.9	631.5	636.8	833.6	758.0	231.5	246.9	180.8	270.4	4.1	5.3
Turkey	61.2	110.7	24.9	73.3	14.3	10.1	36.2	37.2	2.8	6.7	16.2	12.2	0.2	0.2
United Kingdom	2,632.6	2,429.0	1,361.2	1,406.5	961.7	945.3	1,265.4	1,007.2	148.3	148.8	213.4	248.7	5.9	15.3
United States	3,078.9	3,783.7	1,721.0	1,805.6	1,198.1	1,185.3	1,345.5	1,956.8	574.8	730.3	300.2	437.6	12.4	21.3

Cross-border positions, by nationality of reporting bank and sector of counterparty

Break- and exchange rate-adjusted changes, in billions of US dollars

Table A4.2

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector	
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial			
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
Nationality of reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Banks in all LBS reporting countries	-72.3	-8.1	-260.9	-127.2	-86.2	22.7	177.7	127.7	129.2	56.7	69.5	137.0	10.9	-8.6
Of which:														
Australia	-38.2	-31.0	-35.3	-22.8	-13.6	-8.3	-3.1	-8.2	1.9	-0.1	-0.5	0.2	0.2	0.0
Austria	-7.6	-7.7	-5.4	-4.3	-0.2	-1.8	-2.2	-0.7	0.0	0.2	-0.1	0.1	0.0	-2.7
Bahamas	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	...	...	...	...	0.0
Bahrain	-0.1	-0.4	0.0	-0.2	0.1	0.1	0.0	-0.2	0.1	0.0	0.0	0.0	0.0	0.0
Belgium	-14.6	-17.3	-11.1	-5.0	-0.9	-6.5	-3.5	-8.8	-2.7	-8.2	-0.8	-0.6	0.0	-3.5
Bermuda	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.2	-0.1	0.0	0.0
Brazil	-10.9	-19.4	-8.9	-19.0	-13.0	-16.3	-1.5	0.1	-0.2	0.0	-1.4	-0.4	-0.4	-0.5
Canada	32.1	27.1	21.9	22.1	20.6	20.6	10.5	1.6	14.0	0.6	1.3	6.3	-0.3	3.5
Cayman Islands	0.0	0.9	0.0	1.0	0.0	0.6	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Chile	-0.4	-1.6	0.5	1.2	...	...	-0.5	-2.4	...	...	...	-0.4	-0.4	-0.4
China	87.2	87.9	46.7	36.3	67.5	30.5	40.5	51.4	12.7	6.4	31.1	43.5	-0.1	0.2
Chinese Taipei	8.2	22.2	4.4	2.5	2.4	3.3	2.4	19.7	1.3	11.6	1.0	8.1	1.4	0.0
Cyprus	-0.1	0.3	-0.1	0.4	0.0	0.0	0.0	0.0	0.1	-0.2	-0.1	0.1	0.0	0.0
Denmark	1.2	6.0	0.2	4.1	9.1	10.1	1.1	1.9	1.0	1.2	0.1	0.7	-0.1	0.0
Finland	0.3	3.3	1.4	-0.1	0.0	...	-1.1	2.0	-1.0	1.5	-0.1	0.5	0.0	1.4
France	70.7	63.5	-26.4	-15.5	-22.0	-12.4	71.8	67.5	77.1	68.6	-3.0	2.4	25.3	11.6
Germany	-80.2	-41.9	-59.4	-38.3	-47.9	-20.3	-20.8	-1.9	-9.8	2.4	-6.8	-7.6	0.1	-1.7
Greece	-2.1	2.9	-3.9	2.2	-0.2	-0.3	1.8	0.8	0.1	0.0	-0.2	0.0	0.0	0.0
Hong Kong SAR	2.4	-0.7	0.6	-0.8	-0.6	-0.5	1.8	0.0	-1.0	0.0	2.7	0.0	0.0	0.0
India	10.1	25.7	7.6	9.6	4.6	8.8	2.5	16.0	0.9	-0.4	1.5	16.0	0.0	0.1
Indonesia	-2.5	-1.4	-1.1	-0.4	-0.4	0.6	-1.5	-1.0	0.0	0.0	0.1	0.0	0.0	0.0
Ireland	-0.6	2.6	-1.1	1.9	-1.0	1.1	0.5	0.1	0.2	-0.1	0.2	0.1	0.0	0.5
Italy	-36.3	-29.2	-26.5	-23.6	-16.5	-12.2	-9.9	-5.2	1.4	1.0	-11.0	-5.5	0.1	-0.5
Japan	59.6	-32.0	-9.3	-20.9	-25.5	-15.7	68.6	-10.8	-1.0	-13.8	67.1	8.2	0.3	-0.3
Korea	6.6	-1.0	5.0	-0.7	2.3	1.2	-0.1	-0.2	-0.4	-0.2	0.2	0.0	1.7	-0.1
Luxembourg	-1.1	2.2	0.2	1.8	0.6	0.2	-1.2	0.4	-0.9	0.3	-0.5	0.1	0.0	0.1
Malaysia	-2.0	1.9	-2.1	-0.7	-1.2	0.4	0.1	2.6	0.0	0.0	0.2	0.0	...	0.0
Mexico	2.9	0.8	0.8	-1.3	...	...	2.1	0.9	...	...	...	...	...	1.2
Netherlands	-50.7	-34.8	-22.1	-20.7	-10.5	-17.5	-10.9	1.8	-6.1	-0.4	-4.9	2.5	-17.7	-15.9
Panama	-1.2	-0.2	-1.2	0.3	0.0	0.1	0.0	-0.5	...	...	...	...	...	0.0
Portugal	-2.5	-2.5	-0.7	-1.3	-0.6	-0.4	-1.7	-1.1	-0.4	-0.7	-1.2	-0.2	-0.1	-0.1
Singapore	3.7	6.1	2.3	9.1	3.0	3.0	1.3	-3.0	-0.4	-2.8	1.8	3.2	0.1	0.0
South Africa	3.4	3.6	2.9	4.1	3.3	3.7	0.5	0.5	0.2	0.4	0.1	0.0	0.1	-1.0
Spain	1.0	-22.0	-5.8	-12.4	5.1	-5.4	6.3	-10.9	1.6	-0.3	1.0	-0.1	0.4	1.2
Sweden	-34.6	-43.2	-16.0	-26.7	-10.4	-7.1	-13.5	-11.8	-11.4	2.7	-2.1	1.8	-5.0	-4.7
Switzerland	-18.7	14.2	-15.6	10.5	-14.0	26.2	-3.7	1.8	-4.8	3.5	5.4	4.0	0.5	1.8
Turkey	0.5	-3.8	0.2	-2.5	-0.4	0.1	0.3	-1.2	-0.2	0.0	0.6	-0.5	0.0	-0.1
United Kingdom	-14.5	8.7	-33.8	-0.3	-8.7	-0.9	19.1	9.6	15.4	9.5	-2.2	-1.8	0.2	-0.6
United States	-29.2	20.9	-87.4	-7.4	-18.2	17.3	60.6	32.1	22.5	-7.8	38.3	46.8	-2.3	-3.8

A5 Location of reporting bank

Table A5 presents the claims and liabilities of banking offices located in individual LBS-reporting countries regardless of the nationality of the controlling parent. A list of banking offices that contribute to the LBS is available on the BIS website (www.bis.org/statistics/count_rep_practices.htm).

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Banks located in Australia

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	27,108	5,030	3,109,293	-2,764	15,721	2,887,060
Cross-border positions						
Of which: local currency	7,498	-30,501	445,182	6,660	-19,065	732,397
Local positions						
Of which: local currency	-1,860	-3,269	148,336	1,105	-3,275	146,273
Unallocated						
Of which: local currency	19,601	35,438	2,655,895	-9,677	33,898	2,143,141
	32,903	40,165	2,564,276	12,894	35,976	2,071,896
	10	93	8,216	253	887	11,521
	34	50	7,496	159	210	9,147
Cross-border positions	7,498	-30,501	445,182	6,660	-19,065	732,397
By sector of counterparty						
Banks	-9,462	-24,698	272,399	-11,415	-13,597	603,123
Of which: intragroup	-1,451	-3,953	157,679	-6,908	-9,203	159,393
Non-banks	16,960	-5,803	172,783	18,075	-5,468	129,274
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	\	0	0
By currency						
Local currency	-1,860	-3,269	148,336	1,105	-3,275	146,273
Foreign currencies	9,358	-27,232	296,847	5,556	-15,790	586,124
Of which: US dollar	-3,841	-13,084	187,885	-7,204	-2,002	363,127
Of which: euro	570	-627	25,910	1,895	-2,366	95,701
Of which: yen	532	-2,400	9,086	-224	-4,451	19,678
Of which: pound sterling	3,944	-3,637	18,103	7,429	-4,477	41,185
Of which: Swiss franc	798	-1,100	810	85	-547	7,688
Of which: other currencies	7,355	-6,384	55,053	3,575	-1,947	58,744
By instrument						
Of which: loans and deposits	11,683	-3,486	215,854	13,313	4,143	205,875
Of which: debt securities	-846	-1,992	27,335	2,055	-6,014	352,306
Local positions in foreign currencies	-13,302	-4,727	91,619	-22,571	-2,078	71,246
By sector of counterparty						
Banks	-13,022	-3,327	11,784	-22,544	-2,160	15,458
Of which: intragroup	...	...	...	...	...	...
Non-banks	-280	-1,400	79,835	-27	82	55,788
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	0	0	\	\	\
By currency						
Of which: US dollar	-15,688	-3,949	63,736	-24,428	-1,586	52,176
Of which: euro	90	531	12,196	402	271	5,297
By instrument						
Of which: loans and deposits	-1,152	-529	69,936	1,707	501	47,194
Of which: debt securities	-119	-28	1,548	406	-32	3,784
Local positions in local currency	32,903	40,165	2,564,276	12,894	35,976	2,071,896
Unallocated by type of position	10	93	8,216	253	887	11,521
By currency						
Of which: local currency	34	50	7,496	159	210	9,147
Of which: US dollar	29	-2	313	74	-18	622
Of which: euro	-29	38	353	0	1	6
By instrument						
Of which: loans and deposits	-56	35	7,159	165	250	9,219
Of which: debt securities	105	50	1,001	146	613	2,246

Banks located in Austria

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-11,672	-10,746	849,269	-11,030	-12,391	746,145
Cross-border positions	-7,001	-13,933	256,405	-2,559	-8,777	163,803
Of which: local currency	-3,019	-11,212	181,952	-300	-7,055	104,215
Local positions	-4,670	3,187	592,864	-8,472	-3,613	582,342
Of which: local currency	-2,400	4,042	545,251	-7,471	-4,201	558,028
Unallocated	0	\	\	\	\	\
Of which: local currency	\	0	0	\	\	\
Cross-border positions	-7,001	-13,933	256,405	-2,559	-8,777	163,803
By sector of counterparty						
Banks	-7,741	-11,312	106,134	-1,540	-4,336	54,452
Of which: intragroup	-61	149	7,818	187	-417	8,216
Non-banks	740	-2,621	150,271	913	-1,717	50,956
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	-1,931	-2,724	58,395
By currency						
Local currency	-3,019	-11,212	181,952	-300	-7,055	104,215
Foreign currencies	-3,982	-2,721	74,453	-2,259	-1,723	59,588
Of which: US dollar	-3,264	-1,558	40,441	-240	-1,426	39,596
Of which: euro	...	...	...	...	...	...
Of which: yen	-103	-84	488	-160	-189	1,590
Of which: pound sterling	-305	-57	5,601	-342	-69	2,133
Of which: Swiss franc	899	-1,579	5,836	-549	343	11,196
Of which: other currencies	-1,209	557	22,088	-969	-383	5,073
By instrument						
Of which: loans and deposits	-8,399	-10,519	169,130	-627	-6,053	105,408
Of which: debt securities	2,006	-3,795	64,748	-1,931	-2,724	58,395
Local positions in foreign currencies	-2,270	-855	47,612	-1,001	588	24,314
By sector of counterparty						
Banks	-1,065	-261	13,771	-969	387	13,072
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,205	-594	33,841	-160	82	5,875
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	128	119	5,368
By currency						
Of which: US dollar	315	-199	6,498	-103	836	10,317
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-2,250	-796	47,036	-1,129	468	18,947
Of which: debt securities	2	-56	551	128	119	5,368
Local positions in local currency	-2,400	4,042	545,251	-7,471	-4,201	558,028
Unallocated by type of position	0	\	\	\	\	\
By currency						
Of which: local currency	\	0	0	\	\	\
Of which: US dollar	\	0	0	\	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	0	\	\
Of which: debt securities	\	\	\	0	0	0

Banks located in Bahamas

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	752	82	138,443	722	93	130,104
Cross-border positions						
Of which: local currency	591	114	123,958	626	87	116,478
Local positions	0	0	0	0	0	69
Of which: local currency	161	-32	14,485	96	5	13,627
Unallocated	0	0	998	0	0	-710
Of which: local currency	...	...	...	...	...	...
Cross-border positions	591	114	123,958	626	87	116,478
By sector of counterparty						
Banks	415	106	95,262	402	98	68,638
Of which: intragroup	...	...	...	...	...	...
Non-banks	175	8	28,120	222	-11	47,507
Of which: non-bank financial	32	-6	10,113	132	-23	19,357
Of which: non-financial	143	14	18,007	90	12	28,150
Unallocated	0	0	576	2	0	333
By currency						
Local currency	0	0	0	0	0	69
Foreign currencies	591	114	123,958	626	87	116,409
Of which: US dollar	0	0	99,293	0	0	95,741
Of which: euro	238	-50	9,406	311	-65	12,305
Of which: yen	-32	-6	352	0	0	-5
Of which: pound sterling	278	163	4,117	263	154	3,886
Of which: Swiss franc	58	-7	4,022	40	-5	2,755
Of which: other currencies	48	15	6,768	12	4	1,728
By instrument						
Of which: loans and deposits	513	105	84,647	438	43	63,222
Of which: debt securities	26	-3	8,718	144	48	25,118
Local positions in foreign currencies	161	-32	13,488	96	5	14,336
By sector of counterparty						
Banks	42	-8	7,024	62	-2	9,014
Of which: intragroup	...	...	...	...	...	...
Non-banks	119	-24	6,298	30	7	4,478
Of which: non-bank financial	102	-21	4,354	7	0	1,206
Of which: non-financial	17	-3	1,944	23	7	3,271
Unallocated	0	0	165	4	0	844
By currency						
Of which: US dollar	0	0	7,125	0	0	9,310
Of which: euro	158	-33	6,235	47	-10	1,839
By instrument						
Of which: loans and deposits	150	-30	10,478	77	2	10,733
Of which: debt securities	8	-2	1,036	5	1	1,052
Local positions in local currency	0	0	998	0	0	-710
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Bahrain

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	1,174	590	192,728	995	507	192,729
Cross-border positions	-733	768	137,861	543	772	138,058
Of which: local currency	...	...	...	...	...	...
Local positions	1,854	-177	54,694	453	-209	53,480
Of which: local currency	...	...	...	...	...	...
Unallocated	52	-1	173	0	-56	1,191
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-733	768	137,861	543	772	138,058
By sector of counterparty						
Banks	-2,387	675	52,661	692	3,121	82,420
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,654	92	85,200	-149	-2,349	55,638
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-733	768	137,861	543	772	138,058
Of which: US dollar	-2,242	501	95,730	84	1,047	104,276
Of which: euro	488	-1,043	9,074	307	-925	8,163
Of which: yen	143	-122	238	106	-107	327
Of which: pound sterling	267	975	4,684	119	452	2,464
Of which: Swiss franc	161	37	539	143	-22	258
Of which: other currencies	451	419	27,596	-216	328	22,570
By instrument						
Of which: loans and deposits	-733	768	137,861	543	772	138,058
Of which: debt securities	...	...	...	...	...	...
Local positions in foreign currencies	1,854	-177	54,694	453	-209	53,480
By sector of counterparty						
Banks	749	-1,025	13,318	653	-430	13,131
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,105	848	41,376	-201	221	40,349
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	1,338	-933	16,660	467	-766	19,370
Of which: euro	221	-240	374	335	-390	499
By instrument						
Of which: loans and deposits	1,854	-177	54,694	453	-209	53,480
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	52	-1	173	0	-56	1,191
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	55	-4	172	-1	-60	1,156
Of which: euro	2	0	1	0	-1	-1
By instrument						
Of which: loans and deposits	52	-1	173	0	-56	1,191
Of which: debt securities	...	...	...	...	...	...

Banks located in Belgium

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	23,894	-12,013	1,259,931	23,158	-11,835	1,253,233
Cross-border positions						
Of which: local currency	10,169	-36,524	613,861	7,972	-14,995	515,405
Local positions						
Of which: local currency	-3,853	-28,737	406,146	-9,525	-9,121	304,538
Unallocated						
Of which: local currency	13,725	24,511	646,071	15,186	3,160	737,828
	10,038	26,693	632,297	13,458	2,608	711,302
...
...
Cross-border positions	10,169	-36,524	613,861	7,972	-14,995	515,405
By sector of counterparty						
Banks	1,638	-32,325	353,128	-5,352	12,975	283,481
Of which: intragroup	3,555	-9,059	219,157	2,695	-4,696	139,216
Non-banks	8,530	-4,200	260,725	11,676	-26,468	209,802
Of which: non-bank financial	7,788	-2,346	134,157	12,054	-24,650	157,514
Of which: non-financial	742	-1,854	126,568	-378	-1,818	52,288
Unallocated	1	0	8	1,648	-1,501	22,122
By currency						
Local currency	-3,853	-28,737	406,146	-9,525	-9,121	304,538
Foreign currencies	14,022	-7,787	207,715	17,497	-5,874	210,867
Of which: US dollar	19,165	-12,305	130,680	21,289	-10,258	143,723
Of which: euro	...	...	...	...	...	...
Of which: yen	1,560	-2,067	8,034	2,135	-2,306	6,847
Of which: pound sterling	-7,225	4,820	37,437	-5,444	4,370	36,183
Of which: Swiss franc	-530	-797	4,040	-610	-199	5,312
Of which: other currencies	1,053	2,563	27,524	126	2,518	18,801
By instrument						
Of which: loans and deposits	636	-26,815	349,910	-3,734	-6,718	325,423
Of which: debt securities	646	-3,622	87,191	376	-2,106	16,013
Local positions in foreign currencies	3,687	-2,182	13,774	1,729	552	26,527
By sector of counterparty						
Banks	2,489	-1,123	5,584	278	865	7,379
Of which: intragroup	718	381	3,255	1,314	723	5,247
Non-banks	1,198	-1,059	8,190	866	-587	15,919
Of which: non-bank financial	752	-528	2,227	246	-681	3,755
Of which: non-financial	446	-531	5,963	620	95	12,165
Unallocated	...	...	...	585	274	3,229
By currency						
Of which: US dollar	2,279	-2,048	8,852	226	70	17,661
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	2,052	282	11,953	1,080	746	21,202
Of which: debt securities	-31	116	335	584	283	2,749
Local positions in local currency	10,038	26,693	632,297	13,458	2,608	711,302
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Bermuda

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	223	-1,054	15,464	208	-1,089	14,320
Cross-border positions	384	-1,004	12,622	1,148	-359	3,050
Of which: local currency	-5	-4	22	0	21	88
Local positions	-161	-50	2,842	-939	-730	11,270
Of which: local currency	42	-55	1,511	85	42	1,531
Unallocated	\	\	\	0	0	0
Of which: local currency	\	...	...	0	\	\
Cross-border positions	384	-1,004	12,622	1,148	-359	3,050
By sector of counterparty						
Banks	1,785	-1,500	4,950	-184	366	499
Of which: intragroup	1,275	-1,056	2,754	-177	392	487
Non-banks	-1,400	496	7,672	1,331	-726	2,551
Of which: non-bank financial	-626	192	2,031	1,153	-598	1,556
Of which: non-financial	-775	304	5,641	179	-128	626
Unallocated	0	\	\	\	\	\
By currency						
Local currency	-5	-4	22	0	21	88
Foreign currencies	389	-1,000	12,600	1,148	-380	2,961
Of which: US dollar	312	-315	9,241	49	748	2,578
Of which: euro	-122	133	641	27	10	191
Of which: yen	-734	16	321	-47	12	20
Of which: pound sterling	-56	278	1,551	62	-91	97
Of which: Swiss franc	17	-36	156	-2	0	4
Of which: other currencies	972	-1,078	691	1,059	-1,059	71
By instrument						
Of which: loans and deposits	1,451	-1,508	3,972	1,199	-496	2,586
Of which: debt securities	-1,060	484	8,259	0	0	117
Local positions in foreign currencies	-203	6	1,332	-1,024	-772	9,740
By sector of counterparty						
Banks	-186	-93	87	109	-142	207
Of which: intragroup	-22	5	8	51	-94	170
Non-banks	-17	99	1,245	-1,133	-630	9,532
Of which: non-bank financial	-73	41	152	-669	-574	3,989
Of which: non-financial	56	57	1,093	-465	-56	2,159
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	-23	8	1,155	-649	-641	7,509
Of which: euro	-187	-67	53	-302	42	524
By instrument						
Of which: loans and deposits	-216	11	1,262	-1,043	-802	9,620
Of which: debt securities	7	-2	26	...	...	...
Local positions in local currency	42	-55	1,511	85	42	1,531
Unallocated by type of position	\	\	\	0	0	0
By currency						
Of which: local currency	\	...	...	0	\	\
Of which: US dollar	\	0	0	0	0	0
Of which: euro	0	\	...	0	\	\
By instrument						
Of which: loans and deposits	\	\	\	0	0	0
Of which: debt securities	0	0	0	...	...	...

Banks located in Brazil

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	27,546	15,172	2,131,903	27,846	16,361	1,982,939
Cross-border positions						
Of which: local currency	4,546	-8,026	84,894	-4,750	6,023	141,790
Local positions	70	-584	802	-232	-704	693
Of which: local currency	23,044	23,132	2,046,709	32,699	10,346	1,840,281
Unallocated	18,206	29,165	2,016,826	28,372	23,657	1,810,052
Of which: local currency	-44	65	300	-103	-8	868
	-2	\	\	-10	-8	35
Cross-border positions	4,546	-8,026	84,894	-4,750	6,023	141,790
By sector of counterparty						
Banks	4,500	-9,193	80,985	-4,698	5,575	135,976
Of which: intragroup	7,411	-23	66,150	2,021	-11	56,173
Non-banks	46	1,167	3,909	-52	448	5,814
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	70	-584	802	-232	-704	693
Foreign currencies	4,478	-7,441	84,093	-4,516	6,727	141,097
Of which: US dollar	6,813	-7,340	66,165	-2,622	5,804	132,286
Of which: euro	-1,797	-299	9,915	-1,649	649	6,323
Of which: yen	-179	-51	2,078	-37	-29	945
Of which: pound sterling	-99	-38	766	-451	82	239
Of which: Swiss franc	33	13	312	150	1	291
Of which: other currencies	-293	273	4,857	93	220	1,013
By instrument						
Of which: loans and deposits	1,581	-9,588	35,004	-3,831	6,331	121,625
Of which: debt securities	-193	-295	1,291	-503	-447	14,548
Local positions in foreign currencies	4,838	-6,032	29,883	4,326	-13,312	30,228
By sector of counterparty						
Banks	4,322	-3,455	9,058	-2,030	-6,789	17,382
Of which: intragroup	...	...	...	...	...	...
Non-banks	516	-2,577	20,825	6,356	-6,523	12,846
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	4,868	-6,079	28,451	4,528	-13,013	29,425
Of which: euro	58	109	1,150	-188	-352	589
By instrument						
Of which: loans and deposits	4,832	-6,065	29,713	4,673	-13,257	29,233
Of which: debt securities	16	15	106	-82	548	957
Local positions in local currency	18,206	29,165	2,016,826	28,372	23,657	1,810,052
Unallocated by type of position	-44	65	300	-103	-8	868
By currency						
Of which: local currency	-2	\	\	-10	-8	35
Of which: US dollar	-36	40	173	-93	-1	828
Of which: euro	-8	22	103	-2	1	4
By instrument						
Of which: loans and deposits	-43	64	300	-11	-12	125
Of which: debt securities	1	-2	-1	-91	2	742

Banks located in Canada

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	67,708	29,624	2,559,054	89,061	18,802	2,138,804
Cross-border positions	30,058	19,145	562,492	36,034	15,778	477,427
Of which: local currency	1,307	1,914	108,186	10,624	-4,235	119,337
Local positions	37,642	10,486	1,996,506	53,534	7,594	1,522,982
Of which: local currency	35,678	14,782	1,900,224	38,803	10,361	1,303,045
Unallocated	8	-7	57	\	\	\
Of which: local currency	7	\	\	\	\	\
Cross-border positions	30,058	19,145	562,492	36,034	15,778	477,427
By sector of counterparty						
Banks	17,497	3,043	275,980	-725	10,323	238,168
Of which: intragroup	14,665	-1,048	219,218	-2,372	7,520	203,831
Non-banks	12,889	16,247	285,392	31,758	1,010	157,184
Of which: non-bank financial	4,199	15,405	174,546	27,333	-3,400	61,156
Of which: non-financial	8,691	842	110,846	4,426	4,410	96,028
Unallocated	\	\	\	5,001	4,444	82,075
By currency						
Local currency	1,307	1,914	108,186	10,624	-4,235	119,337
Foreign currencies	28,751	17,231	454,306	25,409	20,013	358,090
Of which: US dollar	27,287	16,653	407,354	21,192	17,973	300,534
Of which: euro	2,835	890	15,780	2,996	-351	35,187
Of which: yen	-1,718	-385	10,774	1,253	-366	4,172
Of which: pound sterling	398	144	8,727	-431	1,929	8,944
Of which: Swiss franc	-228	-49	392	\	272	757
Of which: other currencies	176	-23	11,278	405	554	8,497
By instrument						
Of which: loans and deposits	23,239	11,941	463,547	36,277	15,779	477,290
Of which: debt securities	1,756	5,354	72,751	-243	-1	137
Local positions in foreign currencies	1,964	-4,296	96,281	14,731	-2,767	219,936
By sector of counterparty						
Banks	2,386	-996	15,682	123	441	2,314
Of which: intragroup	\	\	\	5	\	\
Non-banks	-581	-3,433	79,829	7,753	-1,892	100,979
Of which: non-bank financial	-3,200	-4,833	11,207	1,245	444	16,625
Of which: non-financial	2,619	1,399	68,622	6,507	-2,336	84,353
Unallocated	\	\	\	6,856	-1,316	116,643
By currency						
Of which: US dollar	1,728	-3,825	92,781	12,546	-5,918	181,687
Of which: euro	-132	-77	1,890	1,967	1,534	24,079
By instrument						
Of which: loans and deposits	789	-4,162	72,670	14,731	-4,266	218,430
Of which: debt securities	1,365	269	16,241	\	\	\
Local positions in local currency	35,678	14,782	1,900,224	38,803	10,361	1,303,045
Unallocated by type of position	8	-7	57	\	\	\
By currency						
Of which: local currency	7	\	\	\	\	\
Of which: US dollar	\	\	\	\	-4,731	67,290
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	8	-7	57	\	\	\
Of which: debt securities	\	\	\	626	-1,328	18,606

Banks located in Cayman Islands

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-31,311	-60,318	1,094,437	-30,042	-60,215	1,140,310
Cross-border positions						
Of which: local currency	-29,891	-55,270	1,073,501	-26,220	-57,017	1,082,840
Local positions	-3	4	26	-3	-37	400
Of which: local currency	-1,421	-5,048	20,936	-3,822	-3,198	57,470
Unallocated	11	-28	2,126	-33	35	1,797
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-29,891	-55,270	1,073,501	-26,220	-57,017	1,082,840
By sector of counterparty						
Banks	-13,829	-47,511	760,972	4,983	-17,363	649,199
Of which: intragroup	-10,407	-56,499	688,510	53,690	-11,898	524,692
Non-banks	-16,062	-7,759	312,529	-18,163	-40,930	397,873
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	-13,040	1,276	35,768
By currency						
Local currency	-3	4	26	-3	-37	400
Foreign currencies	-29,888	-55,274	1,073,475	-26,217	-56,980	1,082,440
Of which: US dollar	-8,606	-53,758	1,017,299	-561	-56,013	1,027,259
Of which: euro	-147	-1,701	22,088	-4,579	1,198	26,104
Of which: yen	-747	-249	10,015	207	-835	5,627
Of which: pound sterling	-58	557	7,467	-890	1,324	7,655
Of which: Swiss franc	187	-98	4,180	-458	-402	4,377
Of which: other currencies	-20,517	-24	12,426	-19,936	-2,251	11,418
By instrument						
Of which: loans and deposits	-46,474	-47,878	905,043	-12,526	-75,565	939,767
Of which: debt securities	825	-2,681	55,606	-13,040	1,276	35,768
Local positions in foreign currencies	-1,432	-5,020	18,810	-3,789	-3,233	55,673
By sector of counterparty						
Banks	-6,245	-4,907	6,948	-6,039	-7,179	9,009
Of which: intragroup	...	...	...	...	...	...
Non-banks	4,813	-113	11,862	2,250	3,946	46,664
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-1,098	-4,888	18,149	3,747	-4,143	45,572
Of which: euro	13	-109	219	-82	37	1,302
By instrument						
Of which: loans and deposits	-2,962	-4,574	10,510	-3,869	-3,136	55,145
Of which: debt securities	-153	56	2,383	...	...	...
Local positions in local currency	11	-28	2,126	-33	35	1,797
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Chile

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	3,810	-1,969	306,713	460	-595	268,642
Cross-border positions	956	-1,403	17,256	-1,821	-1,945	25,766
Of which: local currency	...	...	...	...	...	...
Local positions	2,855	-566	289,456	2,282	1,351	242,876
Of which: local currency	4,283	1,140	252,660	2,055	1,364	213,463
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	956	-1,403	17,256	-1,821	-1,945	25,766
By sector of counterparty						
Banks	2,533	-602	12,930	-1,434	780	21,464
Of which: intragroup	...	...	...	...	...	...
Non-banks	-66	-399	963	1,530	-2,408	1,782
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	-1,511	-402	3,363	-1,917	-318	2,521
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	956	-1,403	17,256	-1,821	-1,945	25,766
Of which: US dollar	1,191	-1,079	16,215	-1,548	-1,514	20,771
Of which: euro	-57	-132	442	-117	2	523
Of which: yen	15	-57	109	16	140	1,691
Of which: pound sterling	44	-61	272	-23	-14	18
Of which: Swiss franc	-26	-32	72	-25	-138	2,494
Of which: other currencies	-210	-42	146	-125	-421	270
By instrument						
Of which: loans and deposits	1,445	-1,305	9,298	-1,321	-1,473	12,396
Of which: debt securities	-23	346	1,803	152	-613	8,411
Local positions in foreign currencies	-1,429	-1,706	36,797	227	-13	29,413
By sector of counterparty						
Banks	-692	-450	6,515	-574	-199	2,079
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,517	-689	25,538	1,091	-638	20,771
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	780	-567	4,743	-289	824	6,563
By currency						
Of which: US dollar	-1,429	-1,706	36,797	227	-13	29,413
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-2,136	-686	29,411	549	-866	21,838
Of which: debt securities	-306	-121	1,058	68	320	2,327
Local positions in local currency	4,283	1,140	252,660	2,055	1,364	213,463
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in China

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	32,375	50,163	827,606	26,268	63,222	979,649
Cross-border positions	32,375	50,163	827,606	26,268	63,222	979,649
Of which: local currency	6,337	12,164	84,926	-11,952	-4,780	351,783
Local positions	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	32,375	50,163	827,606	26,268	63,222	979,649
By sector of counterparty						
Banks	\\	\\	\\	\\	\\	\\
Of which: intragroup	\\	\\	\\	\\	\\	\\
Non-banks	\\	\\	\\	\\	\\	\\
Of which: non-bank financial	\\	\\	\\	\\	\\	\\
Of which: non-financial	\\	\\	\\	\\	\\	\\
Unallocated	...	...	...	...	...	...
By currency						
Local currency	6,337	12,164	84,926	-11,952	-4,780	351,783
Foreign currencies	26,038	37,999	742,680	38,220	68,003	627,866
Of which: US dollar	10,476	33,751	582,264	26,361	24,490	298,513
Of which: euro	4,662	-380	27,331	453	6,052	39,159
Of which: yen	603	-3,771	8,199	2,271	-3,074	16,348
Of which: pound sterling	-520	2,100	7,592	120	82	1,525
Of which: Swiss franc	124	95	822	652	283	1,174
Of which: other currencies	10,693	6,204	116,472	8,363	40,169	271,147
By instrument						
Of which: loans and deposits	18,398	40,166	633,000	23,971	14,902	507,711
Of which: debt securities	5,927	7,532	81,765	815	4,718	117,458
Local positions in foreign currencies	...	...	...	...	...	...
By sector of counterparty						
Banks	...	...	...	...	...	...
Of which: intragroup	...	...	...	...	...	...
Non-banks	...	...	...	...	...	...
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Chinese Taipei

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	45,357	738	1,742,465	30,230	17,530	1,733,839
Cross-border positions						
Of which: local currency	9,369	6,047	376,993	5,924	23,604	210,185
Local positions						
Of which: local currency	-698	-1,242	9,782	-559	14,375	30,560
Unallocated						
Of which: local currency	36,013	-5,331	1,365,358	24,275	-6,129	1,522,840
	27,123	-1,636	1,207,655	18,310	-10,245	1,159,665
	-25	22	114	30	56	814
	0	-12	77	-5	-2	244
Cross-border positions	9,369	6,047	376,993	5,924	23,604	210,185
By sector of counterparty						
Banks	6,930	2,719	201,947	3,997	5,043	108,317
Of which: intragroup	3,780	1,015	96,757	2,792	4,060	61,047
Non-banks	5,426	1,605	169,134	2,024	18,773	100,241
Of which: non-bank financial	356	1,615	80,429	452	12,308	28,350
Of which: non-financial	5,070	-10	88,704	1,571	6,464	71,891
Unallocated	-2,987	1,723	5,912	-97	-211	1,627
By currency						
Local currency	-698	-1,242	9,782	-559	14,375	30,560
Foreign currencies	10,067	7,290	367,211	6,483	9,229	179,625
Of which: US dollar	10,272	8,439	261,981	4,612	7,429	140,426
Of which: euro	1,534	72	11,152	1,558	-614	5,883
Of which: yen	2,007	200	15,526	1,226	1,140	8,072
Of which: pound sterling	418	3	1,743	166	341	1,258
Of which: Swiss franc	12	-7	141	-25	86	144
Of which: other currencies	-4,176	-1,418	76,666	-1,054	847	23,842
By instrument						
Of which: loans and deposits	7,852	-324	202,624	6,556	10,376	154,187
Of which: debt securities	4,073	6,825	63,777	6	-15	283
Local positions in foreign currencies	8,889	-3,695	157,703	5,965	4,115	363,175
By sector of counterparty						
Banks	8,561	-12,258	58,185	-1,288	6,688	110,372
Of which: intragroup	-331	-614	6,471	-832	18,282	24,576
Non-banks	7,321	-3,838	79,029	10,163	-257	233,522
Of which: non-bank financial	3,505	-1,706	40,444	2,494	-1,245	17,068
Of which: non-financial	3,816	-2,132	38,584	7,669	987	216,454
Unallocated	-6,993	12,400	20,489	-2,909	-2,315	19,281
By currency						
Of which: US dollar	8,952	-447	125,246	6,536	6,980	260,768
Of which: euro	-187	75	2,537	174	105	6,156
By instrument						
Of which: loans and deposits	-180	1,133	83,005	245	7,752	311,370
Of which: debt securities	662	-636	4,267	627	-1,837	9,483
Local positions in local currency	27,123	-1,636	1,207,655	18,310	-10,245	1,159,665
Unallocated by type of position	-25	22	114	30	56	814
By currency						
Of which: local currency	0	-12	77	-5	-2	244
Of which: US dollar	0	10	11	28	46	392
Of which: euro	-1	0	2	-1	1	9
By instrument						
Of which: loans and deposits	0	-12	76	22	59	759
Of which: debt securities	-24	34	34	...	...	...

Banks located in Curacao

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-4,505	-7	17,577	-4,286	-29	17,151
Cross-border positions						
Of which: local currency	-4,312	-7	17,191	-4,268	-28	16,203
Local positions						
Of which: local currency	-192	0	386	-17	-2	948
Unallocated						
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-4,312	-7	17,191	-4,268	-28	16,203
By sector of counterparty						
Banks	-2,020	-4	9,566	-1,929	-17	10,084
Of which: intragroup	...	...	...	...	...	...
Non-banks	-2,293	-3	7,625	-2,339	-11	6,119
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-4,312	-7	17,191	-4,268	-28	16,203
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-4,312	-7	17,191	-4,268	-28	16,203
Of which: debt securities	...	...	...	...	...	...
Local positions in foreign currencies	-192	0	386	-17	-2	948
By sector of counterparty						
Banks	10	0	135	-51	0	210
Of which: intragroup	...	...	...	...	...	...
Non-banks	-203	0	251	34	-1	738
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-192	0	386	-17	-2	948
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Cyprus

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-2,633	950	94,071	-2,232	1,142	71,659
Cross-border positions						
Of which: local currency	-3,900	34	22,026	-2,383	416	23,589
Local positions						
Of which: local currency	-208	90	7,651	329	-206	9,061
Unallocated						
Of which: local currency	1,221	952	71,659	152	727	48,068
	2,010	-51	65,055	302	245	43,011
	46	-35	387	-1	0	1
	44	-35	360	-1	0	1
Cross-border positions	-3,900	34	22,026	-2,383	416	23,589
By sector of counterparty						
Banks	-1,327	254	8,561	-2,462	342	9,382
Of which: intragroup	35	185	4,536	-1,883	-116	6,443
Non-banks	-2,572	-220	13,465	105	105	14,099
Of which: non-bank financial	26	-81	6,216	-115	-87	3,455
Of which: non-financial	-2,598	-139	7,249	219	192	10,644
Unallocated	0	\	\	-25	-30	108
By currency						
Local currency	-208	90	7,651	329	-206	9,061
Foreign currencies	-3,691	-56	14,375	-2,712	622	14,528
Of which: US dollar	-3,914	-1	11,460	-2,467	350	12,908
Of which: euro	...	...	...	...	...	...
Of which: yen	4	0	81	5	-3	38
Of which: pound sterling	101	7	663	13	-2	406
Of which: Swiss franc	-9	-41	1,066	-14	-25	187
Of which: other currencies	126	-21	1,105	-249	302	989
By instrument						
Of which: loans and deposits	-3,473	164	18,448	-2,312	465	23,341
Of which: debt securities	-398	-110	3,240	-25	-30	108
Local positions in foreign currencies	-789	1,002	6,603	-150	481	5,058
By sector of counterparty						
Banks	0	10	51	1	9	57
Of which: intragroup	1	0	40	0	0	40
Non-banks	-789	993	6,552	175	475	4,931
Of which: non-bank financial	-648	888	4,128	156	310	2,309
Of which: non-financial	-141	105	2,425	19	165	2,623
Unallocated	\	\	\	-327	-3	69
By currency						
Of which: US dollar	-176	343	3,988	-273	482	4,172
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-551	586	5,924	169	479	4,936
Of which: debt securities	-224	397	525	-327	-2	69
Local positions in local currency	2,010	-51	65,055	302	245	43,011
Unallocated by type of position	46	-35	387	-1	0	1
By currency						
Of which: local currency	44	-35	360	-1	0	1
Of which: US dollar	1	1	15	0	0	0
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	46	-35	387	0	0	1
Of which: debt securities	0	\	\	\	\	\

Banks located in Denmark

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	15,804	23,336	1,149,381	15,045	23,099	1,075,718
Cross-border positions						
Of which: local currency	2,970	-646	239,382	-6,907	-362	191,335
Local positions						
Of which: local currency	-3,886	-5,474	21,606	-6,358	-5,313	33,371
Unallocated						
Of which: local currency	13,799	24,167	906,130	16,006	12,591	366,100
	-964	-184	836,121	10,007	12,525	324,567
	\	\	3,869	5,946	10,870	518,284
			\	3,001	13,014	411,932
Cross-border positions	2,970	-646	239,382	-6,907	-362	191,335
By sector of counterparty						
Banks	6,236	532	162,792	-9,739	-1,951	144,476
Of which: intragroup	9,903	6,557	94,274	\	\	\
Non-banks	-3,266	-1,178	76,590	2,832	1,590	46,855
Of which: non-bank financial	-559	1,163	38,371	2,563	1,791	32,537
Of which: non-financial	-2,707	-2,341	38,219	269	-201	14,319
Unallocated	\	\	\	\	\	\
By currency						
Local currency	-3,886	-5,474	21,606	-6,358	-5,313	33,371
Foreign currencies	5,673	10,332	174,375	-1,854	9,544	111,325
Of which: US dollar	635	-1,327	17,619	-559	1,469	29,693
Of which: euro	7,425	9,989	102,201	1,883	5,217	61,662
Of which: yen	-100	273	1,313	-50	420	1,159
Of which: pound sterling	-589	1,730	10,051	350	2,224	8,851
Of which: Swiss franc	323	-523	1,721	-44	-126	1,215
Of which: other currencies	-2,022	191	41,470	-3,435	341	8,746
By instrument						
Of which: loans and deposits	3,622	8,080	155,418	-9,357	4,663	137,770
Of which: debt securities	-2,577	-3,577	22,967	...	...	...
Local positions in foreign currencies	-789	-1,558	44,094	2,299	-210	18,573
By sector of counterparty						
Banks	559	-16	11,174	1,613	-192	3,512
Of which: intragroup	472	-338	2,684	\	\	\
Non-banks	-1,347	-1,542	32,920	686	-18	15,061
Of which: non-bank financial	-98	-575	4,768	505	173	7,463
Of which: non-financial	-1,249	-968	28,153	181	-191	7,598
Unallocated	\	0	0	\	0	0
By currency						
Of which: US dollar	151	-313	3,749	125	-187	5,517
Of which: euro	-1,352	-675	37,266	1,374	726	10,194
By instrument						
Of which: loans and deposits	-387	-1,204	34,907	2,095	-256	17,618
Of which: debt securities	-571	-346	8,386	...	...	...
Local positions in local currency	9,146	25,706	836,121	10,007	12,525	324,567
Unallocated by type of position	-964	-184	3,869	5,946	10,870	518,284
By currency						
Of which: local currency	\	\	\	3,001	13,014	411,932
Of which: US dollar	4	-5	16	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	0	0	0	\	\
Of which: debt securities	0	\	\	5,276	11,284	498,891

Banks located in Finland

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-5,189	-5,905	658,643	-6,197	-5,718	630,626
Cross-border positions	-12,418	-24,229	255,931	-6,821	-5,265	390,931
Of which: local currency	-7,602	-19,302	140,579	-3,738	1,845	246,374
Local positions	7,877	19,876	400,966	1,067	1,656	236,812
Of which: local currency	7,747	20,009	396,660	2,760	1,675	228,018
Unallocated	-648	-1,553	1,746	-443	-2,109	2,884
Of which: local currency	134	-1,350	234	166	-1,466	215
Cross-border positions	-12,418	-24,229	255,931	-6,821	-5,265	390,931
By sector of counterparty						
Banks	-13,100	-10,780	157,525	1,969	-2,199	219,812
Of which: intragroup	-2,957	-7,063	43,632	2,804	9,815	123,195
Non-banks	-140	-13,170	95,708	-9,964	197	68,031
Of which: non-bank financial	2,414	-11,004	56,933	-5,315	-1,227	51,967
Of which: non-financial	-2,554	-2,166	38,775	-4,648	1,423	16,064
Unallocated	\	\	\	1,174	-3,262	103,088
By currency						
Local currency	-7,602	-19,302	140,579	-3,738	1,845	246,374
Foreign currencies	-4,815	-4,929	115,319	-3,093	-7,189	143,158
Of which: US dollar	4,764	-6,960	28,507	-2,851	-4,057	59,147
Of which: euro	...	...	...	...	...	...
Of which: yen	952	-599	1,067	341	-556	6,346
Of which: pound sterling	68	1,041	3,177	1,757	-1,570	11,941
Of which: Swiss franc	-844	200	1,173	447	-651	3,639
Of which: other currencies	\	\	\	-2,786	-356	62,085
By instrument						
Of which: loans and deposits	-5,623	-17,306	81,119	-1,134	3,674	180,836
Of which: debt securities	-3,023	-282	57,691	-587	-918	92,071
Local positions in foreign currencies	130	-133	4,306	-1,708	-5	8,776
By sector of counterparty						
Banks	119	42	794	31	36	831
Of which: intragroup	159	20	707	157	13	727
Non-banks	345	-405	3,234	-848	-35	5,028
Of which: non-bank financial	-8	-55	218	-386	-64	1,362
Of which: non-financial	354	-350	3,016	-463	29	3,666
Unallocated	-334	\	\	-891	-5	2,917
By currency						
Of which: US dollar	391	-263	1,716	-122	-270	5,376
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-3	-48	3,189	-369	9	5,090
Of which: debt securities	16	-75	81	29	-66	2,680
Local positions in local currency	7,747	20,009	396,660	2,760	1,675	228,018
Unallocated by type of position	-648	-1,553	1,746	-443	-2,109	2,884
By currency						
Of which: local currency	134	-1,350	234	166	-1,466	215
Of which: US dollar	\	\	\	20	-21	5
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-5	-2	225	0	\	\
Of which: debt securities	\	\	\	0	\	\

Banks located in France

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	110,045	18,512	7,458,256	118,152	-34,685	7,152,734
Cross-border positions	9,022	95,447	2,332,512	83,996	79,855	2,367,716
Of which: local currency	-56,699	33,499	1,259,483	14,681	23,789	1,366,989
Local positions	102,080	-76,934	5,125,744	34,155	-114,541	4,785,017
Of which: local currency	77,567	-80,702	4,912,314	12,581	-116,198	4,573,109
Unallocated	-1,057	\	\	1	0	1
Of which: local currency	-1,057	\	\	1	0	1
Cross-border positions	9,022	95,447	2,332,512	83,996	79,855	2,367,716
By sector of counterparty						
Banks	24,159	-595	1,204,008	40,754	-9,786	891,853
Of which: intragroup	53,222	-6,727	764,300	20,093	14,492	567,035
Non-banks	-22,219	71,952	1,026,611	40,176	79,436	709,977
Of which: non-bank financial	3,271	75,509	560,106	38,883	80,677	516,204
Of which: non-financial	-25,490	-3,556	466,506	1,294	-1,242	193,773
Unallocated	7,082	24,089	101,893	3,066	10,205	765,886
By currency						
Local currency	-56,699	33,499	1,259,483	14,681	23,789	1,366,989
Foreign currencies	65,721	61,947	1,073,028	69,315	56,066	1,000,727
Of which: US dollar	54,519	16,622	605,958	70,759	23,949	678,104
Of which: euro	...	...	...	...	...	...
Of which: yen	-329	23,357	183,248	-1,432	12,374	114,724
Of which: pound sterling	9,140	11,604	121,909	-2,983	15,101	117,990
Of which: Swiss franc	-812	10,445	46,166	-754	-1,127	24,593
Of which: other currencies	3,203	-82	115,747	3,724	5,770	65,316
By instrument						
Of which: loans and deposits	46,862	65,975	1,457,865	80,649	69,633	1,568,977
Of which: debt securities	-15,891	-2,593	546,286	6,994	4,712	677,212
Local positions in foreign currencies	24,513	3,769	213,431	21,574	1,657	211,908
By sector of counterparty						
Banks	17,018	640	130,198	26,244	-3,896	145,650
Of which: intragroup	11,004	2,922	109,779	19,744	1,165	121,409
Non-banks	7,494	3,130	83,233	-4,664	5,532	66,237
Of which: non-bank financial	1,424	5,459	27,719	-2,974	1,052	32,287
Of which: non-financial	6,070	-2,329	55,514	-1,689	4,481	33,950
Unallocated	1	\	\	-5	20	21
By currency						
Of which: US dollar	27,675	6,432	135,258	22,726	8,798	149,933
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	23,687	5,102	194,522	21,618	1,799	194,667
Of which: debt securities	780	-1,537	17,911	-304	-101	16,007
Local positions in local currency	77,567	-80,702	4,912,314	12,581	-116,198	4,573,109
Unallocated by type of position	-1,057	\	\	1	0	1
By currency						
Of which: local currency	-1,057	\	\	1	0	1
Of which: US dollar	\	\	\	\	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	\	1	1
Of which: debt securities	\	\	\	-2	\	...

Banks located in Germany

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	86,938	23,293	7,719,587	93,940	13,036	7,142,987
Cross-border positions						
Of which: local currency	31,809	-49,758	2,108,967	88,393	-57	1,699,144
Local positions						
Of which: local currency	25,763	-62,831	1,466,104	83,900	-37,856	971,392
Unallocated						
Of which: local currency	55,129	73,051	5,610,620	5,547	13,093	5,443,843
	66,319	69,524	5,486,672	6,088	10,403	5,306,615
...
...
Cross-border positions	31,809	-49,758	2,108,967	88,393	-57	1,699,144
By sector of counterparty						
Banks	32,038	-55,130	1,268,179	58,326	2,615	765,613
Of which: intragroup	37,532	-36,735	692,332	64,452	9,553	512,465
Non-banks	-236	5,369	840,720	17,852	-1,884	259,431
Of which: non-bank financial	1,723	2,385	233,888	21,559	1,559	158,551
Of which: non-financial	-1,964	2,982	606,797	-3,709	-3,437	100,850
Unallocated	7	3	68	12,216	-788	674,100
By currency						
Local currency	25,763	-62,831	1,466,104	83,900	-37,856	971,392
Foreign currencies	6,043	13,066	642,792	4,491	37,789	727,662
Of which: US dollar	10,420	13,447	481,885	13,180	24,808	539,800
Of which: euro	...	...	...	...	...	...
Of which: yen	-9,994	-1,489	12,723	-4,697	-699	13,531
Of which: pound sterling	3,580	2,691	65,731	-400	8,629	72,561
Of which: Swiss franc	2,019	-2,020	47,269	-1,994	1,499	25,663
Of which: other currencies	18	438	35,184	-1,598	3,551	76,107
By instrument						
Of which: loans and deposits	38,596	-33,360	1,408,970	76,307	896	1,017,242
Of which: debt securities	-7,730	-15,674	569,956	12,210	-782	674,020
Local positions in foreign currencies	-11,189	3,527	123,947	-544	2,693	137,228
By sector of counterparty						
Banks	-5,183	4,579	72,319	-1,975	2,361	42,910
Of which: intragroup	...	...	...	...	...	...
Non-banks	-6,006	-1,052	51,627	647	722	63,002
Of which: non-bank financial	-97	220	10,865	398	-1,059	17,387
Of which: non-financial	-5,910	-1,271	40,762	250	1,781	45,615
Unallocated	\	1	1	784	-389	31,316
By currency						
Of which: US dollar	-9,091	2,778	80,450	-938	2,974	93,557
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-10,711	3,097	93,776	-1,327	3,082	105,913
Of which: debt securities	-505	310	21,182	784	-389	31,316
Local positions in local currency	66,319	69,524	5,486,672	6,088	10,403	5,306,615
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Greece

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-12,053	-5,832	345,229	-10,038	-8,265	268,191
Cross-border positions	-10,769	-2,189	90,796	5,522	2,608	32,490
Of which: local currency	-7,282	-2,164	83,194	5,756	3,238	31,007
Local positions	-1,248	-3,585	252,516	-15,416	-10,873	234,241
Of which: local currency	-682	-2,654	234,432	-15,710	-10,646	227,214
Unallocated	-36	-58	1,917	-144	1	1,460
Of which: local currency	3	-24	732	-111	-6	970
Cross-border positions	-10,769	-2,189	90,796	5,522	2,608	32,490
By sector of counterparty						
Banks	-4,917	-4,113	22,433	4,513	3,235	25,337
Of which: intragroup	...	...	...	...	...	...
Non-banks	-5,852	1,924	68,363	1,008	823	7,153
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	1	\	...
By currency						
Local currency	-7,282	-2,164	83,194	5,756	3,238	31,007
Foreign currencies	-3,487	-25	7,602	-234	-630	1,483
Of which: US dollar	-759	-10	2,668	-149	-614	1,155
Of which: euro	...	...	...	...	...	...
Of which: yen	-1	-5	50	0	0	2
Of which: pound sterling	-65	35	1,022	-66	3	90
Of which: Swiss franc	-58	-68	1,845	7	-18	80
Of which: other currencies	-2,605	23	2,017	-27	-1	156
By instrument						
Of which: loans and deposits	-1,269	-4,200	24,753	5,521	2,614	31,047
Of which: debt securities	-6,901	1,914	61,166	...	...	...
Local positions in foreign currencies	-566	-931	18,084	293	-227	7,027
By sector of counterparty						
Banks	1	1	13	-45	1	13
Of which: intragroup	...	...	...	...	...	...
Non-banks	-567	-932	18,071	338	-228	7,014
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-472	-867	7,902	314	-238	5,619
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-566	-931	18,084	293	-227	7,027
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	-682	-2,654	234,432	-15,710	-10,646	227,214
Unallocated by type of position	-36	-58	1,917	-144	1	1,460
By currency						
Of which: local currency	3	-24	732	-111	-6	970
Of which: US dollar	-21	-13	74	-7	1	135
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-21	-65	1,019	-144	1	1,460
Of which: debt securities	2	1	6	...	...	...

Banks located in Guernsey

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	1,951	472	148,787	1,668	667	145,626
Cross-border positions						
Of which: local currency	1,842	1,004	142,103	1,572	-321	89,860
Local positions						
Of which: local currency	2,216	-382	28,965	1,225	-424	17,282
Unallocated						
Of which: local currency	83	-479	6,543	1,082	2,889	42,455
	25	-53	5,024	-213	125	13,687
	5	6	140	-987	-1,901	13,311
			76	-43	40	368
Cross-border positions	1,842	1,004	142,103	1,572	-321	89,860
By sector of counterparty						
Banks	3,286	6,069	100,648	394	-94	54,283
Of which: intragroup	2,131	4,084	81,463	123	-10	53,874
Non-banks	-1,443	-5,061	41,454	1,331	-94	34,616
Of which: non-bank financial	-884	-5,326	27,463	515	185	8,233
Of which: non-financial	-559	265	13,992	816	-279	26,383
Unallocated	-1	-5	1	-153	-133	961
By currency						
Local currency	2,216	-382	28,965	1,225	-424	17,282
Foreign currencies	-374	1,386	113,138	347	104	72,578
Of which: US dollar	651	872	84,534	447	481	60,388
Of which: euro	-1,264	815	17,327	-63	-266	4,417
Of which: yen	-133	107	361	-48	12	103
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	172	-167	7,727	91	63	4,437
Of which: other currencies	201	-240	3,190	-80	-185	3,233
By instrument						
Of which: loans and deposits	1,755	-1,187	114,083	1,552	-558	80,630
Of which: debt securities	23	2,103	16,026	-69	66	8,573
Local positions in foreign currencies	209	-577	1,519	1,295	2,764	28,768
By sector of counterparty						
Banks	57	37	706	-46	166	2,986
Of which: intragroup	-8	101	607	-46	148	2,636
Non-banks	-10	-496	714	1,424	2,602	25,401
Of which: non-bank financial	-41	-395	468	1,313	2,482	15,036
Of which: non-financial	31	-101	247	111	120	10,365
Unallocated	162	-118	99	-83	-3	381
By currency						
Of which: US dollar	187	-109	1,265	1,761	1,372	19,485
Of which: euro	0	-242	171	-632	1,375	5,950
By instrument						
Of which: loans and deposits	-5	-396	1,358	-345	1,673	18,834
Of which: debt securities	7	-11	15	1,735	1,075	7,207
Local positions in local currency	-126	98	5,024	-213	125	13,687
Unallocated by type of position	25	-53	140	-987	-1,901	13,311
By currency						
Of which: local currency	5	6	76	-43	40	368
Of which: US dollar	48	-55	30	-961	-2,087	3,041
Of which: euro	-21	-5	34	20	121	8,954
By instrument						
Of which: loans and deposits	5	-7	54	11	-86	175
Of which: debt securities	6	7	15	-1,062	-1,796	12,691

Banks located in Hong Kong SAR

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	79,426	28,730	2,547,169	83,099	40,801	2,575,418
Cross-border positions	11,810	52,946	1,327,974	38,913	18,017	1,064,451
Of which: local currency	9,414	4,905	107,146	16,131	9,965	209,704
Local positions	67,514	-24,304	1,218,274	44,171	22,933	1,510,505
Of which: local currency	32,745	-12,679	791,616	33,796	10,660	842,328
Unallocated	102	89	921	14	-149	462
Of which: local currency	56	155	363	-17	-6	56
Cross-border positions	11,810	52,946	1,327,974	38,913	18,017	1,064,451
By sector of counterparty						
Banks	16,852	22,900	831,168	21,648	-13,626	622,105
Of which: intragroup	-19,738	32,188	453,023	23,419	-3,383	430,292
Non-banks	-5,042	30,045	496,807	17,265	31,643	442,346
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	0	\	\	\	\	\
By currency						
Local currency	9,414	4,905	107,146	16,131	9,965	209,704
Foreign currencies	2,395	48,041	1,220,828	22,783	8,052	854,747
Of which: US dollar	13,220	36,041	751,457	19,102	8,179	639,266
Of which: euro	-243	3,703	68,340	4,675	119	37,852
Of which: yen	-7,430	15,101	141,398	-2,056	-1,987	47,884
Of which: pound sterling	-743	3,720	20,576	1,200	-897	8,495
Of which: Swiss franc	182	-384	4,370	-72	-316	2,841
Of which: other currencies	-2,592	-10,140	234,688	-66	2,954	118,409
By instrument						
Of which: loans and deposits	-6,922	32,473	812,642	16,270	28,285	837,305
Of which: debt securities	9,372	31,798	374,558	4,377	-397	15,896
Local positions in foreign currencies	34,769	-11,625	426,657	10,375	12,272	668,177
By sector of counterparty						
Banks	20,714	-15,943	122,564	15,584	-12,999	182,877
Of which: intragroup	10,602	-9,455	34,987	15,089	-12,767	43,238
Non-banks	14,055	4,318	304,094	-5,209	25,271	485,300
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	0	\	\	0	\	\
By currency						
Of which: US dollar	30,137	-8,320	327,197	17,188	23,002	455,132
Of which: euro	2,234	-861	24,052	465	3,966	22,770
By instrument						
Of which: loans and deposits	29,240	-8,676	346,435	14,625	9,578	533,541
Of which: debt securities	980	3,693	49,539	-7,770	5,216	93,222
Local positions in local currency	32,745	-12,679	791,616	33,796	10,660	842,328
Unallocated by type of position	102	89	921	14	-149	462
By currency						
Of which: local currency	56	155	363	-17	-6	56
Of which: US dollar	-18	-103	396	13	-135	363
Of which: euro	6	-1	7	12	-22	6
By instrument						
Of which: loans and deposits	-39	-48	416	-33	-104	315
Of which: debt securities	\	\	\	\	\	\

Banks located in India

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	6,368	51,088	1,829,493	-9,495	67,051	1,833,484
Cross-border positions	-28,122	9,937	49,703	-10,412	10,225	164,689
Of which: local currency	\	\	\	\	\	\
Local positions	22,526	41,542	1,761,023	3,544	57,248	1,663,433
Of which: local currency	\	\	\	\	\	\
Unallocated	\	\	\	\	\	\
Of which: local currency	\	\	\	\	\	\
Cross-border positions	-28,122	9,937	49,703	-10,412	10,225	164,689
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	-19,427	2,231	19,842	-6,150	8,276	134,544
Of which: non-bank financial	-255	-42	23	5,815	633	8,572
Of which: non-financial	-19,172	2,272	19,819	-11,965	7,643	125,972
Unallocated	\	\	\	\	\	\
By currency						
Local currency	\	\	\	\	\	\
Foreign currencies	-27,970	9,588	46,159	-7,653	1,794	67,202
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-27,261	9,690	48,958	-12,502	9,852	130,603
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	-2,619	-2,184	20,664	-2,052	-604	9,056
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	-2,337	-2,125	18,575	-1,686	-483	5,987
Of which: non-bank financial	-258	-174	1,122	-20	13	112
Of which: non-financial	-2,079	-1,951	17,454	-1,665	-496	5,875
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	\	\	\	\	\	\
Unallocated by type of position	\	\	\	\	\	\
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	...	\	\	\	...	...

Banks located in Indonesia

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	17,397	4,627	477,685	14,508	3,965	425,923
Cross-border positions	5,097	-3,922	14,727	2,718	-2,244	35,723
Of which: local currency	2	-57	91	154	173	8,589
Local positions	12,469	8,521	462,517	11,797	6,134	389,243
Of which: local currency	10,927	9,363	385,722	12,271	4,966	333,405
Unallocated	-169	29	441	-7	76	957
Of which: local currency	-133	-9	254	-8	76	957
Cross-border positions	5,097	-3,922	14,727	2,718	-2,244	35,723
By sector of counterparty						
Banks	3,229	-2,161	14,192	1,390	-981	31,379
Of which: intragroup	\	\	\	\	\	\
Non-banks	1,869	-1,761	535	1,328	-1,263	4,344
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	2	-57	91	154	173	8,589
Foreign currencies	5,096	-3,864	14,637	2,563	-2,417	27,133
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	3,999	-2,887	10,913	2,054	-1,836	26,302
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	1,542	-843	76,795	-474	1,167	55,838
By sector of counterparty						
Banks	-3,456	2,363	21,000	772	-962	3,503
Of which: intragroup	...	...	...	...	...	...
Non-banks	4,997	-3,206	55,795	-1,246	2,129	52,335
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-1,506	313	59,008	-244	1,586	54,669
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	10,927	9,363	385,722	12,271	4,966	333,405
Unallocated by type of position	-169	29	441	-7	76	957
By currency						
Of which: local currency	-133	-9	254	-8	76	957
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-171	21	400	-16	5	81
Of which: debt securities	\	\	\	\	\	\

Banks located in Ireland

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-8,016	-2,122	625,483	-21,796	2,133	664,199
Cross-border positions						
Of which: local currency	-9,172	-4,902	305,245	-5,574	-424	275,546
Local positions						
Of which: local currency	-9,221	-1,545	155,077	-6,205	816	151,436
Unallocated						
Of which: local currency	1,157	2,779	320,238	-16,222	2,558	388,653
	1,604	2,312	298,104	-15,690	1,169	343,205
	0	0	0	\	\	\
	\	0	0	\	\	\
Cross-border positions	-9,172	-4,902	305,245	-5,574	-424	275,546
By sector of counterparty						
Banks	-11,065	-1,437	180,369	-5,977	1,207	136,145
Of which: intragroup	-14,435	-282	105,506	-498	-2,233	84,708
Non-banks	2,624	-3,391	124,342	2,886	1,061	69,705
Of which: non-bank financial	1,349	1,558	44,637	2,199	-904	51,793
Of which: non-financial	1,275	-4,949	79,705	687	1,965	17,912
Unallocated	-731	-74	534	-2,483	-2,692	69,697
By currency						
Local currency	-9,221	-1,545	155,077	-6,205	816	151,436
Foreign currencies	49	-3,357	150,168	631	-1,240	124,111
Of which: US dollar	1,951	-3,701	82,280	1,005	-946	71,338
Of which: euro	...	...	...	...	...	...
Of which: yen	-18	-2	7,591	81	-397	5,469
Of which: pound sterling	-1,681	-212	50,589	-399	-72	32,217
Of which: Swiss franc	15	-75	1,942	-56	113	2,022
Of which: other currencies	-219	633	7,765	0	62	13,065
By instrument						
Of which: loans and deposits	-11,686	1,023	182,012	-5,587	2,705	175,854
Of which: debt securities	-395	-6,417	87,099	48	-1,696	44,796
Local positions in foreign currencies	-448	468	22,134	-532	1,388	45,448
By sector of counterparty						
Banks	-849	-261	4,827	-964	-54	3,711
Of which: intragroup	-843	-74	4,210	-1,098	-17	3,381
Non-banks	402	729	17,307	194	1,140	20,820
Of which: non-bank financial	637	1,049	11,632	1,442	317	10,469
Of which: non-financial	-235	-320	5,675	-1,249	823	10,351
Unallocated	\	\	\	239	302	20,917
By currency						
Of which: US dollar	-711	691	14,326	-622	652	35,313
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-1,657	994	16,707	-1,340	976	20,415
Of which: debt securities	-26	-46	1,037	-5	-55	14
Local positions in local currency	1,604	2,312	298,104	-15,690	1,169	343,205
Unallocated by type of position	0	0	0	\	\	\
By currency						
Of which: local currency	\	0	0	\	\	\
Of which: US dollar	\	\	\	0	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	0	\	\	\	\	\

Banks located in Isle of Man

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	241	2,860	63,946	225	2,850	63,946
Cross-border positions	-330	2,332	54,057	212	2,085	42,613
Of which: local currency	-257	1,528	32,156	138	1,296	23,730
Local positions	568	517	9,823	10	821	21,153
Of which: local currency	255	279	7,432	-133	527	15,552
Unallocated	2	12	66	3	-57	180
Of which: local currency	3	7	50	-8	0	124
Cross-border positions	-330	2,332	54,057	212	2,085	42,613
By sector of counterparty						
Banks	-292	2,164	48,185	228	1,190	13,727
Of which: intragroup	-1,092	1,957	41,003	-209	1,158	10,958
Non-banks	-40	169	5,854	7	940	28,850
Of which: non-bank financial	-6	24	181	-79	79	4,104
Of which: non-financial	-34	145	5,673	86	861	24,746
Unallocated	2	0	19	-24	-44	36
By currency						
Local currency	-257	1,528	32,156	138	1,296	23,730
Foreign currencies	-73	805	21,901	74	789	18,883
Of which: US dollar	120	907	16,620	99	704	14,114
Of which: euro	-179	-26	4,625	-36	105	3,818
Of which: yen	38	-1	151	27	-8	140
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-9	4	91	-18	-9	239
Of which: other currencies	-43	-80	414	2	-4	571
By instrument						
Of which: loans and deposits	-300	2,200	52,050	191	2,079	41,000
Of which: debt securities	-9	132	1,862	...	...	...
Local positions in foreign currencies	313	238	2,391	143	295	5,601
By sector of counterparty						
Banks	94	225	1,365	81	229	1,351
Of which: intragroup	99	216	1,301	64	229	1,304
Non-banks	218	14	1,024	50	76	4,237
Of which: non-bank financial	327	-28	975	279	-36	1,408
Of which: non-financial	-109	42	50	-229	112	2,829
Unallocated	1	-1	2	12	-10	13
By currency						
Of which: US dollar	210	42	1,640	86	355	3,790
Of which: euro	139	122	628	110	-73	1,362
By instrument						
Of which: loans and deposits	430	190	2,334	132	301	5,582
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	255	279	7,432	-133	527	15,552
Unallocated by type of position	2	12	66	3	-57	180
By currency						
Of which: local currency	3	7	50	-8	0	124
Of which: US dollar	-3	6	14	-4	1	24
Of which: euro	2	-1	1	10	-52	28
By instrument						
Of which: loans and deposits	0	0	0	10	-48	110
Of which: debt securities	9	6	38	...	...	...

Banks located in Italy

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	20,884	-65,151	4,229,687	21,190	-65,216	4,230,147
Cross-border positions						
Of which: local currency	8,771	-29,042	458,573	754	-24,145	469,722
Local positions	5,204	-28,125	375,030	-785	-21,395	422,600
Of which: local currency	\	\	\	\	\	\
Unallocated	1,455	567	21,890	-499	-4,657	94,471
Of which: local currency	1,229	531	20,740	-461	-4,551	83,027
Cross-border positions	8,771	-29,042	458,573	754	-24,145	469,722
By sector of counterparty						
Banks	3,729	-23,353	294,378	-3,305	-22,599	348,486
Of which: intragroup	-1,907	-15,198	53,191	5,012	-14,798	160,053
Non-banks	5,006	-5,678	163,710	3,893	-1,590	118,192
Of which: non-bank financial	934	2,393	78,752	3,569	1,159	108,147
Of which: non-financial	4,072	-8,071	84,958	324	-2,749	10,045
Unallocated	36	-10	485	166	44	3,044
By currency						
Local currency	5,204	-28,125	375,030	-785	-21,395	422,600
Foreign currencies	3,568	-917	83,543	1,538	-2,749	47,122
Of which: US dollar	3,726	-941	64,558	1,440	-1,766	36,641
Of which: euro	...	...	...	...	...	...
Of which: yen	-96	-224	1,268	300	-243	1,506
Of which: pound sterling	344	965	6,911	184	-255	4,923
Of which: Swiss franc	-31	-44	1,626	53	-234	1,775
Of which: other currencies	-376	-672	9,180	-439	-250	2,277
By instrument						
Of which: loans and deposits	6,709	-20,619	200,590	-522	-26,673	333,379
Of which: debt securities	3,344	-9,007	92,052	209	-5	2,744
Local positions in foreign currencies	\	\	\	\	\	\
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	\	\	\	\	\	\
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	\	\b	\	\	\	\
Unallocated by type of position	1,455	567	21,890	-499	-4,657	94,471
By currency						
Of which: local currency	1,229	531	20,740	-461	-4,551	83,027
Of which: US dollar	-10	-9	498	-105	-27	10,429
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-43	3	182	-58	0	1
Of which: debt securities	59	234	5,550	-473	-4,306	92,372

Banks located in Japan

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	140,051	220,746	24,050,375	102,945	110,864	23,318,842
Cross-border positions						
Of which: local currency	67,477	55,076	3,573,098	23,791	-26,193	1,361,508
Local positions						
Of which: local currency	-6,525	-16,398	893,018	-13,166	-6,461	332,056
Unallocated						
Of which: local currency	72,575	165,643	20,477,201	89,419	142,842	21,701,942
	-1	27	76	45,412	73,744	20,919,408
	0	0	1	-10,265	-5,785	255,391
				-9,891	-2,310	180,649
Cross-border positions	67,477	55,076	3,573,098	23,791	-26,193	1,361,508
By sector of counterparty						
Banks	75,736	-7,549	1,077,172	837	-14,976	1,111,019
Of which: intragroup	56,030	-18,394	525,015	-13,275	-10,068	646,763
Non-banks	-8,259	62,626	2,495,926	22,954	-11,217	250,489
Of which: non-bank financial	66,101	-4,375	862,528	31,987	-13,356	210,266
Of which: non-financial	-74,360	67,001	1,633,398	-9,034	2,139	40,223
Unallocated	\	\	\	\	0	0
By currency						
Local currency	-6,525	-16,398	893,018	-13,166	-6,461	332,056
Foreign currencies	74,001	71,475	2,680,080	36,957	-19,732	1,029,453
Of which: US dollar	43,408	62,189	1,954,567	21,094	-17,925	846,497
Of which: euro	3,410	277	363,200	5,787	-2,093	135,392
Of which: yen	...	...	...	...	...	...
Of which: pound sterling	6,257	491	75,297	3,256	-89	12,494
Of which: Swiss franc	-1,479	-171	19,853	-29	-5	126
Of which: other currencies	22,406	8,689	267,163	6,850	380	34,943
By instrument						
Of which: loans and deposits	31,764	-159	737,482	23,791	-26,193	1,361,508
Of which: debt securities	\	\	\	...	...	...
Local positions in foreign currencies	7,938	22,813	528,503	44,007	69,098	782,534
By sector of counterparty						
Banks	-1,678	19,228	322,184	23,251	42,585	391,707
Of which: intragroup	...	...	...	...	...	...
Non-banks	9,616	3,585	206,319	20,755	26,513	390,828
Of which: non-bank financial	1,881	999	39,057	-4,171	11,663	140,397
Of which: non-financial	7,735	2,586	167,262	24,927	14,849	250,430
Unallocated	\	0	0	\	...	...
By currency						
Of which: US dollar	1,148	18,402	465,753	29,719	60,524	665,295
Of which: euro	1,809	2,501	36,305	1,881	-2,314	56,929
By instrument						
Of which: loans and deposits	5	6,228	214,242	44,007	69,098	782,534
Of which: debt securities	\	\	\	...	...	...
Local positions in local currency	64,637	142,830	19,948,698	45,412	73,744	20,919,408
Unallocated by type of position	-1	27	76	-10,265	-5,785	255,391
By currency						
Of which: local currency	0	0	1	-9,891	-2,310	180,649
Of which: US dollar	-1	27	73	-638	-3,590	65,854
Of which: euro	0	0	0	-3	2	5,565
By instrument						
Of which: loans and deposits	...	...	...	\	\	\
Of which: debt securities	...	...	...	\	\	\

Banks located in Jersey

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-6,843	1,982	153,979	-8,388	1,447	135,763
Cross-border positions						
Of which: local currency	-5,584	1,256	151,167	-5,329	1,657	97,908
Local positions	55	-342	58,887	-887	-405	41,045
Of which: local currency	-1,254	726	2,771	-2,709	-754	16,720
Unallocated	... -5	0	41	-350	544	21,135
Of which: local currency	-8	0	34	265	354	1,856
Cross-border positions	-5,584	1,256	151,167	-5,329	1,657	97,908
By sector of counterparty						
Banks	-10,234	2,401	132,338	-4,560	-630	41,260
Of which: intragroup	-9,918	773	125,848	-4,882	1,136	33,347
Non-banks	4,650	-1,145	18,829	-769	2,287	56,648
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	55	-342	58,887	-887	-405	41,045
Foreign currencies	-5,637	1,597	92,280	-4,444	2,065	56,864
Of which: US dollar	-3,325	349	65,517	-3,342	542	43,200
Of which: euro	-2,204	1,402	19,464	-1,238	1,806	10,450
Of which: yen	13	-122	644	111	2	369
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-283	89	2,352	-51	-55	634
Of which: other currencies	162	-120	4,303	74	-230	2,211
By instrument						
Of which: loans and deposits	-6,130	-1	135,541	-5,007	1,119	95,903
Of which: debt securities	627	848	5,467	-379	439	1,001
Local positions in foreign currencies	-1,254	726	2,771	-2,709	-754	16,720
By sector of counterparty						
Banks	-1,739	246	455	-1,903	419	1,328
Of which: intragroup	...	...	...	...	...	...
Non-banks	486	480	2,316	-806	-1,173	15,392
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-1,208	197	772	-1,667	-588	9,573
Of which: euro	90	658	1,877	-941	-160	5,755
By instrument						
Of which: loans and deposits	-1,244	733	2,533	-2,060	-1,262	15,821
Of which: debt securities	7	2	9	0	0	3
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	-5	0	41	-350	544	21,135
By currency						
Of which: local currency	-8	0	34	265	354	1,856
Of which: US dollar	-3	-1	1	936	-269	12,280
Of which: euro	3	0	3	-411	423	4,356
By instrument						
Of which: loans and deposits	-1	\	\	1	-6	61
Of which: debt securities	\	-1	-1	-339	543	20,998

Banks located in South Korea

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	1,762	69,903	2,137,133	5,115	57,731	1,902,993
Cross-border positions	2,158	10,921	228,205	3,961	-388	236,734
Of which: local currency	-66	19	932	-244	198	4,898
Local positions	-402	59,019	1,907,521	1,161	57,798	1,664,513
Of which: local currency	9,117	57,940	1,772,450	8,961	41,735	1,514,448
Unallocated	6	-37	1,408	-7	320	1,746
Of which: local currency	\	\	\	\	\	\
Cross-border positions	2,158	10,921	228,205	3,961	-388	236,734
By sector of counterparty						
Banks	3,910	10,813	96,458	5,507	3,699	185,660
Of which: intragroup	952	6,660	38,442	4,573	1,840	75,102
Non-banks	122	-965	95,315	-653	340	18,389
Of which: non-bank financial	1,102	-729	10,103	-335	115	12,424
Of which: non-financial	-980	-237	85,212	-318	225	5,965
Unallocated	-1,874	1,073	36,432	-893	-4,426	32,685
By currency						
Local currency	-66	19	932	-244	198	4,898
Foreign currencies	4,098	9,829	190,841	5,098	3,841	199,151
Of which: US dollar	2,400	9,409	158,924	4,535	4,601	158,092
Of which: euro	-44	99	7,878	-1,049	-890	8,637
Of which: yen	-305	304	3,991	-317	-956	5,147
Of which: pound sterling	-38	132	681	-803	-121	1,094
Of which: Swiss franc	-9	6	70	-187	11	897
Of which: other currencies	2,093	-121	19,297	2,919	1,195	25,284
By instrument						
Of which: loans and deposits	-199	2,856	146,008	1,531	2,903	52,436
Of which: debt securities	2,802	981	11,284	-1,580	-568	82,976
Local positions in foreign currencies	-2,352	-2,538	83,513	357	5,968	93,527
By sector of counterparty						
Banks	-208	-918	27,712	1,350	-1,313	23,958
Of which: intragroup	674	-603	394	464	-441	307
Non-banks	-2,144	-1,620	55,801	-993	7,281	69,569
Of which: non-bank financial	-298	146	1,258	-2,081	-702	6,844
Of which: non-financial	-1,846	-1,766	54,543	1,087	7,983	62,725
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	-2,301	-2,974	71,811	2,775	5,828	80,987
Of which: euro	66	-171	3,587	-174	162	3,836
By instrument						
Of which: loans and deposits	-2,467	-2,865	74,480	-108	6,516	91,038
Of which: debt securities	115	334	8,992	27	-109	2,311
Local positions in local currency	9,117	57,940	1,772,450	8,961	41,735	1,514,448
Unallocated by type of position	6	-37	1,408	-7	320	1,746
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	-2	-28	1,370	-3	237	1,660
Of which: euro	6	-2	37	0	0	1
By instrument						
Of which: loans and deposits	-44	-22	137	34	10	65
Of which: debt securities	\	\	\	\	385	385

Banks located in Luxembourg

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	2,617	-30,822	831,016	1,661	-33,369	759,508
Cross-border positions	5,192	-44,453	604,057	-4,564	-27,239	409,202
Of which: local currency	-5,510	-39,750	336,231	-9,437	-23,447	223,182
Local positions	-2,532	13,655	226,653	341	-7,297	284,806
Of which: local currency	-2,429	17,146	193,433	1,588	-1,751	196,863
Unallocated	-43	-24	307	5,885	1,167	65,500
Of which: local currency	-43	-24	307	2,859	238	32,279
Cross-border positions	5,192	-44,453	604,057	-4,564	-27,239	409,202
By sector of counterparty						
Banks	2,297	-41,946	356,776	-2,109	-24,525	266,975
Of which: intragroup	-3,184	-38,344	215,116	-2,060	-23,041	186,961
Non-banks	1,910	-2,752	241,586	-2,679	-2,615	140,370
Of which: non-bank financial	-696	-2,386	58,777	-5,462	-1,172	73,871
Of which: non-financial	2,605	-366	182,809	2,783	-1,443	66,499
Unallocated	986	245	5,694	224	-98	1,857
By currency						
Local currency	-5,510	-39,750	336,231	-9,437	-23,447	223,182
Foreign currencies	10,933	-2,332	258,396	2,853	-1,912	165,871
Of which: US dollar	5,726	-3,937	174,633	-984	190	122,115
Of which: euro	...	...	...	...	...	...
Of which: yen	540	-1,161	8,573	302	-877	3,574
Of which: pound sterling	2,946	983	25,709	534	-123	14,827
Of which: Swiss franc	1,220	1,120	24,972	-616	44	5,135
Of which: other currencies	500	663	24,509	3,617	-1,146	20,219
By instrument						
Of which: loans and deposits	6,415	-37,763	442,077	-7,487	-23,655	392,656
Of which: debt securities	-2,104	-4,348	149,419	...	...	...
Local positions in foreign currencies	-1,589	-1,945	27,110	-207	-4,581	84,758
By sector of counterparty						
Banks	-3,229	-543	13,343	-2,928	-661	15,191
Of which: intragroup	-1,772	-227	9,985	-3,540	-799	9,565
Non-banks	386	396	10,165	1,760	-2,552	71,096
Of which: non-bank financial	367	-132	6,435	1,362	-1,974	66,507
Of which: non-financial	19	528	3,730	398	-579	4,589
Unallocated	1,253	-1,798	3,601	961	-1,368	-1,529
By currency						
Of which: US dollar	-543	-1,694	20,048	-757	-4,985	55,071
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-2,918	-72	21,141	-1,168	-3,213	86,287
Of which: debt securities	76	-75	2,367	...	...	...
Local positions in local currency	-2,429	17,146	193,433	1,588	-1,751	196,863
Unallocated by type of position	-43	-24	307	5,885	1,167	65,500
By currency						
Of which: local currency	-43	-24	307	2,859	238	32,279
Of which: US dollar	...	...	...	3,642	2,095	26,348
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	0	0	0	-3	-97	272
Of which: debt securities	-43	-24	307	5,888	1,264	65,228

Banks located in Macao SAR

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	5,857	-1,039	170,055	5,761	-1,011	171,155
Cross-border positions	4,281	-2,666	105,223	2,842	-5,261	68,756
Of which: local currency	173	-146	1,107	-762	-13	2,080
Local positions	1,576	1,611	64,815	2,378	4,395	100,631
Of which: local currency	425	950	25,945	293	2,152	35,869
Unallocated	0	17	17	541	-145	1,768
Of which: local currency	0	0	0	38	-34	201
Cross-border positions	4,281	-2,666	105,223	2,842	-5,261	68,756
By sector of counterparty						
Banks	2,878	-2,720	51,568	1,934	-3,582	35,177
Of which: intragroup	3,502	-4,012	37,432	860	-3,859	29,987
Non-banks	1,380	54	53,536	1,027	-1,869	32,840
Of which: non-bank financial	99	514	8,576	33	638	6,648
Of which: non-financial	1,282	-461	44,959	995	-2,507	26,192
Unallocated	22	0	119	-119	190	739
By currency						
Local currency	173	-146	1,107	-762	-13	2,080
Foreign currencies	4,108	-2,520	104,116	3,604	-5,249	66,676
Of which: US dollar	5,119	-516	56,912	1,557	462	36,878
Of which: euro	-631	1,505	5,512	374	-1,495	1,841
Of which: yen	-701	-17	156	-567	4	36
Of which: pound sterling	-1	43	304	-7	7	89
Of which: Swiss franc	0	-1	23	-18	-3	23
Of which: other currencies	323	-3,534	41,208	2,266	-4,222	27,810
By instrument						
Of which: loans and deposits	3,498	-4,341	91,481	2,961	-5,451	68,017
Of which: debt securities	708	1,759	13,155	-100	156	546
Local positions in foreign currencies	1,151	661	38,870	2,086	2,244	64,762
By sector of counterparty						
Banks	459	-131	1,314	477	-27	1,408
Of which: intragroup	515	-509	312	0	5	82
Non-banks	614	591	36,473	1,126	2,292	58,037
Of which: non-bank financial	-43	-68	95	11	158	897
Of which: non-financial	657	660	36,377	1,115	2,134	57,140
Unallocated	77	201	1,084	482	-21	5,317
By currency						
Of which: US dollar	353	256	3,048	537	2,023	13,976
Of which: euro	-102	53	388	-5	65	486
By instrument						
Of which: loans and deposits	1,073	460	37,782	1,604	2,265	59,445
Of which: debt securities	...	...	...	598	1	4,018
Local positions in local currency	425	950	25,945	293	2,152	35,869
Unallocated by type of position	0	17	17	541	-145	1,768
By currency						
Of which: local currency	0	0	0	38	-34	201
Of which: US dollar	0	0	0	275	73	849
Of which: euro	0	0	0	0	0	0
By instrument						
Of which: loans and deposits	0	17	17	541	-145	1,768
Of which: debt securities	\	...	...	\	\	\

Banks located in Malaysia

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	\	\	\	\	\	\
Cross-border positions	-2,033	-4,223	54,125	1,905	-2,171	92,540
Of which: local currency	\	\	\	\	\	\
Local positions	11,266	-342	425,209	3,006	-1,534	414,833
Of which: local currency	\	\	\	\	\	\
Unallocated	\	\	\	\	\	\
Of which: local currency	\	\	\	\	\	\
Cross-border positions	-2,033	-4,223	54,125	1,905	-2,171	92,540
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	4	-76	14,965	-8	979	23,217
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	\	\	\
By currency						
Local currency	\	\	\	\	\	\
Foreign currencies	-2,372	-3,870	48,625	2,506	-3,049	57,766
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-3,096	-3,636	32,917	1,079	-2,004	59,414
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	3,174	-2,868	38,926	-503	-1,398	44,995
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	175	4	5,445	-746	-2,782	27,044
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	\	\	\
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	3,240	-2,645	27,724	64	-1,569	36,703
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	\	\	\	\	\	\
Unallocated by type of position	\	\	\	\	\	\
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	...	...	\	\	\

Banks located in Mexico

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	12,238	-606	375,578	6,617	-11,182	317,946
Cross-border positions	-4,178	1,565	16,605	-667	-10,240	14,152
Of which: local currency	-50	160	828	102	-175	3,163
Local positions	20,927	-4,409	343,515	10,145	-765	289,561
Of which: local currency	19,199	-6,969	294,561	11,775	-2,353	251,953
Unallocated	-4,511	2,238	15,458	-2,861	-176	14,233
Of which: local currency	-2,646	1,720	11,529	-2,860	-176	14,224
Cross-border positions	-4,178	1,565	16,605	-667	-10,240	14,152
By sector of counterparty						
Banks	-4,947	2,201	10,213	260	-7,060	11,023
Of which: intragroup	...	...	...	...	...	...
Non-banks	769	-636	6,392	-927	-3,180	3,129
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	-50	160	828	102	-175	3,163
Foreign currencies	-4,128	1,405	15,776	-769	-10,065	10,989
Of which: US dollar	-4,169	1,252	12,708	-657	-10,052	10,217
Of which: euro	133	543	1,028	-2	0	72
Of which: yen	-54	-8	28	-113	-12	698
Of which: pound sterling	-11	-5	49	0	0	0
Of which: Swiss franc	1	11	15	1	1	2
Of which: other currencies	-28	-388	1,948	2	-2	0
By instrument						
Of which: loans and deposits	-4,957	2,683	13,304	-586	-2,636	10,223
Of which: debt securities	779	-1,117	3,301	-81	-7,604	3,929
Local positions in foreign currencies	1,728	2,560	48,954	-1,629	1,588	37,608
By sector of counterparty						
Banks	202	1,561	4,492	-376	2,119	6,121
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,527	999	44,462	-1,253	-531	31,487
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	2,910	1,999	43,692	-1,630	1,635	37,608
Of which: euro	142	78	2,011	1	-22	1
By instrument						
Of which: loans and deposits	1,219	2,419	42,301	-996	2,453	35,099
Of which: debt securities	497	141	6,058	-633	-865	2,510
Local positions in local currency	19,199	-6,969	294,561	11,775	-2,353	251,953
Unallocated by type of position	-4,511	2,238	15,458	-2,861	-176	14,233
By currency						
Of which: local currency	-2,646	1,720	11,529	-2,860	-176	14,224
Of which: US dollar	\	...	...	-1	0	8
Of which: euro	0	0	0	\	\	\
By instrument						
Of which: loans and deposits	-164	256	150	-465	357	1,631
Of which: debt securities	-2	505	658	1	0	6

Banks located in Netherlands

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	48,039	-17,648	2,844,961	44,758	-17,987	2,701,458
Cross-border positions	44,327	-57,652	1,163,935	66,260	-32,476	1,048,512
Of which: local currency	31,780	-33,930	627,302	72,414	-28,899	661,853
Local positions	1,055	40,927	1,657,705	-17,211	13,403	1,044,872
Of which: local currency	-169	38,559	1,601,585	-15,881	23,185	993,730
Unallocated	\	\	\	-4,291	1,085	608,074
Of which: local currency	\	\	\	130	-1,063	334,737
Cross-border positions	44,327	-57,652	1,163,935	66,260	-32,476	1,048,512
By sector of counterparty						
Banks	6,042	-19,253	424,000	34,174	-5,727	406,614
Of which: intragroup	7,420	-11,710	273,407	30,933	-8,589	327,312
Non-banks	16,432	-20,456	505,061	11,274	-10,809	369,514
Of which: non-bank financial	8,597	-5,565	207,391	2,283	-4,462	130,539
Of which: non-financial	7,836	-14,892	297,669	8,991	-6,346	238,975
Unallocated	21,853	-17,943	234,874	20,812	-15,940	272,384
By currency						
Local currency	31,780	-33,930	627,302	72,414	-28,899	661,853
Foreign currencies	12,546	-23,722	536,633	-6,154	-3,577	386,659
Of which: US dollar	13,977	-16,835	369,723	-5,313	2,130	253,671
Of which: euro	...	...	...	...	...	...
Of which: yen	-1,414	-946	17,342	213	-1,324	12,159
Of which: pound sterling	-8,782	4,972	65,052	-3,563	-3,553	57,518
Of which: Swiss franc	6,635	-13,378	15,477	-286	372	4,761
Of which: other currencies	2,130	2,464	69,040	2,795	-1,202	58,551
By instrument						
Of which: loans and deposits	19,257	-33,385	739,960	45,955	-16,668	769,236
Of which: debt securities	3,382	-6,262	121,689	...	...	...
Local positions in foreign currencies	1,224	2,368	56,121	-1,330	-9,781	51,142
By sector of counterparty						
Banks	280	557	2,019	-19	-60	1,099
Of which: intragroup	\	\	\	\	\	\
Non-banks	-152	4,062	49,854	-467	130	52,746
Of which: non-bank financial	-766	3,371	24,435	-422	-1,058	22,589
Of which: non-financial	613	691	25,419	-45	1,189	30,157
Unallocated	1,097	-2,252	4,248	-844	\	\
By currency						
Of which: US dollar	1,071	1,959	39,783	-377	-7,681	40,812
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	64	4,483	50,664	-487	70	53,845
Of which: debt securities	59	48	900	...	...	...
Local positions in local currency	-169	38,559	1,601,585	-15,881	23,185	993,730
Unallocated by type of position	\	\	\	-4,291	1,085	608,074
By currency						
Of which: local currency	\	\	\	130	-1,063	334,737
Of which: US dollar	6	42	171	1,918	1,185	172,522
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	0	0	\	0	0
Of which: debt securities	\	0	0	-6,770	-205	588,536

Banks located in Norway

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	13,000	9,438	613,265	10,580	9,515	561,007
Cross-border positions	7,922	1,928	177,227	4,511	1,037	215,188
Of which: local currency	314	-1,009	28,344	-2,491	-1,196	61,043
Local positions	5,069	7,516	436,003	6,069	8,478	345,820
Of which: local currency	\	\	\	\	\	\
Unallocated	9	-6	35	0	0	0
Of which: local currency	0	\	\	\	0	0
Cross-border positions	7,922	1,928	177,227	4,511	1,037	215,188
By sector of counterparty						
Banks	11,561	6,307	105,528	10,740	-2,901	132,506
Of which: intragroup	756	-810	45,556	7,943	-3,379	107,089
Non-banks	-3,847	580	60,727	-444	2,840	25,563
Of which: non-bank financial	-1,450	-144	25,602	-470	177	4,590
Of which: non-financial	-2,397	725	35,125	26	2,663	20,972
Unallocated	208	-4,960	10,972	-5,785	1,098	57,119
By currency						
Local currency	314	-1,009	28,344	-2,491	-1,196	61,043
Foreign currencies	\	\	\	\	\	\
Of which: US dollar	-1,820	4,822	69,084	632	8,346	79,545
Of which: euro	8,633	2,711	50,787	7,964	-2,002	52,132
Of which: yen	157	17	2,121	103	-38	2,439
Of which: pound sterling	32	245	4,848	-1,067	-3,194	6,030
Of which: Swiss franc	-36	-10	685	-409	204	1,123
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	6,780	3,787	111,184	9,730	528	144,269
Of which: debt securities	1,400	-385	30,018	-5,233	1,925	45,598
Local positions in foreign currencies	307	-2,397	28,219	961	2,286	29,062
By sector of counterparty						
Banks	1	-27	1,356	647	-106	2,434
Of which: intragroup	\	\	\	\	\	\
Non-banks	418	-1,818	26,252	-273	2,191	17,629
Of which: non-bank financial	-426	-688	3,276	-1,030	-652	3,775
Of which: non-financial	844	-1,130	22,976	757	2,843	13,855
Unallocated	-112	-552	611	587	201	8,998
By currency						
Of which: US dollar	-194	-2,420	11,334	-215	1,352	9,068
Of which: euro	1,003	315	8,098	1,190	862	12,191
By instrument						
Of which: loans and deposits	330	-1,025	23,844	-632	3,017	17,079
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	\	\	\	\	\	\
Unallocated by type of position	9	-6	35	0	0	0
By currency						
Of which: local currency	0	\	\	\	0	0
Of which: US dollar	\	\	\	0	\	\
Of which: euro	\	\	\	0	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	0	0	\	\	\

Banks located in Panama

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-128	-996	56,878	82	332	51,277
Cross-border positions	-67	-881	56,091	117	-70	49,692
Of which: local currency	...	...	...	...	...	...
Local positions	-45	-9	352	-34	402	1,576
Of which: local currency	...	...	...	...	...	...
Unallocated	-16	-106	435	-1	0	9
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-67	-881	56,091	117	-70	49,692
By sector of counterparty						
Banks	417	-538	32,978	625	150	25,315
Of which: intragroup	329	-314	14,160	362	8	7,576
Non-banks	-484	-343	23,113	-508	-220	24,377
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-67	-881	56,091	117	-70	49,692
Of which: US dollar	-67	-881	56,091	117	-70	49,692
Of which: euro	...	...	...	...	...	...
Of which: yen	...	...	...	...	...	...
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	...	...	...	...	...	...
Of which: other currencies	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	399	-802	43,060	177	-107	33,652
Of which: debt securities	-482	-71	7,758	11	-1	15,470
Local positions in foreign currencies	-45	-9	352	-34	402	1,576
By sector of counterparty						
Banks	-30	-12	220	23	28	220
Of which: intragroup	...	...	...	...	...	...
Non-banks	-15	3	132	-57	374	1,356
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-45	-9	352	-34	402	1,576
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-6	-7	165	-57	373	1,352
Of which: debt securities	-49	1	165	11	38	182
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	-16	-106	435	-1	0	9
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	-16	-106	435	-1	0	9
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-3	-117	320	...	...	...
Of which: debt securities	-13	11	113	-1	0	9

Banks located in Portugal

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-2,152	-4,723	454,719	-291	-3,206	402,002
Cross-border positions						
Of which: local currency	119	-1,542	72,069	1,096	-3,787	69,785
Local positions						
Of which: local currency	1,496	-1,641	56,700	1,912	-3,123	57,411
Unallocated						
Of which: local currency	-2,271	-3,181	382,650	-1,387	581	332,218
	-2,037	-3,521	380,156	-663	70	326,337

Cross-border positions	119	-1,542	72,069	1,096	-3,787	69,785
By sector of counterparty						
Banks	-274	-585	35,957	-468	-3,643	47,344
Of which: intragroup	\	\	\	\	\	\
Non-banks	393	-957	36,112	1,564	-143	22,050
Of which: non-bank financial	-272	-129	15,341	1,505	-653	8,234
Of which: non-financial	664	-827	20,771	59	510	13,816
Unallocated	...	...	...	0	0	391
By currency						
Local currency	1,496	-1,641	56,700	1,912	-3,123	57,411
Foreign currencies	-1,378	99	15,369	-817	-663	12,373
Of which: US dollar	-1,225	-82	10,572	-605	-675	11,289
Of which: euro	...	...	...	...	...	...
Of which: yen	-111	-122	150	2	1	8
Of which: pound sterling	-131	426	1,642	-20	-18	348
Of which: Swiss franc	17	149	341	-5	-3	27
Of which: other currencies	73	-273	2,664	-189	32	701
By instrument						
Of which: loans and deposits	-527	-242	35,652	1,169	-3,427	62,444
Of which: debt securities	955	-575	19,559	0	0	391
Local positions in foreign currencies	-234	340	2,494	-724	511	5,881
By sector of counterparty						
Banks	-203	-101	378	-433	8	603
Of which: intragroup	\	\	\	\	\	\
Non-banks	-31	440	2,116	-289	502	5,242
Of which: non-bank financial	13	-44	295	-227	-5	462
Of which: non-financial	-44	484	1,821	-62	507	4,780
Unallocated	...	...	...	-1	0	36
By currency						
Of which: US dollar	-251	379	2,304	-671	486	5,004
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-187	277	1,546	-730	518	5,739
Of which: debt securities	-58	65	706	-1	0	36
Local positions in local currency	-2,037	-3,521	380,156	-663	70	326,337
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

Banks located in Russia

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	-13,925	-1,658	1,306,722	-12,341	-402	1,207,094
Cross-border positions						
Of which: local currency	-4,439	-11,215	226,901	-491	-3,954	168,550
Local positions						
Of which: local currency	1,064	1,298	25,786	3,853	1,345	56,172
Unallocated						
Of which: local currency	-9,486	9,557	1,079,821	-11,850	3,551	1,038,543
	-3,033	14,087	830,833	962	11,604	758,176
	\	\	\	\	\	\
	\	\	\	\	\	\
Cross-border positions	-4,439	-11,215	226,901	-491	-3,954	168,550
By sector of counterparty						
Banks	-7,111	-10,621	79,056	-2,031	-566	60,869
Of which: intragroup	36	-143	340	-44	165	8,984
Non-banks	3,925	1,309	145,153	1,304	-2,187	104,762
Of which: non-bank financial	2,111	9,131	65,944	-537	-1,468	67,213
Of which: non-financial	1,814	-7,822	79,209	1,841	-719	37,549
Unallocated	-1,253	-1,903	2,693	236	-1,200	2,919
By currency						
Local currency	1,064	1,298	25,786	3,853	1,345	56,172
Foreign currencies	-5,503	-12,513	201,115	-4,344	-5,299	112,378
Of which: US dollar	-5,318	-10,050	153,302	-3,458	-4,430	89,787
Of which: euro	-516	-2,144	32,031	-950	-658	16,211
Of which: yen	-17	19	391	-1	30	502
Of which: pound sterling	327	-101	939	72	4	200
Of which: Swiss franc	391	-453	3,833	243	-57	2,300
Of which: other currencies	-370	216	10,619	-250	-188	3,379
By instrument						
Of which: loans and deposits	-3,763	-9,215	144,134	-2,393	-5,036	114,315
Of which: debt securities	1,527	-1,998	49,649	106	-60	5,446
Local positions in foreign currencies	-6,453	-4,529	248,987	-12,812	-8,053	280,367
By sector of counterparty						
Banks	-491	-2,113	38,581	-4,419	-3,524	45,517
Of which: intragroup	...	...	...	...	...	...
Non-banks	-4,555	-5,370	196,359	12,110	-6,225	228,617
Of which: non-bank financial	-30,345	-4,676	27,814	-924	-223	4,826
Of which: non-financial	25,790	-694	168,545	13,034	-6,002	223,791
Unallocated	-1,408	2,954	14,047	-20,502	1,696	6,233
By currency						
Of which: US dollar	-9,500	-3,977	211,543	-10,227	-6,981	226,732
Of which: euro	2,151	-33	34,667	-2,076	-1,157	47,607
By instrument						
Of which: loans and deposits	-7,370	2,006	207,814	-12,520	-6,594	259,214
Of which: debt securities	1,676	-2,123	16,671	-169	-199	2,599
Local positions in local currency	-3,033	14,087	830,833	962	11,604	758,176
Unallocated by type of position	\	\	\	\	\	\
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	0	\	\	\	0	0
Of which: euro	\	\	\	\	0	0
By instrument						
Of which: loans and deposits	\	0	0	\	0	0
Of which: debt securities	\	\	\	\	0	0

Banks located in Singapore

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	14,953	-14,162	1,179,785	23,085	-12,374	1,179,785
Cross-border positions						
Of which: local currency	6,067	-822	722,007	-6,362	-625	685,717
Local positions						
Of which: local currency	8,999	4,001	384,902	19,175	6,995	325,318
Unallocated						
Of which: local currency	\	\	\	\	\	\
Cross-border positions	6,067	-822	722,007	-6,362	-625	685,717
By sector of counterparty						
Banks	-1,045	2,419	338,203	-9,111	1,229	448,111
Of which: intragroup	\	\	\	\	\	\
Non-banks	120	-8,118	260,530	2,748	-1,853	237,607
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	6,993	4,877	123,274	\	\	\
By currency						
Local currency	\	\	\	\	\	\
Foreign currencies	6,067	-822	722,007	-6,362	-625	685,717
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-925	-5,699	598,734	-6,362	-625	685,717
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	8,999	4,001	384,902	19,175	6,995	325,318
By sector of counterparty						
Banks	3,918	13,124	230,045	14,754	4,336	156,341
Of which: intragroup	\	\	\	\	\	\
Non-banks	6,123	-6,639	134,857	4,421	2,659	168,978
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	-1,042	-2,484	20,000	\	\	\
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	19,175	6,995	325,318
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	\	\	\	\	\	\
Unallocated by type of position	\	\	\	\	\	\
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	\	\	\	\	\

Banks located in South Africa

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	13,264	1,041	346,218	13,698	309	352,180
Cross-border positions	-248	242	43,462	-1,025	1,706	38,775
Of which: local currency	343	-2,323	7,798	-828	-299	14,692
Local positions	13,511	703	302,659	14,724	-1,397	313,405
Of which: local currency	13,067	1,666	293,382	15,198	415	303,037
Unallocated	2	96	97	\	0	0
Of which: local currency	\	\	\	1	0	1
Cross-border positions	-248	242	43,462	-1,025	1,706	38,775
By sector of counterparty						
Banks	-65	-115	28,905	-726	2,651	32,152
Of which: intragroup	1,422	-272	13,693	1,019	2,062	17,902
Non-banks	-302	300	14,305	-353	58	6,568
Of which: non-bank financial	-284	173	3,795	-555	347	3,954
Of which: non-financial	-18	126	10,510	202	-289	2,614
Unallocated	118	58	252	54	-1,002	55
By currency						
Local currency	343	-2,323	7,798	-828	-299	14,692
Foreign currencies	-590	2,565	35,664	-198	2,005	24,083
Of which: US dollar	193	932	27,752	-613	1,348	17,844
Of which: euro	-427	285	3,068	23	259	2,388
Of which: yen	-8	208	340	64	30	163
Of which: pound sterling	203	1,233	2,596	179	681	2,464
Of which: Swiss franc	53	-59	33	8	-231	387
Of which: other currencies	-604	-35	1,875	142	-82	837
By instrument						
Of which: loans and deposits	1,054	1,365	30,970	-94	2,058	25,505
Of which: debt securities	-347	-238	2,948	-132	-567	1,368
Local positions in foreign currencies	444	-963	9,277	-474	-1,812	10,368
By sector of counterparty						
Banks	-205	-1,160	3,267	-124	-1,652	1,857
Of which: intragroup	...	...	...	...	...	...
Non-banks	653	208	6,007	-350	-161	8,509
Of which: non-bank financial	-3	45	810	-504	704	1,645
Of which: non-financial	655	163	5,197	154	-865	6,864
Unallocated	-4	-11	3	-1	0	2
By currency						
Of which: US dollar	12	-1,047	7,559	-7	-1,739	8,641
Of which: euro	508	90	1,052	-394	2	1,120
By instrument						
Of which: loans and deposits	271	-976	5,472	20	-1,196	7,765
Of which: debt securities	318	180	2,166	-22	25	131
Local positions in local currency	13,067	1,666	293,382	15,198	415	303,037
Unallocated by type of position	2	96	97	\	0	0
By currency						
Of which: local currency	\	\	\	1	0	1
Of which: US dollar	\	\	\	\	\	\
Of which: euro	0	99	98	\	-1	-1
By instrument						
Of which: loans and deposits	1	96	97	1	-1	0
Of which: debt securities	\	-1	-1	\	1	1

Banks located in Spain

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	33,887	-61,989	2,519,761	39,140	-58,022	2,422,396
Cross-border positions	6,250	-4,648	421,153	-8,148	-14,304	316,937
Of which: local currency	5,983	-7,394	240,795	-5,416	-16,495	254,292
Local positions	27,637	-57,341	2,098,608	44,865	-36,027	1,868,201
Of which: local currency	26,489	-57,114	2,073,475	43,070	-36,490	1,827,846
Unallocated	0	0	0	2,424	-7,690	237,259
Of which: local currency	0	0	0	3,520	-8,773	224,235
Cross-border positions	6,250	-4,648	421,153	-8,148	-14,304	316,937
By sector of counterparty						
Banks	1,634	-9,116	172,634	2,973	-3,189	252,223
Of which: intragroup	4,753	411	90,089	-1,196	1,628	76,264
Non-banks	4,616	4,468	248,518	-11,121	-11,116	64,713
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	5,983	-7,394	240,795	-5,416	-16,495	254,292
Foreign currencies	267	2,746	180,358	-2,732	2,190	62,645
Of which: US dollar	520	2,160	101,926	-1,695	1,389	54,251
Of which: euro	...	...	...	...	...	...
Of which: yen	-592	83	589	7	17	437
Of which: pound sterling	-756	608	27,800	-940	205	5,964
Of which: Swiss franc	217	-71	2,782	-12	176	559
Of which: other currencies	878	-35	47,260	-92	403	1,433
By instrument						
Of which: loans and deposits	10,565	-7,176	204,175	-8,148	-14,304	316,937
Of which: debt securities	-4,566	676	92,932	...	...	...
Local positions in foreign currencies	1,147	-227	25,133	1,795	463	40,355
By sector of counterparty						
Banks	804	-22	3,551	1,042	614	8,527
Of which: intragroup	...	...	...	...	...	...
Non-banks	343	-205	21,582	752	-151	31,828
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	985	385	15,939	1,736	365	33,716
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	1,248	-153	21,128	1,795	463	40,355
Of which: debt securities	-97	-74	4,005	...	...	...
Local positions in local currency	26,489	-57,114	2,073,475	43,070	-36,490	1,827,846
Unallocated by type of position	0	0	0	2,424	-7,690	237,259
By currency						
Of which: local currency	0	0	0	3,520	-8,773	224,235
Of which: US dollar	0	0	0	-773	1,078	10,331
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	0	0	0	0	0	0
Of which: debt securities	0	0	0	2,424	-7,690	237,259

Banks located in Sweden

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	20,438	18,052	1,336,849	16,601	14,138	1,274,993
Cross-border positions	-10,319	-406	419,959	2,573	-1,706	249,614
Of which: local currency	-16	-6,945	62,612	-323	-1,949	77,142
Local positions	30,735	18,446	916,825	15,003	17,909	706,798
Of which: local currency	26,164	18,980	871,423	16,509	18,267	671,573
Unallocated	22	12	65	-974	-2,064	318,581
Of which: local currency	22	-3	51	378	-354	17,950
Cross-border positions	-10,319	-406	419,959	2,573	-1,706	249,614
By sector of counterparty						
Banks	-13,410	-353	307,332	1,075	-1,953	197,909
Of which: intragroup	-8,990	7,637	229,861	1,832	5,616	98,902
Non-banks	3,091	-53	112,627	1,498	247	51,705
Of which: non-bank financial	539	-1,908	37,936	2,069	1,193	28,562
Of which: non-financial	2,552	1,855	74,691	-571	-947	23,144
Unallocated	\	\	\	\	\	\
By currency						
Local currency	-16	-6,945	62,612	-323	-1,949	77,142
Foreign currencies	-10,303	6,539	357,347	2,896	242	172,472
Of which: US dollar	-4,193	-3,245	92,732	10,678	-2,680	77,842
Of which: euro	-5,257	10,749	168,571	-4,203	-2,956	64,898
Of which: yen	476	-640	3,063	252	-146	340
Of which: pound sterling	1,748	-1,530	17,883	-526	5,458	14,754
Of which: Swiss franc	813	-836	5,730	-783	21	407
Of which: other currencies	-3,890	2,042	69,368	-2,523	546	14,231
By instrument						
Of which: loans and deposits	-10,656	4,947	291,866	6,749	3,369	200,113
Of which: debt securities	-2,301	-735	27,511	...	...	...
Local positions in foreign currencies	4,571	-535	45,402	-1,506	-359	35,226
By sector of counterparty						
Banks	1,316	20	12,859	384	-572	13,787
Of which: intragroup	423	-199	3,421	1,710	127	5,579
Non-banks	3,255	-555	32,543	-1,847	229	21,410
Of which: non-bank financial	874	-175	4,261	-603	-208	4,126
Of which: non-financial	2,381	-380	28,282	-1,245	437	17,284
Unallocated	\	\	\	-43	-15	29
By currency						
Of which: US dollar	2,023	-590	17,604	-1,011	-725	13,103
Of which: euro	2,095	41	20,663	-101	460	16,508
By instrument						
Of which: loans and deposits	1,253	-1,028	25,698	-1,682	28	18,319
Of which: debt securities	-296	197	5,217	-43	-15	29
Local positions in local currency	26,164	18,980	871,423	16,509	18,267	671,573
Unallocated by type of position	22	12	65	-974	-2,064	318,581
By currency						
Of which: local currency	22	-3	51	378	-354	17,950
Of which: US dollar	0	\	\	-1,482	-2,610	122,748
Of which: euro	0	15	15	79	2,806	124,869
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	0	0	0	-1,032	-2,077	318,461

Banks located in Switzerland

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	26,663	30,165	2,312,776	26,252	29,512	2,314,531
Cross-border positions	20,879	-16,213	799,373	27,509	-2,059	884,744
Of which: local currency	4,575	-17,550	176,055	21,449	-10,885	204,161
Local positions	6,608	45,897	1,502,830	-3,535	24,312	1,132,801
Of which: local currency	1,208	36,346	1,417,647	-4,339	15,675	940,316
Unallocated	-825	481	10,573	2,278	7,259	296,986
Of which: local currency	-805	355	9,202	-1,072	5,128	263,515
Cross-border positions	20,879	-16,213	799,373	27,509	-2,059	884,744
By sector of counterparty						
Banks	16,536	-13,742	463,314	33,162	-3,776	423,732
Of which: intragroup	14,573	-7,111	175,233	14,653	332	194,197
Non-banks	6,044	-2,729	334,643	-3,925	29	460,273
Of which: non-bank financial	1,982	-911	162,095	-1,136	-1,847	180,822
Of which: non-financial	4,062	-1,817	172,547	-2,789	1,876	279,451
Unallocated	-1,701	257	1,417	-1,729	1,688	740
By currency						
Local currency	4,575	-17,550	176,055	21,449	-10,885	204,161
Foreign currencies	16,305	1,336	623,318	6,060	8,827	680,584
Of which: US dollar	10,115	-3,023	375,426	5,706	13,853	458,268
Of which: euro	6,917	2,244	167,125	-2,006	-3,629	150,976
Of which: yen	-750	1,241	9,811	-119	-285	4,207
Of which: pound sterling	-198	1,683	42,993	1,529	1,202	42,470
Of which: Swiss franc	...	...	...	...	...	...
Of which: other currencies	221	-809	27,962	950	-2,315	24,662
By instrument						
Of which: loans and deposits	16,133	2,882	423,850	27,850	14,471	722,275
Of which: debt securities	88	-2,980	113,759	...	...	...
Local positions in foreign currencies	5,401	9,551	85,183	804	8,637	192,485
By sector of counterparty						
Banks	2,075	7,784	43,440	-623	4,338	43,406
Of which: intragroup	77	2,824	7,875	-411	270	4,998
Non-banks	2,524	2,208	41,024	872	4,243	147,485
Of which: non-bank financial	-327	792	11,048	214	1,557	53,357
Of which: non-financial	2,851	1,416	29,976	659	2,687	94,129
Unallocated	802	-441	719	554	56	1,594
By currency						
Of which: US dollar	851	9,213	52,892	-942	8,365	98,381
Of which: euro	5,039	1,237	26,374	1,264	-640	71,267
By instrument						
Of which: loans and deposits	2,968	11,389	78,691	1,213	11,079	169,554
Of which: debt securities	254	-188	861	...	...	...
Local positions in local currency	1,208	36,346	1,417,647	-4,339	15,675	940,316
Unallocated by type of position	-825	481	10,573	2,278	7,259	296,986
By currency						
Of which: local currency	-805	355	9,202	-1,072	5,128	263,515
Of which: US dollar	35	93	858	2,571	804	22,495
Of which: euro	-28	8	379	821	890	9,882
By instrument						
Of which: loans and deposits	0	\	\	0	0	0
Of which: debt securities	\	\	\	3,566	3,470	68,011

Banks located in Turkey

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	3,197	777	278,256	303	-15,869	329,672
Cross-border positions	774	1,363	31,804	699	-2,667	121,930
Of which: local currency	2,541	168	5,246	1,232	-539	11,559
Local positions	1,821	-872	239,929	-4,627	-10,910	162,174
Of which: local currency	...	...	...	...	...	...
Unallocated	603	287	6,523	4,231	-2,292	45,568
Of which: local currency	172	4	2,272	1,046	-877	3,153
Cross-border positions	774	1,363	31,804	699	-2,667	121,930
By sector of counterparty						
Banks	306	1,358	25,336	1,027	-2,618	105,524
Of which: intragroup	1,926	362	12,817	386	623	9,808
Non-banks	468	5	6,467	-328	-49	16,406
Of which: non-bank financial	72	-149	821	232	-132	7,411
Of which: non-financial	395	154	5,646	-560	83	8,995
Unallocated	...	...	...	0	\	...
By currency						
Local currency	2,541	168	5,246	1,232	-539	11,559
Foreign currencies	-1,767	1,195	26,558	-533	-2,128	110,370
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
Of which: yen	\	\	\	\	\	\
Of which: pound sterling	\	\	\	\	\	\
Of which: Swiss franc	\	\	\	\	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	633	1,188	26,565	699	-2,667	121,930
Of which: debt securities	59	84	910	...	...	...
Local positions in foreign currencies	1,821	-872	239,929	-4,627	-10,910	162,174
By sector of counterparty						
Banks	-866	-1,053	87,035	-1,008	671	17,618
Of which: intragroup	...	...	...	1	43	44
Non-banks	2,687	181	152,894	-3,580	-11,581	144,556
Of which: non-bank financial	322	-926	15,896	186	-292	1,566
Of which: non-financial	2,365	1,107	136,999	-3,765	-11,289	142,990
Unallocated	...	...	...	-39	0	0
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	2,597	106	226,263	-4,627	-10,910	162,174
Of which: debt securities	-776	-979	13,666	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	603	287	6,523	4,231	-2,292	45,568
By currency						
Of which: local currency	172	4	2,272	1,046	-877	3,153
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	603	287	6,523	1,008	-928	16,083
Of which: debt securities	0	0	0	3,223	-1,364	29,485

Banks located in United Kingdom

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	247,712	104,179	10,748,006	227,529	96,439	10,056,657
Cross-border positions						
Of which: local currency	150,564	1,627	4,607,960	126,596	-37,613	4,595,933
Local positions						
Of which: local currency	27,114	33,895	457,198	9,453	9,824	650,773
Unallocated						
Of which: local currency	97,148	102,552	6,140,045	100,932	134,053	5,460,724
	80,508	163,850	5,239,883	87,826	126,233	4,361,639
	\	1	1	\	\	\
	\	\	\	\	-1	-1
Cross-border positions	150,564	1,627	4,607,960	126,596	-37,613	4,595,933
By sector of counterparty						
Banks	126,122	40,579	2,473,786	3,194	-42,614	2,237,894
Of which: intragroup	95,172	1,585	1,756,233	-2,233	8,200	1,456,475
Non-banks	28,253	-43,216	2,090,511	106,533	-3,180	1,515,060
Of which: non-bank financial	13,099	1,333	1,243,898	82,152	-13,318	1,084,378
Of which: non-financial	15,154	-44,549	846,615	24,381	10,140	430,682
Unallocated	-3,810	4,264	43,663	16,869	8,180	842,979
By currency						
Local currency	27,114	33,895	457,198	9,453	9,824	650,773
Foreign currencies	123,451	-32,269	4,150,762	117,143	-47,436	3,945,161
Of which: US dollar	58,930	-18,943	2,025,194	67,973	-15,842	2,004,140
Of which: euro	44,556	-1,199	1,493,534	55,283	-24,149	1,456,781
Of which: yen	-4,157	-5,578	218,743	-14,551	-1,693	164,189
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	15,877	-3,072	83,699	1,382	-4,037	42,157
Of which: other currencies	8,245	-3,477	329,592	7,055	-1,715	277,894
By instrument						
Of which: loans and deposits	163,201	23,277	3,907,344	110,401	-44,525	3,753,871
Of which: debt securities	-20,862	-38,601	529,762	16,197	6,866	840,904
Local positions in foreign currencies	16,640	-61,297	900,163	13,106	7,819	1,099,085
By sector of counterparty						
Banks	-7,331	-22,198	381,400	-6,116	-18,213	380,073
Of which: intragroup	-24,313	-720	250,138	-22,952	-705	249,546
Non-banks	20,850	-31,373	478,278	14,352	16,238	553,335
Of which: non-bank financial	22,155	-32,009	408,952	9,362	20,272	451,037
Of which: non-financial	2,796	1,681	69,327	9,608	-2,792	102,298
Unallocated	3,121	-7,726	40,485	4,870	9,794	165,677
By currency						
Of which: US dollar	19,800	-53,661	391,821	15,634	1,351	460,955
Of which: euro	-9,628	1,821	402,551	-7,025	6,305	433,744
By instrument						
Of which: loans and deposits	21,003	-54,051	859,221	12,774	1,582	992,795
Of which: debt securities	-3,835	-4,618	30,451	556	6,261	106,159
Local positions in local currency	80,508	163,850	5,239,883	87,826	126,233	4,361,639
Unallocated by type of position	\	1	1	\	\	\
By currency						
Of which: local currency	\	\	\	\	-1	-1
Of which: US dollar	-1	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	1	\	\	\	\	\
Of which: debt securities	\	\	\	\	\	\

Banks located in United States

Positions reported by banking offices located in the specified country regardless of the nationality of the controlling parent, in millions of US dollars

Table A5

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Total	113,733	21,901	2,812,307	124,935	70,513	3,507,114
Cross-border positions						
Of which: local currency	113,733	21,901	2,812,307	124,935	70,513	3,507,114
Local positions	100,413	11,971	2,532,592	121,272	66,980	3,335,448
Of which: local currency	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	113,733	21,901	2,812,307	124,935	70,513	3,507,114
By sector of counterparty						
Banks	69,343	-66,230	1,616,097	61,760	7,016	2,130,671
Of which: intragroup	61,467	13,820	1,356,436	73,357	27,795	1,605,177
Non-banks	44,390	88,131	1,196,210	63,175	63,498	1,376,444
Of which: non-bank financial	22,662	39,032	739,355	44,339	9,651	841,660
Of which: non-financial	21,727	49,099	456,855	18,835	53,847	534,784
Unallocated	\\	\\	\\	\\	-1	-1
By currency						
Local currency	100,413	11,971	2,532,592	121,272	66,980	3,335,448
Foreign currencies	13,320	9,930	279,715	3,663	3,533	171,666
Of which: US dollar	...	...	...	...	...	...
Of which: euro	-49	17,304	111,796	1,598	6,919	71,170
Of which: yen	3,112	-4,449	43,274	-1,522	-3,712	37,531
Of which: pound sterling	76	1,936	26,773	-349	-445	15,708
Of which: Swiss franc	-89	246	4,639	-272	-82	3,455
Of which: other currencies	10,269	-5,107	93,233	4,208	854	43,802
By instrument						
Of which: loans and deposits	114,981	21,598	2,804,341	119,690	62,307	3,385,995
Of which: debt securities	-133	630	7,966	5,245	8,206	121,119
Local positions in foreign currencies	...	...	...	...	...	...
By sector of counterparty						
Banks	...	...	...	...	...	...
Of which: intragroup	...	...	...	...	...	...
Non-banks	...	...	...	...	...	...
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	...	...	...	...	...	...
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	...	...	...	...	...	...
Of which: debt securities	...	...	...	...	...	...

A6 Residence of counterparty

Table A6 presents claims and liabilities aggregated across banking offices located in all LBS-reporting countries on counterparties that reside outside the country where the office is located. For example, cross-border liabilities to residents of Germany refer to liabilities booked by banking offices located in all LBS-reporting countries except Germany. For local positions – positions on residents of the country where the office is located – refer to Table A5.

Data for additional countries are available on the BIS website (www.bis.org/statistics/bankstats.htm).

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Counterparties resident in All countries (total)

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	463,495	-72,262	28,238,544	595,747	-8,149	25,684,151
By sector of counterparty						
Banks	337,903	-260,860	14,830,212	254,845	-127,243	14,161,935
Of which: intragroup	314,100	-86,195	9,269,613	292,168	22,685	8,347,669
Non-banks	101,681	177,729	12,832,215	307,634	127,727	8,490,229
Of which: non-bank financial	137,989	129,197	5,063,032	287,103	56,705	4,072,638
Of which: non-financial	-42,984	69,545	6,394,624	28,964	137,004	3,348,549
Unallocated	23,911	10,870	576,118	33,268	-8,634	3,031,988
By currency						
US dollar	323,642	51,771	13,885,465	348,221	73,508	13,076,341
Euro	45,331	-158,387	8,142,691	229,828	-125,677	7,276,650
Yen	-18,084	8,047	1,731,476	-28,247	-24,139	889,307
Pound sterling	39,348	73,097	1,264,851	10,888	42,008	1,311,763
Swiss franc	31,556	-30,408	484,747	18,868	-16,519	379,140
Other currencies	26,627	-29,399	1,003,102	8,524	13,407	1,457,106
Unallocated	15,075	13,017	1,726,211	7,666	29,264	1,293,844
By instrument						
Loans and deposits	396,314	-46,236	18,755,548	528,825	-2,730	20,030,453
By sector of counterparty						
Banks	314,262	-218,898	11,546,106	253,699	-85,087	12,449,478
Of which: intragroup	251,294	68,123	6,812,331	247,802	19,885	6,334,055
Non-banks	82,461	174,504	7,206,751	270,583	76,833	7,483,594
Of which: non-bank financial	69,039	138,421	3,013,926	253,446	25,859	3,627,396
Of which: non-financial	55,706	34,646	3,170,053	36,419	105,925	2,915,880
Unallocated	-409	-1,843	2,691	4,543	5,525	97,381
Debt securities	-25,510	24,687	6,183,246	26,255	2,330	3,275,140
Other instruments	89,605	-54,176	3,169,097	40,912	-8,186	2,264,883
Unallocated	3,085	3,464	130,653	-244	437	113,675
By location of banking office						
Australia	7,498	-30,501	445,182	6,660	-19,065	732,397
Austria	-7,001	-13,933	256,405	-2,559	-8,777	163,803
Belgium	10,169	-36,524	613,861	7,972	-14,995	515,405
Brazil	4,546	-8,026	84,894	-4,750	6,023	141,790
Canada	30,058	19,145	562,492	36,034	15,778	477,427
Chile	956	-1,403	17,256	-1,821	-1,945	25,766
Chinese Taipei	9,369	6,047	376,993	5,924	23,604	210,185
Denmark	2,970	-646	239,382	-6,907	-362	191,335
Finland	-12,418	-24,229	255,931	-6,821	-5,265	390,931
France	9,022	95,447	2,332,512	83,996	79,855	2,367,716
Germany	31,809	-49,758	2,108,967	88,393	-57	1,699,144
Greece	-10,769	-2,189	90,796	5,522	2,608	32,490
Guernsey	1,842	1,004	142,103	1,572	-321	89,860
Hong Kong SAR	11,810	52,946	1,327,974	38,913	18,017	1,064,451
Ireland	-9,172	-4,902	305,245	-5,574	-424	275,546
Isle of Man	-330	2,332	54,057	212	2,085	42,613
Japan	67,477	55,076	3,573,098	23,791	-26,193	1,361,508
Jersey	-5,584	1,256	151,167	-5,329	1,657	97,908
Korea	2,158	10,921	228,205	3,961	-388	236,734
Luxembourg	5,192	-44,453	604,057	-4,564	-27,239	409,202
Macao SAR	4,281	-2,666	105,223	2,842	-5,261	68,756
Mexico	-4,178	1,565	16,605	-667	-10,240	14,152
Netherlands	44,327	-57,652	1,163,935	66,260	-32,476	1,048,512
South Africa	-248	242	43,462	-1,025	1,706	38,775
Spain	6,250	-4,648	421,153	-8,148	-14,304	316,937
Sweden	-10,319	-406	419,959	2,573	-1,706	249,614
Switzerland	20,879	-16,213	799,373	27,509	-2,059	884,744
United Kingdom	150,564	1,627	4,607,960	126,596	-37,613	4,595,933
United States	113,733	21,901	2,812,307	124,935	70,513	3,507,114

Counterparties resident in Argentina

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	128	-3,370	15,333	-650	1,487	25,429
By sector of counterparty						
Banks	-58	-2,525	4,490	397	1,199	3,865
Of which: intragroup	133	-70	1,043	-10	4	226
Non-banks	-71	-602	10,677	-1,079	308	21,527
Of which: non-bank financial	47	-119	889	-251	-218	1,665
Of which: non-financial	-93	-461	8,931	-780	496	18,191
Unallocated	257	-243	165	32	-20	37
By currency						
US dollar	148	-3,583	12,039	-782	-270	20,714
Euro	0	-73	701	-156	-28	1,817
Yen	5	-14	23	291	1,318	1,676
Pound sterling	-65	0	10	-1	9	161
Swiss franc	13	3	90	2	296	489
Other currencies	60	10	140	-5	150	263
Unallocated	-33	287	2,330	2	13	309
By instrument						
Loans and deposits	-246	-3,546	12,266	-681	1,608	24,524
By sector of counterparty						
Banks	-340	-2,568	2,928	416	1,214	3,438
Of which: intragroup	...	...	...	...	...	...
Non-banks	91	-976	9,315	-1,087	395	21,083
Of which: non-bank financial	15	-160	802	-259	-209	1,615
Of which: non-financial	1	-826	7,770	-780	574	17,798
Unallocated	4	-2	23	-10	-1	3
Debt securities	61	332	1,450	22	-14	88
Other instruments	309	-154	1,613	31	-20	364
Unallocated	4	-2	3	-22	-86	452
By location of banking office						
Australia	-1	0	2	-2	-1	16
Austria	0	-2	15	-1	-3	26
Belgium	28	26	101	-103	-46	155
Brazil	-417	40	1,082	-1	2	3
Canada	-7	-4	24	5	5	68
Chile	244	-238	28	-11	0	5
Chinese Taipei	-1	1	3	0	-4	15
Denmark	3	3	10	0	0	15
Finland	0	0	0	\	\	\
France	20	-5	441	66	-21	244
Germany	-33	-100	250	-410	20	746
Greece	...	...	...	...	...	...
Guernsey	0	0	0	-2	-2	10
Hong Kong SAR	9	64	113	-18	148	214
Ireland	0	0	1	11	-12	11
Isle of Man	0	0	0	0	-2	27
Japan	79	94	335	289	1,313	1,675
Jersey	5	0	6	-4	8	123
Korea	-66	-24	59	-4	-2	23
Luxembourg	-36	-8	57	-76	-12	83
Macao SAR	...	...	...	0	0	0
Mexico	-4	-86	8	0	0	0
Netherlands	48	-393	1,295	-12	6	170
South Africa	...	...	...	0	0	1
Spain	-77	-966	844	-16	-14	1,105
Sweden	0	0	0	0	1	6
Switzerland	-25	-126	614	-114	-79	5,642
United Kingdom	219	-1,441	2,308	-36	350	530
United States	-64	-389	3,953	-295	-198	12,682

Counterparties resident in Australia

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	11,576	27,494	450,248	1,051	10,680	244,372
By sector of counterparty						
Banks	5,583	715	280,382	-254	-4,596	168,162
Of which: intragroup	-253	364	96,554	-12,238	1,786	57,444
Non-banks	5,635	26,716	163,466	1,712	15,376	70,117
Of which: non-bank financial	875	15,740	46,371	1,582	13,345	40,576
Of which: non-financial	5,880	10,160	100,280	-426	2,496	22,926
Unallocated	359	63	6,401	-407	-101	6,093
By currency						
US dollar	610	15,515	221,217	818	4,872	121,311
Euro	-604	2,705	42,704	-176	1,900	17,345
Yen	-619	-958	16,087	-952	-496	6,039
Pound sterling	2,210	241	7,677	868	-117	16,868
Swiss franc	-146	-45	1,303	255	-267	906
Other currencies	288	2,849	15,668	64	-142	16,095
Unallocated	9,837	7,187	145,594	174	4,930	65,809
By instrument						
Loans and deposits	4,664	21,147	274,624	2,033	11,399	213,223
By sector of counterparty						
Banks	2,485	-641	181,244	625	-4,105	145,304
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,128	21,781	93,219	1,881	15,578	67,113
Of which: non-bank financial	176	16,104	28,271	1,502	13,279	39,365
Of which: non-financial	942	5,328	42,744	-132	2,737	21,353
Unallocated	52	7	162	-474	-74	805
Debt securities	4,244	9,332	146,419	344	942	8,754
Other instruments	2,619	-2,983	29,193	-1,313	-1,652	22,181
Unallocated	49	-2	12	-12	-9	215
By location of banking office						
Australia	...	...	...	...	...	...
Austria	14	-41	512	-4	-6	63
Belgium	3	-188	1,471	-125	-46	457
Brazil	11	-7	10	...	...	...
Canada	782	-1,103	6,533	-1,009	200	4,536
Chile	-16	-39	27	0	0	1
Chinese Taipei	1,808	807	13,421	256	-2	1,495
Denmark	-137	-58	378	51	-20	391
Finland	-15	-49	565	52	-15	742
France	108	3,275	14,629	538	4,328	20,938
Germany	387	756	16,404	366	724	2,415
Greece	...	...	...	...	...	...
Guernsey	67	90	764	10	-17	145
Hong Kong SAR	1,786	3,779	58,473	-538	-745	25,549
Ireland	-98	-46	2,379	-16	39	216
Isle of Man	35	3	132	-7	3	492
Japan	5,807	1,309	86,273	-2,106	-598	5,680
Jersey	7	1	299	65	-87	614
Korea	65	310	5,259	89	932	5,097
Luxembourg	101	-262	3,740	116	-124	383
Macao SAR	107	-123	3,427	-45	61	354
Mexico	-10	12	12	1	-1	2
Netherlands	593	-379	9,894	\	\	\
South Africa	-22	-104	421	28	-4	69
Spain	72	-27	455	-449	165	384
Sweden	-27	-32	639	-53	-29	525
Switzerland	-26	17	3,782	273	-221	1,500
United Kingdom	3,472	-911	65,178	5,018	-2,434	70,559
United States	1,116	15,316	72,058	-5,609	13,635	35,791

Counterparties resident in Belgium

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-1,811	217	389,051	10,764	-14,377	443,387
By sector of counterparty						
Banks	-7,923	11,554	219,529	3,405	-13,516	231,465
Of which: intragroup	2,922	372	117,955	2,632	-12,433	124,973
Non-banks	-2,022	-5,403	142,050	6,249	302	67,441
Of which: non-bank financial	1,612	323	20,959	856	1,305	14,427
Of which: non-financial	-2,961	-5,426	116,090	5,171	-1,765	50,216
Unallocated	8,134	-5,934	27,472	1,109	-1,163	144,481
By currency						
US dollar	-435	7,956	86,713	-9,249	4,310	81,610
Euro	-2,330	-7,198	282,430	16,880	-19,240	298,118
Yen	232	-673	1,878	1,821	-1,565	10,833
Pound sterling	-83	331	7,452	-3,062	3,778	25,634
Swiss franc	324	-247	2,286	594	-1,097	2,978
Other currencies	269	-28	2,109	195	-547	5,143
Unallocated	211	76	6,182	3,584	-16	19,072
By instrument						
Loans and deposits	-1,115	1,427	196,425	9,642	-13,101	282,088
By sector of counterparty						
Banks	-2,479	3,466	138,007	3,345	-13,211	215,231
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,351	-2,039	58,356	6,208	203	66,846
Of which: non-bank financial	-809	867	10,494	872	1,292	14,366
Of which: non-financial	2,235	-2,551	46,346	5,141	-1,862	49,727
Unallocated	13	1	62	89	-93	11
Debt securities	-1,985	1,095	91,542	-391	-243	118,395
Other instruments	1,813	-2,485	99,061	1,448	-999	42,720
Unallocated	-525	180	2,023	64	-34	185
By location of banking office						
Australia	-2	-33	136	72	-102	513
Austria	-80	-140	2,833	-136	397	772
Belgium	...	...	...	...	...	...
Brazil	8	-4	183	15	1	41
Canada	107	70	392	-26	58	207
Chile	4	-4	1	1	-3	2
Chinese Taipei	86	-45	480	2	-17	98
Denmark	-146	136	2,759	467	532	2,215
Finland	422	574	3,734	-298	-1,106	79,608
France	-10,114	13,322	100,812	7,634	-1,780	79,988
Germany	274	-3,603	33,725	2,210	-4,557	34,392
Greece	14	-1	90	4	1	43
Guernsey	-35	-13	184	3	-3	17
Hong Kong SAR	193	416	2,350	114	-331	2,519
Ireland	-741	415	8,991	-1,285	-599	9,790
Isle of Man	-42	-89	5	2	3	50
Japan	-4,548	2,325	37,640	-2,911	6,709	14,183
Jersey	0	1	30	-19	-2	93
Korea	3	197	441	-100	15	50
Luxembourg	334	-1,656	19,050	1,006	-482	12,591
Macao SAR	2	2	6	-7	-5	12
Mexico	104	-102	27	2	-2	2
Netherlands	14,526	-14,642	86,483	11,275	-12,366	88,884
South Africa	-9	146	160	7	61	200
Spain	-1,329	-382	6,232	613	-1,121	6,161
Sweden	400	-581	1,105	-202	-257	928
Switzerland	380	821	7,910	1,559	-459	12,027
United Kingdom	-2,025	-942	40,986	-574	245	70,126
United States	393	4,212	16,016	-6,744	-1,127	10,215

Counterparties resident in Brazil

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	2,303	530	263,355	81	-4,967	90,704
By sector of counterparty						
Banks	1,112	6,143	126,249	4,160	-6,994	55,913
Of which: intragroup	6,726	-294	49,380	8,855	-10,598	2,859
Non-banks	644	-5,746	135,185	-4,062	1,581	34,270
Of which: non-bank financial	339	956	17,029	236	4	7,437
Of which: non-financial	1,618	-3,792	80,530	-1,169	1,442	22,131
Unallocated	547	133	1,921	-17	446	522
By currency						
US dollar	-2,049	1,445	211,104	2,700	-5,468	78,912
Euro	-1,038	-192	8,730	-1,342	-24	6,511
Yen	-264	-31	2,595	-393	86	1,417
Pound sterling	-112	20	415	-133	24	1,454
Swiss franc	-45	-18	707	-40	23	435
Other currencies	376	489	4,428	126	363	824
Unallocated	5,435	-1,183	35,375	-836	30	1,152
By instrument						
Loans and deposits	-3,109	3,840	187,571	-702	-6,001	57,415
By sector of counterparty						
Banks	350	5,783	95,884	3,520	-7,881	25,505
Of which: intragroup	...	...	...	...	...	...
Non-banks	-3,462	-1,918	91,572	-4,219	1,435	31,438
Of which: non-bank financial	-148	1,170	13,210	-33	-71	6,895
Of which: non-financial	75	-3,020	60,906	-1,406	1,387	21,727
Unallocated	3	-25	114	-3	445	472
Debt securities	2,313	-1,375	52,132	239	158	1,576
Other instruments	3,117	-1,920	23,650	577	893	31,555
Unallocated	-18	-14	2	-32	-17	159
By location of banking office						
Australia	564	-782	252	-63	-7	62
Austria	-47	63	579	-30	21	70
Belgium	25	89	520	-134	61	405
Brazil	...	...	...	...	...	...
Canada	-474	103	6,862	91	435	650
Chile	89	100	860	-12	5	11
Chinese Taipei	-80	-28	463	1	3	16
Denmark	-13	0	37	-12	17	50
Finland	47	-33	195	0	0	2
France	254	666	16,726	-77	-392	455
Germany	64	-65	4,288	7	200	1,198
Greece	...	...	...	0	0	5
Guernsey	-4	0	1	4	-4	11
Hong Kong SAR	-220	487	1,459	-210	-42	238
Ireland	-5	-20	671	-1	12	23
Isle of Man	-1	0	6	-4	-1	84
Japan	713	203	14,176	-44	89	335
Jersey	3	2	13	-15	35	226
Korea	291	32	2,797	-16	-10	65
Luxembourg	-624	253	8,848	-160	-5	503
Macao SAR	5	-1	38	0	-6	85
Mexico	-6	-460	2,248	1	1	3
Netherlands	578	377	5,877	-74	36	339
South Africa	-20	-264	257	0	0	3
Spain	642	-498	11,116	-15	-100	772
Sweden	31	14	1,186	2	-4	16
Switzerland	-8	-30	1,550	-94	118	3,475
United Kingdom	1,324	-2,241	16,168	-432	-479	5,078
United States	2,666	-321	95,093	8,711	-9,225	28,315

Counterparties resident in Canada

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	11,460	14,634	469,980	23,237	631	291,636
By sector of counterparty						
Banks	978	17,234	289,100	6,468	-8,579	168,895
Of which: intragroup	-625	8,306	105,549	13,894	-251	87,106
Non-banks	10,825	-2,288	175,631	17,207	9,175	114,568
Of which: non-bank financial	6,861	-2,687	57,111	13,338	2,969	58,695
Of which: non-financial	4,074	1,607	112,753	3,538	5,362	48,500
Unallocated	-342	-312	5,250	-438	35	8,173
By currency						
US dollar	-2,189	19,800	266,343	18,808	3,780	214,499
Euro	2,620	401	54,674	2,151	-2,932	21,654
Yen	1,716	-961	6,162	741	-1,389	2,471
Pound sterling	129	780	8,353	-459	-259	6,543
Swiss franc	-243	209	2,862	242	-476	1,152
Other currencies	8,057	-7,080	50,166	654	1,909	16,994
Unallocated	1,371	1,485	81,420	1,100	-2	28,322
By instrument						
Loans and deposits	5,761	15,274	328,307	24,757	257	263,577
By sector of counterparty						
Banks	-980	17,381	214,063	7,617	-8,140	152,865
Of which: intragroup	...	...	...	...	...	...
Non-banks	6,723	-2,082	114,219	17,054	8,578	110,516
Of which: non-bank financial	4,143	-4,010	44,373	13,170	2,787	57,157
Of which: non-financial	1,602	2,500	63,388	3,475	5,077	46,821
Unallocated	17	-26	25	85	-181	196
Debt securities	4,474	387	127,996	30	664	5,534
Other instruments	1,376	-1,288	13,672	-1,504	-186	22,170
Unallocated	-151	261	6	-46	-105	355
By location of banking office						
Australia	-837	-1,178	8,634	-1,332	-727	3,553
Austria	-148	-96	1,185	1	-12	227
Belgium	671	417	4,586	466	-526	832
Brazil	-15	3	13	-161	-76	821
Canada	...	...	...	...	...	...
Chile	-89	-90	125	-154	-399	991
Chinese Taipei	600	408	3,525	159	172	1,736
Denmark	-135	-21	371	-12	-69	252
Finland	184	60	2,984	94	-78	295
France	-2,209	3,428	22,253	19	1,677	16,051
Germany	524	754	24,326	193	62	1,638
Greece	2	-5	24	3	-2	222
Guernsey	-9	-47	381	45	-12	182
Hong Kong SAR	-571	1,083	17,874	-224	1,081	7,444
Ireland	-132	26	5,044	-525	79	2,885
Isle of Man	-1	-11	60	-27	5	289
Japan	4,959	755	45,439	1,917	2,202	5,981
Jersey	1	80	401	-40	-10	402
Korea	51	47	1,365	-60	-112	779
Luxembourg	-69	-16	5,225	-320	124	1,666
Macao SAR	51	-12	172	-4	-8	65
Mexico	-51	165	257	-54	-125	488
Netherlands	336	-111	8,064	-387	243	6,380
South Africa	-27	123	279	-10	-8	29
Spain	15	-28	1,299	-9	57	457
Sweden	-70	192	1,307	120	15	363
Switzerland	-81	-732	6,297	255	-548	2,995
United Kingdom	2,198	6,037	71,971	2,164	950	55,577
United States	9,824	972	184,867	23,513	-1,269	147,279

Counterparties resident in China

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	61,081	-669	752,988	17,101	43,284	662,166
By sector of counterparty						
Banks	45,666	6,309	464,506	1,064	38,133	440,647
Of which: intragroup	20,826	13,907	210,499	32,517	17,672	197,382
Non-banks	12,553	-5,684	276,959	16,021	8,855	220,126
Of which: non-bank financial	3,452	-2,864	26,427	8,528	443	26,917
Of which: non-financial	7,422	78	200,878	6,039	8,418	176,505
Unallocated	2,862	-1,293	11,524	15	-3,705	1,393
By currency						
US dollar	36,125	16,017	382,812	-3,925	13,793	349,398
Euro	11,742	7,888	49,028	7,057	455	35,567
Yen	2,306	-1,158	12,186	1,268	-4,191	11,038
Pound sterling	398	1,015	3,166	-5,074	8,488	25,549
Swiss franc	150	-118	1,125	34	81	1,360
Other currencies	12,356	-18,930	184,310	13,199	18,033	164,675
Unallocated	-1,996	-5,383	120,361	4,542	6,625	74,578
By instrument						
Loans and deposits	41,924	-8,534	531,741	7,271	41,595	577,676
By sector of counterparty						
Banks	37,398	-1,292	314,049	-4,020	36,314	364,352
Of which: intragroup	...	...	...	...	...	...
Non-banks	4,448	-7,079	217,526	11,329	9,022	212,434
Of which: non-bank financial	1,569	-793	16,376	3,914	294	21,993
Of which: non-financial	3,078	-6,347	145,472	6,140	8,777	174,401
Unallocated	78	-163	166	-38	-3,741	890
Debt securities	14,766	4,457	133,512	-709	244	2,790
Other instruments	4,385	3,411	87,735	10,540	1,410	81,555
Unallocated	7	-3	0	-2	35	146
By location of banking office						
Australia	5,474	1,015	43,751	-615	6,326	21,350
Austria	-78	55	1,389	-10	-3	192
Belgium	-88	106	823	-363	207	1,182
Brazil	-3	5	35	288	48	1,156
Canada	775	-1,799	4,505	1,245	-4,449	7,412
Chile	581	147	913	25	115	172
Chinese Taipei	-3,799	-2,124	55,783	2,499	2,506	7,955
Denmark	-42	-56	235	-113	-365	576
Finland	222	-304	358	\	\	\
France	6,828	3,282	32,492	8,351	-1,629	15,676
Germany	929	5,988	22,907	1,525	5,874	20,445
Greece	...	...	...	-3	2	16
Guernsey	1	0	11	-1	1	4
Hong Kong SAR	28,986	-11,118	308,500	10,459	38,836	300,887
Ireland	0	0	22	-58	-6	159
Isle of Man	-1	-2	10	342	8	477
Japan	1,790	4,349	50,719	-2,579	5,191	32,102
Jersey	2	-4	5	-6	2	122
Korea	4,796	3,819	39,519	1,839	3,935	23,877
Luxembourg	4,185	962	19,219	-4,198	3,072	13,154
Macao SAR	1,327	230	24,443	1,521	1,392	15,090
Mexico	12	35	81	49	-1	47
Netherlands	1,844	-583	6,943	\	\	\
South Africa	-358	205	445	357	380	2,175
Spain	-118	-405	2,225	-13	31	210
Sweden	212	-577	1,738	242	-407	461
Switzerland	350	145	2,834	131	757	2,469
United Kingdom	3,379	-1,834	45,253	-6,773	-1,937	74,572
United States	2,577	-2,663	24,044	2,020	-16,893	74,857

Counterparties resident in France

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	3,459	-19,253	1,602,455	29,990	-8,401	1,156,228
By sector of counterparty						
Banks	6,690	-4,516	1,076,119	21,384	6,614	951,825
Of which: intragroup	27,145	-3,354	298,958	26,586	-15,264	321,471
Non-banks	-4,718	-11,868	510,996	3,888	-12,216	160,107
Of which: non-bank financial	6,567	1,027	116,358	3,276	-3,170	61,606
Of which: non-financial	-9,013	-10,203	370,569	4,835	-3,712	85,149
Unallocated	1,487	-2,869	15,340	4,719	-2,800	44,297
By currency						
US dollar	32,675	-10,643	311,571	45,795	-10,216	301,729
Euro	-32,330	-13,985	1,108,296	-21,148	-12,312	688,147
Yen	1,689	-4,587	57,961	2,466	4,454	39,302
Pound sterling	2,391	3,372	50,662	3,497	1,258	41,937
Swiss franc	-77	-315	20,992	1,594	9,265	37,985
Other currencies	-2,609	6,687	28,972	-2,198	-427	25,362
Unallocated	1,721	218	24,001	-17	-422	21,767
By instrument						
Loans and deposits	13,956	-4,066	1,019,436	24,534	3,839	993,477
By sector of counterparty						
Banks	5,555	7,983	808,864	20,331	15,303	836,027
Of which: intragroup	...	...	...	...	...	...
Non-banks	8,416	-12,059	210,422	4,078	-12,057	154,054
Of which: non-bank financial	9,768	-1,462	82,349	3,274	-3,237	60,620
Of which: non-financial	-1,025	-8,283	109,026	5,018	-3,341	81,086
Unallocated	-15	10	150	125	593	3,395
Debt securities	-10,705	-4,429	423,530	772	-189	16,781
Other instruments	1,709	-11,117	143,784	4,411	-11,749	143,175
Unallocated	-1,501	359	15,705	274	-302	2,795
By location of banking office						
Australia	-1,629	2,564	23,984	-2,493	-963	7,536
Austria	1,221	-1,002	11,274	216	-584	2,904
Belgium	5,568	-17,862	63,154	3,714	6,360	62,188
Brazil	-293	-919	3,597	-551	-646	7,744
Canada	1,490	1,711	8,137	717	432	8,071
Chile	-148	91	809	-65	24	1,360
Chinese Taipei	1,343	823	8,992	682	-259	5,450
Denmark	-1,379	502	13,888	-1,251	784	6,970
Finland	573	-2,996	16,433	-2,580	-75	9,857
France	...	...	...	...	...	...
Germany	-8,260	-1,201	214,714	2,806	525	58,788
Greece	-9	-19	300	466	231	747
Guernsey	-354	219	1,256	9	-19	451
Hong Kong SAR	12,535	-7,264	53,223	3,395	-7,009	28,724
Ireland	-1,015	549	27,972	1,028	342	36,838
Isle of Man	8	-8	98	22	17	477
Japan	1,898	2,246	193,513	1,363	2,437	88,356
Jersey	-366	141	3,607	-143	-59	1,088
Korea	131	369	1,683	-745	721	6,376
Luxembourg	-8,332	2,675	103,703	-8,011	4,850	62,246
Macao SAR	-116	343	448	12	-230	524
Mexico	-31	173	299	-100	80	157
Netherlands	5,042	-7,897	104,483	2,395	-6,036	68,649
South Africa	-66	55	1,515	149	65	1,267
Spain	-1,127	-6,961	44,651	3,555	-10,533	94,849
Sweden	-264	19	4,831	305	-1,059	3,581
Switzerland	-2,244	880	57,758	1,130	7,825	60,180
United Kingdom	-3,692	15,750	424,214	-7,119	6,094	234,019
United States	11,184	8,317	94,058	34,786	-2,870	108,253

Counterparties resident in Germany

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	73,178	-4,277	1,391,486	50,425	-62,296	1,481,960
By sector of counterparty						
Banks	80,147	2,153	918,259	46,215	-48,694	982,035
Of which: intragroup	10,981	-15,978	227,396	5,509	-34,700	296,654
Non-banks	-8,358	-7,972	447,791	4,194	-14,872	307,362
Of which: non-bank financial	2,886	-1,112	101,158	-1,436	-8,567	94,817
Of which: non-financial	-11,203	-4,944	306,259	2,482	6,819	175,447
Unallocated	1,389	1,541	25,436	15	1,270	192,563
By currency						
US dollar	13,819	5,372	221,474	27,236	1,236	364,164
Euro	64,059	-24,336	1,038,212	17,875	-59,539	958,762
Yen	-3,775	822	14,983	-814	-1,493	21,550
Pound sterling	112	12,816	47,604	3,358	1,496	48,079
Swiss franc	-650	-1,393	24,553	-1,342	-3,283	28,115
Other currencies	-1,736	3	13,352	2,853	-270	32,872
Unallocated	1,348	2,438	31,308	1,259	-444	28,419
By instrument						
Loans and deposits	76,896	3,621	880,665	50,687	-59,771	1,203,759
By sector of counterparty						
Banks	79,088	4,659	687,583	46,547	-44,816	904,320
Of which: intragroup	...	...	...	...	...	...
Non-banks	-2,003	-119	192,896	3,777	-14,675	295,690
Of which: non-bank financial	2,784	-267	55,407	-1,545	-9,176	89,558
Of which: non-financial	-5,051	1,242	108,118	2,244	7,057	170,533
Unallocated	-190	-918	186	364	-280	3,749
Debt securities	-1,223	-11,238	349,129	-782	896	168,624
Other instruments	-2,932	3,448	158,154	520	-3,391	108,772
Unallocated	437	-108	3,538	-1	-30	806
By location of banking office						
Australia	-176	832	11,647	1,827	-595	17,747
Austria	-5,856	-3,537	46,106	1,604	-2,908	51,968
Belgium	2,659	-9,828	54,704	-3,999	-2,780	15,915
Brazil	-62	204	574	125	-166	787
Canada	2,269	2,010	8,757	187	-418	2,668
Chile	110	-147	291	139	-425	1,948
Chinese Taipei	24	-70	4,698	-92	-51	807
Denmark	6,829	6,363	37,761	-1,075	-2,284	17,581
Finland	-2,547	-3,407	19,770	-2,736	-4,763	21,563
France	-3,470	3,238	119,103	-496	408	254,352
Germany	...	...	...	...	...	...
Greece	-145	41	1,389	1,369	-453	6,033
Guernsey	2	-53	864	-3	-2	41
Hong Kong SAR	2,042	1,987	26,699	2,146	-484	13,638
Ireland	17	-276	18,668	-1,287	1,437	39,553
Isle of Man	101	-254	46	108	7	299
Japan	-4,573	-3,316	92,297	-168	-1,448	38,921
Jersey	76	22	516	24	63	499
Korea	-655	613	3,398	155	-909	4,693
Luxembourg	3,832	-31,913	108,177	5,473	-32,385	110,482
Macao SAR	-513	1,642	2,431	378	-469	90
Mexico	-87	-22	146	12	-178	434
Netherlands	352	-640	94,891	977	2,343	105,350
South Africa	-839	-99	1,230	-586	117	1,029
Spain	-874	-745	19,089	-5,845	-3,037	49,312
Sweden	-753	3,541	33,570	661	1,542	15,843
Switzerland	3,099	-558	51,678	-561	-3,083	46,768
United Kingdom	62,385	10,558	421,329	18,165	-18,436	306,928
United States	-696	4,645	53,134	8,370	-4,285	70,075

Counterparties resident in Hong Kong SAR

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	19,872	1,391	772,246	3,836	77,265	1,160,325
By sector of counterparty						
Banks	14,852	-1,223	487,547	-4,290	44,440	643,940
Of which: intragroup	19,461	2,320	268,527	-6,613	19,773	294,789
Non-banks	5,220	2,346	279,646	8,096	32,656	511,878
Of which: non-bank financial	11,742	-1,880	75,542	2,162	5,436	100,387
Of which: non-financial	-1,484	5,188	154,070	6,907	26,745	378,487
Unallocated	-199	268	5,053	30	169	4,507
By currency						
US dollar	-1,158	-7,230	453,773	-1,759	32,325	497,576
Euro	5,553	548	37,438	1,243	2,799	62,433
Yen	-881	-988	48,050	-4,539	2,705	60,356
Pound sterling	817	-258	6,198	-695	3,412	19,273
Swiss franc	1,084	-711	5,308	516	-396	5,846
Other currencies	5,322	6,479	66,083	3,678	-87	208,772
Unallocated	9,134	3,550	155,397	5,392	36,508	306,070
By instrument						
Loans and deposits	16,329	-190	604,176	5,007	29,220	744,931
By sector of counterparty						
Banks	13,765	-1,062	381,969	-3,490	27,966	509,832
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,764	863	222,034	8,439	1,245	234,875
Of which: non-bank financial	9,289	-2,110	39,182	-1,357	-1,763	28,958
Of which: non-financial	-2,970	2,670	129,057	9,047	2,377	173,720
Unallocated	-200	9	173	58	9	225
Debt securities	2,618	175	51,338	-594	10,304	105,953
Other instruments	833	1,426	116,384	-567	37,663	307,855
Unallocated	92	-20	348	-10	79	1,586
By location of banking office						
Australia	-12	-633	21,273	1,731	1,204	44,466
Austria	815	-425	649	68	328	453
Belgium	-26	-247	3,264	-395	626	4,270
Brazil	-3	0	4	-287	106	193
Canada	50	1,440	5,511	396	1,144	6,485
Chile	36	21	98	-58	16	41
Chinese Taipei	-4,122	-2,182	41,062	-1,036	4,545	44,744
Denmark	-10	-3	274	4	3	275
Finland	-51	54	91	1	-3	15
France	701	-2,249	25,191	6,373	-3,694	34,866
Germany	1,142	351	14,153	1,321	540	12,855
Greece	...	...	...	...	...	...
Guernsey	1	3	111	58	-19	241
Hong Kong SAR	...	...	...	...	...	...
Ireland	-4	18	129	13	34	131
Isle of Man	-7	-12	173	19	1	334
Japan	648	-3,436	102,383	-7,382	7,406	101,298
Jersey	33	16	557	-9	-219	1,373
Korea	-1,585	-122	17,667	-1,366	1,888	43,024
Luxembourg	-545	412	5,119	207	-2,328	4,748
Macao SAR	-1,366	-2,867	37,830	2,899	-3,490	36,350
Mexico	4	-3	2	0	0	0
Netherlands	5,037	-2,223	24,745	1,080	-182	12,013
South Africa	37	41	126	-128	-97	429
Spain	-2,219	-69	3,789	555	426	4,258
Sweden	-86	-120	616	-164	158	352
Switzerland	-1,233	845	23,630	-542	-1,761	18,458
United Kingdom	8,460	77	74,992	-1,450	11,527	92,562
United States	5,042	1,812	38,859	-8,299	8,405	64,123

Counterparties resident in India

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-6,745	965	183,322	2,265	12,729	79,730
By sector of counterparty						
Banks	-6,428	912	72,949	2,944	11,568	70,889
Of which: intragroup	-1,114	-491	13,672	706	7,637	19,428
Non-banks	29	-1,453	95,076	-692	1,183	8,810
Of which: non-bank financial	-507	820	5,391	-307	320	1,863
Of which: non-financial	-807	310	56,353	-336	801	5,053
Unallocated	-346	1,505	15,298	13	-21	32
By currency						
US dollar	-7,587	-2,293	133,858	2,533	12,657	62,155
Euro	-79	346	9,673	-409	-387	4,293
Yen	272	283	9,075	299	-9	1,096
Pound sterling	-36	-17	964	-402	5	3,121
Swiss franc	9	-21	545	36	21	191
Other currencies	-14	173	1,721	68	-24	5,011
Unallocated	690	2,494	27,486	141	467	3,864
By instrument						
Loans and deposits	-7,790	-1,099	139,331	982	13,977	75,847
By sector of counterparty						
Banks	-7,567	792	57,790	1,786	12,773	67,335
Of which: intragroup	...	...	...	...	...	...
Non-banks	-271	-2,234	80,727	-799	1,202	8,507
Of which: non-bank financial	-547	708	2,550	-320	300	1,810
Of which: non-financial	-613	-860	42,827	-421	849	4,882
Unallocated	47	343	814	-4	2	5
Debt securities	-1,052	2,482	32,563	68	-14	205
Other instruments	2,093	-416	11,428	1,212	-1,231	3,668
Unallocated	4	-2	0	2	-3	10
By location of banking office						
Australia	-16	14	2,192	26	-69	3,800
Austria	-21	10	102	-34	0	22
Belgium	-107	197	2,802	61	260	699
Brazil	...	...	...	-2	4	8
Canada	-266	-664	1,088	5	1	153
Chile	0	\	...	39	9	53
Chinese Taipei	424	193	2,606	9	134	195
Denmark	1	-8	26	1	10	36
Finland	-12	6	35	-1	-2	9
France	29	771	5,310	-28	-9	250
Germany	-333	412	9,501	-386	-17	1,636
Greece	...	...	...	...	...	...
Guernsey	-1	1	12	0	-2	13
Hong Kong SAR	-3,516	54	21,342	448	2,321	13,422
Ireland	4	18	41	28	-34	6
Isle of Man	0	0	10	-3	25	121
Japan	667	1,767	18,870	644	-194	2,502
Jersey	2,591	-443	2,677	-18	75	627
Korea	25	443	3,990	0	21	48
Luxembourg	-47	91	324	112	-102	31
Macao SAR	4	-24	59	0	0	1
Mexico	0	0	1	0	0	0
Netherlands	-21	-127	1,679	\	\	\
South Africa	-68	7	515	-49	-9	362
Spain	26	65	183	-1	0	18
Sweden	-43	-44	1,242	-6	-22	1,489
Switzerland	65	-35	1,932	1	152	501
United Kingdom	-2,654	-772	25,108	-982	1,464	21,134
United States	-2,617	766	18,770	-348	6,799	17,124

Counterparties resident in Indonesia

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	1,196	-279	107,151	939	343	20,670
By sector of counterparty						
Banks	724	1,174	33,392	1,047	-199	12,628
Of which: intragroup	308	580	15,271	418	-154	3,081
Non-banks	-22	-1,883	67,857	-111	543	8,031
Of which: non-bank financial	-77	-27	2,976	89	15	514
Of which: non-financial	665	-346	32,725	-143	666	6,088
Unallocated	494	430	5,902	3	-1	11
By currency						
US dollar	-989	-579	74,646	-29	-16	14,105
Euro	176	-212	4,558	407	165	1,377
Yen	677	93	9,576	-68	207	765
Pound sterling	114	4	588	69	51	402
Swiss franc	49	-18	457	-1	0	65
Other currencies	9	4	3,066	24	305	3,212
Unallocated	1,159	430	14,259	535	-368	744
By instrument						
Loans and deposits	-210	-741	84,166	1,518	388	19,112
By sector of counterparty						
Banks	611	798	26,958	1,635	-200	11,743
Of which: intragroup	...	...	...	...	...	...
Non-banks	-814	-1,558	57,169	-120	588	7,365
Of which: non-bank financial	-105	76	874	57	26	436
Of which: non-financial	-39	-535	22,666	-124	714	5,528
Unallocated	-7	19	39	2	0	4
Debt securities	800	378	17,040	4	37	543
Other instruments	606	84	5,944	-585	-70	956
Unallocated	0	0	1	2	-13	59
By location of banking office						
Australia	-66	-7	1,609	15	229	1,002
Austria	-43	42	905	1	-1	6
Belgium	-51	-157	487	-5	180	750
Brazil	...	...	...	0	0	1
Canada	\	\	\	14	-21	72
Chile	...	...	...	0	0	0
Chinese Taipei	-72	86	1,770	107	-72	315
Denmark	-2	-3	27	1	-2	12
Finland	0	\	\	0	0	4
France	-7	61	2,523	-161	21	90
Germany	-124	17	2,083	79	-71	532
Greece	...	...	...	...	...	...
Guernsey	0	0	1	0	-2	2
Hong Kong SAR	165	-93	5,832	84	-322	2,742
Ireland	-1	-1	3	1	-1	5
Isle of Man	0	-2	2	0	1	38
Japan	555	69	19,277	-81	233	1,131
Jersey	-8	-208	25	-4	-6	67
Korea	127	45	5,693	169	-8	195
Luxembourg	63	-12	237	28	-28	41
Macao SAR	0	0	214	3	0	4
Mexico	\	...	...	...	...	...
Netherlands	-83	-100	694	-94	\	\
South Africa	...	...	...	1	0	1
Spain	-1	-2	30	0	1	8
Sweden	\	\	\	0	0	3
Switzerland	8	-14	591	-2	70	365
United Kingdom	391	332	4,612	694	-28	1,201
United States	-152	200	2,322	951	-399	6,585

Counterparties resident in Italy

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-22,945	-40,105	553,562	-4,573	-20,809	263,620
By sector of counterparty						
Banks	-10,337	-31,073	306,799	309	-21,322	153,429
Of which: intragroup	-8,756	-15,723	175,750	9,743	-11,565	84,147
Non-banks	-11,502	-11,121	234,095	-4,803	1,464	67,929
Of which: non-bank financial	-3,067	-3,453	24,197	-305	-30	28,322
Of which: non-financial	-10,776	-10,626	161,906	-4,241	1,203	36,438
Unallocated	-1,106	2,089	12,668	-79	-952	42,262
By currency						
US dollar	274	-3,746	23,693	5,591	-3,900	50,084
Euro	-25,546	-36,509	515,899	-9,349	-17,667	194,517
Yen	130	-35	2,510	-115	54	2,494
Pound sterling	53	-170	2,990	-506	754	5,626
Swiss franc	174	-216	3,356	22	-102	5,063
Other currencies	-164	745	1,410	-244	-3	2,733
Unallocated	2,134	-175	3,705	28	54	3,102
By instrument						
Loans and deposits	-11,269	-28,913	302,053	-4,425	-19,720	211,636
By sector of counterparty						
Banks	-8,413	-27,243	256,042	355	-21,220	145,637
Of which: intragroup	...	...	...	...	...	...
Non-banks	-2,878	-1,624	45,976	-4,782	1,497	65,980
Of which: non-bank financial	-1,757	-2,443	12,650	-282	19	28,169
Of which: non-financial	-1,110	795	29,365	-4,249	1,181	34,655
Unallocated	22	-46	36	2	3	18
Debt securities	-10,373	-13,466	200,775	206	157	33,191
Other instruments	-1,319	2,278	50,694	-311	-1,212	18,450
Unallocated	16	-4	39	-42	-35	343
By location of banking office						
Australia	-375	554	729	-254	23	167
Austria	-159	-2,807	9,880	-23	-226	1,297
Belgium	-67	-217	11,277	276	-53	5,332
Brazil	5	-2	222	27	-4	61
Canada	-26	4	37	25	-10	130
Chile	-1	-4	40	-6	-16	27
Chinese Taipei	-16	14	308	2	-7	37
Denmark	-259	-486	884	-97	9	620
Finland	-81	-50	916	41	143	1,235
France	-6,453	-9,194	178,356	-1,134	-4,355	79,399
Germany	-6,995	-6,313	78,943	3,098	-2,832	19,885
Greece	2	25	188	1	2	40
Guernsey	-87	27	65	-8	8	26
Hong Kong SAR	-203	-103	807	338	-360	6,381
Ireland	-1,175	-4,103	34,762	1,811	-1,496	14,212
Isle of Man	0	0	15	2	15	106
Japan	1,157	-414	30,102	-218	-35	316
Jersey	-162	-7	212	9	-5	216
Korea	-49	-68	464	-19	0	26
Luxembourg	-474	-44	36,756	-2,179	8	11,525
Macao SAR	25	-25	0	0	-1	3
Mexico	-8	-29	52	7	-3	4
Netherlands	-1,959	-617	17,269	\	\	\
South Africa	1	0	4	-1	1	86
Spain	7,454	432	57,771	-5,671	625	8,575
Sweden	-21	2	448	7	23	125
Switzerland	461	-357	7,232	-365	-1,120	17,912
United Kingdom	-15,375	-11,776	70,232	-3,866	-7,596	57,916
United States	460	-1,597	5,369	4,222	-2,922	19,847

Counterparties resident in Japan

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	5,764	33,212	1,364,803	54,880	-6,977	833,348
By sector of counterparty						
Banks	5,324	-4,088	896,816	44,157	-19,513	577,479
Of which: intragroup	-6,119	4,276	512,403	37,993	2,556	299,058
Non-banks	-3,947	37,377	450,080	9,669	11,932	168,958
Of which: non-bank financial	8,869	30,754	280,172	-136	21,265	111,156
Of which: non-financial	-14,263	8,316	159,863	7,977	-8,012	46,995
Unallocated	4,387	-77	17,907	1,054	604	86,910
By currency						
US dollar	14,158	-8,463	625,879	47,052	3,759	430,253
Euro	4,086	6,384	110,963	10,766	-4,888	96,070
Yen	-21,916	38,095	585,114	-9,379	-2,599	232,022
Pound sterling	3,032	-746	9,824	4,122	-2,010	16,958
Swiss franc	30	-136	1,838	1,539	-1,746	4,780
Other currencies	4,544	-2,236	13,287	963	-731	33,975
Unallocated	1,831	315	17,898	-184	1,238	19,289
By instrument						
Loans and deposits	16,501	25,426	1,184,697	48,972	-1,303	682,373
By sector of counterparty						
Banks	2,843	-4,726	862,472	41,342	-14,337	524,831
Of which: intragroup	...	...	...	...	...	...
Non-banks	13,615	30,091	321,966	7,510	12,779	156,719
Of which: non-bank financial	9,537	28,486	267,103	-1,039	20,779	104,604
Of which: non-financial	2,034	2,374	48,803	8,124	-8,018	43,915
Unallocated	43	61	259	121	255	822
Debt securities	-7,872	11,571	133,905	-1,433	165	104,369
Other instruments	426	-3,121	46,183	7,353	-5,840	46,438
Unallocated	-3,291	-663	18	-13	1	167
By location of banking office						
Australia	-1,967	-1,891	12,370	859	-2,076	23,786
Austria	-32	-81	81	5	-2	362
Belgium	-2,659	6,414	15,843	-3,120	976	21,821
Brazil	-22	482	845	-641	419	3,790
Canada	-1,443	-53	14,710	1,079	142	4,186
Chile	56	-67	19	-151	-556	916
Chinese Taipei	4,883	-1,133	19,642	2,351	-246	9,082
Denmark	-129	-33	429	25	-37	292
Finland	-6	-26	147	-224	-53	1,405
France	-2,807	24,250	221,014	-1,044	12,391	135,747
Germany	-8,509	-776	13,568	-4,615	-519	6,867
Greece	1	-4	20	0	0	1
Guernsey	-100	-13	275	-1	-3	27
Hong Kong SAR	-18,155	27,730	176,725	-344	-2,527	93,739
Ireland	27	-1,321	3,295	24	-13	89
Isle of Man	0	5	71	-39	4	448
Japan	...	...	...	...	...	...
Jersey	33	1	72	-115	-12	285
Korea	293	569	6,746	-1,115	-1,236	12,183
Luxembourg	605	-1,474	5,448	73	-63	2,127
Macao SAR	-72	-495	2,868	-894	-183	115
Mexico	-90	110	172	-52	-27	954
Netherlands	-3,207	930	9,986	-783	12	8,073
South Africa	-103	227	340	103	51	180
Spain	-640	-51	609	0	321	715
Sweden	-388	-1,058	1,867	66	99	294
Switzerland	-721	1,023	4,631	1,327	-1,530	3,897
United Kingdom	13,309	-3,317	306,916	21,197	-15,816	127,020
United States	33,550	-19,173	437,745	40,474	7,009	191,462

Counterparties resident in South Korea

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	10,497	-1,569	188,449	2,124	9,057	140,664
By sector of counterparty						
Banks	10,348	-4,160	131,943	-2,696	8,824	99,318
Of which: intragroup	2,400	-15	67,448	-896	4,497	25,678
Non-banks	118	2,491	49,029	4,798	217	38,827
Of which: non-bank financial	399	225	12,116	1,681	-1,432	14,129
Of which: non-financial	-230	2,426	33,372	1,344	2,030	16,050
Unallocated	32	100	7,477	22	15	2,519
By currency						
US dollar	7,582	-3,855	123,820	2,957	6,961	96,790
Euro	471	-408	9,010	707	319	11,943
Yen	90	-160	7,066	-2,165	629	5,602
Pound sterling	-77	-9	490	540	-526	1,493
Swiss franc	-31	-2	1,072	-94	48	329
Other currencies	922	-1,512	7,492	-152	1,798	17,346
Unallocated	1,541	4,377	39,498	331	-172	7,162
By instrument						
Loans and deposits	10,403	-3,138	118,748	2,833	7,081	123,146
By sector of counterparty						
Banks	10,555	-3,780	106,759	-2,144	7,083	86,366
Of which: intragroup	...	...	...	...	...	...
Non-banks	-152	637	11,957	4,977	-4	36,768
Of which: non-bank financial	323	1,066	3,702	1,664	-1,592	13,450
Of which: non-financial	-383	-315	4,048	1,594	1,944	14,918
Unallocated	1	5	33	1	2	13
Debt securities	-781	177	48,072	487	404	6,233
Other instruments	877	1,400	21,629	-1,199	1,572	11,233
Unallocated	-3	-9	0	3	0	52
By location of banking office						
Australia	282	698	4,957	1,417	2,151	8,290
Austria	7	-1	171	-70	-28	12
Belgium	-78	62	178	111	425	1,629
Brazil	-39	84	176	3	-1	5
Canada	-309	-530	554	86	-24	401
Chile	-5	21	23	-1	3	9
Chinese Taipei	1,015	108	5,282	892	-1,195	1,006
Denmark	4	4	38	2	-6	14
Finland	3	\	\	9	-3	6
France	-712	854	10,500	896	-403	3,276
Germany	418	-403	4,703	-366	-291	1,674
Greece	...	...	...	...	...	...
Guernsey	4	-41	21	0	0	0
Hong Kong SAR	1,556	419	49,119	-93	-3,728	32,261
Ireland	-3	-145	165	3	-5	6
Isle of Man	0	0	5	-1	0	15
Japan	137	-471	33,000	-2,163	2,829	9,723
Jersey	2	-1	9	0	-7	47
Korea	...	...	...	...	...	...
Luxembourg	106	-292	1,092	855	-239	1,728
Macao SAR	-145	-160	506	113	-156	4,412
Mexico	2	77	95	1	21	22
Netherlands	-14	\	\	\	\	\
South Africa	...	...	...	22	-2	28
Spain	-5	-19	396	-91	215	431
Sweden	-107	19	268	6	11	32
Switzerland	-137	-155	2,180	42	549	3,401
United Kingdom	138	1,657	18,720	1,166	861	9,057
United States	4,939	-4,047	15,965	-2,607	3,173	22,173

Counterparties resident in Malaysia

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	1,781	-3,998	66,578	-814	-331	32,573
By sector of counterparty						
Banks	1,238	-2,096	40,540	-1,085	-1,400	15,307
Of which: intragroup	-229	930	5,201	93	-546	6,161
Non-banks	-864	-297	21,034	250	1,117	17,161
Of which: non-bank financial	-812	-54	2,892	330	429	2,420
Of which: non-financial	-233	-236	11,194	-167	790	12,919
Unallocated	1,407	-1,606	5,005	20	-47	105
By currency						
US dollar	1,222	-2,761	37,737	-611	-751	18,132
Euro	298	-196	2,245	203	-50	1,074
Yen	728	-104	6,186	60	30	800
Pound sterling	13	-331	1,777	51	-224	1,498
Swiss franc	63	-48	413	-4	-31	122
Other currencies	-170	381	2,561	-110	780	8,872
Unallocated	-373	-939	15,661	-404	-86	2,074
By instrument						
Loans and deposits	765	-3,052	45,363	-1,186	-974	28,140
By sector of counterparty						
Banks	1,365	-2,685	33,551	-1,415	-2,073	11,797
Of which: intragroup	...	...	...	...	...	...
Non-banks	-574	-371	11,788	225	1,099	16,331
Of which: non-bank financial	-906	-80	782	379	387	2,305
Of which: non-financial	-116	-279	3,782	-218	786	12,532
Unallocated	-26	3	24	4	1	12
Debt securities	1,217	-2,245	15,934	22	-61	649
Other instruments	-199	1,300	5,280	342	643	3,610
Unallocated	-2	-1	1	7	61	174
By location of banking office						
Australia	257	13	1,507	101	-77	1,374
Austria	-9	1	14	-1	0	5
Belgium	-103	83	267	198	4	1,228
Brazil	...	...	...	...	1	1
Canada	\	\	\	3	25	104
Chile	...	0	0	0	-1	0
Chinese Taipei	-62	50	1,616	-179	26	879
Denmark	2	-2	37	-2	4	33
Finland	0	0	1	0	0	1
France	-753	-339	1,471	-140	257	426
Germany	-11	-14	452	83	-207	226
Greece	...	...	...	...	...	...
Guernsey	-7	-8	7	-6	6	93
Hong Kong SAR	-550	1,134	10,567	-231	496	9,340
Ireland	0	1	111	1	1	49
Isle of Man	-2	-2	14	-2	5	134
Japan	472	69	6,596	441	-269	931
Jersey	-2	0	8	4	0	235
Korea	123	131	1,624	-194	292	871
Luxembourg	11	53	99	19	-8	74
Macao SAR	18	-24	47	1	2	23
Mexico	-5	2	3	...	...	...
Netherlands	-59	7	275	-226	43	445
South Africa	...	...	...	1	1	3
Spain	-17	-22	8	1	3	11
Sweden	-31	-50	3	17	-3	19
Switzerland	-10	42	369	-108	-132	915
United Kingdom	-545	-1,405	3,662	-956	349	3,909
United States	294	-523	677	-29	-1,007	5,129

Counterparties resident in Mexico

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	6,521	1,892	130,919	136	3,441	135,250
By sector of counterparty						
Banks	1,202	-1,007	24,337	1,904	6,139	76,188
Of which: intragroup	881	-1,030	8,674	-1,525	-298	5,041
Non-banks	5,103	2,950	106,316	-1,769	-2,705	58,910
Of which: non-bank financial	0	2,805	15,977	374	476	9,584
Of which: non-financial	2,670	950	58,372	-1,530	-540	44,067
Unallocated	217	-51	265	1	7	152
By currency						
US dollar	2,644	-1,917	81,001	-1,685	1,713	102,366
Euro	882	1,316	9,474	2,570	2,020	14,662
Yen	436	296	4,529	-838	-4	2,278
Pound sterling	-41	74	214	-508	-288	3,222
Swiss franc	18	13	752	-1	58	459
Other currencies	-136	-152	2,641	1,296	1,069	5,440
Unallocated	2,717	2,262	32,308	-697	-1,127	6,822
By instrument						
Loans and deposits	5,094	2,545	86,725	715	3,587	127,726
By sector of counterparty						
Banks	2,372	-938	19,769	1,793	3,900	72,141
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,722	3,475	66,943	-1,079	-312	55,584
Of which: non-bank financial	-71	2,155	12,314	295	470	7,586
Of which: non-financial	2,632	477	42,653	-1,573	-530	42,943
Unallocated	0	7	13	1	-2	1
Debt securities	-173	300	19,503	122	514	3,611
Other instruments	1,600	-935	24,690	-812	-616	2,848
Unallocated	0	-17	0	112	-44	1,065
By location of banking office						
Australia	-167	12	170	-52	5	70
Austria	1	-1	128	-4	-3	19
Belgium	-42	-103	294	231	-131	227
Brazil	-7	-4	22	-2	1	82
Canada	\	\	\	457	1,754	8,052
Chile	-80	153	281	-7	0	5
Chinese Taipei	-76	46	334	26	12	133
Denmark	1	-3	43	0	0	12
Finland	1	\	\	-1	0	3
France	279	-18	3,407	78	104	809
Germany	22	-147	2,419	-272	-52	812
Greece	...	...	...	...	...	...
Guernsey	-1	0	10	0	1	4
Hong Kong SAR	33	-385	765	-44	2	107
Ireland	25	112	845	48	-28	64
Isle of Man	0	0	2	0	1	37
Japan	560	-108	12,038	-126	-29	99
Jersey	3	1	4	2	0	53
Korea	67	403	2,562	26	-26	4
Luxembourg	31	-36	219	1	-72	220
Macao SAR	...	...	...	-1	-1	0
Mexico	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\
South Africa	0	0	5	1	-1	1
Spain	2,157	927	24,718	534	578	4,398
Sweden	4	18	632	\	\	\
Switzerland	-8	-36	3,773	-32	145	4,747
United Kingdom	394	938	5,384	835	702	7,242
United States	2,584	942	45,659	-3,675	2,102	85,698

Counterparties resident in Netherlands

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	24,116	-3,051	1,030,238	23,399	-18,157	643,312
By sector of counterparty						
Banks	26,324	-22,422	504,048	9,336	-14,771	326,392
Of which: intragroup	9,986	-15,261	197,514	18,040	-554	134,533
Non-banks	-1,612	18,941	522,165	14,306	-2,549	235,608
Of which: non-bank financial	2,100	13,490	221,711	9,406	-4,814	110,713
Of which: non-financial	-2,531	3,953	257,303	3,726	5,470	107,485
Unallocated	-596	430	4,025	-243	-837	81,312
By currency						
US dollar	3,336	-1,134	234,577	8,256	-19,558	233,422
Euro	32,730	-782	707,959	16,110	317	315,287
Yen	-2,049	-401	16,504	647	1,806	13,030
Pound sterling	-10,011	1,364	39,155	-3,236	-769	35,909
Swiss franc	-1,814	-816	7,478	655	-742	8,546
Other currencies	395	628	12,538	984	1,723	24,644
Unallocated	1,530	-1,910	12,027	-16	-933	12,474
By instrument						
Loans and deposits	25,094	9,406	661,278	19,223	-15,389	503,453
By sector of counterparty						
Banks	24,005	-15,617	348,245	6,406	-12,105	283,229
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,276	24,956	312,652	13,304	-2,593	219,444
Of which: non-bank financial	1,789	18,405	120,398	8,398	-4,787	103,941
Of which: non-financial	1,254	4,628	169,213	3,875	5,306	98,553
Unallocated	-187	67	380	-488	-691	780
Debt securities	-2,602	-10,513	277,327	715	-385	75,347
Other instruments	587	-2,146	82,366	3,689	-2,294	63,691
Unallocated	1,037	201	9,267	-227	-88	820
By location of banking office						
Australia	-205	-1,798	6,482	436	-280	5,680
Austria	-85	-176	7,982	222	-93	2,970
Belgium	2,213	-6,255	92,147	6,123	-4,481	66,833
Brazil	108	6	422	377	-2,904	2,268
Canada	147	51	5,003	360	\	\
Chile	27	27	58	-2	-45	1,188
Chinese Taipei	-470	313	5,211	-255	253	1,788
Denmark	-48	-282	3,436	-1,406	571	3,932
Finland	261	-1,172	6,560	-853	203	5,504
France	-6,653	8,557	100,026	4,289	-978	107,726
Germany	3,463	400	167,544	444	1,872	45,953
Greece	-17	-10	1,580	232	20	511
Guernsey	861	329	6,002	148	11	982
Hong Kong SAR	533	-368	11,930	5,888	-2,651	22,245
Ireland	2,392	181	23,048	-5,008	569	27,158
Isle of Man	1,144	-1,798	42	-5	-34	90
Japan	-2,969	506	66,977	-244	1,688	4,141
Jersey	-1,191	133	1,438	-70	-73	168
Korea	-208	-31	676	-413	-768	107
Luxembourg	37	-812	27,372	1,252	-955	6,685
Macao SAR	0	59	274	3	23	93
Mexico	-5	-42	40	38	28	87
Netherlands	...	...	...	...	...	...
South Africa	70	194	1,201	6	-81	280
Spain	134	1,892	35,591	2,115	-805	11,945
Sweden	938	120	7,144	-201	327	2,496
Switzerland	-14	-1,304	21,747	-235	205	10,532
United Kingdom	27,620	-936	302,450	1,827	-2,246	187,429
United States	304	-1,436	54,145	3,705	-2,563	39,478

Counterparties resident in Poland

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	1,684	2,322	101,610	11,325	998	37,044
By sector of counterparty						
Banks	2,953	967	59,004	11,616	447	29,688
Of which: intragroup	-1,342	149	20,345	261	-96	1,756
Non-banks	-1,097	1,329	41,506	-249	570	7,285
Of which: non-bank financial	197	263	4,304	-301	126	892
Of which: non-financial	-1,153	1,040	30,092	16	471	6,087
Unallocated	-171	26	1,100	-42	-19	71
By currency						
US dollar	4,284	1,519	15,931	5,866	1,232	14,296
Euro	-790	151	38,794	4,128	708	12,445
Yen	17	-75	2,205	1	26	66
Pound sterling	786	-149	838	1,229	-181	1,169
Swiss franc	-162	-361	11,806	132	-172	247
Other currencies	-408	481	2,329	510	-221	1,772
Unallocated	-2,043	755	29,707	-542	-395	7,049
By instrument						
Loans and deposits	3,184	1,893	60,060	11,410	989	36,286
By sector of counterparty						
Banks	3,843	1,303	38,583	11,616	501	29,352
Of which: intragroup	...	...	...	...	...	...
Non-banks	-614	571	21,425	-207	484	6,926
Of which: non-bank financial	160	222	3,488	-316	102	835
Of which: non-financial	-764	478	14,322	73	410	5,787
Unallocated	-45	19	52	1	4	7
Debt securities	-376	653	19,510	-5	8	12
Other instruments	-1,123	-225	22,037	-56	-82	423
Unallocated	0	0	2	-25	83	323
By location of banking office						
Australia	-15	-7	35	2	0	25
Austria	-518	-538	9,569	-151	-257	294
Belgium	54	73	2,324	570	-68	1,604
Brazil	...	...	...	...	...	...
Canada	-1	15	19	-1	2	22
Chile	0	0	0	0	0	0
Chinese Taipei	26	5	46	1	0	7
Denmark	-437	42	547	18	-179	596
Finland	175	99	569	\	\	\
France	-1,551	1,059	11,669	1,303	90	2,406
Germany	261	-130	24,558	841	-1,008	2,165
Greece	10	-3	138	-2	-9	1
Guernsey	0	0	3	0	2	4
Hong Kong SAR	-1	6	53	333	-282	179
Ireland	-69	-112	1,855	-17	13	235
Isle of Man	0	0	1	0	1	21
Japan	441	-75	3,710	4	16	45
Jersey	4	-1	6	1	0	33
Korea	-41	44	218	-1	-1	2
Luxembourg	-72	-42	2,699	84	-8	346
Macao SAR	...	...	...	0	0	0
Mexico	...	...	...	0	0	0
Netherlands	-393	338	5,521	-216	\	\
South Africa	-2	-62	1	0	0	2
Spain	-141	100	5,923	129	112	1,222
Sweden	-232	-120	5,413	-222	248	762
Switzerland	-38	-108	617	71	-276	1,707
United Kingdom	5,466	-188	11,608	7,792	-299	13,392
United States	-945	1,914	6,261	-26	2,067	6,395

Counterparties resident in Russia

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-5,290	-4,945	97,774	-975	2,346	113,989
By sector of counterparty						
Banks	-2,197	-2,031	36,951	-375	-1,416	71,796
Of which: intragroup	-65	-152	12,266	-4,152	-410	8,076
Non-banks	-2,712	-2,875	59,602	-351	3,864	41,144
Of which: non-bank financial	-374	-182	4,140	1,688	-1,749	3,911
Of which: non-financial	-2,268	-2,388	48,728	-2,011	5,921	33,869
Unallocated	-381	-40	1,221	-249	-102	1,048
By currency						
US dollar	-6,233	-5,984	57,539	-12,529	7,570	71,365
Euro	-382	720	21,101	11,151	-7,267	30,920
Yen	26	-10	423	-40	-14	238
Pound sterling	-67	29	737	-748	3,017	5,267
Swiss franc	-133	-19	701	-17	-680	1,616
Other currencies	49	128	2,817	186	-62	984
Unallocated	1,449	191	14,455	1,022	-218	3,598
By instrument						
Loans and deposits	-5,318	-4,877	81,473	-313	1,889	110,088
By sector of counterparty						
Banks	-2,238	-2,323	25,817	-438	-1,409	71,088
Of which: intragroup	...	...	...	...	...	...
Non-banks	-3,079	-2,560	55,646	120	3,301	38,776
Of which: non-bank financial	-289	-227	3,604	1,699	-1,745	3,904
Of which: non-financial	-2,667	-2,176	44,931	-1,551	5,354	31,508
Unallocated	0	6	10	4	-3	223
Debt securities	114	-515	3,591	-8	-6	59
Other instruments	108	466	12,630	-207	-118	1,166
Unallocated	-195	-19	80	-446	581	2,677
By location of banking office						
Australia	0	0	6	-7	-8	39
Austria	-239	-232	7,972	-997	-666	6,374
Belgium	-657	-746	2,467	-5,592	7,430	8,753
Brazil	...	...	...	...	...	...
Canada	-1	0	6	4	14	79
Chile	...	...	...	0	-1	0
Chinese Taipei	-42	-8	537	3	0	7
Denmark	58	16	140	620	1,988	7,336
Finland	-1	-172	269	\	-3,036	1,846
France	-204	-562	10,720	727	-4,791	5,673
Germany	-556	-323	8,512	-805	-2,645	5,738
Greece	-3	-2	90	1	2	43
Guernsey	-6	2	17	-39	25	102
Hong Kong SAR	-16	34	166	-145	3,177	3,989
Ireland	3	-80	941	2	3	12
Isle of Man	-2	-1	13	-3	9	98
Japan	53	44	2,644	21	-33	170
Jersey	163	-1	206	35	15	216
Korea	-243	28	968	21	-10	269
Luxembourg	-712	-136	2,088	-348	-189	909
Macao SAR	-40	0	5	0	0	1
Mexico	5	-3	3	...	...	...
Netherlands	-511	-612	5,124	-827	1,345	3,480
South Africa	...	...	...	0	-1	3
Spain	-220	-158	1,282	72	-1,075	1,097
Sweden	\	\	\	\	\	\
Switzerland	-125	-462	2,879	-194	-1,807	15,902
United Kingdom	-1,013	-1,991	14,740	6,600	-468	22,053
United States	-80	-34	149	-2,081	2,736	14,024

Counterparties resident in Saudi Arabia

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	8,741	5,036	95,747	-1,822	-14,385	206,121
By sector of counterparty						
Banks	-120	3,433	34,767	-2,654	-20,621	146,949
Of which: intragroup	201	883	4,698	228	-36	587
Non-banks	10,627	1,584	58,439	1,026	6,237	59,021
Of which: non-bank financial	3,139	2,184	9,604	1,912	3,073	14,987
Of which: non-financial	6,808	-39	35,402	-1,252	2,462	31,397
Unallocated	-1,766	18	2,541	-194	-1	151
By currency						
US dollar	10,876	5,032	68,123	-761	-19,148	167,243
Euro	-1,326	-578	5,370	-1,158	3,938	13,523
Yen	-92	5	689	-785	246	1,176
Pound sterling	125	-83	1,560	-150	377	9,949
Swiss franc	21	-32	414	53	-13	383
Other currencies	-11	64	789	361	359	5,475
Unallocated	-853	628	18,803	616	-144	8,372
By instrument						
Loans and deposits	10,191	4,809	88,034	-1,809	-14,791	196,125
By sector of counterparty						
Banks	-170	3,452	30,689	-2,760	-20,088	145,779
Of which: intragroup	...	...	...	...	...	...
Non-banks	10,362	1,367	57,292	1,124	5,298	50,346
Of which: non-bank financial	3,042	2,173	9,299	1,827	2,854	14,203
Of which: non-financial	6,701	-541	33,670	-1,098	1,725	23,616
Unallocated	-2	-10	53	-173	-1	0
Debt securities	270	143	1,147	-9	-401	454
Other instruments	-1,712	87	6,566	62	-57	1,051
Unallocated	-7	-3	0	-66	864	8,491
By location of banking office						
Australia	-1	212	236	-200	101	1,936
Austria	-192	27	104	122	-40	910
Belgium	201	40	2,740	1,498	70	7,643
Brazil	...	...	...	...	...	...
Canada	-30	-2	37	12	-76	361
Chile	-1	1	3	0	0	0
Chinese Taipei	146	-47	148	-26	47	245
Denmark	-8	-9	31	-960	1	2,101
Finland	\	\	\	\	\	\
France	-3,482	-1,719	9,868	273	-6,917	19,238
Germany	-377	174	2,603	-195	1,641	4,009
Greece	...	...	...	...	...	...
Guernsey	-1	-1	82	-10	11	196
Hong Kong SAR	1,683	289	2,996	169	-478	2,652
Ireland	-1	3	23	406	-264	330
Isle of Man	-1	0	16	13	13	185
Japan	68	355	2,283	9	-85	248
Jersey	-6	7	88	14	4	249
Korea	392	6	4,803	-1	-69	12
Luxembourg	958	682	4,696	444	1,647	3,533
Macao SAR	75	0	75	0	0	1
Mexico	...	...	...	...	...	...
Netherlands	196	\	\	\	\	\
South Africa	2	-3	54	4	196	448
Spain	107	44	473	-2,052	-951	7,907
Sweden	128	-21	489	479	-1,567	2,009
Switzerland	123	96	3,891	-1,181	1,539	16,674
United Kingdom	6,049	3,167	30,847	1,392	-8,963	81,278
United States	891	1,117	5,017	-1,788	-941	13,237

Counterparties resident in Singapore

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	2,273	1,370	595,744	3,960	9,073	594,862
By sector of counterparty						
Banks	-2,324	-1,178	477,676	6,698	2,220	448,036
Of which: intragroup	-2,597	-2,375	314,933	-4,890	15,274	258,462
Non-banks	4,001	2,603	116,850	-3,329	7,171	144,743
Of which: non-bank financial	-998	2,234	22,559	1,434	1,115	32,908
Of which: non-financial	2,191	2,045	76,936	-6,580	6,846	98,668
Unallocated	596	-55	1,218	591	-318	2,083
By currency						
US dollar	-4,021	519	399,831	-966	11,939	369,700
Euro	1,384	228	28,991	7,906	-2,715	50,709
Yen	1,797	-3,406	58,657	-4,063	6,358	33,659
Pound sterling	549	-817	5,969	3,269	-1,512	15,415
Swiss franc	33	-447	3,195	-227	-539	3,125
Other currencies	-115	4,757	35,425	-4,954	-947	78,510
Unallocated	2,645	537	63,678	2,994	-3,512	43,744
By instrument						
Loans and deposits	-3,648	2,055	517,037	117	10,899	496,450
By sector of counterparty						
Banks	-6,914	-334	423,329	3,353	4,487	390,323
Of which: intragroup	...	...	...	...	...	...
Non-banks	3,079	2,422	93,496	-3,642	6,476	105,628
Of which: non-bank financial	-494	2,232	14,304	-953	914	26,241
Of which: non-financial	1,522	964	62,577	-4,006	5,545	69,000
Unallocated	187	-33	212	406	-64	500
Debt securities	3,930	54	34,226	3,165	-2,162	33,062
Other instruments	2,440	-811	41,742	915	268	62,156
Unallocated	-450	73	2,739	-237	67	3,194
By location of banking office						
Australia	260	-860	28,482	1,239	1,661	28,739
Austria	-5	-203	617	0	-54	157
Belgium	78	278	1,365	-3,290	-570	2,011
Brazil	0	\	...	-36	-36	2
Canada	-1,576	-2,405	3,257	-223	-44	2,590
Chile	16	0	17	-1	-2	77
Chinese Taipei	891	579	16,128	791	-1,149	22,452
Denmark	52	23	1,959	39	119	2,303
Finland	\	\	\	\	\	\
France	-1,924	2,487	22,022	4,762	-2,985	16,040
Germany	395	1,951	22,746	2,283	2,201	11,571
Greece	...	...	...	...	...	...
Guernsey	-11	-7	174	-76	-157	246
Hong Kong SAR	-3,094	6,250	84,879	-53	467	95,888
Ireland	338	-238	624	7	35	127
Isle of Man	-3	2	111	14	36	267
Japan	3,550	-6,557	145,785	-3,671	2,025	77,646
Jersey	116	22	686	33	-62	681
Korea	1,108	-59	7,269	2,876	-360	15,679
Luxembourg	-761	-376	6,113	-199	-1,620	8,535
Macao SAR	-497	2,492	5,821	-222	-68	279
Mexico	0	0	0	-7	190	183
Netherlands	3,276	-1,599	42,202	88	1,078	18,667
South Africa	104	11	281	82	-113	183
Spain	92	-92	778	-54	-4	65
Sweden	\	\	\	-37	331	2,721
Switzerland	1,349	507	22,690	21	-12	18,049
United Kingdom	74	1,776	74,378	-826	9,771	66,715
United States	1,158	-2,969	38,559	78	4,205	48,492

Counterparties resident in South Africa

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	981	3,787	50,243	-3,176	1,325	41,429
By sector of counterparty						
Banks	-668	2,814	22,758	-1,258	499	24,826
Of which: intragroup	-327	2,157	10,810	-2	903	5,786
Non-banks	1,427	931	27,182	-1,980	821	16,435
Of which: non-bank financial	-814	1,480	7,763	-1,902	478	3,547
Of which: non-financial	2,085	-668	18,344	-64	227	10,503
Unallocated	222	41	303	63	5	168
By currency						
US dollar	-902	1,417	18,029	-2,390	438	25,304
Euro	644	952	6,977	-238	484	5,058
Yen	6	34	158	63	103	266
Pound sterling	817	-40	3,543	714	427	5,637
Swiss franc	45	-119	157	-157	15	424
Other currencies	-30	213	867	-165	116	1,329
Unallocated	401	1,329	20,512	-1,002	-259	3,410
By instrument						
Loans and deposits	-472	4,152	38,035	-3,108	1,401	40,511
By sector of counterparty						
Banks	-791	2,406	17,549	-1,176	550	24,227
Of which: intragroup	...	...	...	...	...	...
Non-banks	312	1,736	20,448	-1,975	832	16,170
Of which: non-bank financial	-706	1,386	6,817	-1,894	479	3,468
Of which: non-financial	747	334	12,590	-66	236	10,318
Unallocated	7	9	39	44	19	113
Debt securities	168	283	6,018	4	1	99
Other instruments	1,282	-643	6,183	-90	-68	695
Unallocated	2	-5	7	18	-9	125
By location of banking office						
Australia	80	-4	269	-3	-5	334
Austria	82	83	288	5	5	105
Belgium	36	180	501	121	652	1,830
Brazil	...	...	...	...	...	...
Canada	-10	8	33	\	\	\
Chile	0	1	1	-2	0	0
Chinese Taipei	224	37	1,012	33	-105	42
Denmark	-5	27	197	-3	58	340
Finland	-3	4	17	\	\	\
France	348	-54	2,891	-34	825	1,584
Germany	-220	508	3,003	-452	-346	1,523
Greece	...	...	...	...	...	...
Guernsey	46	29	179	-12	18	335
Hong Kong SAR	15	107	768	-44	42	427
Ireland	7	1	61	-37	-3	58
Isle of Man	-523	1,151	4,491	-504	1,102	6,571
Japan	444	129	4,662	-6	71	108
Jersey	112	-7	97	28	-11	1,508
Korea	-18	-121	271	96	-31	81
Luxembourg	9	257	630	-1	21	136
Macao SAR	120	-129	200	-1	98	126
Mexico	0	0	0	0	0	0
Netherlands	63	-93	541	323	246	1,565
South Africa	...	...	...	...	...	...
Spain	-70	17	238	4	3	54
Sweden	-3	5	55	2	4	16
Switzerland	120	-74	691	-112	-53	1,986
United Kingdom	200	511	19,484	-2,275	-2,184	14,398
United States	-145	487	886	-444	-3	3,438

Counterparties resident in Spain

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-14,219	-20,039	417,803	11,753	255	186,062
By sector of counterparty						
Banks	-10,523	-12,984	212,127	10,750	-2,503	128,073
Of which: intragroup	-2,715	-47	86,981	6,562	-1,026	59,076
Non-banks	-4,044	-7,573	203,309	927	2,176	42,122
Of which: non-bank financial	-4,515	-2,027	48,573	1,397	440	7,975
Of which: non-financial	-616	-5,399	146,741	-672	1,810	32,254
Unallocated	348	519	2,367	76	582	15,867
By currency						
US dollar	-1,243	585	37,282	3,108	3,277	49,177
Euro	-12,424	-20,325	371,346	8,263	-3,972	121,594
Yen	-417	10	1,124	0	71	948
Pound sterling	-185	-475	3,783	-327	1,393	5,483
Swiss franc	-68	200	1,543	226	90	1,981
Other currencies	81	-162	724	453	-508	4,894
Unallocated	37	127	2,000	30	-97	1,985
By instrument						
Loans and deposits	-13,636	-13,108	228,686	11,201	1,038	157,833
By sector of counterparty						
Banks	-10,119	-10,246	165,578	10,597	-1,706	116,566
Of which: intragroup	...	...	...	...	...	...
Non-banks	-3,515	-2,875	63,019	621	2,295	40,808
Of which: non-bank financial	-1,717	-1,089	12,001	1,383	456	7,795
Of which: non-financial	-1,720	-1,940	48,890	-800	1,871	31,435
Unallocated	-3	13	88	-16	449	459
Debt securities	-2,559	-6,939	159,424	170	69	11,633
Other instruments	1,840	157	29,608	408	-843	16,279
Unallocated	136	-149	86	-27	-8	317
By location of banking office						
Australia	-44	-123	316	41	-43	229
Austria	839	-460	8,699	304	-246	675
Belgium	-294	-998	12,847	-649	-476	5,951
Brazil	-1,347	195	5,523	85	487	7,108
Canada	-51	20	201	-64	402	609
Chile	-364	179	1,378	-457	249	865
Chinese Taipei	690	698	1,598	19	1	77
Denmark	5	384	2,513	18	-171	1,464
Finland	-13	-574	663	\	-541	756
France	-3,220	-3,436	118,102	-522	2,243	38,666
Germany	-7,510	-3,234	81,227	-130	-432	7,535
Greece	-3	-2	69	2	-5	7
Guernsey	0	-7	79	-10	-42	57
Hong Kong SAR	530	557	4,769	-600	-212	3,651
Ireland	-938	-824	10,211	177	-285	1,850
Isle of Man	-6	2	59	-4	12	308
Japan	879	750	19,632	-79	9	201
Jersey	5	0	22	-75	14	481
Korea	-83	302	740	26	-6	211
Luxembourg	-128	-524	11,119	103	247	3,165
Macao SAR	-10	0	28	-7	-22	74
Mexico	439	526	1,443	-39	14	68
Netherlands	836	-1,395	16,431	\	\	\
South Africa	0	-13	32	-6	-1	27
Spain	...	...	...	...	...	...
Sweden	-16	-146	1,776	23	-36	206
Switzerland	-24	-638	5,373	-433	417	9,535
United Kingdom	1,932	-6,461	52,562	3,072	-834	31,179
United States	-781	1,549	6,451	2,016	2,061	18,709

Counterparties resident in Sweden

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-154	5,224	341,371	-19,868	5,579	270,357
By sector of counterparty						
Banks	1,460	9,462	248,670	-15,712	8,274	224,139
Of which: intragroup	6,085	5,286	107,269	-8,189	3,433	175,181
Non-banks	-2,398	-1,831	90,275	-5,631	1,349	32,974
Of which: non-bank financial	-2,593	-870	21,538	-1,804	1,810	13,417
Of which: non-financial	149	-778	66,930	-3,872	-193	18,778
Unallocated	785	-2,407	2,426	1,475	-4,043	13,244
By currency						
US dollar	8,960	1,446	84,286	-4,661	1,504	54,053
Euro	-6,048	-166	111,137	-11,262	12,695	111,513
Yen	-281	-420	6,135	-108	-2	1,041
Pound sterling	-576	4,934	15,293	742	-3,069	13,156
Swiss franc	-997	273	3,023	714	-709	1,311
Other currencies	878	-1,731	48,820	-5,061	-167	51,982
Unallocated	-2,088	888	72,677	-231	-4,672	37,301
By instrument						
Loans and deposits	713	9,100	216,833	-20,294	11,362	233,320
By sector of counterparty						
Banks	2,859	10,612	165,848	-15,813	10,676	204,739
Of which: intragroup	...	...	...	...	...	...
Non-banks	-2,146	-1,515	50,975	-4,482	689	28,578
Of which: non-bank financial	-2,368	-416	12,303	-1,173	863	10,736
Of which: non-financial	-32	-860	37,451	-3,391	99	17,126
Unallocated	0	2	11	1	-3	4
Debt securities	-843	-508	96,060	-85	-152	6,852
Other instruments	-98	-3,358	28,411	638	-5,517	30,135
Unallocated	74	-9	67	-127	-113	51
By location of banking office						
Australia	-68	12	443	41	-261	160
Austria	-8	91	1,607	-7	-3	141
Belgium	369	-336	2,620	-433	393	1,873
Brazil	5	-6	3	-43	1	23
Canada	\	\	\	-2	\	\
Chile	6	-3	4	0	0	0
Chinese Taipei	95	62	655	-17	42	77
Denmark	-2,720	-40	58,530	-6,591	-1,590	35,680
Finland	-5,202	-1,740	42,407	-9,869	491	94,162
France	653	1,840	13,171	-478	679	5,152
Germany	-687	638	37,579	-505	3,275	18,397
Greece	8	0	21	-1	1	18
Guernsey	-59	-5	264	0	-2	14
Hong Kong SAR	-718	38	1,489	44	-87	403
Ireland	80	293	2,302	-30	7	120
Isle of Man	-18	0	16	0	1	30
Japan	335	-11	22,058	42	-34	89
Jersey	14	-32	108	3	-5	65
Korea	-16	92	190	-24	3	14
Luxembourg	655	-1,337	10,743	-92	-262	2,441
Macao SAR	0	3	9	0	0	0
Mexico	3	-3	6	0	-1	0
Netherlands	179	-11	9,248	765	-157	6,767
South Africa	7	-2	18	10	-10	11
Spain	-6	25	698	-218	-69	258
Sweden	...	...	...	...	...	...
Switzerland	-328	-851	5,213	-205	-218	1,895
United Kingdom	1,345	5,370	47,947	2,211	3,994	30,810
United States	8,414	2,943	32,134	770	-913	2,829

Counterparties resident in Switzerland

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	38,950	18,704	596,414	48,538	18,524	653,370
By sector of counterparty						
Banks	40,228	13,374	439,058	31,047	16,555	459,782
Of which: intragroup	6,645	7,977	134,118	4,826	12,112	129,157
Non-banks	-1,516	6,108	153,459	14,996	-230	152,929
Of which: non-bank financial	-3,977	868	24,566	4,955	-1,708	30,454
Of which: non-financial	2,329	4,880	116,979	8,893	2,412	106,286
Unallocated	238	-778	3,897	2,495	2,199	40,659
By currency						
US dollar	11,992	21,594	253,131	16,964	23,122	307,202
Euro	3,517	5,270	93,415	20,899	5,888	201,309
Yen	-462	-691	6,439	3,166	-586	19,011
Pound sterling	-2,220	3,552	20,488	6,542	-7,317	49,901
Swiss franc	25,479	-8,681	204,746	-1,842	-2,386	39,763
Other currencies	-797	-710	5,388	1,117	-2,203	15,732
Unallocated	1,442	-1,631	12,806	1,692	2,007	20,452
By instrument						
Loans and deposits	42,080	17,894	525,131	45,790	21,051	574,610
By sector of counterparty						
Banks	41,498	14,457	406,618	28,459	20,107	421,782
Of which: intragroup	...	...	...	...	...	...
Non-banks	155	3,610	117,761	15,786	-188	148,812
Of which: non-bank financial	-2,217	-100	15,879	4,917	-1,568	29,329
Of which: non-financial	2,382	3,337	91,378	9,636	2,497	104,351
Unallocated	428	-173	753	1,545	1,132	4,017
Debt securities	-2,710	2,612	40,998	-52	147	47,330
Other instruments	-593	-1,730	30,281	2,801	-2,674	31,429
Unallocated	173	-72	3	-1	1	1
By location of banking office						
Australia	571	-559	2,669	729	-1,201	7,579
Austria	1,107	-1,663	6,315	-239	426	3,533
Belgium	2,387	-378	13,616	1,140	703	10,289
Brazil	1	11	59	-27	22	99
Canada	-59	284	2,163	2,022	1,745	5,794
Chile	155	-62	233	40	149	2,113
Chinese Taipei	176	-188	3,505	-261	-69	1,809
Denmark	105	-676	3,080	548	-392	8,094
Finland	-140	-245	594	3,526	-1,621	10,120
France	1,391	10,759	68,669	2,869	3,658	92,201
Germany	1,871	-802	67,063	4,487	-7,416	49,475
Greece	7	1	139	-7	3	61
Guernsey	1,414	829	17,567	405	127	47,595
Hong Kong SAR	1,337	-635	11,907	962	-1,796	11,413
Ireland	-48	112	2,335	-75	-22	2,683
Isle of Man	-261	7	124	-7	-21	293
Japan	-1,171	-1,173	24,685	-185	-564	6,965
Jersey	877	254	3,779	-256	1,465	16,763
Korea	-742	592	1,401	-251	-292	1,694
Luxembourg	21	549	32,562	-238	1,087	45,211
Macao SAR	1	0	4	-22	-62	117
Mexico	23	85	111	4	10	50
Netherlands	6,671	-11,895	23,458	2,084	1,520	30,436
South Africa	-288	52	598	-101	-34	382
Spain	97	464	6,521	514	-218	5,063
Sweden	-52	-3	1,831	55	198	2,952
Switzerland	...	...	...	...	...	...
United Kingdom	19,788	15,061	200,131	26,528	-1,681	170,327
United States	4,281	8,678	59,140	2,398	24,161	50,906

Counterparties resident in Thailand

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	2,984	-3,088	70,702	1,161	80	38,349
By sector of counterparty						
Banks	3,024	-2,888	47,147	-151	-713	20,804
Of which: intragroup	-102	-21	15,439	-119	-77	9,066
Non-banks	6	-516	20,996	1,463	815	17,426
Of which: non-bank financial	-727	-58	3,771	1,546	589	4,100
Of which: non-financial	483	127	9,234	-125	387	11,837
Unallocated	-47	316	2,560	-152	-23	119
By currency						
US dollar	834	-2,017	44,745	426	534	23,201
Euro	-16	-215	1,797	33	138	2,284
Yen	737	-407	4,444	-207	40	2,101
Pound sterling	35	-46	400	327	89	2,437
Swiss franc	60	-9	400	7	19	487
Other currencies	160	-294	616	536	-267	5,102
Unallocated	1,174	-100	18,301	40	-474	2,737
By instrument						
Loans and deposits	372	-2,527	48,819	1,089	607	33,888
By sector of counterparty						
Banks	823	-2,197	32,741	-464	-141	17,186
Of which: intragroup	...	...	...	...	...	...
Non-banks	-451	-331	16,074	1,551	747	16,697
Of which: non-bank financial	-718	44	862	1,547	581	4,088
Of which: non-financial	416	117	4,456	-39	389	11,279
Unallocated	0	1	3	1	1	5
Debt securities	1,775	127	16,959	96	-60	1,081
Other instruments	835	-685	4,927	130	-508	3,071
Unallocated	1	-3	-2	-154	40	308
By location of banking office						
Australia	-52	-39	668	-15	-98	475
Austria	-1	3	16	0	1	36
Belgium	14	-23	43	-218	-20	658
Brazil	...	...	...	1	1	4
Canada	6	-6	10	-5	-5	86
Chile	-1	\	...	0	0	0
Chinese Taipei	-7	-94	665	111	540	1,363
Denmark	-4	-2	35	3	-1	56
Finland	0	0	2	\	-182	3
France	-310	-79	437	-308	157	858
Germany	-445	-61	447	184	-143	847
Greece	...	...	...	...	...	...
Guernsey	0	0	11	-4	5	55
Hong Kong SAR	716	-126	12,275	2,531	-1,232	10,889
Ireland	5	-13	39	-1	-1	8
Isle of Man	0	1	18	-5	5	275
Japan	520	-44	25,693	-140	-42	3,325
Jersey	0	3	20	-7	11	298
Korea	-112	-91	324	101	525	1,741
Luxembourg	6	-12	53	11	-3	153
Macao SAR	-43	-85	57	-777	402	2,073
Mexico	...	...	...	0	0	0
Netherlands	\	\	\	-140	-1	574
South Africa	-1	3	5	10	0	11
Spain	-1	0	8	2	0	24
Sweden	105	-17	161	199	-239	283
Switzerland	33	-23	384	125	34	1,599
United Kingdom	794	-500	2,709	-117	692	3,562
United States	91	433	1,415	-634	-49	3,372

Counterparties resident in Turkey

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-1,134	-1,162	195,028	-2,366	366	40,226
By sector of counterparty						
Banks	-4,758	-3,966	98,073	-2,530	758	20,089
Of which: intragroup	894	-1,733	14,571	-844	-191	4,172
Non-banks	3,359	3,125	96,533	59	-285	20,005
Of which: non-bank financial	661	1,972	12,020	-16	-36	1,045
Of which: non-financial	789	1,082	55,452	107	471	14,358
Unallocated	265	-321	422	105	-107	132
By currency						
US dollar	-486	-2,031	88,431	-2,666	-720	22,523
Euro	2,112	-170	64,522	574	-38	10,069
Yen	44	22	3,451	-37	22	118
Pound sterling	42	-1	1,083	54	147	867
Swiss franc	-5	-27	1,115	-8	3	447
Other currencies	157	-14	1,284	53	-18	518
Unallocated	-2,998	1,059	35,142	-337	970	5,684
By instrument						
Loans and deposits	1,879	-1,386	161,370	-2,654	133	35,884
By sector of counterparty						
Banks	-1,432	-3,918	78,821	-2,599	648	18,366
Of which: intragroup	...	...	...	...	...	...
Non-banks	3,310	2,549	82,470	-54	-518	17,511
Of which: non-bank financial	717	2,010	10,277	-64	13	990
Of which: non-financial	639	438	46,319	42	186	11,921
Unallocated	1	-17	79	-1	3	7
Debt securities	-575	692	13,058	-9	-2	51
Other instruments	-2,431	-388	20,137	170	-66	1,655
Unallocated	-8	-80	462	126	301	2,636
By location of banking office						
Australia	-1	23	36	-20	-2	36
Austria	215	-538	16,452	-96	127	713
Belgium	1,119	163	6,735	14	-58	191
Brazil	1	\	...	0	0	1
Canada	-58	-90	1,466	12	3	48
Chile	0	-1	21	0	0	1
Chinese Taipei	57	-34	511	-5	-2	8
Denmark	31	-32	403	20	14	187
Finland	0	-27	148	\	-88	10
France	18	380	13,302	-142	28	639
Germany	303	560	24,031	-541	693	4,666
Greece	-3,454	26	149	-1	0	73
Guernsey	-9	0	25	1	1	6
Hong Kong SAR	182	626	1,553	-8	21	74
Ireland	-204	-244	1,068	-4	-3	6
Isle of Man	0	0	2	-1	2	28
Japan	83	-220	5,602	-39	9	50
Jersey	1,189	-53	1,138	-9	45	95
Korea	187	-160	1,741	-3	2	6
Luxembourg	103	-22	4,321	-45	-64	1,073
Macao SAR	...	...	...	1	0	1
Mexico	0	0	0	0	0	0
Netherlands	-130	-1,073	16,570	49	-13	3,054
South Africa	1	-51	4	2	-2	20
Spain	-8	241	8,569	-10	17	63
Sweden	-78	-38	831	1	-1	11
Switzerland	240	-325	6,394	42	827	7,065
United Kingdom	-1,296	-215	40,826	-1,384	-171	7,263
United States	-218	-139	4,201	-451	-968	3,592

Counterparties resident in United Kingdom

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	119,011	-32,794	3,757,267	219,017	-43,815	4,169,555
By sector of counterparty						
Banks	57,689	-89,342	2,433,193	117,480	6,531	2,749,214
Of which: intragroup	39,535	2,110	1,190,470	87,348	73,556	1,431,639
Non-banks	49,278	62,331	1,136,719	84,673	-39,706	1,050,236
Of which: non-bank financial	31,685	29,914	684,048	66,679	-33,230	711,221
Of which: non-financial	5,605	28,917	296,305	10,448	-9,819	216,341
Unallocated	12,044	-5,784	187,355	16,864	-10,640	370,105
By currency						
US dollar	77,793	30,802	1,479,030	89,100	-17,900	1,734,704
Euro	26,294	-38,546	1,240,120	115,696	-4,282	1,527,481
Yen	-1,095	-19,268	128,665	-9,458	-13,602	155,127
Pound sterling	9,854	27,813	603,583	575	8,981	326,810
Swiss franc	6,007	-14,181	72,627	14,983	-9,877	106,451
Other currencies	-3,758	-7,393	147,269	2,821	-4,568	208,324
Unallocated	3,915	-12,020	85,974	5,299	-2,567	110,659
By instrument						
Loans and deposits	73,719	11,854	2,552,628	184,970	-1,776	3,087,703
By sector of counterparty						
Banks	57,794	-44,658	1,846,853	125,252	47,894	2,249,397
Of which: intragroup	...	...	...	...	...	...
Non-banks	15,882	56,577	705,490	57,328	-50,499	805,089
Of which: non-bank financial	12,602	33,299	464,489	50,739	-43,168	546,360
Of which: non-financial	6,910	23,186	187,650	11,055	-9,670	201,853
Unallocated	43	-65	285	2,390	829	33,217
Debt securities	173	-2,629	379,131	9,326	-11,424	346,229
Other instruments	39,624	-44,671	811,171	25,373	-30,953	731,023
Unallocated	5,494	2,651	14,336	-652	339	4,600
By location of banking office						
Australia	2,136	-18,121	153,384	-663	-15,587	284,577
Austria	-1,534	-452	16,307	-409	-2,788	16,329
Belgium	1,962	-1,131	156,526	6,987	-18,737	138,162
Brazil	331	192	4,430	400	267	6,338
Canada	869	1,107	54,420	12,547	693	87,137
Chile	365	-521	1,576	276	-124	1,877
Chinese Taipei	-1,354	548	24,236	-772	-199	18,560
Denmark	1,198	-1,923	34,443	4,104	-1,422	39,200
Finland	-770	-5,613	50,059	361	-2,801	54,346
France	8,091	10,861	385,590	13,232	7,283	458,515
Germany	14,253	-16,768	336,373	50,897	23,980	327,170
Greece	-1,024	1,390	34,030	2,799	2,047	15,879
Guernsey	4,233	1,755	57,821	452	-789	7,685
Hong Kong SAR	-4,615	7,508	119,190	9,801	1,191	106,616
Ireland	-2,201	771	102,341	-1,611	1,189	90,733
Isle of Man	-458	3,244	39,925	285	473	16,360
Japan	23,275	-18,409	275,221	19,626	-19,760	380,687
Jersey	828	929	108,944	-3,430	-1,229	27,781
Korea	455	771	7,197	-811	-2,624	33,953
Luxembourg	3,239	-3,984	65,356	4,990	3,735	31,199
Macao SAR	123	-44	2,294	-84	67	144
Mexico	-222	125	664	390	-42	888
Netherlands	2,789	-16,877	333,462	45,314	-19,052	373,176
South Africa	1,831	-2,243	16,271	-979	-776	14,894
Spain	-3,954	543	54,537	2,226	272	43,733
Sweden	6,476	-374	54,214	3,262	2,730	44,782
Switzerland	13,787	-11,075	167,618	20,311	-3,777	201,413
United Kingdom	...	...	...	...	...	...
United States	42,276	4,558	709,871	395	9,392	809,333

Counterparties resident in United States

Cross-border positions reported by banking offices located in LBS-reporting countries,
in millions of US dollars

Table A6

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	42,894	-89,858	4,815,350	98,397	-122,226	3,372,827
By sector of counterparty						
Banks	42,545	-126,606	2,005,031	-8,776	-126,305	1,743,356
Of which: intragroup	62,742	-7,607	590,045	4,200	-20,760	700,633
Non-banks	-6,496	25,457	2,736,820	113,266	-2,312	1,477,696
Of which: non-bank financial	64,431	23,413	1,117,276	138,504	33,822	875,071
Of which: non-financial	-62,884	9,908	1,298,399	-9,367	8,766	241,862
Unallocated	6,845	11,290	73,499	-6,093	6,392	151,775
By currency						
US dollar	36,451	-63,617	4,241,668	80,986	-74,975	2,685,265
Euro	2,593	-12,336	258,476	19,750	-14,229	311,029
Yen	6,646	-8,321	87,290	5,890	-12,297	74,523
Pound sterling	8,605	91	56,566	-4,083	-1,023	73,911
Swiss franc	2,753	-1,915	48,984	2,498	-4,013	13,177
Other currencies	-3,209	-247	58,090	951	-8,685	158,595
Unallocated	-10,946	-3,513	64,276	-7,594	-7,003	56,326
By instrument						
Loans and deposits	35,856	-104,941	2,836,760	102,971	-119,192	2,874,463
By sector of counterparty						
Banks	39,046	-120,763	1,662,499	-8,984	-130,128	1,446,044
Of which: intragroup	...	...	...	...	...	...
Non-banks	-2,507	16,051	1,172,334	112,711	5,840	1,391,658
Of which: non-bank financial	27,270	21,454	756,546	137,262	33,574	849,920
Of which: non-financial	-935	-6,127	192,499	-10,026	9,811	221,589
Unallocated	-684	-229	1,928	-756	5,096	36,761
Debt securities	-22,049	23,958	1,490,272	-3,817	-11,703	275,903
Other instruments	29,127	-8,986	487,861	-826	8,593	221,228
Unallocated	-40	110	457	70	76	1,234
By location of banking office						
Australia	438	-7,667	72,169	24	-11,401	226,604
Austria	-1,525	1,500	10,909	-140	398	2,451
Belgium	-6,232	-2,878	43,525	1,245	-448	26,642
Brazil	6,179	-10,291	8,504	-1,065	2,660	53,619
Canada	27,374	15,361	295,673	17,964	5,332	267,961
Chile	27	-1,303	7,648	-337	-1,009	12,934
Chinese Taipei	3,927	3,766	47,055	-509	343	9,450
Denmark	-333	1,665	11,847	-271	1,910	9,105
Finland	\	\	\	1,395	4,311	24,961
France	35,761	3,010	293,510	40,004	47,905	364,237
Germany	1,630	-1,340	154,281	3,137	3,055	76,931
Greece	45	-17	400	3	18	1,578
Guernsey	-1,740	-5,250	25,087	-148	125	6,823
Hong Kong SAR	-12,994	8,124	131,113	5,572	-469	52,469
Ireland	-5,165	918	23,088	632	-1,767	16,157
Isle of Man	-93	19	614	63	23	1,319
Japan	24,346	42,884	1,250,772	32,511	-30,631	479,217
Jersey	-5,999	355	3,946	-498	-11	3,229
Korea	-690	2,624	27,891	3,957	684	42,546
Luxembourg	476	-1,956	39,398	-1,835	156	7,435
Macao SAR	4,380	-2,701	5,927	1,764	-1,441	870
Mexico	-4,086	121	9,078	-965	-10,382	9,907
Netherlands	4,076	462	116,201	-956	-7,011	92,624
South Africa	-494	-512	3,084	-347	388	2,506
Spain	813	-4	60,326	-424	2,031	10,146
Sweden	-7,262	430	17,062	4,000	2,152	42,816
Switzerland	4,772	-3,598	97,219	9,838	-741	46,389
United Kingdom	-886	-31,282	1,010,991	31,211	-64,040	777,660
United States	...	...	...	...	...	...

A7 Details of locational claims and liabilities, by nationality of reporting bank

Table A7 presents the claims and liabilities of banks of different nationalities compiled from data aggregated across banking offices located in all LBS-reporting countries. Intragroup positions (ie positions between offices of the same banking group) are included, but positions booked by offices located outside LBS-reporting countries and booked by banks that are not internationally active are excluded.⁷ Consequently, the claims and liabilities of LBS-reporting banks may underestimate those for the population of banks of a given nationality. Furthermore, the structure of reporting banks' locational (unconsolidated) positions is not necessarily representative of the structure of their consolidated positions (see Tables B1 to B4).

The classification of banking offices by nationality is based on the nationality of the controlling parent institution. The controlling parent is usually the ultimate parent but, in cases where the ultimate parent is a diversified conglomerate or a shell company, the controlling parent may be the highest-level entity over which consolidated supervision is exercised by prudential authorities.

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⁷ A list of LBS-reporting countries is available on the BIS website: www.bis.org/statistics/rep_countries.htm.

Banks' nationality: Canada

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	26,768	32,143	944,535	39,196	27,146	786,098
By sector of counterparty						
Banks	2,978	21,939	552,161	-8,530	22,089	468,555
Of which: intragroup	-2,388	20,599	428,375	-17,221	20,645	339,413
Non-banks	23,952	10,521	391,003	41,960	1,558	230,456
Of which: non-bank financial	4,489	14,023	186,394	25,969	577	90,244
Of which: non-financial	10,057	1,301	133,197	6,175	6,286	104,282
Unallocated	-162	-317	1,370	5,765	3,499	87,087
By currency						
Of which: US dollar	11,472	31,734	643,901	26,419	26,633	533,947
Of which: euro	2,709	1,563	57,518	1,790	-171	54,488
Of which: yen	-94	321	17,012	964	-452	2,584
By instrument						
Of which: debt securities				63	536	9,760
Local positions in foreign currencies	1,594	-3,031	120,693	14,104	-4,074	253,396
By sector of counterparty						
Banks	5,415	-461	32,355	2,599	22	22,227
Non-banks	-3,944	-2,649	87,627	4,642	-2,814	114,463
Of which: non-bank financial	-3,336	-4,834	10,873	1,283	-1,238	14,862
Of which: non-financial	1,192	2,201	53,788	5,227	-1,670	74,348
Unallocated	122	79	711	6,863	-1,282	116,706
By currency						
Of which: US dollar	256	-2,863	97,722	19,386	-5,858	196,754
Of which: euro	-51	-142	15,436	752	1,608	37,215
Of which: yen	786	-47	1,424	183	-90	1,076
By instrument				0	1,469	1,606
Of which: debt securities						
Local positions in local currencies	34,168	15,502	1,871,377	44,124	12,487	1,310,625
Of which: parent country	32,764	14,477	1,776,026	37,087	10,927	1,237,888

Banks' nationality: Netherlands

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	62,362	-50,741	1,582,424	63,146	-34,774	1,274,141
By sector of counterparty						
Banks	15,786	-22,141	681,244	22,279	-20,682	545,285
Of which: intragroup	8,488	-10,483	459,913	14,721	-17,508	381,706
Non-banks	26,234	-10,873	667,148	21,927	1,814	457,639
Of which: non-bank financial	14,698	-6,128	292,119	13,834	-377	200,161
Of which: non-financial	10,453	-4,885	337,577	4,651	2,492	239,792
Unallocated	20,342	-17,727	234,032	18,940	-15,906	271,217
By currency						
Of which: US dollar	45,686	-30,076	444,873	29,663	-13,833	351,250
Of which: euro	30,294	-20,048	898,331	41,126	-15,458	727,664
Of which: yen	-1,462	-1,255	16,233	343	-1,809	11,862
By instrument						
Of which: debt securities	.	.	.	-942	167	3,375
Local positions in foreign currencies	4,739	-474	76,925	-4,007	-7,587	63,544
By sector of counterparty						
Banks	1,931	-2,232	6,262	-1,631	-554	5,846
Non-banks	1,761	3,939	66,579	-1,526	3,153	60,602
Of which: non-bank financial	-608	3,306	23,873	-386	-1,110	23,471
Of which: non-financial	1,730	746	37,064	-524	4,314	35,080
Unallocated	1,048	-2,180	4,084	-850	-10,187	-2,904
By currency						
Of which: US dollar	3,090	-256	55,719	-3,204	-5,913	48,717
Of which: euro	1,503	-16	5,680	-518	501	3,118
Of which: yen	-85	-587	1,074	-345	91	889
By instrument				65	863	1,202
Of which: debt securities	.	.	.	65	863	1,202
Local positions in local currencies	-22,368	57,611	1,915,448	-8,599	38,497	1,489,825
Of which: parent country	-27,518	34,562	1,477,815	-10,370	21,986	960,349

Banks' nationality: France

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	3,581	70,720	3,115,029	89,567	63,548	3,077,856
By sector of counterparty						
Banks	37,805	-26,385	1,755,806	47,246	-15,488	1,434,848
Of which: intragroup	68,942	-21,992	1,187,208	39,073	-12,380	932,952
Non-banks	-46,455	71,772	1,248,300	35,935	67,485	943,516
Of which: non-bank financial	-8,977	77,063	622,677	34,346	68,582	576,060
Of which: non-financial	-21,617	-2,965	534,788	12,088	2,402	245,811
Unallocated	12,232	25,333	110,923	6,386	11,550	699,492
By currency						
Of which: US dollar	65,754	6,418	998,424	101,394	-8,982	1,090,837
Of which: euro	-71,417	21,320	1,508,926	-4,273	25,381	1,503,416
Of which: yen	-1,863	20,854	193,244	-7,215	19,415	137,547
By instrument						
Of which: debt securities	.	.	.	14,652	5,883	634,363
Local positions in foreign currencies	34,681	2,113	301,653	30,108	1,728	314,846
By sector of counterparty						
Banks	17,362	1,823	157,788	27,704	-1,397	181,847
Non-banks	15,261	-2,789	136,174	1,591	3,163	131,484
Of which: non-bank financial	6,382	3,324	48,709	-2,322	944	58,545
Of which: non-financial	8,719	-6,322	75,182	4,102	2,232	53,850
Unallocated	2,057	3,079	7,691	813	-39	1,515
By currency						
Of which: US dollar	35,839	5,014	196,045	30,119	8,699	219,151
Of which: euro	-357	367	11,738	205	80	16,591
Of which: yen	2,679	-854	7,387	-985	-7,445	13,461
By instrument						
Of which: debt securities	.	.	.	-236	357	17,607
Local positions in local currencies	89,759	-49,396	5,471,813	34,819	-112,432	5,080,566
Of which: parent country	68,769	-77,314	4,655,624	14,518	-117,099	4,372,605

Banks' nationality: Germany

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	95,182	-80,154	2,792,119	84,752	-41,875	2,487,618
By sector of counterparty						
Banks	68,473	-59,446	1,580,117	50,649	-38,266	1,347,798
Of which: intragroup	58,783	-47,854	930,035	61,732	-20,304	926,669
Non-banks	26,075	-20,841	1,206,783	20,334	-1,912	457,596
Of which: non-bank financial	4,570	-9,824	231,188	13,145	2,385	143,541
Of which: non-financial	-4,197	-6,775	604,061	2,923	-7,597	136,984
Unallocated	634	132	5,219	13,769	-1,696	682,225
By currency						
Of which: US dollar	44,402	23,505	1,029,025	41,486	43,307	1,162,521
Of which: euro	39,494	-101,131	1,406,516	44,735	-96,412	967,196
Of which: yen	-752	-905	49,073	-3,474	1,721	37,323
By instrument						
Of which: debt securities				13,698	-1,685	700,087
Local positions in foreign currencies	-5,854	2,138	191,679	5,381	-4,647	188,016
By sector of counterparty						
Banks	-2,232	3,358	91,174	444	-1,236	68,835
Non-banks	-3,599	-1,226	100,364	4,149	-3,229	87,725
Of which: non-bank financial	29	-548	11,055	1,580	-2,916	13,999
Of which: non-financial	-4,775	-892	44,620	1,689	-144	44,471
Unallocated	-23	6	141	788	-182	31,456
By currency						
Of which: US dollar	-4,953	2,440	113,123	4,733	-2,835	123,400
Of which: euro	374	140	32,463	-215	-277	15,611
Of which: yen	715	-145	5,927	327	-374	5,984
By instrument				576	-382	31,745
Of which: debt securities						
Local positions in local currencies	17,998	26,537	5,014,124	12,843	-7,243	4,778,875
Of which: parent country	17,284	24,135	4,783,440	8,423	-3,173	4,620,076

Banks' nationality: Japan

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	75,452	59,611	4,515,588	85,002	-31,978	2,077,298
By sector of counterparty						
Banks	72,107	-9,260	1,756,849	42,276	-20,863	1,635,038
Of which: intragroup	56,359	-25,489	1,152,888	33,272	-15,676	942,555
Non-banks	3,519	68,585	2,757,809	44,448	-10,838	422,516
Of which: non-bank financial	69,152	-995	895,899	32,609	-13,817	237,924
Of which: non-financial	-72,567	67,089	1,726,645	-5,502	8,158	82,950
Unallocated	-174	287	931	-1,722	-277	19,744
By currency						
Of which: US dollar	60,474	38,629	2,554,982	72,601	-9,665	1,335,930
Of which: euro	10,322	3,111	519,111	9,040	-3,970	244,049
Of which: yen	-25,007	-5,442	908,448	-3,483	-16,760	259,102
By instrument						
Of which: debt securities				-2,380	-553	30,246
Local positions in foreign currencies	12,493	23,647	610,920	45,887	80,573	897,092
By sector of counterparty						
Banks	1,570	16,311	325,994	23,318	44,532	424,752
Non-banks	10,946	7,325	284,834	22,581	36,029	472,261
Of which: non-bank financial	1,556	2,210	45,742	-7,089	14,975	147,364
Of which: non-financial	8,212	4,508	189,685	25,123	20,585	272,553
Unallocated	-23	11	92	-12	12	79
By currency						
Of which: US dollar	3,662	20,694	528,756	25,495	72,031	723,671
Of which: euro	2,613	1,600	42,431	7,235	-1,899	99,863
Of which: yen	683	215	6,215	-29	-1,347	10,510
By instrument				-449	-4	221
Of which: debt securities						
Local positions in local currencies	107,198	134,397	19,921,304	48,753	92,461	20,947,452
Of which: parent country	93,249	132,495	19,678,047	39,189	81,402	20,818,725

Banks' nationality: Spain

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-4,066	961	587,513	-13,490	-22,011	467,407
By sector of counterparty						
Banks	-8,345	-5,751	278,261	-381	-12,362	357,011
Of which: intragroup	3,209	5,087	174,651	884	-5,394	133,117
Non-banks	4,392	6,276	308,208	-12,115	-10,854	104,444
Of which: non-bank financial	-328	1,553	7,870	-436	-338	7,816
Of which: non-financial	1,154	1,034	20,786	-728	-94	20,007
Unallocated	-112	436	1,044	-994	1,205	5,952
By currency						
Of which: US dollar	-3,308	5,867	212,128	-3,430	-7,507	179,731
Of which: euro	-179	-6,126	260,367	-10,212	-16,822	251,741
Of which: yen	-1,242	-28	10,605	-145	16	2,355
By instrument						
Of which: debt securities				-3,214	-4,989	38,660
Local positions in foreign currencies	-21,508	891	96,704	-22,447	-4,426	102,836
By sector of counterparty						
Banks	-24,120	2,291	23,935	-24,984	936	26,067
Non-banks	2,520	-1,222	70,024	2,858	-5,567	74,175
Of which: non-bank financial	-173	-198	602	125	-42	323
Of which: non-financial	-251	-743	16,945	-904	-1,287	19,661
Unallocated	91	-179	2,744	-321	205	2,593
By currency						
Of which: US dollar	-2,097	-1,644	65,788	-1,408	-4,416	82,612
Of which: euro	-18,815	3,140	19,681	-20,231	16	11,632
Of which: yen	-60	-62	5,332	-107	2	1,930
By instrument				16	-1,347	240
Of which: debt securities						
Local positions in local currencies	52,477	-41,925	2,766,888	65,326	-20,941	2,432,011
Of which: parent country	22,847	-56,670	1,913,399	40,232	-37,740	1,697,418

Banks' nationality: Sweden

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	-30,661	-34,593	774,692	-33,177	-43,157	705,103
By sector of counterparty						
Banks	-29,889	-16,044	548,664	-19,110	-26,662	509,236
Of which: intragroup	-18,093	-10,383	381,024	-19,784	-7,104	336,850
Non-banks	-470	-13,530	222,939	-15,336	-11,828	160,208
Of which: non-bank financial	392	-11,427	84,623	-834	2,684	69,922
Of which: non-financial	-949	-2,138	130,172	-3,530	1,826	58,245
Unallocated	-302	-5,019	3,089	1,270	-4,666	35,660
By currency						
Of which: US dollar	-7,945	-17,346	216,456	-16,186	-32,445	219,953
Of which: euro	-8,103	-9,304	298,862	-2,219	-12,926	268,321
Of which: yen	1,121	-1,550	3,596	609	-749	1,375
By instrument						
Of which: debt securities	.	.	.	-488	-2,370	23,868
Local positions in foreign currencies	2,778	-4,104	64,667	-3,890	-1,001	52,185
By sector of counterparty						
Banks	1,026	-28	14,727	331	-482	14,482
Non-banks	2,097	-3,425	50,199	-3,251	-570	37,186
Of which: non-bank financial	556	-1,266	5,783	-1,710	-1,875	8,804
Of which: non-financial	1,697	-2,157	43,310	-922	975	25,242
Unallocated	-345	-651	-259	-970	51	516
By currency						
Of which: US dollar	1,725	-2,584	25,957	-1,291	-565	21,446
Of which: euro	1,772	-1,254	27,278	107	54	20,373
Of which: yen	-12	-184	251	-45	-160	326
By instrument				-40	-10	213
Of which: debt securities	.	.	.	-40	-10	213
Local positions in local currencies	35,016	31,928	1,238,873	22,359	16,466	824,632
Of which: parent country	30,192	9,453	790,544	21,725	10,396	613,202

Banks' nationality: Switzerland

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	21,395	-18,733	1,801,545	-5,479	14,159	1,659,249
By sector of counterparty						
Banks	46,577	-15,558	963,757	11,390	10,535	895,901
Of which: intragroup	40,218	-14,033	631,505	49,044	26,218	636,805
Non-banks	-23,914	-3,687	833,639	-3,285	1,827	758,047
Of which: non-bank financial	-2,132	-4,755	231,471	-1,792	3,545	246,861
Of which: non-financial	4,567	5,408	180,754	3,097	3,950	270,402
Unallocated	-1,268	513	4,149	-13,584	1,796	5,301
By currency						
Of which: US dollar	27,847	-1,784	1,037,798	3,262	29,787	969,870
Of which: euro	9,380	3,892	301,814	-632	310	274,523
Of which: yen	-7,819	-1,603	52,323	-3,208	1,039	45,487
By instrument						
Of which: debt securities	.	.	.	-6,022	1,657	140,509
Local positions in foreign currencies	9,282	9,743	247,836	3,334	12,593	348,663
By sector of counterparty						
Banks	3,550	7,542	116,637	-5,153	4,173	110,672
Non-banks	5,026	2,603	130,390	8,132	8,255	236,345
Of which: non-bank financial	134	179	12,398	2,559	1,648	67,546
Of which: non-financial	-257	2,165	29,251	1,709	3,374	104,423
Unallocated	705	-403	809	355	165	1,647
By currency						
Of which: US dollar	5,868	9,048	123,378	1,553	12,060	184,164
Of which: euro	3,057	1,369	98,361	1,215	-897	116,483
Of which: yen	662	-99	6,645	333	343	8,257
By instrument						
Of which: debt securities	.	.	.	-1,031	2,441	3,273
Local positions in local currencies	261	37,858	1,431,631	-2,168	18,268	988,448
Of which: parent country	-8,857	32,101	1,288,790	-3,396	16,435	917,945

Banks' nationality: United Kingdom

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	48,007	-14,528	2,632,576	87,725	8,730	2,429,020
By sector of counterparty						
Banks	33,341	-33,801	1,361,218	26,190	-294	1,406,509
Of which: intragroup	8,653	-8,675	961,739	5,814	-864	945,269
Non-banks	17,891	19,070	1,265,416	65,510	9,581	1,007,180
Of which: non-bank financial	3,211	15,390	148,255	10,030	9,549	148,799
Of which: non-financial	-8,961	-2,172	213,416	-7,852	-1,804	248,658
Unallocated	-3,224	203	5,942	-3,975	-557	15,331
By currency						
Of which: US dollar	23,572	9,644	1,273,926	36,192	-12,432	1,122,218
Of which: euro	62	-17,292	686,246	41,082	13,843	619,661
Of which: yen	1,914	-5,214	134,889	-4,554	6,966	78,782
By instrument						
Of which: debt securities				-4,987	-1,054	250,967
Local positions in foreign currencies	16,752	-4,189	435,330	12,056	-6,175	632,022
By sector of counterparty						
Banks	6,546	-1,321	136,570	12,888	-6,114	115,135
Non-banks	10,115	-2,701	298,546	-763	-79	516,050
Of which: non-bank financial	404	123	9,963	-1,050	1,154	41,226
Of which: non-financial	3,283	-2,332	56,299	-8,619	1,421	154,238
Unallocated	91	-168	214	-69	18	837
By currency						
Of which: US dollar	4,457	-3,733	236,359	-2,676	-4,750	345,129
Of which: euro	9,372	326	144,121	12,127	421	188,086
Of which: yen	2,427	-342	15,658	224	780	23,366
By instrument						
Of which: debt securities				-997	-835	4,996
Local positions in local currencies	73,469	196,739	5,252,271	42,920	143,004	4,462,687
Of which: parent country	25,886	169,276	4,275,300	44,557	144,844	3,658,236

Banks' nationality: United States

Positions reported by banking offices located in LBS-reporting countries and controlled by parents of the specified nationality, in millions of US dollars

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Q3 16	Q2 16	Q3 16	Q3 16
Cross-border positions	78,600	-29,210	3,078,904	99,630	20,900	3,783,701
By sector of counterparty						
Banks	34,153	-87,443	1,720,999	21,574	-7,371	1,805,640
Of which: intragroup	23,632	-18,212	1,198,143	32,027	17,256	1,185,335
Non-banks	44,630	60,582	1,345,497	76,700	32,086	1,956,759
Of which: non-bank financial	34,502	22,548	574,770	48,270	-7,804	730,330
Of which: non-financial	13,561	38,331	300,164	2,397	46,768	437,633
Unallocated	-182	-2,350	12,408	1,357	-3,815	21,301
By currency						
Of which: US dollar	54,247	-26,586	2,017,552	36,493	59,897	2,703,279
Of which: euro	4,672	721	511,883	58,223	-18,282	503,601
Of which: yen	9,824	-7,746	127,733	-5,993	-23,395	111,377
By instrument						
Of which: debt securities	.	.	.	6,996	8,056	133,485
Local positions in foreign currencies	-10,803	-2,002	346,772	-15,593	3,289	434,309
By sector of counterparty						
Banks	-16,370	-595	179,229	-19,982	1,730	170,974
Non-banks	5,541	-1,530	167,092	2,567	1,294	244,455
Of which: non-bank financial	-2,903	656	14,725	307	3,424	47,372
Of which: non-financial	3,174	-1,790	29,474	-65	-3,128	47,903
Unallocated	25	124	451	1,821	265	18,880
By currency						
Of which: US dollar	-6,523	-452	194,548	-10,720	1,502	266,154
Of which: euro	-4,564	-1,007	107,580	-4,911	-139	104,277
Of which: yen	2,723	-285	10,670	880	1,636	14,964
By instrument						
Of which: debt securities	.	.	.	-71	-13	408
Local positions in local currencies	49,699	-5,931	612,650	-22,536	15,338	391,434
Of which: parent country	...	...	...	...	...	...

Positions on the central bank sector

In millions of US dollars

Table A8

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q2 16	Q3 16	Sep 2016	Q2 16	Q3 16	Sep 2016
Cross-border positions	39,330	3,262	292,336	28,544	22,200	979,542
By currency						
US dollar	2,336	12,517	123,886	-6,184	11,897	606,945
Euro	16,584	16,018	84,095	31,634	9,904	168,651
Yen	1,587	-403	8,227	1,415	3,583	25,696
Pound sterling	1,985	-2,544	12,912	-1,371	1,761	68,054
Swiss franc	9,873	-11,420	26,428	620	151	2,508
Other currencies	5,998	-8,607	27,146	2,787	1,546	43,979
Unallocated	966	-2,299	9,643	-356	-6,641	63,709
By instrument						
of which: loans	38,425	6,737	264,830	26,738	-120,756	810,850
of which: debt securities	-572	-1,561	21,036	765	142,416	159,789
By location of banking office						
Euro area	13,289	-13,216	69,505	20,334	-4,268	230,488
Japan	-131	99	401	-471	4,167	21,764
Switzerland	768	-268	3,509	1,320	2,716	23,471
United Kingdom	14,244	14,287	73,383	4,969	-7,779	292,789
United States	2,447	3,059	52,377	-3,233	4,674	146,612
Other locations	-4,039	-30,393	-60,164	17,749	-8,046	-254,148
By nationality of bank						
of which: Canada	2,841	-252	8,497	5,142	4,268	50,514
of which: France	11,612	-318	31,913	15,683	-11,309	99,254
of which: Germany	5,084	1,629	28,544	-1,406	-2,471	82,788
of which: Japan	4,433	805	8,802	972	9,494	90,722
of which: Netherlands	2,007	-11,432	8,313	2,849	3,122	29,800
of which: Spain	-231	-1,084	1,406	-4,414	272	28,766
of which: Sweden	-2,136	-1,584	3,594	8,755	-8,461	28,913
of which: Switzerland	-872	3,707	15,182	182	6,666	41,086
of which: United Kingdom	6,656	317	26,153	9,282	-888	98,966
of which: United States	3,518	-3,397	59,591	-4,258	5,451	132,216
Local positions in foreign currencies	-2,434	-449	63,084	-2,728	-9,434	68,417
Local positions in local currencies	119,500	321,772	3,016,960	9,942	71,238	1,071,663

B Consolidated banking statistics

www.bis.org/statistics/about_banking_stats.htm

The CBS capture the worldwide consolidated positions of internationally active banking groups headquartered in reporting countries. The data include the claims of reporting banks' foreign affiliates but exclude intragroup positions, similarly to the consolidation approach followed by banking supervisors. For example, the positions of a German bank's subsidiary located in London – which in the LBS are included in the positions of banks in the United Kingdom – are consolidated in the CBS with those of its parent and included in positions of German banks. Currently, banking groups from 31 countries report the CBS.

Like the LBS, the CBS are reported to the BIS at an aggregate (banking system) level rather than individual bank level. A central bank or another national authority collects data from internationally active banks in its jurisdiction, compiles national aggregates and then sends them to the BIS to calculate global aggregates. No currency breakdown is available for the CBS, and thus the BIS does not calculate adjusted changes. Comparisons of amounts outstanding between periods are thus affected by movements in exchange rates.⁸

The CBS are compiled in two different ways: by immediate counterparty and by ultimate risk. The immediate counterparty is the entity with whom the bank contracts to lend or borrow. Ultimate risk takes account of credit risk mitigants, such as collateral, guarantees and credit protection bought, that transfer the bank's credit exposure from one counterparty to another. For example, suppose that a German bank extends a loan to a company in Mexico and the loan is guaranteed by a US bank. On an immediate counterparty basis, the German bank would report the loan as a claim on Mexico. On an ultimate risk basis, the loan would be reported as a claim on the United States because, if the company in Mexico were unable to meet its obligations, then ultimately the German bank would be exposed to the US bank that guaranteed the loan. Data on an ultimate risk basis are better measures of exposures than data on an immediate counterparty basis because risk transfers may create a significant wedge between the two.

Banks' foreign exposures

The CBS are designed to analyse the exposure of internationally active banks of different nationalities to individual countries and sectors. Exposures can take many forms: for example, cross-border claims, local claims of banks' foreign affiliates, derivatives, guarantees, or credit commitments. The CBS provide information on each of these, and the most appropriate measure of exposure will depend on the issue being analysed. The benchmark measure in the CBS is foreign claims, which capture credit to borrowers outside the bank's home country, including credit extended by banks' foreign affiliates (but excluding derivatives, guarantees and

⁸ This complicates analysis of flows using the CBS: for instance, a depreciation of a given currency against the US dollar will result in a decline in the reported US dollar value of outstanding claims denominated in that currency (and an appreciation an increase in the reported value).

credit commitments).⁹ Foreign claims are the most comparable measure across banks of diverse nationalities because differences in accounting standards complicate the comparability of other measures of exposures, especially derivatives.

The CBS on an ultimate risk basis are widely used to gauge reporting banks' exposures to different countries and sectors. For example, they have been used to measure foreign banks' exposures to US borrowers on the eve of the Great Financial Crisis of 2007–09, and to contrast the evolution of euro area banks' sovereign portfolios with those of banks from the rest of the world.¹⁰

Borrowers' dependence on foreign bank creditors

From a borrower's point of view, the CBS also provide information about the main bank creditors to a given economy. The CBS on an immediate counterparty basis can be used to assess the dependence of individual borrowing countries and regions on foreign bank creditors. For example, based on these data, Avdjiev, Kuti and Takáts (2012) found that the sharp contraction in cross-border bank lending to emerging market economies that occurred in 2011 was largely linked to the deteriorating health of euro area banks.¹¹

In addition, the CBS data have been used to examine the transmission of adverse liquidity shocks from major banking systems to emerging market economies during the Great Financial Crisis.¹² And the maturity breakdown available in the CBS on an immediate counterparty basis has been used to construct indicators measuring the vulnerability of emerging market economies to sudden capital withdrawals through the banking system.¹³

Explanatory notes

Latest data

The latest consolidated banking statistics (CBS) refer to end-September 2016. For the following countries, the latest data are carried forward from a previous quarter: Brazil (carried forward from end-June 2016).

⁹ Foreign claims are the sum of cross-border and local claims, excluding claims on residents of the country where the bank is headquartered. In the CBS on an immediate counterparty basis, foreign claims are disaggregated into local claims denominated in local currencies and international claims, where international claims refer to cross-border claims plus local claims in foreign currencies.

¹⁰ See eg C Borio and P Disyatat, "Global imbalances and the financial crisis: link or no link?", *BIS Working Papers*, no 346, May 2011; and J Caruana and S Avdjiev, "Sovereign creditworthiness and financial stability: an international perspective", Bank of France, *Financial Stability Review*, April 2012, issue 16, pp 71–85.

¹¹ S Avdjiev, Z Kuti and E Takáts, "The euro area crisis and cross-border bank lending to emerging markets", *BIS Quarterly Review*, December 2012, pp 37–47.

¹² See eg N Cetorelli and L Goldberg, "Global banks and international shock transmission: evidence from the crisis", *IMF Economic Review*, (2011) vol 59(1), April, pp 41–76.

¹³ See eg Bank for International Settlements, "Highlights of the BIS international statistics", *BIS Quarterly Review*, December 2011, pp 15–27.

Data that are not reported to the BIS, and therefore not available for publication, are indicated by "...". Null values may appear as not available where not reported to the BIS. Data that are reported to the BIS but suppressed at the request of the reporting country to safeguard confidentiality are included in totals and indicated by "\".

Amounts of less than \$0.5 million or, where data are presented in billions, less than \$0.05 billion may appear in the tables as 0 or 0.0, respectively, because of rounding. Data in thousands can be downloaded via the BIS Statistics Explorer (stats.bis.org/statx) or the BIS Statistics Warehouse (stats.bis.org).

Revisions and breaks

Data are subject to revision and are impacted by breaks – or changes in compilation – over time. Breaks may arise from: changes in the population of reporting institutions, including the addition of new reporting countries; changes in reporting practices; or methodological improvements. Revisions and breaks are summarised in the commentary published when the BIS first releases data for the latest quarter (in January, April, July and October). The commentary is available on the BIS website (www.bis.org/statistics/provdata.htm).

Reporting practices

The Guidelines for reporting the BIS international banking statistics provide definitions and set out requirements for the reporting of the locational and consolidated banking statistics. The consistency of banks' reporting practices with the Guidelines varies across reporting countries. Key differences are explained on the BIS website (www.bis.org/statistics/count_rep_practices.htm) and, for the CBS, summarised below.

Requirements for CBS		Key differences in reporting practices for CBS
Claims disaggregated by:	The following countries include trustee positions with claims: Japan and Switzerland.	
Country (residence) of the counterparty	Domestic claims were first reported as of end-December 2013. The following countries do not report domestic claims: Australia, Brazil, India, Mexico, Panama and Portugal. Switzerland reports an incomplete country breakdown of local and foreign claims (but a complete country breakdown of international claims).	
Sector of the counterparty		
Bank sector		
Non-bank subsectors (official sector, non-bank financial sector, non-financial private sector)	Non-bank private subsectors were first reported as of end-December 2013; up to end-September 2013, official sector and non-bank private sector were reported. The following countries do not report non-bank private subsectors: Australia, Austria, Brazil, Chile, Mexico, Panama, Portugal and Spain. Some countries report additional subsectors within the non-financial private sector (non-financial corporations, households).	
Remaining maturity	Denmark, Germany and the United States do not report a breakdown for over one year up to two years.	
Derivative claims ¹ and liabilities	Derivative claims are reported on a gross basis except by the following countries, which net contracts with the same counterparty: France (from end-December 2013) and Germany (up to end-September 2013). Derivative liabilities are reported on a gross basis except by the following countries, which net contracts with the same counterparty under a legally enforceable master netting agreement: United States.	
Guarantees extended ¹	Credit protection sold is reported at notional values except by the following countries, which report at market values: Chile, India and Switzerland (up to end-September 2013). Credit protection sold is reported on a gross basis except by the following countries, which net contracts with the same reference entity and counterparty: Australia, Belgium, India, Turkey and the United States (from end-December 2013).	
Credit commitments ¹	Italy reports credit protection sold as credit commitments up to end-September 2013 (and thereafter as guarantees extended).	
Total assets	Total assets were first reported as of end-December 2013. Some countries report total assets that are lower than total claims because total assets may exclude provisions or because the data may be compiled from different sources.	
Total liabilities	Total liabilities were first reported as of end-December 2013.	
Total equity	Equity was first reported as of end-December 2013.	

¹ See also above-mentioned differences regarding sector of the counterparty.

Comparison with supervisory statistics

The CBS are conceptually similar to data compiled for prudential supervision. However, there are potentially important differences between the two data sets. First, the population of reporting institutions may be narrower for the CBS owing to their focus on internationally active banks. Second, the coverage of banks' balance sheets may be less complete in the CBS. In particular, the perimeter of consolidation may differ. Third, definitions used in the CBS may not be aligned with those followed by prudential supervisors. Finally, the CBS may include estimates and mix data from multiple sources to close gaps in reporting.

Summary of consolidated statistics, by nationality of reporting bank

Amounts outstanding, in billions of US dollars

Table B1

Nationality of CBS-reporting bank	Total claims				Total assets (F) ¹	Liabilities (L) ¹				Total equity (K=F-L) ¹		
	Foreign claims		Domestic claims			Total	Of which: Loans and deposits	Of which: Debt securities	Of which: Derivatives			
	Immediate counterparty	Ultimate risk	Immediate counterparty	Ultimate risk								
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16			
All bank nationalities	26,918.6	24,154.5	53,419.3	52,876.8	79,007.7	73,362.8	52,654.5	7,243.7	5,224.4	5,425.8		
Of which: parents in CBS rep countries	25,584.3	24,154.5	52,919.9	52,876.8	78,816.9	73,043.5	52,396.8	7,206.0	5,206.2	5,411.8		
Australia	697.4	690.0	...	...	2,982.6	2,785.9	1,777.0	645.1	165.4	196.8
Austria	326.9	323.3	333.9	337.5	660.7	...	...	...	...	...
Belgium	204.7	204.3	281.1	281.5	530.0	499.2	374.4	67.3	51.0	30.9		
Brazil	160.4	...	...	...	...	...	...	...	...	...
Canada	1,377.6	1,376.1	1,880.7	1,882.3	3,717.8	3,502.7	3,063.0	29.5	214.9	215.1		
Chile	11.1	11.1	158.4	158.4	...	146.2	104.2	30.2	6.7	...		
Chinese Taipei	295.1	268.0	1,070.3	1,097.3	1,419.5	1,318.8	1,179.0	50.6	10.5	100.7		
Denmark	247.7	...	566.0	...	917.0	871.5	313.0	444.8	103.0	\		
Finland	29.3	29.3	84.6	84.5	126.8	120.7	40.9	58.2	10.4	6.1		
France	2,669.6	2,657.0	3,737.1	3,750.0	7,589.6	7,148.5	4,212.9	...	976.6	441.1		
Germany	2,256.7	1,986.7	4,839.0	5,108.9	\	7,663.9	5,320.2	1,407.3	936.4	\		
Greece	107.5	107.0	261.7	262.2	346.8	305.6	285.8	2.3	12.4	41.2		
Hong Kong SAR	\	\	\	\	\	\	\	\	\	\		
India	106.1	63.7	...	...	1,900.9	1,893.1	1,519.6	52.5	28.5	7.8
Ireland	91.3	91.4	161.9	161.7	285.8	248.3	212.2	23.9	6.2	37.4		
Italy	792.8	788.0	2,690.0	2,691.8	3,788.0	3,517.9	2,589.4	504.0	190.5	270.1		
Japan	4,015.1	3,854.6	15,930.4	16,091.0	\	\	\	\	\	\		
Korea	162.6	156.5	1,706.8	1,712.9	2,078.9	1,915.3	1,359.8	373.0	22.6	163.6		
Luxembourg	\	...	\	...	...	\	\	\	\	...
Mexico	9.0	...	...	...	...	...	...	...	...	...
Netherlands	1,183.1	1,177.0	1,333.9	1,340.0	2,747.0	2,598.9	1,589.3	742.1	207.5	148.1		
Panama	19.6	...	...	...	...	...	...	...	...	...
Portugal	92.9	94.1	...	...	...	...	...	...	...	...
Singapore	447.4	446.3	332.3	333.4	820.0	738.7	\	\	\	81.4		
Spain	1,556.3	1,545.3	1,791.1	1,802.2	...	...	...	...	...	...
Sweden	825.7	816.6	688.1	697.1	1,667.2	1,573.4	697.6	682.4	124.2	93.7		
Switzerland	1,484.1	1,116.5	1,337.7	1,385.0	2,785.7	2,724.7	1,966.9	452.6	191.6	166.1		
Turkey	17.4	20.2	573.4	570.6	590.8	525.9	454.6	27.5	2.3	64.9		
United Kingdom	3,097.7	3,116.9	2,396.3	2,377.1	7,463.1	6,976.0	4,090.1	579.5	1,324.4	487.1		
United States	3,053.3	3,010.1	10,538.4	10,581.6	14,316.0	12,712.3	8,806.4	591.7	245.7	1,603.7		

¹ F minus L may not equal K because of rounding differences or inconsistencies in the underlying data reported by banks.

Summary of foreign claims (immediate counterparty basis), by nationality of reporting bank

Amounts outstanding, in billions of US dollars

Table B2

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Foreign claims	Total	International claims							Local positions in local currencies		Net risk transfers	
		By remaining maturity			By sector of counterparty							
		Up to and including one year	Over one year up to two years	Over two years	Banks	Official sector	Total	Of which: Non-bank financial	Claims	Liabilities		
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	
All bank nationalities	26,918.6	16,080.3	7,090.7	777.3	5,490.3	4,187.0	3,172.9	8,674.4	3,199.5	10,823.3	8,388.0	-620.5
Of which: parents in CBS rep countries	25,584.3	14,830.4	6,402.5	697.9	5,072.4	3,531.6	3,006.5	8,248.7	3,124.5	10,738.9	8,361.2	-619.2
Australia	697.4	270.7	135.7	23.4	108.7	74.0	55.1	141.2	...	426.7	310.5	-7.4
Austria	326.9	182.2	59.2	14.9	92.7	43.2	43.7	92.8	...	144.7	118.4	-3.6
Belgium	204.7	116.7	51.7	5.8	56.9	46.2	33.2	37.0	14.2	88.1	51.0	-0.4
Brazil	160.4	122.0	65.7	9.3	19.1	71.0	1.3	42.0	...	38.4	44.7	-0.5
Canada	1,377.6	493.8	249.2	44.0	152.8	91.0	120.0	280.4	136.3	883.8	603.6	-1.5
Chile	11.1	7.3	2.9	0.2	1.3	5.1	0.0	1.1	...	3.8	3.9	-0.1
Chinese Taipei	295.1	216.4	107.6	21.4	87.4	94.0	11.1	111.2	20.3	78.7	42.6	-27.0
Denmark	247.7	111.2	55.5	0.7	32.8	27.4	18.7	62.4	33.3	136.5	422.1	...
Finland	29.3	26.5	5.5	2.9	18.1	15.7	\	3.4	\	2.8	0.9	\
France	2,669.6	1,439.4	672.9	86.6	529.9	483.8	285.9	666.5	194.4	1,230.2	891.3	-12.7
Germany	2,256.7	1,769.6	728.8	...	415.9	505.6	283.6	980.4	208.6	487.1	262.3	-269.9
Greece	107.5	87.8	24.6	8.2	54.7	10.9	43.9	33.0	3.4	19.7	16.8	-0.5
Hong Kong SAR	\	\	\	\	\	\	\	\	\	\	\	\
India	106.1	97.3	79.2	4.3	12.8	36.3	0.9	53.8	0.0	8.8	60.8	-42.0
Ireland	91.3	33.5	6.6	2.7	24.2	10.9	8.6	14.0	2.3	57.8	37.5	0.2
Italy	792.8	415.2	139.9	30.5	200.1	89.8	100.0	225.0	66.8	377.6	383.3	-2.1
Japan	4,015.1	3,205.4	407.6	184.0	1,485.5	403.4	879.2	1,922.7	825.7	809.7	619.4	-160.5
Korea	162.6	134.4	75.3	6.5	50.2	47.9	5.6	81.0	9.9	28.2	21.5	-6.1
Luxembourg	\	\	\	\	\	\	\	\	\	...	...	...
Mexico	9.0	9.0	5.6	0.0	1.7	5.5	0.1	3.3	...	...	...	...
Netherlands	1,183.1	554.4	277.2	37.2	215.1	168.6	116.7	269.0	84.5	628.7	552.6	-6.1
Panama	19.6	19.6	10.4	2.1	7.1	12.3	0.7	6.5	...	...	...	...
Portugal	92.9	56.0	16.3	2.4	27.0	9.2	15.1	31.6	...	36.9	31.8	1.2
Singapore	447.4	252.6	\	\	\	\	\	\	\	194.8	\	-1.1
Spain	1,556.3	388.2	179.1	18.7	190.5	84.2	94.8	209.3	...	1,168.1	987.9	-11.0
Sweden	825.7	284.3	154.7	22.4	95.8	70.3	41.7	170.7	66.4	541.4	563.2	-9.0
Switzerland	1,484.1	949.7	555.7	68.0	246.6	255.1	114.3	566.5	303.3	519.4	210.3	-47.3
Turkey	17.4	15.8	7.8	0.4	4.1	7.7	0.5	6.7	0.3	1.6	0.4	2.8
United Kingdom	3,097.7	1,406.3	639.8	62.9	257.9	306.8	338.0	761.3	323.7	1,691.4	1,164.9	19.2
United States	3,053.3	1,985.3	1,432.0	...	553.4	407.0	331.6	1,246.7	778.2	1,068.0	756.4	-41.2

Summary of foreign claims and other potential exposures (ultimate risk basis), by nationality of reporting bank

Amounts outstanding, in billions of US dollars

Table B3

Nationality of CBS-reporting bank	Foreign claims							Other potential exposures (not included in foreign claims)		
	Total	By sector of counterparty			By type of position					
		Banks	Official sector	Non-bank private sector		Cross-border claims	Local claims	Derivatives contracts	Guarantees extended	Credit commitments
				Total	Of which: Non-bank financial					
Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Parents in CBS-report countries¹	24,154.5	3,742.7	6,424.4	13,764.9	3,865.8	12,353.7	11,800.8	3,312.4	3,810.7	4,366.1
Australia	690.0	101.6	164.5	423.5	...	209.9	480.1	55.5	25.5	66.2
Austria	323.3	54.7	80.1	184.4	...	182.8	140.5	21.8	16.0	39.8
Belgium	204.3	43.1	63.3	96.4	15.5	109.1	95.2	47.9	8.3	18.7
Canada	1,376.1	108.8	401.7	852.5	332.9	432.7	943.4	122.2	55.9	284.8
Chile	11.1	7.2	1.1	1.5	...	7.2	3.9	1.1	...	...
Chinese Taipei	268.0	102.2	28.0	137.9	20.4	178.2	89.8	4.4	3.2	59.7
Finland	29.3	15.8	7.5	6.0	1.4	26.5	2.8	10.3	\	1.5
France	2,657.0	505.9	722.7	1,425.1	285.7	1,301.5	1,355.4	191.5	177.7	555.8
Germany	1,986.7	479.7	445.8	924.3	222.1	1,276.4	710.3	815.4	307.7	276.1
Greece	107.0	11.2	49.2	46.6	3.5	71.8	35.3	1.6	1.3	0.7
India	63.7	21.0	2.1	34.2	0.0	42.0	21.7	10.8	24.7	1.8
Ireland	91.4	11.5	12.7	67.2	7.2	32.7	58.7	7.2	0.5	2.9
Italy	788.0	111.3	209.2	466.9	103.0	338.3	449.7	35.3	186.4	399.2
Korea	156.5	55.3	7.3	84.3	10.4	121.5	35.0	14.2	73.5	68.4
Japan	3,854.6	389.8	1,136.2	2,328.6	815.3	3,010.4	844.2	57.9	96.2	473.1
Netherlands	1,177.0	185.0	244.0	746.9	134.6	500.5	676.5	229.7	55.2	136.8
Portugal	94.1	11.4	27.0	55.6	...	46.5	47.6	3.2	3.3	4.5
Singapore	446.3	98.3	59.7	288.2	33.2	206.6	239.6	18.3	38.0	103.4
Spain	1,545.3	113.4	350.6	1,081.3	...	275.8	1,269.5	167.8	70.2	307.9
Sweden	816.6	88.1	227.1	499.8	87.4	257.8	558.8	121.0	49.9	98.1
Switzerland	1,116.5	217.9	330.5	532.5	268.3	593.1	523.4	406.3	507.4	178.4
Turkey	20.2	7.1	0.9	10.4	0.2	15.1	5.2	2.5	1.8	0.0
United Kingdom	3,116.9	426.9	984.1	1,705.7	572.3	1,269.0	1,847.9	662.8	817.5	511.0
United States	3,010.1	508.9	837.3	1,663.9	936.3	1,705.0	1,305.1	303.2	1,280.1	753.5

¹ Excluding claims and other potential exposures to the country where the controlling parent is located, ie positions on residents of banks' home country.

B4 Residence of counterparty, by nationality of reporting bank

Table B4 presents CBS-reporting banks' positions on an immediate counterparty and ultimate risk basis on residents of individual countries. The table distinguishes between foreign banks and domestic banks, where foreign banks are banks with a controlling parent located in a country other than the one where the counterparty resides. The total for foreign banks includes positions of banks with controlling parents located outside CBS-reporting countries.¹⁴ The total for foreign banks controlled by parents in CBS-reporting countries includes positions of selected CBS-reporting countries that are not shown for confidentiality reasons.

Positions of domestic banks on residents of these banks' home country are available only for CBS-reporting countries. Positions of banks that are not internationally active are excluded; therefore, the positions of CBS-reporting banks may underestimate those for the population of banks of a given nationality.

Data for additional countries are available on the BIS website (www.bis.org/statistics/consstats.htm).

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Consolidated positions on counterparties resident in Argentina

Amounts outstanding, in millions of US dollars

Table B4

	Claims												Other potential exposures (not included in claims) on an ultimate risk basis					
	Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹												
	Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector									
		Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments					
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16			
Foreign banks	41,356	18,246	11,080	23,109	-1,396	34,253	1,057	11,920	21,188	413	276	1,802	2,779					
Of which: parents in CBS rep countries	41,019	17,909	10,868	23,109	-1,396	34,253	1,057	11,920	21,188	413	276	1,802	2,779					
Australia	65	65	0	...	4	69	5	...	64	...	...	...	0	0	0
Austria	22	22	7	...	-14	8	...	2	6	...	0	0	0	0	3			
Belgium	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brazil	3,958	2,077	918	1,881	-110	...	...	...	...	...	...	...	...	...	...
Canada	24	24	\	...	\	32	\	\	25	\	...	...	...	...	...
Chile	17	17	17	...	...	17	...	...	10	...	...	...	...	...	...
Chinese Taipei	2	2	2	...	1	3	...	...	3	...	...	...	...	...	...
Finland	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
France	1,025	848	357	177	-251	774	169	159	416	19	2	27	115					
Germany	775	\	\	\	380	1,155	86	627	392	8	...	272	8					
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	0	0	0	...	...	0	...	0	...	...	...	...	...	...	...
Italy	127	127	26	\	\	127	9	100	17	...	\	7	\	7	\			
Japan	858	839	417	20	-245	613	9	223	382	5	14	181	...	...	...
Korea	44	44	41	...	-1	44	27	...	17	...	9	3	0	0	0			
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	1,510	\	\	...	\	1,323	\	\	\	\	...	\	...	\	\			
Panama	308	308	268	...	...	...	...	...	...	...	...	...	...	...	...
Spain	18,993	5,212	3,318	13,781	-242	18,751	207	6,686	11,858	...	7	280	554					
Sweden	1	1	0	...	0	1	0	...	1	...	0	0	0	0	0			
Switzerland	1,176	1,176	434	...	15	\	...	...	...	...	1	94	6		
Turkey	0	0	...	...	...	0	\	...	...	...	...	...	...	...	...
United Kingdom	4,876	1,619	1,413	3,257	-82	4,794	209	1,727	2,858	60	51	322	117					
United States	7,201	3,410	2,684	3,791	-675	6,525	331	2,378	3,816	251	19	584	1,955					
Memo: Domestic banks ²																		
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Australia

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		480,263	271,715	84,343	208,547	-20,204	422,402	109,957	69,850	238,797	40,333	44,047	63,837	72,069				
Of which: parents in CBS rep countries		458,314	249,766	76,598	208,547	-20,204	422,402	109,957	69,850	238,797	40,333	44,047	63,837	72,069				
Australia		...	...	...	...	...	...	...	...	...	...	...	...	...
Austria		652	652	98	...	3	656	490	0	152	...	10	1	0				
Belgium		1,601	1,601	152	...	41	1,642	476	17	1,149	529	\	\	\				
Brazil		83	83	73	...	...	...	...	...	...	...	...	...	...
Canada		19,795	16,502	5,801	\	-942	18,853	9,209	\	5,197	1,811	\	248	2,776				
Chile		16	16	13	...	...	16	15	...	0	...	...	...	...
Chinese Taipei		12,295	9,013	2,197	3,282	-2,525	9,771	5,279	285	4,207	442	98	146	974				
Finland		352	352	\	...	...	352	\	...	2	...	\	\	...		
France		25,050	17,049	5,944	8,001	-740	24,310	6,371	7,313	10,626	1,058	2,471	1,567	5,060				
Germany		25,839	\	\	\	-993	24,846	9,044	3,492	11,934	1,320	10,531	3,540	1,544				
Greece		31	31	22	...	1	32	23	...	9	...	...	...	...
Ireland		578	578	49	...	6	584	373	0	210	2	12	0	2				
Italy		1,475	1,475	297	\	\	1,039	239	12	788	28	59	1,563	33				
Japan		126,818	93,862	18,422	32,956	-12,379	114,440	29,141	23,749	61,550	13,275	1,891	1,929	12,737				
Korea		4,702	4,418	1,818	284	-5	4,697	1,553	65	3,032	384	476	1,164	480				
Mexico		0	0	\	...	...	...	...	...	...	...	...	...	...
Netherlands		60,811	3,543	\	57,268	\	61,525	\	\	\	\	\	\	\				
Panama		20	20	8	...	...	...	...	...	...	...	...	...	...
Spain		\	2,168	285	\	-72	2,266	897	...	1,369	...	\	150	377				
Sweden		1,118	\	\	...	-22	1,096	662	0	427	57	115	21	8				
Switzerland		10,909	10,909	3,791	...	3,589	\	...	...	...	...	7,358	1,148	3,605
Turkey		23	23	\	...	\	54	\	...	\	...	\	\	...				
United Kingdom		45,860	22,771	6,731	23,089	908	46,768	10,824	7,509	28,435	2,583	9,244	13,989	10,003				
United States		91,856	31,557	15,814	60,299	-3,016	88,835	22,623	20,290	45,922	18,115	5,630	35,416	23,725				
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		43,561	43,561	24,240	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Belgium

Amounts outstanding, in millions of US dollars

Table B4

	Claims												Other potential exposures (not included in claims) on an ultimate risk basis					
	Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹												
	Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector									
	Total	Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments					
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16			
Foreign banks	459,488	185,540	70,953	273,948	10,997	439,263	37,216	145,477	255,280	17,249	51,724	36,589	74,806					
Of which: parents in CBS rep countries	445,841	171,893	66,347	273,948	10,997	439,263	37,216	145,477	255,280	17,249	51,724	36,589	74,806					
Australia	985	985	300	0	-13	972	628	215	129	...	53	48	83					
Austria	1,840	1,840	616	...	-4	1,836	771	759	306	...	222	50	133					
Belgium	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brazil	153	153	17	...	-22	...	...	...	...	...	...	...	...	...	...
Canada	2,905	2,903	\	\	\	2,922	115	\	1,161	199	\	25	134					
Chile	1	1	1	...	...	1	0	0	0	0	...	...	...	...	...
Chinese Taipei	191	144	87	47	31	221	85	51	85	1	5	21	19					
Finland	1,296	1,296	63	...	\	1,588	731	836	21	2	...	...	\			
France	198,771	40,971	19,522	157,800	2,910	201,681	12,939	62,541	126,009	6,557	8,409	9,518	27,080					
Germany	26,950	\	\	\	433	27,383	5,202	12,040	9,089	2,632	7,462	3,492	5,322					
Greece	559	559	394	...	...	559	420	120	20	11	...	6	...			
Ireland	1,099	1,099	83	...	191	1,290	467	604	219	2	10	53	14					
Italy	6,790	5,933	2,147	\	\	6,514	1,747	2,650	2,117	623	534	750	3,844					
Japan	26,098	19,250	3,563	6,848	145	26,243	2,424	18,977	4,843	310	98	302	4,846					
Korea	460	460	438	...	...	460	369	...	91	3	3	51	0			
Mexico	9	9	\	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\			
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	5,766	4,242	1,543	1,524	-342	5,424	1,127	456	3,840	...	1,173	293	2,058					
Sweden	3,803	3,803	2,407	...	66	3,869	1,297	736	1,827	27	643	164	873					
Switzerland	6,022	6,022	4,062	...	5,545	\	...	...	...	...	1,124	420	477		
Turkey	149	149	\	...	\	61	\	...	\	...	\	\	...	...	...
United Kingdom	9,502	9,433	2,641	69	118	9,620	2,440	4,022	3,158	277	22,347	4,908	6,333					
United States	18,103	14,179	7,896	3,924	1,655	19,757	3,320	8,490	7,947	2,995	2,593	10,999	6,773					
Memo: Domestic banks ²																		
Worldwide offices (consolidated)	281,140	3,856	2,603	277,283	396	281,535	4,203	79,921	192,708	9,043	\	\	\					
Foreign offices (unconsolidated)	13,627	13,627	12,296	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Brazil

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		353,915	151,131	68,952	202,785	25,932	370,582	63,792	126,260	179,775	6,775	13,951	56,349	42,169				
Of which: parents in CBS rep countries		352,311	149,527	68,242	202,785	25,932	370,582	63,792	126,260	179,775	6,775	13,951	56,349	42,169				
Australia		501	486	248	15	293	794	366	52	375	...	169	0	0				
Austria		313	313	291	...	1	313	292	7	14	...	...	127	5		
Belgium		239	237	230	2	-3	236	17	1	218	...	...	...	...
Brazil		...	...	...	...	...	...	...	...	...	...	...	...	...
Canada		8,295	7,412	3,738	\	\	8,421	2,307	1,172	\	\	12	\	352				
Chile		841	841	606	...	...	841	642	...	145	...	...	...	...
Chinese Taipei		269	269	111	...	261	531	334	5	192	...	...	...	41	
Finland		...	...	...	...	...	...	...	...	...	...	...	\	...
France		25,248	17,786	5,776	7,463	-579	24,669	4,749	3,705	16,061	554	992	2,368	3,430				
Germany		8,724	\	\	\	3,454	12,178	5,443	2,099	4,117	655	535	2,410	293				
Greece		...	...	...	...	...	...	...	...	...	...	1	...	...		
Ireland		17	17	16	...	2	19	16	...	3	...	...	...	...
Italy		1,341	1,214	768	\	\	4,016	3,368	161	487	6	\	425	368				
Japan		28,046	24,563	6,980	3,483	3,980	32,025	8,001	7,253	16,772	667	475	835	1,914				
Korea		2,187	2,187	561	...	-61	2,126	845	1	1,280	...	...	705	18		
Mexico		11	11	\	...	...	...	...	...	...	...	...	...	...
Netherlands		14,830	\	\	\	\	16,718	\	\	\	\	\	\	\				
Panama		927	927	362	...	...	...	...	...	...	...	...	...	...
Spain		158,393	13,597	6,343	144,795	-1,006	157,387	3,797	73,340	80,250	...	5,475	10,669	28,645				
Sweden		1,611	1,611	799	...	-859	752	220	100	432	37	1	18	43				
Switzerland		5,233	5,233	2,183	...	1,398	\	...	...	...	...	1,123	512	14
Turkey		0	0	\	...	0	...	...	...	\	...	...	\	...
United Kingdom		13,111	12,131	5,130	980	3,658	16,769	6,242	3,380	7,146	721	569	19,655	1,821				
United States		77,718	44,911	27,521	32,807	9,607	87,301	21,953	32,142	33,206	3,051	4,162	17,405	4,398				
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		45,885	45,885	34,225	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Canada

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		411,000	272,657	87,191	138,343	13,475	412,878	121,745	78,145	211,552	56,362	55,406	59,197	128,044			
Of which: parents in CBS rep countries		402,313	263,970	85,350	138,343	13,475	412,878	121,745	78,145	211,552	56,362	55,406	59,197	128,044			
Australia		8,757	8,016	1,896	740	2,741	11,498	7,162	2,402	1,933	...	1,439	124	472			
Austria		993	993	224	...	-3	990	454	179	352	...	36	26	208			
Belgium		2,313	2,313	910	...	122	2,435	1,459	425	551	406	\	\	\			
Brazil		726	726	413	...	1	...	...	...	...	...	...	...	...
Canada		...	...	...	...	...	...	...	...	...	...	...	...	...
Chile		20	20	4	...	...	20	6	...	...	...	2	...	...	
Chinese Taipei		3,395	2,366	495	1,029	65	3,460	2,256	20	1,184	34	30	10	201			
Finland		2,420	2,420	\	...	\	2,420	2,200	\	...	...	\	...	...
France		25,615	21,853	6,806	3,762	-168	25,447	10,476	6,648	8,323	4,937	4,201	1,567	9,166			
Germany		33,749	\	\	\	-135	33,614	16,511	5,748	10,400	3,114	7,114	1,154	1,788			
Greece		46	46	38	...	0	46	39	...	8	...	...	3	...	
Ireland		1,367	1,367	54	...	13	1,380	1,233	...	147	1	427	...	3			
Italy		2,366	2,366	655	...	\	2,376	723	690	963	109	115	461	90			
Japan		68,470	52,906	7,942	15,563	-875	67,595	18,110	14,178	35,307	10,430	2,253	1,835	15,537			
Korea		2,360	937	409	1,423	-122	2,239	281	111	1,533	32	140	1,110	433			
Mexico		255	255	\	...	...	...	...	...	...	...	...	...	...
Netherlands		15,191	\	\	\	\	16,408	\	\	\	\	\	\	\			
Panama		748	748	660	...	...	...	...	...	...	...	...	...	...
Spain		\	2,693	985	\	-7	2,939	879	\	2,034	...	991	32	157			
Sweden		3,201	3,201	1,069	...	-59	3,142	2,406	354	379	106	123	194	40			
Switzerland		18,391	17,224	4,163	1,168	6,184	24,575	8,667	3,040	12,724	3,055	7,828	10,151	2,965			
Turkey		11	11	\	...	\	91	\	...	\	...	\	\	...			
United Kingdom		85,256	31,946	11,141	53,310	3,174	88,430	11,027	23,072	54,331	12,807	14,936	9,211	14,416			
United States		110,185	59,427	35,031	50,758	535	110,749	25,960	18,738	66,051	18,056	12,655	32,237	78,498			
Memo: Domestic banks ²																	
Worldwide offices (consolidated)		1,880,710	104,685	33,032	1,776,026	1,571	1,882,282	78,418	466,356	1,331,704	168,375	58,106	81,504	185,500			
Foreign offices (unconsolidated)		146,244	146,244	83,808	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in China

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty			Non-bank private sector						
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16			
Foreign banks		988,814	742,212	509,938	246,603	72,725	657,551	249,687	94,613	311,084	35,888	16,565	71,797	56,384			
Of which: parents in CBS rep countries		604,365	357,763	233,168	246,603	72,725	657,551	249,687	94,613	311,084	35,888	16,565	71,797	56,384			
Australia		27,099	22,598	11,478	4,501	1,814	28,913	11,953	2,122	14,826	...	887	2,928	1,483			
Austria		797	782	327	15	-283	514	285	97	132	...	0	165	60			
Belgium		1,008	778	652	230	-8	1,000	546	26	427	...	\	\	\			
Brazil		73	73	59	...	...	...	...	...	...	...	...	...	...
Canada		7,096	5,714	3,890	1,382	-174	6,922	3,930	404	2,573	140	631	144	\			
Chile		184	184	184	...	...	184	92	...	32	...	...	...	...
Chinese Taipei		36,821	20,814	13,299	16,007	15,910	52,732	28,843	2,268	21,621	4,654	90	1,253	11,535			
Finland		\	\	\	...	\	\	\	...	...	...	...	\	...
France		44,182	37,280	24,427	6,902	-1,014	43,168	13,924	8,282	20,962	1,691	3,172	4,895	3,153			
Germany		27,207	\	\	\	-849	26,358	8,977	6,176	9,940	1,261	523	8,578	1,826			
Greece		57	57	55	...	...	57	39	...	19	...	1	...	...	
Ireland		8	8	2	...	20	28	1	0	27	...	...	...	0
Italy		5,647	4,676	2,731	971	\	2,988	1,692	135	1,158	369	4	943	523			
Japan		68,763	28,542	16,534	40,221	-554	68,208	22,399	11,564	34,246	6,806	1,400	2,696	1,538			
Korea		20,187	11,098	8,308	9,089	-1,347	18,841	7,607	333	10,100	266	6	2,504	1,635			
Mexico		2	2	\	...	...	...	...	...	...	...	...	...	...
Netherlands		\	\	\	\	\	\	\	\	\	\	\	\	\			
Panama		35	35	30	...	...	...	...	...	...	...	...	...	...
Spain		3,573	2,488	740	1,085	1,489	5,062	2,478	\	2,571	...	57	981	8			
Sweden		3,945	3,060	2,031	885	-323	3,622	1,168	232	2,208	105	117	196	446			
Switzerland		15,568	15,568	10,761	...	1,617	\	...	...	...	...	286	1,064	71
Turkey		10	10	\	...	\	11	\	...	...	...	...	\	\
United Kingdom		139,088	68,676	40,633	70,413	11,715	150,803	44,464	35,779	70,561	4,403	3,246	16,387	9,768			
United States		78,938	48,549	43,898	30,389	3,716	82,703	24,688	17,991	40,024	9,482	4,599	16,321	5,401			
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in France

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		1,077,219	933,936	458,818	143,284	6,604	1,011,291	316,940	287,106	396,496	136,223	276,295	267,095	221,876			
Of which: parents in CBS rep countries		1,029,148	886,989	428,871	142,160	6,604	1,011,291	316,940	287,106	396,496	136,223	276,295	267,095	221,876			
Australia		10,470	10,470	7,378	0	-1,269	9,201	4,559	2,152	2,489	...	2,937	1,315	372			
Austria		9,406	9,406	3,387	...	-241	9,165	5,751	1,462	1,970	...	3,668	108	659			
Belgium		19,798	18,371	7,115	1,427	-1,696	18,103	6,355	7,915	3,788	1,436	\	\	\			
Brazil		2,765	2,575	1,531	190	93	...	...	...	...	...	...	...	...
Canada		28,272	27,645	21,049	\	505	28,777	9,027	13,762	5,945	2,280	12,400	1,381	\			
Chile		206	206	43	...	...	206	205	...	...	...	169	...	...	
Chinese Taipei		5,404	5,303	1,412	101	2,948	8,352	7,060	78	1,214	272	837	48	102			
Finland		3,002	3,002	743	...	\	3,004	2,562	346	95	34	973	\	\			
France		...	...	...	...	...	...	...	...	...	...	...	...	...
Germany		170,185	156,568	54,512	13,617	-22,295	147,890	57,828	34,411	48,251	6,612	68,025	14,795	18,366			
Greece		758	758	268	...	17	775	509	192	74	...	365	7	...			
Ireland		4,325	3,808	725	517	122	4,447	1,645	1,590	1,211	368	776	1	227			
Italy		41,227	38,809	11,933	2,418	\	43,935	16,173	12,804	14,956	3,945	2,206	18,841	14,958			
Japan		177,475	163,590	25,134	13,884	8,050	185,525	35,435	107,993	42,097	2,943	5,390	1,893	19,880			
Korea		1,554	1,511	931	43	-10	1,544	1,044	37	459	25	3,613	966	97			
Mexico		185	185	\	...	...	...	...	...	...	...	...	...	...
Netherlands		89,882	72,900	\	16,983	\	89,462	\	\	\	\	\	\	\			
Panama		5	5	1	...	...	...	...	...	...	...	...	...	...
Spain		44,383	29,563	20,904	14,820	764	45,147	18,897	3,208	23,042	...	17,962	2,448	31,424			
Sweden		11,407	\	\	\	1,717	13,124	5,022	2,559	5,515	2,404	8,928	1,292	458			
Switzerland		62,700	57,814	35,259	4,886	1,789	64,489	21,424	16,567	23,344	5,087	30,454	25,927	7,863			
Turkey		474	474	\	...	\	641	\	...	\	...	\	\	...			
United Kingdom		139,734	79,962	40,210	59,772	3,870	143,604	41,435	26,746	75,423	16,087	63,908	44,851	44,063			
United States		168,635	158,579	132,624	10,056	8,953	177,578	36,971	31,113	109,494	82,878	20,916	150,277	64,723			
Memo: Domestic banks ²																	
Worldwide offices (consolidated)		3,737,069	800,159	252,647	2,936,910	12,969	3,750,038	360,138	987,336	2,402,564	233,451	44,002	112,485	494,808			
Foreign offices (unconsolidated)		475,093	475,093	336,243	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Germany

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis		
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹							
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector		Derivatives contracts	Guarantees extended	Credit commitments
		Total	Total	Of which: Up to and including one year			Total	Banks	Official sector	Total	Of which: Non-bank financial			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Foreign banks		1,366,359	757,681	343,161	608,678	86,148	1,354,641	262,806	529,107	558,724	98,037	318,052	245,219	261,381
Of which: parents in CBS rep countries		1,306,708	718,026	316,165	588,683	86,148	1,354,641	262,806	529,107	558,724	98,037	318,052	245,219	261,381
Australia		8,591	8,438	3,623	153	1,420	10,011	4,585	3,103	2,323	...	1,508	755	2,069
Austria		33,576	27,865	9,370	5,711	509	34,085	7,639	5,268	20,232	...	4,313	2,097	6,198
Belgium		8,273	8,128	6,752	146	1,040	9,313	6,996	1,075	1,241	149	\	\	\
Brazil		1,221	1,097	692	124	72	...	...	...	...	...	...	...	...
Canada		26,392	26,390	8,934	\	4,062	30,453	2,648	19,991	7,419	1,956	12,312	658	\
Chile		140	140	109	...	...	140	33	...	10	...	...	...	...
Chinese Taipei		3,687	3,687	2,112	...	1,810	5,497	4,140	155	1,202	91	173	63	145
Finland		4,301	4,301	279	...	1	4,302	1,307	2,942	54	\	1,174	\	\
France		155,429	84,752	39,815	70,677	5,894	161,323	38,912	38,751	83,260	3,750	33,321	8,473	41,265
Germany		...	...	...	...	...	...	...	...	...	...	...	...	...
Greece		1,754	1,671	889	83	27	1,781	1,539	161	81	6	378	35	1
Ireland		752	752	123	...	453	1,205	386	219	600	...	533	28	122
Italy		195,359	41,039	15,662	154,320	\	204,582	25,376	48,165	131,040	34,491	14,617	27,575	33,155
Japan		98,621	89,155	13,876	9,466	18,193	116,814	20,245	57,749	38,820	4,288	1,630	1,481	13,082
Korea		3,514	3,253	2,914	260	-3	3,511	2,087	590	788	0	922	1,035	162
Mexico		57	57	\	...	...	...	...	...	...	...	...	...	...
Netherlands		165,733	\	\	\	\	170,732	\	\	\	\	\	\	\
Panama		303	303	99	...	...	...	...	...	...	...	...	...	...
Spain		\	11,359	5,355	\	1,047	53,539	6,018	3,347	44,174	...	13,001	1,236	11,472
Sweden		50,588	\	\	\	881	51,469	8,357	27,153	15,934	7,405	9,951	4,866	8,737
Switzerland		81,742	78,020	37,844	3,722	7,468	89,210	32,736	35,561	19,437	8,446	69,564	20,718	16,863
Turkey		2,631	2,631	\	...	\	2,572	\	...	\	...	\	\	...
United Kingdom		151,339	88,934	16,279	62,405	15,481	166,820	42,577	90,320	33,923	11,934	101,823	38,343	39,196
United States		195,545	115,267	74,941	80,278	12,355	207,882	28,294	135,270	44,318	19,787	30,938	133,937	70,201
Memo: Domestic banks ²														
Worldwide offices (consolidated)		4,839,019	150,405	31,299	4,688,614	269,907	5,108,926	1,473,774	765,944	1,740,617	241,597	152,341	...	382,576
Foreign offices (unconsolidated)		271,695	271,695	188,040	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Hong Kong SAR

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		843,980	363,934	236,176	480,047	-97,258	702,061	57,055	166,469	475,293	43,968	17,638	38,945	95,352			
Of which: parents in CBS rep countries		799,893	319,856	209,472	480,039	-97,258	702,061	57,055	166,469	475,293	43,968	17,638	38,945	95,352			
Australia		16,219	11,941	7,381	4,278	-4,760	11,460	1,666	1,766	8,024	...	1,186	1,078	1,655			
Austria		313	312	137	1	-82	231	195	0	20	...	11	0	103			
Belgium		502	369	315	133	-13	489	53	66	370	13	\	\	\			
Brazil		482	482	414	...	-25	...	...	...	...	...	...	...	...
Canada		4,266	1,998	1,194	2,267	\	4,278	456	865	2,951	\	675	31	\			
Chile		11	11	11	...	...	11	9	...	0	...	...	...	...
Chinese Taipei		31,042	27,570	19,050	3,472	-13,330	17,712	2,737	694	14,281	1,922	196	151	11,396			
Finland		14	14	13	...	\	12	\	...	\	...	...	\	\	
France		23,116	15,500	4,888	7,616	-287	22,828	2,799	5,253	14,776	861	1,513	2,762	5,486			
Germany		11,670	\	\	\	-687	10,983	2,777	385	6,374	780	2,752	1,973	526			
Greece		52	52	9	...	...	52	1	...	51	...	3	...	...	
Ireland		61	61	3	...	-3	58	1	...	57	1	...	...	0	
Italy		864	731	416	133	\	788	111	138	539	55	33	377	219			
Japan		82,593	43,840	17,644	38,752	-13,526	69,067	6,911	8,805	53,351	5,225	2,030	1,160	16,198			
Korea		9,836	9,760	7,580	76	-424	9,412	4,517	108	4,439	320	291	1,409	555			
Mexico		0	0	\	...	...	...	...	...	...	...	...	...	...
Netherlands		13,641	10,126	\	3,515	\	9,946	\	\	\	\	\	\	\			
Panama		10	10	7	...	...	...	...	...	...	...	...	...	...
Spain		6,201	4,461	1,661	1,739	-1,816	4,384	2,690	\	1,026	...	165	277	197			
Sweden		1,258	\	\	\	-147	1,110	417	358	325	4	19	112	86			
Switzerland		37,360	26,837	18,038	10,523	-8,468	28,892	9,236	1,540	16,709	5,356	1,685	1,990	1,451			
Turkey		3	3	\	...	\	3	\	...	\	...	...	\	...	
United Kingdom		395,786	69,567	51,178	326,220	-24,601	371,185	8,722	123,864	238,598	12,896	2,962	8,235	16,779			
United States		65,341	35,866	29,801	29,475	-8,171	57,198	8,287	14,244	34,667	9,967	2,550	11,322	13,929			
Memo: Domestic banks ²		\	\	\	\	\	\	\	\	\	\	\	\	\			
Worldwide offices (consolidated)		3,563	3,563	2,499	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)																	

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in India

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		252,866	150,987	80,800	101,881	11,057	251,774	54,627	52,004	143,125	20,335	6,462	23,259	27,555				
Of which: parents in CBS rep countries		250,186	148,307	80,103	101,881	11,057	251,774	54,627	52,004	143,125	20,335	6,462	23,259	27,555				
Australia		5,567	4,492	2,444	1,075	1,001	6,568	1,953	1,298	3,317	...	253	281	651				
Austria		150	150	24	...	-76	74	55	...	18	...	...	90	0		
Belgium		102	61	58	41	5	106	73	8	25	...	\\	\\	\\				
Brazil		17	17	12	...	...	...	...	...	...	...	...	...	...
Canada		1,911	1,027	875	\\	-451	\\	327	\\	392	194	\\	97	\\				
Chile		...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei		3,595	3,464	893	131	1,891	5,485	2,788	205	2,492	400	8	32	353				
Finland		\\	\\	\\	...	\\	\\	\\	...	...	...	...	\\	...
France		17,016	11,213	5,824	5,803	73	17,088	4,740	2,799	9,517	1,483	316	2,965	476				
Germany		22,542	\\	\\	\\	-3,114	19,428	4,868	3,213	9,577	630	877	2,369	3,355				
Greece		...	...	...	...	...	...	...	...	...	...	...	1	...
Ireland		4	4	1	...	...	4	1	0	3	0	...	...	0
Italy		745	738	518	\\	\\	937	596	...	341	5	\\	586	84				
Japan		32,804	27,250	6,297	5,554	1,857	34,662	7,221	4,656	22,784	2,324	177	719	936				
Korea		4,486	3,539	1,042	946	-21	4,465	1,917	223	2,129	27	0	1,071	1,204				
Mexico		...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands		\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\				
Panama		2	2	1	...	...	...	...	...	...	...	...	...	...
Spain		\\	265	37	\\	-30	235	34	...	201	...	...	139	93		
Sweden		\\	\\	\\	...	\\	\\	\\	...	\\	...	\\	\\	\\				
Switzerland		9,003	9,003	3,945	...	349	\\	...	...	...	...	139	322	3
Turkey		0	0	\\	...	\\	8	\\	...	\\	...	...	\\	...		
United Kingdom		63,831	22,854	14,482	40,978	5,877	69,708	9,235	16,997	43,476	7,072	2,907	7,219	5,191				
United States		68,765	38,472	31,861	30,293	2,013	70,709	15,246	19,104	36,359	6,956	1,268	5,734	11,879				
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		37,097	37,097	21,433	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Indonesia

Amounts outstanding, in millions of US dollars

Table B4

	Claims												Other potential exposures (not included in claims) on an ultimate risk basis						
	Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹													
	Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector										
		Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial									
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks	146,376	105,573	47,750	40,802	-22,252	113,119	9,112	27,806	75,411	8,320	1,962	22,916	17,410						
Of which: parents in CBS rep countries	140,552	99,750	45,667	40,802	-22,252	113,119	9,112	27,806	75,411	8,320	1,962	22,916	17,410						
Australia	5,044	2,645	1,290	2,398	-876	4,168	305	867	2,943	...	25	198	216						
Austria	449	449	141	...	-126	323	33	102	187	...	1	1	2						
Belgium	15	15	9	...	...	15	11	...	4	...	...	...	\\	\\	\\	
Brazil	144	144	108	...	-11	...	...	...	...	...	...	...	...	...	...
Canada	343	343	341	...	-250	\\	\\	...	63	...	0	\\	...	...	...	
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	3,572	2,969	917	603	101	3,672	868	307	2,497	471	6	22	969						
Finland	...	...	...	...	...	...	...	...	...	...	...	...	\\	...	...
France	4,916	4,753	944	163	-908	4,007	423	1,186	2,398	45	130	380	358						
Germany	6,706	\\	\\	\\	-2,393	4,313	435	1,667	1,908	74	47	625	1,069						
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	0	0	0	...	0	0	0	...	0	...	...	...	...	...	...
Italy	758	758	48	...	\\	433	15	168	250	4	...	75	71						
Japan	33,159	25,669	8,640	7,491	-9,147	24,012	1,819	6,773	15,420	3,129	551	2,062	4,061						
Korea	7,512	5,970	1,788	1,542	-732	6,780	494	1,710	4,172	153	3	1,827	312						
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	3,472	\\	\\	\\	\\	3,107	\\	\\	\\	\\	\\	\\	\\	\\	\\				
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	25	25	4	...	-22	3	...	\\	1	...	...	11	0				
Sweden	84	84	43	...	-30	55	1	11	42	...	0	17	28						
Switzerland	5,514	5,514	4,020	...	-475	\\	...	...	...	...	8	2,138	25		
Turkey	0	0	\\	...	\\	0	\\	...	\\	...	...	\\	...	...	...
United Kingdom	16,871	10,130	5,439	6,741	-1,430	15,441	1,306	3,339	10,766	577	704	7,492	882						
United States	15,903	11,824	10,552	4,079	-1,845	14,077	1,482	5,951	6,644	740	147	4,446	2,810						
Memo: Domestic banks ²																			
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Italy

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		654,351	333,161	121,270	321,190	11,443	620,044	79,532	212,564	316,061	23,025	85,520	185,610	70,266				
Of which: parents in CBS rep countries		611,749	310,835	117,372	300,914	11,443	620,044	79,532	212,564	316,061	23,025	85,520	185,610	70,266				
Australia		602	602	516	...	191	793	546	44	203	...	133	94	20				
Austria		6,024	5,711	2,322	313	288	6,312	1,108	2,142	3,027	...	77	141	217				
Belgium		7,685	7,605	1,019	81	2,014	9,700	625	7,914	1,160	824	\	\	\				
Brazil		929	447	185	482	-6	...	...	...	...	...	...	...	...
Canada		\	\	\	\	\	\	\	\	93	37	396	\	...				
Chile		1	1	1	...	...	1	1	...	...	...	...	...	...
Chinese Taipei		214	214	122	...	-46	168	45	...	123	...	...	7	5		
Finland		...	...	...	...	...	...	...	...	...	...	...	...	\
France		286,801	83,650	28,777	203,151	2,139	288,941	37,159	60,341	191,384	5,564	17,069	14,496	36,736				
Germany		85,191	49,345	6,884	35,846	4,271	89,462	7,478	38,491	32,608	3,272	13,886	32,980	1,978				
Greece		205	205	113	...	2	207	154	34	19	...	47	51	...				
Ireland		1,333	1,333	1	...	56	1,389	1	1,279	109	4	82	6	5				
Italy		...	...	...	...	...	...	...	...	...	...	...	...	...
Japan		31,216	28,832	2,419	2,384	311	31,528	1,840	22,630	7,058	505	10	1,905	4,752				
Korea		394	394	374	...	-11	383	125	...	249	...	...	161	15		
Mexico		6	6	\	...	...	...	...	...	...	...	...	...	...
Netherlands		26,698	\	\	\	\	28,177	\	\	\	\	\	\	\				
Panama		...	...	...	...	...	...	...	...	...	...	...	...	...
Spain		59,350	49,036	20,795	10,313	747	60,097	7,638	39,311	13,148	...	2,629	6,408	6,154				
Sweden		696	696	297	...	113	809	107	42	657	49	680	402	9				
Switzerland		19,103	12,652	5,103	6,451	-9	19,094	2,979	8,943	6,686	1,718	5,966	6,630	2,388				
Turkey		341	341	\	...	\	479	\	...	\	...	\	\	...				
United Kingdom		22,986	7,388	3,649	15,598	1,047	24,033	2,503	1,330	20,200	1,798	14,506	42,301	7,965				
United States		50,928	45,912	36,734	5,016	-995	49,964	14,848	17,462	17,654	7,836	25,442	76,168	7,684				
Memo: Domestic banks ²																		
Worldwide offices (consolidated)		2,690,046	42,081	24,720	2,647,965	\	2,691,841	161,271	864,826	1,663,002	222,293	21,971	119,171	125,243				
Foreign offices (unconsolidated)		104,462	104,462	58,106	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Japan

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis		
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹							
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector		Derivatives contracts	Guarantees extended	Credit commitments
		Total	Total	Of which: Up to and including one year			Total	Banks	Official sector	Total	Of which: Non-bank financial			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Foreign banks		945,280	471,614	337,979	473,669	15,310	876,170	244,674	381,124	245,924	141,941	95,955	125,278	116,214
Of which: parents in CBS rep countries		888,906	415,724	293,889	473,183	15,310	876,170	244,674	381,124	245,924	141,941	95,955	125,278	116,214
Australia		21,637	7,113	4,673	14,524	5,142	26,779	3,130	17,597	6,051	...	847	482	1,649
Austria		110	110	76	...	3	113	87	0	25	...	...	27	5
Belgium		782	782	37	...	...	783	47	663	72	62	\	\	...
Brazil		154	129	40	25	...	...	...	...	...	...	...	...	...
Canada		24,637	20,462	13,373	\	694	25,331	4,727	15,867	4,720	2,067	2,173	14	\
Chile		12	12	5	...	...	12	6	...	...	...	...	...	...
Chinese Taipei		33,932	9,959	6,903	23,973	1,184	35,115	9,163	6,841	19,111	2,666	282	214	2,003
Finland		\	\	24	...	...	\	24	\	...	...	\	...	...
France		175,285	69,478	56,321	105,807	-4,808	170,477	38,955	85,766	45,734	24,788	3,951	1,666	16,852
Germany		50,734	\	\	\	-23,650	27,084	3,748	14,773	8,295	3,303	22,526	6,268	1,568
Greece		27	27	26	...	...	27	26	...	...	...	18	...	...
Ireland		22	22	21	...	68	90	16	...	74	72	100	0	0
Italy		8,076	2,191	985	5,885	\	8,043	373	6,753	916	353	31	390	22
Japan		...	...	...	...	...	...	...	...	...	...	...	...	...
Korea		11,471	5,758	5,287	5,713	-111	11,361	4,844	814	1,578	275	799	3,155	1,660
Mexico		144	144	\	...	...	...	...	...	...	...	...	...	...
Netherlands		12,231	5,488	\	6,743	\	17,679	\	\	\	\	\	\	\
Panama		110	110	106	...	...	...	...	...	...	...	...	...	...
Spain		\	6,310	2,711	\	187	6,518	1,604	\	2,344	...	216	223	3
Sweden		1,935	1,935	285	...	-197	1,738	262	193	1,274	84	23	17	16
Switzerland		22,454	22,454	12,282	...	4,000	\	...	...	...	...	25,184	10,522	256
Turkey		37	37	\	...	\	146	\	...	...	...	\	...	...
United Kingdom		136,330	68,728	20,332	67,603	13,188	149,519	44,870	78,575	26,074	17,483	26,478	20,036	2,766
United States		359,818	135,830	118,494	223,988	16,728	376,272	116,798	136,639	122,835	87,844	11,951	81,241	88,310
Memo: Domestic banks ²														
Worldwide offices (consolidated)		15,930,421	...	...	...	160,533	16,090,954	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		468,896	468,896	437,508	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in South Korea

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty										
			Total	Of which: Up to and including one year				Banks	Official sector	Non-bank private sector								
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		270,858	150,927	88,255	119,929	27,815	271,111	49,865	67,851	152,642	22,097	13,698	49,645	26,009				
Of which: parents in CBS rep countries		253,390	133,459	74,892	119,929	27,815	271,111	49,865	67,851	152,642	22,097	13,698	49,645	26,009				
Australia		6,506	5,244	3,796	1,262	-642	5,865	2,603	1,177	2,085	...	114	1,287	237				
Austria		378	378	249	...	52	430	312	25	91	...	...	21	9		
Belgium		162	162	97	...	-27	135	33	79	23	...	\\	\\	...				
Brazil		93	93	74	...	...	...	...	...	...	...	...	...	...
Canada		1,320	1,134	952	\\	398	1,718	547	213	959	\\	\\	18	\\				
Chile		36	36	36	...	...	36	21	...	0	...	...	...	...
Chinese Taipei		4,511	4,315	1,749	196	649	5,160	3,744	27	1,389	282	1	91	599				
Finland		\\	\\	...	...	...	\\	\\	...	\\	\\	...	\\	...	
France		17,257	13,986	5,053	3,270	3,177	20,434	3,302	8,192	8,756	1,939	1,097	2,479	3,349				
Germany		12,099	\\	\\	\\	1,921	14,020	3,788	6,089	3,592	605	2,479	1,699	346				
Greece		...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland		0	0	...	...	...	0	...	...	0	...	...	...	2
Italy		213	213	156	...	...	474	162	77	235	110	\\	155	69		
Japan		48,691	30,126	9,433	18,565	12,779	61,470	8,455	9,280	43,735	7,180	555	1,435	2,339				
Korea		...	...	...	...	...	...	...	...	...	...	...	...	...
Mexico		...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands		\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\	\\				
Panama		15	15	11	...	...	...	...	...	...	...	...	...	...
Spain		\\	262	155	\\	702	1,013	\\	\\	895	...	\\	560	32				
Sweden		297	297	161	...	251	549	228	79	241	83	2	4	143				
Switzerland		7,611	7,611	4,322	...	2,195	\\	...	...	...	...	1,138	2,273	3
Turkey		1	1	\\	...	\\	146	\\	...	\\	...	...	\\	...		
United Kingdom		63,613	16,626	9,428	46,987	3,763	67,377	12,527	13,887	40,962	2,779	2,306	13,435	1,603				
United States		72,714	31,763	27,865	40,951	1,619	74,326	7,225	25,942	41,159	5,258	2,447	20,380	16,502				
Memo: Domestic banks ²																		
Worldwide offices (consolidated)		1,706,804	61,529	46,058	1,645,275	6,126	1,712,930	66,502	173,089	1,470,056	118,133	8,735	49,056	318,559				
Foreign offices (unconsolidated)		11,734	11,734	7,951	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Malaysia

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		159,567	73,326	36,047	86,240	2,899	153,042	20,089	34,476	97,804	10,788	5,139	24,248	25,093				
Of which: parents in CBS rep countries		152,675	66,435	32,541	86,240	2,899	153,042	20,089	34,476	97,804	10,788	5,139	24,248	25,093				
Australia		2,071	2,046	664	25	-325	1,746	422	401	921	...	109	177	41				
Austria		32	32	29	...	0	32	16	...	16	...	...	0	0		
Belgium		4	4	1	...	...	4	1	...	3	...	\\	\\	\\		
Brazil		42	42	32	...	...	...	...	...	...	...	...	...	...
Canada		\\	\\	\\	\\	-95	\\	\\	\\	\\	\\	9	\\	\\				
Chile		...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei		2,385	2,362	940	23	12	2,398	1,819	6	573	283	2	130	229				
Finland		...	...	...	...	...	...	...	...	...	...	...	...	...
France		3,042	2,325	966	717	-134	2,907	295	1,420	1,193	22	156	372	204				
Germany		3,298	\\	\\	\\	-890	2,408	736	590	586	180	672	2,105	5				
Greece		...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland		6	6	0	...	...	6	0	...	6	...	...	...	0
Italy		47	47	7	...	\\	82	3	21	58	14	\\	26	3				
Japan		23,655	18,772	6,903	4,883	1,507	25,162	4,141	6,048	14,973	2,656	2,236	1,267	955				
Korea		1,662	1,662	1,226	...	-16	1,646	1,123	5	508	69	...	625	8				
Mexico		6	6	\\	...	...	...	...	...	...	...	...	...	...
Netherlands		977	\\	\\	\\	\\	993	\\	\\	\\	\\	\\	\\	\\				
Panama		...	...	...	...	...	...	...	...	...	...	...	...	...
Spain		69	69	58	...	14	83	\\	...	82	...	...	8	1		
Sweden		\\	\\	\\	...	\\	\\	\\	...	\\	\\	\\	\\	\\				
Switzerland		2,743	2,743	2,125	...	-299	\\	...	...	...	...	26	116	6
Turkey		3	3	...	...	...	3	...	...	\\	...	...	\\	...
United Kingdom		36,264	10,925	4,527	25,339	1,486	37,751	3,302	11,530	22,771	1,337	627	7,268	6,532				
United States		15,600	6,776	5,315	8,824	-333	15,265	1,699	5,851	7,715	915	367	8,336	6,313				
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Mexico

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		343,602	132,302	45,903	211,299	-21,611	314,000	20,370	100,430	192,831	12,467	21,976	39,195	50,235				
Of which: parents in CBS rep countries		342,107	130,807	45,165	211,299	-21,611	314,000	20,370	100,430	192,831	12,467	21,976	39,195	50,235				
Australia		451	451	14	..	-1	450	2	78	370	..	16	2	0				
Austria		110	110	3	..	-13	97	0	67	29	..	0	9	1				
Belgium		169	169	11	..	-2	167	1	119	47	1	..	\	..				
Brazil		461	461	71	..	-96	..	..	..	..	..	..	..	..
Canada		\	\	1,600	\	-989	\	\	\	\	\	45	\	396				
Chile		324	324	176	..	..	324	72	..	228	..	..	..	..
Chinese Taipei		197	197	25	..	-1	196	1	75	120	1	..	..	..	
Finland		..	..	..	..	..	..	..	..	..	..	..	\	..
France		9,286	8,524	2,463	762	-1,474	7,812	396	1,176	6,240	17	2,109	447	1,870				
Germany		4,907	\	\	\	-2,125	2,782	3	728	1,792	96	2,581	281	434				
Greece		..	..	..	..	..	..	..	..	..	..	..	..	..
Ireland		40	40	19	..	0	40	0	19	20	0	..	..	4		
Italy		1,137	1,137	341	\	\	706	10	137	560	4	56	284	618				
Japan		23,854	23,416	4,354	438	-6,852	17,002	1,137	7,259	8,607	1,129	304	97	2,570				
Korea		2,445	2,445	1,033	..	-150	2,295	31	5	2,192	183	5	406	15				
Mexico		..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands		2,690	2,436	\	253	\	2,332	\	\	\	\	\	\	\				
Panama		1,132	1,132	498	..	..	..	..	..	..	..	..	..	..
Spain		141,765	29,831	8,556	111,933	-2,262	139,502	6,483	49,585	83,434	..	11,675	4,235	20,211				
Sweden		672	672	496	..	-257	415	0	..	415	0	0	13	77				
Switzerland		6,064	6,064	3,012	..	-1,131	\	..	..	..	..	1,202	113	320
Turkey		..	..	..	..	..	..	..	..	..	..	\	..	..
United Kingdom		31,627	11,550	3,573	20,076	-576	31,051	2,267	11,691	17,094	935	1,742	18,160	2,392				
United States		90,893	30,126	15,811	60,767	-4,728	86,171	7,104	25,629	53,438	9,207	2,148	14,378	20,669				
Memo: Domestic banks ²		..	..	..	..	..	..	..	..	..	..	..	..	..
Worldwide offices (consolidated)		..	..	..	..	..	..	..	..	..	..	..	..	..
Foreign offices (unconsolidated)		206	206	150	..	..	..	..	..	..	..	..	..	..

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Netherlands

Amounts outstanding, in millions of US dollars

Table B4

142

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		697,802	564,761	180,687	133,043	-58,404	566,769	120,344	144,250	293,160	110,058	135,861	120,471	100,360			
Of which: parents in CBS rep countries		669,949	536,925	173,467	133,026	-58,404	566,769	120,344	144,250	293,160	110,058	135,861	120,471	100,360			
Australia		6,172	6,104	2,100	69	1,177	7,349	3,988	1,015	2,346	...	1,092	535	921			
Austria		4,559	4,559	1,241	...	-142	4,417	1,661	783	1,973	...	268	123	862			
Belgium		24,552	10,218	2,204	14,334	50	24,602	1,299	789	22,491	2,179	\	\	\			
Brazil		3,116	3,116	1,031	...	-1,411	...	...	...	...	...	...	...	...
Canada		11,668	8,702	3,434	\	-607	11,062	1,833	5,465	3,600	\	460	1,636				
Chile		61	61	55	...	...	61	1	...	12	...	...	...	...
Chinese Taipei		4,239	4,079	698	160	-840	3,400	2,152	108	1,140	82	89	15	429			
Finland		2,162	2,162	437	...	...	2,162	815	...	381	5	\	\	\	
France		112,256	84,893	38,120	27,364	-1,328	110,928	31,324	22,460	56,318	22,830	12,838	3,480	19,767			
Germany		116,240	\	\	\	-31,358	84,882	29,712	11,673	35,561	16,010	32,354	10,458	11,743			
Greece		176	176	124	1	7	183	17	3	163	22	...	12	...			
Ireland		1,848	1,848	246	...	71	1,919	1,203	439	277	39	51	2	26			
Italy		19,716	19,419	4,358	\	\	19,447	4,678	962	13,806	4,810	662	9,975	7,572			
Japan		89,440	85,931	16,470	3,509	-15,023	74,417	14,898	15,516	44,003	20,680	2,119	2,134	8,567			
Korea		821	590	269	\	-1	820	220	237	363	30	738	182	40			
Mexico		42	42	\	...	...	...	...	...	...	...	...	...	...
Netherlands		...	...	...	...	...	...	...	...	...	...	...	...	...
Panama		37	37	6	...	...	...	...	...	...	...	...	...	...
Spain		16,804	14,245	5,344	2,559	-508	16,296	1,382	\	13,915	...	5,472	511	4,208			
Sweden		10,049	\	\	\	-132	9,916	1,506	1,447	6,946	645	3,307	960	2,495			
Switzerland		32,198	32,198	11,075	...	5,757	\	...	...	...	...	16,886	3,490	3,374
Turkey		999	999	\	...	\	1,187	\	...	...	...	\	\	...
United Kingdom		125,628	59,538	23,768	66,090	-5,083	120,545	13,335	68,250	38,960	23,725	39,233	17,104	14,659			
United States		68,500	64,216	28,101	4,284	-9,384	58,896	8,146	13,134	37,616	17,611	16,609	70,042	21,096			
Memo: Domestic banks ²																	
Worldwide offices (consolidated)		1,333,944	35,300	\	1,298,644	\	1,340,022	\	\	\	39,436	\	\	\			
Foreign offices (unconsolidated)		214,238	214,238	139,566	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Poland

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial						
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16			
Foreign banks		282,959	114,113	35,140	168,847	-7,499	268,616	12,053	80,308	159,693	8,371	3,236	15,316	35,769			
Of which: parents in CBS rep countries		277,652	109,225	33,603	168,428	-7,499	268,616	12,053	80,308	159,693	8,371	3,236	15,316	35,769			
Australia		55	55	23	...	-9	46	7	18	20	...	19	...	4			
Austria		20,734	13,109	3,237	7,625	81	20,815	500	7,513	12,797	...	75	487	2,003			
Belgium		1,637	1,620	120	17	33	1,670	29	1,455	184	48	\	\	\			
Brazil		...	...	...	...	...	...	...	...	...	...	...	...	...
Canada		119	119	69	...	\	117	35	\	69	...	\	\	\			
Chile		...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei		43	43	11	...	-2	41	...	32	9	3	...	...	16	
Finland		\	\	...	...	...	\	...	...	\	...	...	...	...
France		35,817	9,389	1,188	26,429	-314	35,504	1,507	7,070	26,910	2,854	551	1,627	6,937			
Germany		52,540	\	\	\	-5,406	47,134	625	14,446	15,565	2,690	721	...	4,580			
Greece		34	34	22	...	-20	14	1	6	7	...	...	...	...
Ireland		212	212	68	...	0	212	1	102	109	0	...	0	0			
Italy		44,513	10,275	3,026	34,238	\	44,203	595	11,893	31,715	1,368	236	1,894	4,175			
Japan		5,137	4,825	761	312	261	5,397	384	3,783	1,230	227	...	587	560			
Korea		319	319	265	...	-22	297	24	0	254	...	...	57	5	
Mexico		...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands		30,376	6,419	\	23,957	\	29,567	\	\	\	\	\	\	\			
Panama		...	...	...	...	...	...	...	...	...	...	...	...	...
Spain		36,590	9,409	2,117	27,181	-45	36,545	796	7,133	28,617	...	170	1,238	6,142			
Sweden		6,177	5,898	5,288	279	-101	6,076	4,556	415	1,100	174	189	2,143	125			
Switzerland		673	673	357	...	-117	\	...	...	...	...	163	37	0
Turkey		2	2	\	...	...	2	\	...	\	...	...	...	...
United Kingdom		9,734	8,566	7,574	1,168	-165	9,569	708	7,310	1,551	55	165	2,182	321			
United States		11,954	3,475	2,129	8,479	-454	11,501	607	5,536	5,358	582	142	3,663	5,569			
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Russia

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		121,176	81,421	27,927	39,757	-6,993	103,262	16,592	12,729	72,746	2,470	4,323	52,580	10,606			
Of which: parents in CBS rep countries		113,991	75,035	26,088	38,958	-6,993	103,262	16,592	12,729	72,746	2,470	4,323	52,580	10,606			
Australia		6	6	1	...	41	47	0	44	3	...	...	...	1
Austria		11,105	4,411	1,273	6,694	-214	10,891	976	996	8,918	...	212	1,434	1,877			
Belgium		365	365	175	...	-18	347	295	5	47	...	...	\	\	
Brazil		110	110	72	...	...	...	...	...	...	...	...	...	...
Canada		15	15	\	...	\	12	\	...	11	...	\	...	...	
Chile		...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei		391	391	81	...	41	434	209	40	185	...	...	2	180	
Finland		\	\	\	...	\	\	\	...	...	...	\	\	\
France		25,561	14,601	2,680	10,961	-2,163	23,398	2,864	2,470	18,064	45	761	2,049	1,842			
Germany		8,871	\	\	\	-1,379	7,492	2,828	707	3,022	156	36	1,406	1,667			
Greece		178	178	70	...	...	178	24	...	155	...	...	...	...
Ireland		1	1	1	...	...	1	1	...	0	...	...	...	...
Italy		20,141	11,168	2,429	8,974	\	19,495	1,970	2,306	15,219	296	615	4,856	771			
Japan		7,746	6,134	965	1,613	-596	7,150	1,086	1,019	5,045	476	104	641	571			
Korea		1,057	1,057	690	...	-16	1,041	99	103	784	...	0	375	7			
Mexico		...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands		9,285	5,903	\	3,383	\	9,444	\	\	\	\	\	\	\			
Panama		1	1	...	...	...	...	...	...	...	...	...	...	...
Spain		\	1,384	229	\	-1,013	421	\	\	315	...	0	28	48			
Sweden		\	\	\	\	\	\	\	\	\	\	\	\	\			
Switzerland		3,864	3,864	2,460	...	-600	\	...	...	...	...	740	419	131
Turkey		553	553	\	...	\	538	\	...	\	...	\	\	...			
United Kingdom		5,415	4,817	1,503	598	-394	5,021	1,572	504	2,945	295	1,039	19,685	868			
United States		12,509	7,344	5,199	5,165	517	13,048	2,171	3,098	7,779	991	445	18,834	1,379			
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Saudi Arabia

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		86,218	84,319	40,856	1,899	-16,776	64,174	12,241	23,637	28,172	4,109	3,868	11,840	11,224			
Of which: parents in CBS rep countries		81,707	79,808	39,513	1,899	-16,776	64,174	12,241	23,637	28,172	4,109	3,868	11,840	11,224			
Australia		33	33	14	..	-10	23	2	0	21	..	0	27	0			
Austria		32	32	14	..	-1	31	20	..	11	..	..	9	1	
Belgium		55	55	53	..	-16	39	26	..	13	..	..	..	..	\
Brazil		8	8	..	..	..	..	..	..	..	..	..	..	..	..
Canada		787	787	\	..	-379	\	\	\	\	..	6	3	\			
Chile		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei		165	165	40	..	-49	116	24	..	92	..	1	38	13			
Finland		..	..	..	..	..	..	..	..	..	..	..	..	..	..
France		13,618	13,355	5,146	264	-749	12,870	2,934	5,056	4,880	133	736	958	3,582			
Germany		6,376	\	\	..	-2,577	3,799	501	873	2,421	75	594	1,007	673			
Greece		1	1	..	..	..	1	..	..	1	..	..	..	..	..
Ireland		4	4	1	..	0	4	1	..	3	0	..	..	0	
Italy		281	281	203	..	..	243	47	4	192	..	\	194	24	
Japan		14,351	14,351	1,640	..	-5,106	9,245	534	3,068	5,643	236	122	184	2,806			
Korea		4,228	4,228	491	..	21	4,248	181	2	3,951	46	..	5,619	527			
Mexico		..	..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands		\	\	\	..	\	\	\	..	\	..	\	\	\			
Panama		..	..	..	..	..	..	..	..	..	..	..	..	..
Spain		568	568	122	..	-366	202	115	..	87	..	\	118	2			
Sweden		509	509	167	..	-436	73	15	..	58	..	..	13	3	
Switzerland		2,470	2,470	1,894	..	-1,727	\	..	..	..	..	35	212	41	
Turkey		52	34	\	\	\	52	\	\	\	\	\	\	..			
United Kingdom		22,358	22,334	15,457	23	-4,635	17,722	4,301	6,754	6,667	2,784	1,078	1,890	1,328			
United States		13,342	11,816	7,916	1,526	-508	12,849	1,869	7,876	3,104	810	1,281	973	1,707			
Memo: Domestic banks ²		..	..	..	..	..	..	..	..	..	..	..	..	..
Worldwide offices (consolidated)		..	..	..	..	..	..	..	..	..	..	..	..	..
Foreign offices (unconsolidated)		..	..	..	..	..	..	..	..	..	..	..	..	..

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Singapore

Amounts outstanding, in millions of US dollars

Table B4

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		Claims										Other potential exposures (not included in claims) on an ultimate risk basis			
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹								
		Total	International		Local positions in local currencies		Total	By sector of counterparty			Non-bank private sector	Derivatives contracts	Guarantees extended	Credit commitments	
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial				
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	
Foreign banks		422,510	280,147	179,437	142,361	-20,426	377,499	56,793	95,621	220,154	41,953	18,317	40,355	40,316	
Of which: parents in CBS rep countries		399,151	256,789	164,484	142,361	-20,426	377,499	56,793	95,621	220,154	41,953	18,317	40,355	40,316	
Australia		24,211	13,957	8,774	10,255	-2,959	21,252	2,435	5,232	13,568	...	1,509	2,206	2,698	
Austria		520	520	105	0	-47	473	2	93	377	...	0	35	26	
Belgium		651	350	226	300	-36	615	91	227	297	...	\	\	\	
Brazil		890	890	608	...	-42	...	...	...	...	...	...	...	...
Canada		7,851	\	1,113	1,498	409	8,259	1,190	1,158	\	\	98	\	\	
Chile		17	17	17	...	...	17	17	...	0	...	...	...	...
Chinese Taipei		12,024	11,223	7,024	801	-5,553	6,471	1,738	265	4,468	348	182	69	4,896	
Finland		13	13	\	...	...	13	\	...	...	...	...	...	...
France		26,035	20,064	7,167	5,971	615	26,650	2,303	9,622	14,725	92	1,070	5,330	3,406	
Germany		21,247	16,113	13,699	5,134	3,273	24,520	5,354	1,792	14,530	1,115	6,958	1,411	2,329	
Greece		2	2	...	...	...	2	...	...	2	...	...	...	...
Ireland		66	66	2	...	...	66	1	1	65	1	...	...	0
Italy		1,988	1,932	1,177	56	\	1,851	27	25	1,799	9	15	571	240	
Japan		65,380	42,441	16,219	22,939	-9,484	55,896	4,994	10,823	40,078	4,474	573	3,053	8,915	
Korea		5,065	4,718	3,506	347	-194	4,870	3,120	202	1,485	97	669	1,771	235	
Mexico		0	0	\	...	...	...	...	...	...	...	...	...	...
Netherlands		18,986	17,151	\	1,835	\	16,672	\	\	\	\	\	\	\	
Panama		25	25	22	...	...	...	...	...	...	...	...	...	...
Spain		823	780	444	43	-137	685	118	\	528	...	83	587	124	
Sweden		3,494	3,122	1,496	372	29	3,524	973	197	2,352	10	42	141	129	
Switzerland		26,240	18,232	14,452	8,008	-1,226	25,015	7,856	5,064	10,205	1,835	1,694	5,545	574	
Turkey		11	11	\	...	\	70	\	...	\	...	...	\	...
United Kingdom		97,886	43,186	29,371	54,700	-1,895	95,990	9,312	25,223	61,455	23,946	2,703	6,007	4,260	
United States		71,676	44,825	40,041	26,851	-943	70,718	8,837	33,784	28,097	6,783	1,986	6,288	10,672	
Memo: Domestic banks ²															
Worldwide offices (consolidated)		332,292	55,486	\	276,806	1,137	333,429	1,838	51,389	280,099	24,154	2,149	16,444	95,298	
Foreign offices (unconsolidated)		28,334	28,334	24,805	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in South Africa

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis		
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹							
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector		Derivatives contracts	Guarantees extended	Credit commitments
		Total	Total	Of which: Up to and including one year			Total	Banks	Official sector	Total	Of which: Non-bank financial			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Foreign banks		107,224	38,674	14,026	68,550	-328	101,664	11,143	18,231	72,271	11,597	8,635	22,191	15,354
Of which: parents in CBS rep countries		103,997	35,448	12,400	68,550	-328	101,664	11,143	18,231	72,271	11,597	8,635	22,191	15,354
Australia		552	551	125	0	207	758	92	0	665	...	24	39	135
Austria		119	119	17	...	-59	60	17	36	4	...	0	12	8
Belgium		17	17	7	...	0	17	6	...	12	...	\	\	\
Brazil		1	1	...	...	...	...	...	...	...	...	...	...	...
Canada		194	194	75	...	\	269	62	\	192	\	171	\	437
Chile		...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei		573	477	210	96	122	694	472	36	186	...	23	4	38
Finland		\	\	\	...	...	\	\	...	...	...	...	...	...
France		4,730	3,488	232	1,242	-823	3,907	1,056	851	2,000	63	263	841	660
Germany		5,631	\	\	\	-1,578	4,053	912	1,016	2,110	59	3,756	263	812
Greece		177	37	28	140	...	177	24	13	140	...	1	6	...
Ireland		47	47	2	...	...	47	1	4	43	1	...	...	7
Italy		720	720	28	...	\	646	64	78	504	0	3	108	450
Japan		9,041	9,041	1,287	...	94	9,135	1,186	1,982	5,968	1,210	33	4	1,126
Korea		224	224	210	...	...	224	22	0	203	...	...	18	0
Mexico		...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands		551	\	\	...	\	654	\	...	\	\	\	\	\
Panama		5	5	1	...	...	...	...	...	...	...	...	...	...
Spain		\	207	122	\	-130	78	16	\	62	...	...	6	173
Sweden		81	81	44	...	-41	40	7	...	33	...	1	11	2
Switzerland		1,656	1,656	782	...	269	\	...	...	...	...	573	143	67
Turkey		5	5	\	...	\	9	\	...	\	...	...	\	...
United Kingdom		65,760	5,454	2,928	60,307	-413	65,347	3,566	11,179	50,603	7,565	2,390	11,063	9,494
United States		12,004	6,993	4,320	5,011	2,032	14,048	2,935	2,985	8,128	2,651	1,360	9,044	1,700
Memo: Domestic banks ²		...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)		...	...	...	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Spain

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		426,110	318,815	112,123	107,297	7,403	398,961	92,398	120,346	175,873	39,192	42,375	97,533	47,558				
Of which: parents in CBS rep countries		397,501	301,589	109,589	95,913	7,403	398,961	92,398	120,346	175,873	39,192	42,375	97,533	47,558				
Australia		1,543	1,543	409	...	175	1,718	467	118	1,132	...	209	113	50				
Austria		4,996	4,996	2,311	...	11	5,006	2,550	1,927	517	...	202	145	158				
Belgium		8,921	8,652	3,144	269	87	9,008	1,585	6,011	1,406	1,132	\	\	\				
Brazil		865	613	285	252	14	...	...	...	...	...	...	...	...
Canada		1,540	1,540	501	...	137	1,677	469	\	1,154	\	\	144	\				
Chile		28	28	27	...	...	28	2	...	...	...	...	...	...
Chinese Taipei		241	241	44	...	79	321	162	...	159	10	3	...	12				
Finland		36	36	...	...	...	36	16	\	7	\	\	\	\	
France		106,179	74,811	36,037	31,368	394	106,574	32,739	17,616	56,114	15,743	7,351	4,618	16,290				
Germany		72,186	54,070	7,130	18,116	3,964	76,150	14,617	28,663	22,889	7,220	7,260	18,102	3,020				
Greece		113	113	105	...	...	113	100	5	8	...	...	12	...
Ireland		2,104	2,104	322	...	224	2,328	584	1,453	290	43	202	3	31				
Italy		46,005	44,318	6,805	1,686	\	46,659	8,342	31,242	7,074	2,354	557	5,515	5,607				
Japan		23,497	22,356	2,035	1,141	338	23,835	3,211	11,638	8,986	798	118	339	4,342				
Korea		602	602	566	...	...	602	455	...	147	36	58	75	2		
Mexico		277	277	\	...	...	...	...	...	...	...	...	...	...
Netherlands		41,478	\	\	\	\	41,740	\	\	\	\	\	\	\				
Panama		...	...	...	...	...	...	...	...	...	...	...	...	...
Spain		...	...	...	...	...	...	...	...	...	...	...	...	...
Sweden		1,897	1,897	610	...	-1,011	886	203	16	656	81	604	571	40				
Switzerland		11,531	9,284	5,045	2,247	265	11,796	3,173	1,627	6,970	1,435	2,425	1,676	1,146				
Turkey		73	73	\	...	\	74	\	...	\	...	...	\	...		
United Kingdom		20,492	18,588	7,731	1,904	277	20,769	7,719	839	12,210	1,208	15,652	19,379	6,175				
United States		31,650	28,723	21,054	2,927	912	32,552	7,384	8,886	16,282	2,995	3,466	44,868	5,979				
Memo: Domestic banks ²																		
Worldwide offices (consolidated)		1,791,124	20,542	8,852	1,770,582	11,050	1,802,174	106,031	386,627	1,309,516	...	45,372	89,707	267,571				
Foreign offices (unconsolidated)		50,515	50,515	30,894	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Sweden

Amounts outstanding, in millions of US dollars

Table B4

	Claims												Other potential exposures (not included in claims) on an ultimate risk basis						
	Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹													
	Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector										
	Total	Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial									
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks	225,896	171,363	67,736	54,530	-9,103	144,896	66,974	17,365	57,579	17,184	14,715	41,338	31,155						
Of which: parents in CBS rep countries	222,817	168,677	66,801	54,137	-9,103	144,896	66,974	17,365	57,579	17,184	14,715	41,338	31,155						
Australia	1,289	1,289	731	..	-4	1,284	951	277	56	..	195	176	50						
Austria	1,072	1,041	223	31	72	1,144	659	135	349	..	7	19	97						
Belgium	560	560	77	..	..	561	347	55	159	44	\\	\\	\\				
Brazil	88	88	14	..	..	..	..	..	..	..	..	..	..	..
Canada	6,204	6,204	1,655	..	\\	6,378	1,741	1,418	1,552	626	661	\\	246						
Chile	1	1	..	..	..	1	1	..	..	..	..	..	..	..
Chinese Taipei	780	780	96	..	37	816	735	1	80	20	..	1	6						
Finland	4,263	2,980	499	\\	\\	4,270	2,375	205	1,690	\\	57	\\	426						
France	16,672	16,133	8,249	538	55	16,727	7,230	1,100	8,397	1,741	685	1,157	6,589						
Germany	35,029	\\	\\	\\	-8,678	26,351	18,177	484	6,696	1,599	2,195	2,682	2,961						
Greece	19	19	12	..	..	19	10	..	10	..	..	1	..		
Ireland	1,159	1,159	113	..	154	1,313	965	..	348	278	4	0	8						
Italy	1,886	1,886	543	..	\\	1,789	763	97	929	255	17	1,980	1,032						
Japan	23,166	23,166	5,489	..	241	23,407	12,561	4,357	6,489	371	33	480	1,606						
Korea	193	193	152	..	..	193	36	1	155	..	..	118	162		
Mexico	16	16	\\	..	..	..	..	..	..	..	..	..	..
Netherlands	6,443	\\	\\	\\	\\	6,825	\\	\\	\\	\\	\\	\\	\\						
Panama	16	16	8	..	..	..	..	..	..	..	..	..	..
Spain	\\	1,150	290	\\	40	4,863	594	\\	3,951	..	52	80	801						
Sweden	..	..	..	..	..	..	..	..	..	..	..	..	..
Switzerland	9,736	9,736	4,642	..	1,271	..	..	..	..	..	1,773	86	496		
Turkey	6	6	\\	..	\\	39	\\	..	\\	..	..	\\	..				
United Kingdom	13,780	13,422	5,938	357	-1,474	12,305	4,208	2,928	5,169	3,541	6,151	6,701	5,100						
United States	22,718	21,349	16,516	1,369	1,774	24,495	11,389	4,363	8,743	4,501	1,429	26,795	5,372						
Memo: Domestic banks ²																			
Worldwide offices (consolidated)	688,078	56,593	30,115	631,485	8,999	697,077	73,108	69,031	554,562	18,360	19,469	12,817	50,669						
Foreign offices (unconsolidated)	72,752	72,752	51,271	..	..	..	..	..	..	..	..	..	..

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Switzerland

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector								
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial							
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		371,732	264,190	160,155	107,544	17,837	361,576	74,625	133,199	147,410	16,359	48,775	111,060	69,584				
Of which: parents in CBS rep countries		362,279	254,761	154,032	107,520	17,837	361,576	74,625	133,199	147,410	16,359	48,775	111,060	69,584				
Australia		2,699	2,623	2,391	76	1,631	4,330	2,166	26	2,137	...	1,819	1,212	803				
Austria		5,680	4,386	1,947	1,294	-164	5,516	1,393	499	3,461	...	109	969	1,001				
Belgium		1,507	1,424	1,182	83	73	1,580	1,019	37	504	17	\	\	\				
Brazil		12,695	12,331	5,774	364	108	...	...	...	...	...	...	...	...
Canada		4,346	3,827	3,133	\	808	5,154	1,832	\	2,274	752	2,064	635	1,690				
Chile		78	78	74	...	...	78	3	...	...	...	2	...	...		
Chinese Taipei		1,452	1,452	806	...	1,752	3,203	2,542	9	652	412	102	6	245				
Finland		51	51	34	...	\	142	\	...	32	\	\	...	...		
France		71,511	37,093	16,591	34,419	1,491	73,003	9,178	32,618	31,060	810	3,119	5,958	12,818				
Germany		69,960	64,362	43,618	5,598	-1,374	68,586	19,871	27,038	16,031	1,878	4,437	9,094	8,020				
Greece		584	584	536	...	-4	580	466	...	113	80	27	7	...				
Ireland		152	152	14	...	199	352	265	...	87	8	100	1	2				
Italy		13,290	7,570	3,742	5,719	\	12,648	1,843	947	9,834	807	446	9,248	3,215				
Japan		29,516	29,516	6,744	...	3,234	32,750	7,975	774	24,001	3,368	1,381	2,792	5,222				
Korea		1,454	1,454	1,404	...	...	1,454	1,388	49	18	...	290	1,539	137		
Mexico		100	100	\	...	...	...	...	...	...	...	...	...	...
Netherlands		22,296	20,382	\	1,914	\	23,382	\	\	\	\	\	\	\				
Panama		314	314	224	...	...	...	...	...	...	...	...	...	...
Spain		5,869	4,663	2,847	1,206	1,383	7,252	693	670	5,889	...	696	2,359	4,534				
Sweden		3,029	\	\	...	-207	2,822	483	136	2,169	332	631	857	1,029				
Switzerland		...	...	...	...	...	...	...	...	...	...	...	...	...
Turkey		201	201	\	...	...	201	\	...	\	...	\	\	...		
United Kingdom		57,932	16,621	9,999	41,311	2,431	60,363	5,447	45,695	9,221	1,403	20,504	13,578	11,600				
United States		48,213	33,368	26,632	14,845	4,548	52,861	10,745	17,843	24,273	5,288	6,826	53,897	13,945				
Memo: Domestic banks ²																		
Worldwide offices (consolidated)		1,337,726	73,176	64,291	1,264,549	47,279	1,385,004	166,908	337,192	152,306	37,610	34,814	27,532	47,920				
Foreign offices (unconsolidated)		184,321	184,321	155,937	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Thailand

Amounts outstanding, in millions of US dollars

Table B4

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹										
		Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector							
			Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial	Derivatives contracts	Guarantees extended	Credit commitments			
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16		
Foreign banks		144,791	52,420	22,495	92,371	-7,736	124,855	12,838	30,874	80,814	6,011	4,398	11,176	14,192			
Of which: parents in CBS rep countries		135,186	42,816	19,264	92,371	-7,736	124,855	12,838	30,874	80,814	6,011	4,398	11,176	14,192			
Australia		919	919	547	..	-232	687	36	276	375	..	235	10	41			
Austria		19	19	11	..	-6	12	8	..	4	..	..	15	1	
Belgium		30	30	17	..	31	61	17	..	44	..	..	..	..
Brazil		8	8	4	..	..	..	..	..	..	..	..	..	..
Canada		85	85	29	..	-16	\	14	..	\	\	43	\	..			
Chile		..	..	..	..	..	..	..	..	..	..	..	..	..
Chinese Taipei		1,138	757	371	381	437	1,576	797	49	730	24	2	37	652			
Finland		1	1	1	..	..	1	..	..	1	..	..	\	..	
France		2,186	1,294	568	892	-211	1,975	422	613	940	11	361	855	104			
Germany		2,520	\	\	\	232	2,752	1,588	95	749	111	641	391	75			
Greece		..	..	..	..	..	..	..	..	..	..	..	..	..
Ireland		2	2	0	..	..	2	0	..	2	0	..	..	0
Italy		14	14	10	..	\	37	7	0	30	..	\	157	6			
Japan		84,654	24,094	9,272	60,560	-6,886	77,768	3,700	16,967	57,101	4,163	1,559	4,670	3,003			
Korea		320	320	271	..	-34	286	83	21	173	..	..	184	13	
Mexico		..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands		\	\	\	..	\	\	\	..	\	..	\	\	\			
Panama		..	..	..	..	..	..	..	..	..	..	..	..	..
Spain		10	10	2	..	-4	6	2	..	4	..	\	23	0			
Sweden		162	162	127	..	-85	77	3	0	74	..	18	4	2			
Switzerland		3,148	3,148	2,108	..	-594	\	..	..	..	..	71	51	2
Turkey		0	0	..	..	..	0	\	..	\	..	\	..	..	
United Kingdom		13,096	4,318	1,304	8,778	49	13,146	2,918	4,369	5,859	970	847	1,593	194			
United States		10,725	3,095	2,691	7,630	-240	10,487	1,114	5,297	4,076	249	434	2,051	4,485			
Memo: Domestic banks ²		..	..	..	..	..	..	..	..	..	..	..	..	..
Worldwide offices (consolidated)		..	..	..	..	..	..	..	..	..	..	..	..	..
Foreign offices (unconsolidated)		..	..	..	..	..	..	..	..	..	..	..	..	..

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in Turkey

Amounts outstanding, in millions of US dollars

Table B4

152

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis					
		Claims on an immediate counterparty basis (F) ¹			Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹											
		Total	International			Local positions in local currencies	Total	By sector of counterparty									
		Total	Total	Of which: Up to and including one year		Banks	Official sector	Non-bank private sector		Derivatives contracts	Guarantees extended	Credit commitments					
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				Total	Of which: Non-bank financial			
Foreign banks		270,939	183,018	91,486	87,920	-11,096	233,692	49,006	46,504	136,688	6,481	4,510	63,625	25,414			
Of which: parents in CBS rep countries		251,166	163,245	84,909	87,920	-11,096	233,692	49,006	46,504	136,688	6,481	4,510	63,625	25,414			
Australia		186	186	88	..	12	199	33	68	98	..	13	1	0			
Austria		1,043	1,043	597	..	-203	840	639	15	186	..	5	135	51			
Belgium		861	861	792	..	-154	707	666	16	26	..	\	\	\			
Brazil		72	72	12	..	-13	..	..	..	..	..	..	..	..
Canada		1,568	1,568	1,522	..	-224	1,344	1,327	\	13	..	\	\	\			
Chile		17	17	17	..	..	17	17	..	..	..	..	..	..
Chinese Taipei		569	569	286	..	11	580	442	17	121	..	..	..	8
Finland		\	\	\	..	\	\	\	..	..	..	\	..	..
France		41,487	22,153	5,366	19,334	-2,926	38,561	4,154	8,261	26,124	583	488	6,577	3,400			
Germany		15,062	\	\	..	-1,051	14,011	3,920	3,368	5,308	1,429	432	2,410	2,199			
Greece		194	192	109	2	-17	177	10	1	165	..	10	47	..			
Ireland		201	201	199	..	..	201	197	0	4	0	..	..	0
Italy		10,727	10,439	4,664	289	\	9,657	4,721	638	4,299	1,245	177	6,883	1,785			
Japan		13,060	12,800	5,713	261	-2,130	10,930	4,119	2,090	4,721	1,043	40	435	157			
Korea		1,280	1,280	653	..	-34	1,246	445	22	760	133	10	1,017	204			
Mexico		..	..	..	..	..	..	..	..	..	..	..	..	..
Netherlands		\	\	\	\	\	\	\	\	\	\	\	\	\			
Panama		3	3	1	..	..	..	..	..	..	..	..	..	..
Spain		\	37,461	17,488	\	-1,020	86,838	2,572	\	61,411	..	\	12,952	14,605			
Sweden		852	852	505	..	-466	386	147	0	239	34	0	36	139			
Switzerland		6,031	6,031	3,957	..	-242	\	..	..	..	..	820	495	135
Turkey		..	..	..	..	..	..	..	..	..	..	..	..	..
United Kingdom		23,450	18,491	13,738	4,959	-356	23,094	8,479	4,279	10,336	715	705	16,069	577			
United States		18,746	16,246	12,640	2,500	-51	18,692	11,702	1,723	5,267	544	1,354	14,239	400			
Memo: Domestic banks ²																	
Worldwide offices (consolidated)		573,365	573,365	223,626	..	-2,797	570,568	72,183	55,390	378,789	3,180	1,382	26,592	6,132			
Foreign offices (unconsolidated)		12,211	12,211	6,607	..	..	..	..	..	..	..	..	..	..

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in United Kingdom

Amounts outstanding, in millions of US dollars

Table B4

	Claims												Other potential exposures (not included in claims) on an ultimate risk basis						
	Claims on an immediate counterparty basis (F) ¹				Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹													
	Total	International		Local positions in local currencies		Total	By sector of counterparty		Non-bank private sector										
		Total	Of which: Up to and including one year				Banks	Official sector	Total	Of which: Non-bank financial									
Nationality of CBS-reporting bank	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks	2,474,369	1,413,741	920,842	1,060,629	-88,984	2,266,084	499,500	353,651	1,387,166	428,829	965,919	445,388	645,804						
Of which: parents in CBS rep countries	2,401,747	1,341,307	887,631	1,060,440	-88,984	2,266,084	499,500	353,651	1,387,166	428,829	965,919	445,388	645,804						
Australia	80,390	43,044	22,614	37,346	-14,330	66,059	15,829	19,511	30,711	...	23,961	3,508	5,558						
Austria	12,020	12,016	7,232	4	269	12,290	6,224	289	5,727	...	10,324	513	1,310						
Belgium	18,377	16,884	12,897	1,493	-318	18,059	8,405	1,175	8,452	4,162	\	\	\						
Brazil	17,173	17,145	11,965	28	776	...	...	...	...	...	...	...	...	...	...
Canada	101,259	54,081	37,345	47,179	\	102,143	19,388	23,875	57,573	30,510	33,009	2,768	11,511						
Chile	836	836	220	...	...	836	553	...	101	...	518	...	...				
Chinese Taipei	13,881	13,395	9,105	486	-5,173	8,710	6,168	58	2,484	517	823	135	275						
Finland	2,439	2,439	1,295	...	-43	2,396	2,135	...	261	248	7,478	\	\						
France	223,173	188,955	133,809	34,218	-4,777	218,396	97,852	30,312	89,930	33,261	37,160	12,388	45,511						
Germany	366,939	303,276	218,716	63,663	8,618	375,557	110,331	22,564	234,473	33,909	356,274	21,302	33,928						
Greece	9,328	8,672	5,340	656	-44	9,284	5,363	159	3,761	831	190	26	57						
Ireland	62,907	6,932	2,953	55,974	-1,436	61,471	2,672	3,437	55,361	5,051	2,583	182	1,640						
Italy	47,018	43,411	30,742	3,607	\	41,540	14,566	547	26,426	17,346	6,639	34,141	263,962						
Japan	190,205	140,881	38,987	49,323	-3,863	186,342	37,283	48,095	100,964	34,460	14,287	11,334	33,886						
Korea	5,343	4,971	4,180	373	-5	5,338	4,502	73	746	111	2,968	2,825	826						
Mexico	373	373	\	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	101,440	79,960	\	21,480	\	88,041	\	\	\	\	\	\	\						
Panama	372	372	327	...	...	...	...	...	...	...	...	...	...
Spain	377,259	38,004	19,424	339,255	-2,133	375,125	22,811	42,611	309,703	...	78,265	2,000	60,772						
Sweden	51,786	\	\	\	-927	50,859	8,472	6,056	36,266	7,932	47,980	4,342	3,751						
Switzerland	205,084	86,907	62,565	118,177	-39,008	166,076	45,976	45,677	65,273	35,264	86,263	90,365	22,022						
Turkey	2,584	2,439	\	\	\	2,525	\	\	\	\	\	\	\						
United Kingdom	...	...	...	...	...	...	...	...	...	...	...	...	...
United States	426,048	189,728	143,412	236,320	-1,526	424,536	38,613	94,513	291,410	195,866	88,434	248,162	146,483						
Memo: Domestic banks ²																			
Worldwide offices (consolidated)	2,396,311	226,098	140,954	2,170,213	-19,253	2,377,058	63,347	329,922	1,983,789	317,738	388,331	63,531	345,798						
Foreign offices (unconsolidated)	304,246	304,246	229,847	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

Consolidated positions on counterparties resident in United States

Amounts outstanding, in millions of US dollars

Table B4

154

		Claims										Other potential exposures (not included in claims) on an ultimate risk basis						
		Claims on an immediate counterparty basis (F) ¹			Net risk transfers (Q) ¹	Claims on an ultimate risk basis (U=F+Q) ¹												
		Total	International			Local positions in local currencies	Total	By sector of counterparty										
		Total	Total	Of which: Up to and including one year		Banks	Official sector	Non-bank private sector										
Nationality of CBS-reporting bank		Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16				
Foreign banks		5,535,923	2,398,686	707,051	3,137,236	109,730	5,485,279	480,298	1,840,966	3,120,361	1,173,409	691,221	736,941	1,335,365				
Of which: parents in CBS rep countries		5,428,634	2,315,785	665,313	3,112,849	109,730	5,485,279	480,298	1,840,966	3,120,361	1,173,409	691,221	736,941	1,335,365				
Australia		99,077	39,767	17,290	59,311	9,481	108,559	15,141	62,856	30,518	...	11,323	3,567	10,694				
Austria		9,895	8,021	2,700	1,874	-296	9,599	2,636	2,560	4,355	...	566	206	683				
Belgium		12,117	10,070	7,310	2,047	-368	11,749	7,128	1,674	2,943	1,540	\	\	\				
Brazil		27,699	22,974	18,017	4,725	863	...	...	...	...	...	...	...	...
Canada		910,302	168,805	80,439	741,497	\	910,720	33,764	260,010	614,832	252,807	39,503	42,305	249,029				
Chile		6,890	3,062	498	3,829	-23	6,867	4,494	1,098	657	...	429	...	...		
Chinese Taipei		52,373	26,928	11,225	25,445	-4,964	47,409	10,725	14,004	22,680	3,610	855	218	5,430				
Finland		161	161	61	...	\	214	199	...	15	6	\	...	\				
France		444,251	145,242	70,742	299,009	9,904	454,155	65,495	152,695	235,710	83,888	23,143	34,319	209,191				
Germany		402,632	199,030	87,703	203,602	-39,020	363,612	56,017	86,257	198,596	42,407	175,043	82,654	117,627				
Greece		925	925	750	...	21	945	656	52	235	97	497	87	...				
Ireland		6,047	5,118	511	928	511	6,558	599	863	5,095	565	1,614	149	720				
Italy		36,681	23,434	8,335	13,247	\	35,549	2,927	13,737	18,884	10,217	1,824	25,074	16,728				
Japan		1,520,948	1,070,251	91,860	450,696	111,620	1,632,567	94,190	640,743	897,634	292,691	13,492	40,857	275,325				
Korea		25,102	19,031	14,339	6,071	-689	24,413	10,125	1,223	11,512	2,844	3,179	6,431	2,164				
Mexico		5,004	5,004	\	...	...	...	...	...	...	...	...	...	...
Netherlands		186,151	37,628	\	148,522	\	187,320	\	\	\	\	\	\	\				
Panama		6,540	6,540	2,671	...	...	...	...	...	...	...	...	...	...
Spain		253,731	25,316	11,559	228,415	612	254,343	13,427	56,094	184,823	...	15,147	6,763	75,820				
Sweden		111,569	19,943	8,896	91,626	152	111,721	7,575	96,363	7,600	1,005	7,250	6,023	4,994				
Switzerland		512,451	166,366	74,218	346,085	33,333	545,784	65,219	191,557	273,123	136,418	111,028	244,853	92,594				
Turkey		2,379	1,497	\	\	\	2,607	\	\	\	\	\	\	...				
United Kingdom		720,367	258,934	106,152	461,433	-8,232	712,134	62,436	215,862	433,836	288,073	252,887	221,589	219,235				
United States		...	...	...	...	...	...	...	...	...	...	...	...	...
Memo: Domestic banks ²																		
Worldwide offices (consolidated)		10,538,440	347,966	195,556	10,190,474	41,261	10,581,568	268,888	2,650,504	7,662,176	2,493,230	190,180	1,200,411	4,605,571				
Foreign offices (unconsolidated)		404,862	404,862	347,637	...	...	...	...	...	...	...	...	...	...

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and ultimate risk data by banks in 26. For parents in individual CBS-reporting countries, F plus Q may not sum to U because of rounding differences or inconsistencies in the underlying data reported by banks. ² Positions on the country where the controlling parent is located, ie on residents of banks' home country. Available only for countries that are CBS-reporting countries.

C Debt securities statistics

www.bis.org/statistics/about_securities_stats.htm

The BIS debt securities statistics capture borrowing in money and bond markets, distinguishing between international and domestic markets. International debt securities (IDS) are those issued in a market other than the local market of the country where the borrower resides. They encompass what market participants have traditionally referred to as foreign bonds and eurobonds. Domestic debt securities (DDS) are those issued by residents in their local market, regardless of the currency in which the securities are denominated. Total debt securities (TDS) sum these together as all debt securities issued by residents.

The BIS debt securities statistics are harmonised with the recommendations in the *Handbook on Securities Statistics*, which sets out an internationally agreed framework for classifying securities issues and holdings.¹⁵ IDS are compiled by the BIS from commercial data sources, in particular Dealogic, Euroclear, Thomson Reuters and Xtrakter; the BIS constructs aggregates from data on individual securities. DDS and TDS are compiled from national data sources using aggregated data. For some countries, national data are available for either DDS or TDS but not both; for this reason, DDS and TDS are not published for all countries. While conceptually TDS are the sum of IDS and DDS, the BIS does not calculate the missing series because it cannot control for potential double-counting: for example, individual securities that the BIS classifies as international may be included in the aggregated data on DDS.

As of end-March 2015, the BIS published IDS, DDS and TDS statistics for residents of 17 countries; IDS and DDS for a further 16 countries; IDS and TDS for 22 countries; and only IDS for 75 countries. The security-by-security information that underlies the IDS statistics enables the BIS to provide more details than are available in the DDS and TDS statistics. Furthermore, the availability of DDS and TDS lags that of IDS by one quarter.

Structure and sources of bond financing

In many countries, money and bond markets are a major source of financing. Moreover, the development of local currency bond markets is generally seen as supporting financial stability, although it is not without challenges.¹⁶ The BIS debt securities statistics can be used to gauge the growth and relative importance of these markets in different countries and for different sectors. Furthermore, the currency and maturity composition of outstanding issues can help elucidate borrowers' exposure to foreign exchange and rollover risks, respectively.

The debt securities statistics can also shed light on the activities of portfolio investors. Often little is known about the investors who buy debt securities. The LBS provide information about banks' holdings of debt securities and thus, when

¹⁵ See Bank for International Settlements, European Central Bank and International Monetary Fund, *Handbook on Securities Statistics*, 2015; and B Gruić, and P Wooldridge, "Enhancements to the BIS debt securities statistics", *BIS Quarterly Review*, December 2012, pp 63–76.

¹⁶ See eg Committee on the Global Financial System: "Financial stability and local currency bond markets", *CGFS Publications*, no 28, June 2007.

combined with the debt securities statistics, they can help infer the holdings of foreign non-bank investors. For most major emerging market economies, liabilities to foreign portfolio investors grew steadily in the early 2010s, in what was known as the second phase of global liquidity.¹⁷

Offshore issuance

The IDS statistics provide information about both the residence and the nationality of the issuer, where the nationality is based on the country where the controlling parent – the entity that makes the underlying economic decisions – resides. Securities data by nationality are useful for identifying links between borrowers in different countries and sectors, enabling analysis of support that might be available from the parent, and aiding understanding of the likely use of funds.¹⁸ For example, the debts of a Cayman Islands affiliate of a Chinese finance company may be guaranteed by the parent company and used to finance lending in China. While the nationality of the issuer can help identify related entities, they are no substitute for financial information on a consolidated basis or contractual information about guarantees.

The classification of IDS by nationality instead of residence results in a reallocation of issuance from financial centres to major economies. Outstanding IDS for the Cayman Islands, Ireland, the Netherlands and the United Kingdom are substantially lower on a nationality basis than on a residence basis, whereas those for Brazil, China and some other emerging market economies are much higher on a nationality basis.¹⁹ Conventional external debt statistics do not fully capture this offshore issuance.²⁰

¹⁷ See eg H S Shin, "The second phase of global liquidity and its impact on emerging economies", keynote address at Federal Reserve Bank of San Francisco Asia Economic Policy Conference, November 2013.

¹⁸ See eg S Avdjiev, M Chui and H S Shin "Non-financial corporations from emerging market economies and capital flows", *BIS Quarterly Review*, December 2014, pp 67–77.

¹⁹ See eg R McCauley, N Upper and A Villar, "Emerging market debt securities issuance in offshore centres", *BIS Quarterly Review*, September 2013, pp 22–3.

²⁰ B Gruic and P Wooldridge, "BIS debt securities statistics: a comparison of nationality data with external debt statistics", *IFC Bulletin*, no 39, April 2015.

Summary of debt securities outstanding

By residence and sector of issuer, amounts outstanding in billions of US dollars

Table C1

	Total debt securities				Domestic debt securities				International debt securities				
	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations		Non-financial corporations	General government
										Q3 16	Q3 16		
	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
All countries	...	...	...	...	...	...	...	...	21,873	15,488	6,621	3,235	1,581
Developed countries	...	...	...	...	...	...	...	...	16,163	12,925	5,886	2,554	684
Austria	498	181	46	271	...	...	...	...	256	119	93	42	95
Belgium	681	180	63	437	...	...	...	...	160	88	20	51	21
Cyprus	18	7	3	8	...	...	...	...	12	6	1	1	5
Estonia	2	0	2	0	...	...	...	...	2	...	...	2	0
Finland	262	113	34	115	...	...	...	...	169	126	67	21	22
France	4,182	1,489	641	2,051	...	...	...	...	1,450	1,049	617	393	8
Germany	3,460	1,457	170	1,833	...	...	...	...	1,199	956	502	180	63
Greece	99	16	2	81	...	...	...	...	64	36	29	3	25
Ireland	809	657	13	139	...	...	...	...	788	750	104	16	22
Italy	3,074	844	140	2,090	...	...	...	...	765	545	249	128	92
Latvia	10	1	0	8	...	...	...	...	8	1	0	...	7
Lithuania	15	0	0	15	...	...	...	...	11	...	...	...	11
Luxembourg	860	827	26	7	...	...	...	...	650	570	132	77	4
Malta	10	3	1	6	...	...	...	...	1	1	...	0	...
Netherlands	2,131	1,663	90	377	...	...	...	...	1,926	1,745	627	174	7
Portugal	296	91	37	168	...	...	...	...	67	35	14	9	23
Slovakia	52	7	4	41	...	...	...	...	14	...	...	3	11
Slovenia	35	1	1	33	...	...	...	...	16	1	1	1	14
Spain	1,837	753	32	1,053	...	...	...	...	542	476	131	28	38
Denmark	748	578	32	136	603	464	3	135	128	99	62	26	3
Iceland	...	...	...	...	21	10	2	9	14	10	8	1	2
Liechtenstein	...	...	...	...	...	...	...	...	1	1	1	0	...
Norway	456	293	83	80	218	105	34	79	254	202	189	52	...
Sweden	728	568	...	160	357	243	...	114	469	347	209	66	56
Switzerland	...	...	...	...	210	98	16	95	58	47	28	11	...
United Kingdom	5,959	2,693	571	2,690	...	...	...	...	2,964	2,572	1,341	373	19
Australia	1,928	1,096	213	619	1,374	719	40	615	619	551	356	64	4
Canada	2,214	616	442	1,155	1,556	308	224	1,024	844	476	303	249	118
Japan	13,952	2,701	747	10,504	13,663	2,576	590	10,498	302	228	181	66	8
New Zealand	...	...	...	...	49	...	...	49	23	8	4	14	1
United States	37,865	15,074	5,836	16,736	...	...	...	...	2,390	1,882	616	503	5
Offshore centres	...	...	...	...	...	...	...	...	2,115	1,945	317	106	65
Aruba	...	...	...	...	...	...	...	...	4	3	3	...	0
Bahamas	...	...	...	...	...	...	...	...	12	10	6	1	1
Bahrain	...	...	...	...	...	...	...	...	13	4	4	1	8
Barbados	...	...	...	...	...	...	...	...	3	2	0	...	1
Bermuda	...	...	...	...	...	...	...	...	101	83	4	16	2
Cayman Islands	...	...	...	...	...	...	...	...	1,358	1,354	101	4	0

Summary of debt securities outstanding (continued)

By residence and sector of issuer, amounts outstanding in billions of US dollars

Table C1

	Total debt securities				Domestic debt securities				International debt securities				
	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations		Non-financial corporations	General government
										Q3 16	Q3 16		
	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Curaçao	7	7	7	...	...
Gibraltar	0	0	0	0	0
Hong Kong SAR	414	221	55	139	...	...	...	...	223	186	98	35	1
Lebanon	46	...	...	46	39	1	1	...	39
Macau SAR	3	3	2	...	...
Mauritius	2	1	1	1	...
Panama	20	6	3	1	12
Singapore	339	148	112	78	78	...	...	78	122	96	67	26	...
Developing countries	2,027	619	418	576	832
Developing Africa and Middle East	292	94	64	77	120
Algeria
Angola
Benin
Cameroon
Chad
Congo
Congo Democratic Republic
Côte d'Ivoire	4	...	...	...	4
Egypt	4	...	...	...	4
Gabon	4	...	...	...	4
Ghana	7	...	...	...	7
Guinea
Iran
Iraq	3	...	...	...	3
Israel	234	28	50	155	212	30	47	135	34	3	...	17	14
Jordan	4	...	...	...	4
Kenya	3	...	...	...	3
Kuwait	2	2	1	0	...
Lesotho	0	...	...	0	...
Liberia	0	...
Libya
Malawi
Mali
Morocco	8	0	0	3	5
Mozambique
Namibia	1	...	...	...	1
Niger
Nigeria	8	5	2	1	2
Oman	9	4	2	...	5
Qatar	37	10	5	4	23

Summary of debt securities outstanding (continued)

By residence and sector of issuer, amounts outstanding in billions of US dollars

Table C1

	Total debt securities				Domestic debt securities				International debt securities				
	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations		Non-financial corporations	General government
										Q3 16	Q3 16		
	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Saudi Arabia	63	...	...	63	63	...	...	63	9	2	1	7	...
Senegal	1	...	...	...	1
Seychelles	0	...	...	...	0
South Africa	196	37	23	136	29	7	3	10	12
Sudan
Tanzania
Tunisia	5	4	...	...	2
Uganda
United Arab Emirates	108	57	49	36	15
Yemen
Zambia
Zimbabwe
Developing Asia and Pacific	604	305	190	157	142
Azerbaijan	6	1	1	3	1
Bangladesh
Brunei
China	9,401	3,520	2,598	3,283	9,184	3,399	2,580	3,205	125	91	52	21	13
Chinese Taipei	339	49	110	180	12	6	6	5	...
French Polynesia
Georgia	2	1	1	1	1
India	753	...	...	753	34	12	8	22	...
Indonesia	168	22	9	136	88	20	2	13	55
Kazakhstan	26	6	5	10	9
Korea	1,575	480	524	571	172	113	93	53	7
Kyrgyz Republic
Laos
Malaysia	331	42	135	155	295	35	109	151	45	37	14	3	5
Myanmar
Nauru
New Caledonia
North Korea
Pakistan	137	...	...	137	5	...	...	...	5
Papua New Guinea
Philippines	82	...	1	81	48	8	3	10	30
Sri Lanka	11	2	2	0	9
Thailand	322	128	76	118	310	123	69	118	11	3	1	7	0
Turkmenistan
Uzbekistan
Vietnam	3	0	0	0	2
Developing Europe	410	105	95	59	245

Summary of debt securities outstanding (continued)

By residence and sector of issuer, amounts outstanding in billions of US dollars

Table C1

160

	Total debt securities				Domestic debt securities				International debt securities				
	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations	Non-financial corporations	General government	Total	Financial corporations		Non-financial corporations	General government
										Q3 16	Q3 16		
	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16	Q3 16
Belarus	1	...	...	...	1
Bulgaria	10	0	0	2	9
Croatia	32	0	3	29	17	0	1	16	16	0	0	3	13
Hungary	107	9	2	95	77	5	0	72	32	9	7	2	22
Macedonia, FYR	1	...	...	...	1
Moldova
Poland	277	31	31	216	...	...	...	...	65	4	2	1	60
Romania	22	0	0	...	22
Russia	399	121	147	132	225	61	70	94	104	38	33	33	33
Turkey	271	48	8	214	171	14	3	154	118	46	45	8	64
Ukraine	6	1	1	1	4
Developing Latin America & Caribbean	722	114	70	282	326
Argentina	206	80	11	115	37	37	...	79	3	1	12	64	
Belize
Bolivia	2	0	0	...	2
Brazil	132	45	31	36	51
Chile	152	78	28	47	63	12	11	40	10
Colombia	82	...	2	80	50	9	6	15	26
Costa Rica	8	2	2	1	4
Cuba
Dominican Republic	12	1	0	1	10
Ecuador	6	...	...	...	6
El Salvador	6	0	...	...	6
Grenada
Guatemala	5	1	1	1	2
Haiti
Jamaica	9	...	...	3	6
Mexico	483	138	38	307	235	26	11	142	67
Nicaragua
Paraguay	3	1	1	0	2
Peru	31	11	3	16	43	13	6	11	19
Surinam
Trinidad and Tobago	4	...	...	2	2
Uruguay	16	0	...	0	16
Venezuela	48	1	...	17	31
International organisations	1,569	...	...	...	...

Central government debt securities markets

By instrument and maturity

Table C2

	Amounts outstanding, in billions of US dollars					Average maturity, in years	
	Total	Fixed rate	Floating rate	Inflation-linked	Exchange rate-linked	Original maturity	Remaining maturity
	Q4 15	Q4 15	Q4 15	Q4 15	Q4 15	Q4 15	Q4 15
All countries	19,882.5	16,693.7	729.1	2,376.1	83.5	...	...
Argentina	81.9	6.5	18.3	13.4	43.7	11.9	8.2
Australia	287.2	266.1	0.0	21.2	0.0	9.7	6.1
Belgium	359.7	344.9	8.5	0.0	6.3	...	...
Brazil	651.1	250.9	163.0	232.7	4.6	...	4.4
Canada	350.4	320.5	0.0	29.9	0.0	...	6.5
Chile	31.1	9.4	...	21.7	...	16.6	11.5
Chinese Taipei	167.1	167.1	...	...	...	15.4	9.7
Colombia	0.0	45.1	18.3	...	...	11.8	6.3
Czech Republic	50.4	39.2	11.2	0.0	0.0	10.5	5.0
Germany	1,301.3	1,159.5	32.4	83.0	26.4	12.0	6.6
Hong Kong SAR	13.0	9.1	0.0	3.9	0.0	5.4	2.8
Hungary	43.1	33.8	6.7	2.7	...	7.6	3.6
India	...	...	...	...	...	...	...
Indonesia	103.6	95.2	7.3	0.0	1.0	13.9	9.3
Israel	128.8	64.0	11.2	52.6	1.1	13.6	6.8
Korea	482.9	476.0	...	6.8	...	10.7	7.2
Malaysia	136.8	136.8	0.0	0.0	0.0	8.6	5.4
Mexico	294.5	151.9	72.0	70.6	0.0	...	7.8
Peru	14.0	13.1	0.0	0.8	0.0	17.1	12.6
Philippines	76.7	75.0	1.2	...	0.5	13.0	9.2
Poland	131.6	98.6	31.0	2.0	0.0	8.4	4.3
Russia	50.0	47.8	...	2.1	0.0	10.8	7.3
Saudi Arabia	37.9	37.9	0.0	...	0.0	...	4.8
Singapore	68.7	68.7	0.0	0.0	0.0	11.8	6.2
South Africa	98.2	72.5	0.0	25.7	...	22.8	15.7
Spain	850.7	818.7	9.4	22.6	0.0	10.8	6.3
Thailand	0.1	0.1	0.0	0.0	0.0	16.4	10.6
Turkey	151.4	88.2	29.0	34.2	0.0	7.2	4.5
United Kingdom	2,179.3	1,615.3	0.0	564.0	0.0	...	15.8
United States	11,677.5	10,181.6	328.0	1,167.9	0.0	...	5.6

C3 Debt securities issues and amounts outstanding, by residence and nationality of issuer

Table C3 presents debt securities markets by residence and nationality of the issuer. The nationality of the issuer refers to the country where the issuer's controlling parent is located. For national issuers the sector refers to that of the parent: for example, the financial subsidiary of a non-financial corporation is classified in the non-bank financial sector on a residence basis but the non-financial corporate sector on a nationality basis.

Data for additional countries are available on the BIS website (www.bis.org/statistics/secstats).

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Argentina

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	188.8	...	206.2	...	...	...	...
Financial corporations	66.3	...	79.7	...	...	...	...
Non-financial corporations	9.3	...	11.0	...	...	...	...
General government	113.2	...	115.5	...	...	...	...
Domestic debt securities	33.4	4.5	37.1	...	...	...	...
Financial corporations	33.4	4.5	37.1	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	72.7	6.5	79.3	5.3	4.9	82.9	3.9
Banks	1.0	0.3	1.3	0.8	0.8	2.0	0.2
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	0.4	0.4	0.4	0.0
US dollar	1.0	0.3	1.3	0.4	0.4	1.7	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	1.0	0.3	1.3	0.8	0.8	2.0	0.2
By interest rate type	...	...	...	...	...	...	...
Fixed	1.0	0.3	1.3	0.4	0.4	1.7	0.2
Other	0.0	0.0	0.0	0.4	0.4	0.4	0.0
Other financial corporations	1.4	-0.1	1.3	...	-0.2	1.1	0.2
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	1.0	-0.1	0.9	...	-0.2	0.8	0.2
Euro	0.3	...	0.3	...	...	0.3	...
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	1.4	-0.1	1.3	...	-0.2	1.1	0.2
By interest rate type	...	...	...	...	...	...	...
Fixed	1.2	-0.1	1.1	...	-0.2	0.9	0.2
Other	0.2	0.0	0.2	...	0.0	0.2	0.0
Non-financial corporations	9.9	2.4	12.3	0.5	0.3	12.5	0.9
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	9.9	2.1	12.0	0.5	0.3	12.2	0.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.3	0.3	0.0	0.0	0.3	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	9.9	2.4	12.3	0.5	0.3	12.5	0.9
By interest rate type	...	...	...	...	...	...	...
Fixed	9.6	1.7	11.3	0.5	0.3	11.5	0.9
Other	0.2	0.8	1.0	0.0	0.0	1.0	0.0

Argentina (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	60.5	3.9	64.5	4.0	4.0	67.3	2.7
By currency							
Local currency	0.2	...	0.2	...	...	0.2	0.0
US dollar	42.3	4.0	46.3	1.2	1.2	47.5	2.7
Euro	17.4	-0.1	17.4	2.8	2.8	19.1	0.0
Other foreign currencies	0.6	0.0	0.6	0.0	0.0	0.5	0.0
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	0.0
Long-term	60.4	3.9	64.4	4.0	4.0	67.2	2.7
By interest rate type							
Fixed	59.0	3.9	63.0	4.0	4.0	65.8	2.7
Other	1.5	0.0	1.5	0.0	0.0	1.5	0.0
National issuers							
International debt securities	72.2	6.1	78.3	5.3	4.9	82.0	3.5
Banks	1.0	0.3	1.3	0.8	0.8	2.0	0.2
By currency							
US dollar	1.0	0.3	1.3	0.4	0.4	1.7	0.2
Euro	...	...	...	...	...	...	...
Other currencies	0.0	0.0	0.0	0.4	0.4	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	0.3	1.3	0.8	0.8	2.0	0.2
By interest rate type							
Fixed	1.0	0.3	1.3	0.4	0.4	1.7	0.2
Other	0.0	0.0	0.0	0.4	0.4	0.4	0.0
Other financial corporations	1.0	-0.1	0.9	0.0	-0.2	0.7	0.2
By currency							
US dollar	0.8	-0.1	0.7	...	-0.2	0.6	0.2
Euro	0.2	...	0.2	0.0	0.0	0.1	0.0
Other currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	-0.1	0.9	0.0	-0.2	0.7	0.2
By interest rate type							
Fixed	0.9	-0.1	0.8	0.0	-0.2	0.6	0.2
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Non-financial corporations	9.7	2.0	11.7	0.5	0.3	12.0	0.4
By currency							
US dollar	9.5	1.9	11.4	0.5	0.3	11.7	0.4
Euro	...	...	...	...	...	...	...
Other currencies	0.2	0.1	0.3	0.0	0.0	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.7	2.0	11.7	0.5	0.3	12.0	0.4
By interest rate type							
Fixed	9.0	1.3	10.3	0.5	0.3	10.6	0.3
Other	0.7	0.8	1.4	0.0	0.0	1.4	0.1

Australia

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	1,877.4	...	1,928.3	...	...	...	...
Financial corporations	1,081.7	...	1,096.0	...	...	...	...
Non-financial corporations	213.6	...	212.9	...	...	...	...
General government	582.1	...	619.4	...	...	...	...
Domestic debt securities	1,315.6	22.0	1,373.9	...	...	...	...
Financial corporations	698.8	1.0	719.0	...	...	...	...
Short-term	191.9	-1.9	195.3	...	...	...	...
Long-term	506.9	2.9	523.7	...	...	...	...
Non-financial corporations	40.2	-1.4	40.0	...	...	...	...
Short-term	2.9	0.0	3.0	...	...	...	...
Long-term	37.4	-1.4	37.0	...	...	...	...
General government	576.6	22.4	614.9	...	...	...	...
Short-term	17.3	0.6	18.4	...	...	...	...
Long-term	559.3	21.8	596.5	...	...	...	...
International debt securities	610.2	7.7	618.7	37.0	-10.4	591.6	113.6
Banks	349.5	6.5	355.9	29.4	-10.3	335.3	97.5
By currency							
Local currency	18.3	-0.4	18.4	1.4	-2.2	15.3	4.3
US dollar	162.8	8.2	171.0	15.5	1.1	172.1	46.2
Euro	81.6	-1.1	81.0	3.4	-5.5	71.1	9.0
Other foreign currencies	86.8	-0.3	85.5	9.1	-3.7	76.8	38.0
By original maturity							
Short-term	45.2	4.0	48.5	15.2	-2.4	44.7	44.2
Long-term	304.3	2.5	307.5	14.2	-7.9	290.6	53.3
By interest rate type							
Fixed	262.3	8.0	270.9	27.2	4.1	267.0	66.3
Other	87.3	-1.5	85.1	2.2	-14.4	68.3	31.2
Other financial corporations	190.9	3.7	195.3	4.0	-0.7	189.8	9.1
By currency							
Local currency	29.2	-0.3	29.8	0.4	0.1	28.2	2.8
US dollar	102.5	4.8	107.3	2.3	-1.1	106.3	3.0
Euro	41.8	-0.4	41.6	0.1	0.0	39.2	0.9
Other foreign currencies	17.3	-0.4	16.6	1.2	0.3	16.1	2.4
By original maturity							
Short-term	2.9	0.8	3.7	1.8	-0.9	2.7	2.7
Long-term	188.0	2.9	191.6	2.3	0.2	187.1	6.4
By interest rate type							
Fixed	89.9	4.5	94.5	4.0	-0.5	91.7	6.6
Other	101.0	-0.7	100.9	0.0	-0.2	98.1	2.5
Non-financial corporations	64.5	-0.9	63.7	1.6	-0.2	62.0	4.8
By currency							
Local currency	4.2	0.2	4.6	0.3	0.0	4.3	1.6
US dollar	37.6	-1.3	36.3	1.2	-0.2	36.1	2.0
Euro	16.8	0.2	17.1	...	...	16.2	1.1
Other foreign currencies	5.9	0.0	5.8	0.1	0.0	5.4	0.1
By original maturity							
Short-term	0.9	-0.3	0.6	0.7	0.2	0.7	0.7
Long-term	63.6	-0.6	63.1	0.9	-0.4	61.2	4.1
By interest rate type							
Fixed	60.0	-0.1	59.9	1.6	-0.2	58.3	3.9
Other	4.5	-0.8	3.8	0.0	0.0	3.7	0.9

Australia (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	5.3	-1.6	3.7	2.0	0.9	4.5	2.2
By currency							
Local currency	2.3	-0.5	1.9	0.0	0.0	1.8	0.1
US dollar	2.3	-1.3	1.0	1.7	0.9	1.9	1.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.7	0.1	0.8	0.2	0.0	0.7	0.2
By original maturity							
Short-term	2.7	-1.6	1.1	2.0	0.9	2.0	2.0
Long-term	2.6	0.0	2.6	0.0	0.0	2.5	0.2
By interest rate type							
Fixed	5.3	-1.6	3.7	2.0	0.9	4.5	2.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	633.8	11.4	645.4	28.8	-9.6	618.0	99.5
Banks	411.0	9.3	420.4	22.7	-8.1	399.8	87.7
By currency							
US dollar	189.1	10.3	199.4	14.9	5.1	204.5	41.3
Euro	103.6	0.2	104.4	4.3	-5.4	93.3	14.3
Other currencies	118.3	-1.3	116.6	3.6	-7.8	102.0	32.1
By original maturity							
Short-term	28.7	3.6	31.5	5.2	-3.0	27.4	27.4
Long-term	382.3	5.7	389.0	17.5	-5.2	372.3	60.3
By interest rate type							
Fixed	275.9	10.4	286.9	18.0	3.9	282.0	51.9
Other	135.1	-1.1	133.6	4.7	-12.1	117.8	35.8
Other financial corporations	97.0	0.3	97.3	1.1	-1.5	93.6	4.7
By currency							
US dollar	56.9	0.4	57.3	0.9	-0.8	56.5	2.1
Euro	17.4	-0.8	16.7	0.1	0.0	15.7	0.0
Other currencies	22.7	0.7	23.3	0.1	-0.6	21.4	2.6
By original maturity							
Short-term	1.6	0.6	2.2	1.0	-0.7	1.5	1.5
Long-term	95.4	-0.3	95.1	0.2	-0.8	92.2	3.3
By interest rate type							
Fixed	24.2	0.5	24.6	1.1	-0.6	23.6	4.1
Other	72.9	-0.2	72.7	0.0	-0.8	70.1	0.6
Non-financial corporations	120.5	3.5	123.9	3.0	-0.9	120.1	4.9
By currency							
US dollar	67.2	2.9	70.1	2.5	-0.4	69.7	2.7
Euro	37.7	0.4	38.3	0.0	-0.5	35.6	1.1
Other currencies	15.5	0.2	15.5	0.5	0.0	14.8	1.1
By original maturity							
Short-term	1.0	-0.3	0.7	0.7	0.2	0.8	0.7
Long-term	119.5	3.8	123.2	2.3	-1.0	119.3	4.2
By interest rate type							
Fixed	113.9	3.5	117.4	2.6	-1.3	113.4	4.0
Other	6.5	-0.1	6.5	0.4	0.4	6.7	0.9

Belgium

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	682.7	...	680.7	...	...	...	...
Financial corporations	183.4	...	180.4	...	...	...	...
Non-financial corporations	63.2	...	63.4	...	...	...	...
General government	436.0	...	436.9	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	155.4	3.6	159.6	2.3	-0.3	151.3	10.5
Banks	20.4	-0.2	20.3	1.3	0.1	19.4	4.2
By currency							
Local currency	19.1	-0.2	19.1	1.3	0.2	18.2	4.2
US dollar	1.3	...	1.3	...	0.0	1.2	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	20.4	-0.2	20.3	1.3	0.1	19.4	4.2
By interest rate type							
Fixed	13.0	-0.2	12.9	0.8	0.8	13.0	3.0
Other	7.4	0.0	7.4	0.5	-0.7	6.4	1.2
Other financial corporations	66.4	1.0	67.7	...	...	64.1	0.5
By currency							
Local currency	64.5	...	64.8	...	...	61.2	0.5
US dollar	1.2	1.0	2.2	...	...	2.2	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.8	0.0	0.7	...	...	0.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	66.4	1.0	67.7	...	...	64.1	0.5
By interest rate type							
Fixed	16.9	1.0	17.9	...	...	17.0	0.4
Other	49.6	0.0	49.8	...	...	47.1	0.1
Non-financial corporations	51.2	-0.3	51.0	0.6	-0.9	47.6	4.3
By currency							
Local currency	41.9	0.2	42.4	0.6	-0.9	39.2	2.9
US dollar	5.1	-0.5	4.6	...	...	4.6	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	4.2	0.0	4.1	0.0	0.0	3.9	1.0
By original maturity							
Short-term	0.8	...	0.8	...	...	0.8	0.0
Long-term	50.3	-0.3	50.2	0.6	-0.9	46.8	4.3
By interest rate type							
Fixed	45.9	0.1	46.1	0.4	-0.9	42.9	3.1
Other	5.3	-0.4	4.9	0.3	0.1	4.7	1.2

Belgium (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	17.4	3.0	20.5	0.4	0.4	20.2	1.5
By currency							
Local currency	12.2	0.0	12.3	0.4	0.4	12.0	1.5
US dollar	4.0	3.0	7.0	...	...	7.0	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.2	0.0	1.2	0.0	0.0	1.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	17.4	3.0	20.5	0.4	0.4	20.2	1.5
By interest rate type							
Fixed	14.3	3.2	17.4	0.4	0.4	17.2	0.6
Other	3.2	-0.1	3.1	0.0	0.0	2.9	0.9
National issuers							
International debt securities	313.3	2.0	316.3	15.0	-3.8	297.5	49.1
Banks	171.2	-0.9	170.8	10.2	-2.9	159.7	40.8
By currency							
US dollar	22.9	4.0	26.9	0.3	-4.8	22.1	7.7
Euro	135.2	-6.5	129.5	6.0	0.7	122.9	24.5
Other currencies	13.1	1.5	14.3	3.9	1.2	14.7	8.6
By original maturity							
Short-term	10.7	4.5	15.1	5.4	0.1	14.6	14.6
Long-term	160.6	-5.5	155.7	4.8	-3.0	145.2	26.3
By interest rate type							
Fixed	116.9	0.3	117.5	9.6	-1.3	110.8	30.6
Other	54.3	-1.3	53.3	0.6	-1.7	49.0	10.2
Other financial corporations	69.0	0.2	69.6	2.1	-2.2	63.8	2.2
By currency							
US dollar	3.7	0.0	3.7	0.3	0.1	3.8	0.3
Euro	64.0	0.0	64.4	1.7	-2.4	58.5	1.8
Other currencies	1.4	0.1	1.5	0.1	0.1	1.6	0.1
By original maturity							
Short-term	1.4	-0.3	1.1	0.9	0.4	1.5	1.5
Long-term	67.7	0.4	68.5	1.2	-2.6	62.3	0.8
By interest rate type							
Fixed	26.2	0.1	26.4	2.0	-1.3	23.9	1.9
Other	42.8	0.1	43.1	0.1	-0.9	39.9	0.3
Non-financial corporations	55.6	-0.3	55.4	2.3	0.8	53.8	4.5
By currency							
US dollar	9.8	-0.5	9.3	1.2	1.2	10.5	0.5
Euro	41.1	0.2	41.5	1.1	-0.4	38.9	2.9
Other currencies	4.8	0.0	4.6	0.0	0.0	4.4	1.2
By original maturity							
Short-term	0.8	...	0.8	...	...	0.8	0.0
Long-term	54.8	-0.3	54.6	2.3	0.8	53.0	4.5
By interest rate type							
Fixed	50.5	0.1	50.6	2.0	0.8	49.2	3.3
Other	5.1	-0.4	4.8	0.3	0.1	4.6	1.2

Brazil

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	1,983.3	...	...	...	...	...	...
Financial corporations	568.5	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	119.4	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	1,295.5	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	133.5	-1.5	132.0	0.0	-1.2	130.2	8.2
Banks	33.1	-2.4	30.8	0.0	-0.4	30.3	3.0
By currency							
Local currency	1.3	-0.5	0.8	...	...	0.8	0.7
US dollar	29.9	-1.9	28.1	0.0	-0.2	27.9	1.4
Euro	1.6	...	1.6	...	...	1.5	0.8
Other foreign currencies	0.4	0.0	0.4	0.0	-0.2	0.2	0.1
By original maturity							
Short-term	0.0	0.0	...	...	...	...	...
Long-term	33.1	-2.4	30.8	0.0	-0.4	30.3	3.0
By interest rate type							
Fixed	33.0	-2.4	30.6	0.0	-0.4	30.2	3.0
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Other financial corporations	14.2	...	14.2	...	-0.4	13.8	0.8
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	14.2	...	14.2	...	-0.4	13.8	0.8
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	14.2	...	14.2	...	-0.4	13.8	0.8
By interest rate type							
Fixed	14.2	...	14.2	...	-0.4	13.8	0.8
Other	0.0	...	0.0	...	0.0	0.0	0.0
Non-financial corporations	36.5	-0.6	35.9	...	-0.5	35.1	1.4
By currency							
Local currency	1.2	-0.3	0.8	...	...	0.8	0.2
US dollar	30.4	-0.3	30.1	...	-0.5	29.6	0.4
Euro	5.0	...	5.0	...	...	4.7	0.8
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	36.5	-0.6	35.9	...	-0.5	35.1	1.4
By interest rate type							
Fixed	36.2	-0.6	35.5	...	-0.5	34.8	1.4
Other	0.4	0.0	0.4	...	0.0	0.4	0.0

Brazil (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	49.6	1.5	51.1	...	...	51.0	3.0
By currency							
Local currency	3.4	...	3.4	...	...	3.4	0.0
US dollar	44.6	1.5	46.1	...	...	46.1	2.6
Euro	1.5	...	1.5	...	...	1.5	0.4
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	49.6	1.5	51.1	...	...	51.0	3.0
By interest rate type							
Fixed	49.6	1.5	51.1	...	...	51.0	3.0
Other	0.0	0.0	0.0	...	...	0.0	0.0
National issuers							
International debt securities	289.2	2.1	291.3	3.3	-0.9	289.1	22.9
Banks	67.5	-1.4	66.1	1.8	-0.2	65.7	9.0
By currency							
US dollar	61.1	-0.9	60.2	1.7	0.1	60.3	6.8
Euro	2.7	0.0	2.8	0.0	0.0	2.6	0.8
Other currencies	3.7	-0.5	3.2	0.0	-0.2	2.8	1.4
By original maturity							
Short-term	2.4	0.4	2.9	1.5	0.1	3.0	3.0
Long-term	65.1	-1.8	63.3	0.2	-0.3	62.7	6.0
By interest rate type							
Fixed	66.2	-1.4	64.8	1.6	-0.2	64.3	8.3
Other	1.3	0.1	1.4	0.1	0.0	1.4	0.6
Other financial corporations	16.4	-0.7	15.7	0.2	0.1	15.8	1.0
By currency							
US dollar	16.2	-0.8	15.5	0.2	0.1	15.5	0.8
Euro	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.1
By original maturity							
Short-term	0.2	0.0	0.2	0.2	0.1	0.3	0.3
Long-term	16.3	-0.8	15.5	0.0	-0.1	15.5	0.7
By interest rate type							
Fixed	16.4	-0.8	15.7	0.2	0.1	15.8	1.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-financial corporations	155.6	2.8	158.3	1.3	-0.8	156.6	9.9
By currency							
US dollar	138.3	3.4	141.8	1.3	-0.8	140.9	8.9
Euro	12.7	...	12.7	...	0.0	12.0	0.8
Other currencies	4.6	-0.7	3.8	0.0	0.0	3.7	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	155.6	2.8	158.3	1.3	-0.8	156.6	9.9
By interest rate type							
Fixed	150.7	2.7	153.4	1.3	-0.9	151.7	8.5
Other	5.0	0.0	5.0	0.0	0.0	5.0	1.4

Canada

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	2,200.4	...	2,213.5	...	...	...	...
Financial corporations	602.8	...	616.2	...	...	...	...
Non-financial corporations	439.6	...	442.3	...	...	...	...
General government	1,157.9	...	1,155.0	...	...	...	...
Domestic debt securities	1,548.5	20.3	1,556.0	...	...	...	...
Financial corporations	301.3	9.1	307.8	...	...	...	...
Short-term	95.2	4.4	98.8	...	...	...	...
Long-term	206.1	4.7	209.1	...	...	...	...
Non-financial corporations	223.2	2.9	224.3	...	...	...	...
Short-term	7.6	-1.8	5.8	...	...	...	...
Long-term	215.5	4.7	218.4	...	...	...	...
General government	1,024.0	8.3	1,023.9	...	...	...	...
Short-term	145.4	-4.3	139.9	...	...	...	...
Long-term	878.7	12.7	884.0	...	...	...	...
International debt securities	829.5	15.0	843.8	32.7	-5.9	825.4	120.4
Banks	300.5	2.5	302.7	10.5	-2.6	293.1	62.5
By currency							
Local currency	6.1	-0.2	5.8	0.0	0.0	5.6	1.1
US dollar	172.8	-1.6	171.2	6.2	-1.9	169.3	44.0
Euro	87.5	0.7	88.7	2.3	0.6	84.4	8.6
Other foreign currencies	34.1	3.6	37.0	2.0	-1.3	33.8	8.8
By original maturity							
Short-term	8.4	3.8	12.0	1.7	-2.2	9.4	9.4
Long-term	292.1	-1.3	290.7	8.9	-0.4	283.7	53.1
By interest rate type							
Fixed	217.4	9.0	226.7	8.8	-0.2	221.8	39.2
Other	83.0	-6.5	76.0	1.7	-2.3	71.3	23.3
Other financial corporations	162.2	11.7	173.4	6.3	-8.9	161.8	28.3
By currency							
Local currency	54.2	2.6	56.4	1.2	-7.3	47.7	5.9
US dollar	83.1	8.7	91.7	4.2	-0.8	90.9	17.8
Euro	14.6	-0.3	14.4	0.7	0.7	14.3	2.5
Other foreign currencies	10.3	0.7	10.9	0.2	-1.6	8.8	2.2
By original maturity							
Short-term	1.8	0.4	2.2	0.4	-0.5	1.7	1.7
Long-term	160.4	11.3	171.2	5.9	-8.4	160.1	26.7
By interest rate type							
Fixed	123.2	9.9	132.8	3.7	-10.9	119.7	15.8
Other	39.0	1.8	40.7	2.7	2.0	42.1	12.6
Non-financial corporations	248.0	1.6	249.5	12.3	6.6	255.3	16.0
By currency							
Local currency	17.0	0.2	17.1	0.4	0.2	16.8	1.9
US dollar	225.1	1.4	226.5	11.9	6.4	232.9	13.8
Euro	4.0	...	4.1	...	...	3.8	0.0
Other foreign currencies	1.9	0.0	1.9	0.0	0.0	1.8	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	248.0	1.6	249.5	12.3	6.6	255.3	16.0
By interest rate type							
Fixed	227.8	0.6	228.3	11.9	7.2	234.9	12.7
Other	20.2	1.0	21.2	0.5	-0.6	20.4	3.3

Canada (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	118.8	-0.9	118.2	3.5	-1.0	115.2	13.5
By currency							
Local currency	6.3	...	6.3	...	-0.2	6.0	0.1
US dollar	81.0	-1.7	79.4	2.5	-0.7	78.7	12.2
Euro	21.5	0.5	22.2	0.3	0.3	21.3	0.1
Other foreign currencies	10.0	0.3	10.4	0.7	-0.5	9.3	1.1
By original maturity							
Short-term	0.1	0.0	0.1	0.1	0.0	0.1	0.1
Long-term	118.7	-0.9	118.0	3.4	-0.9	115.1	13.4
By interest rate type							
Fixed	115.5	-2.0	113.7	3.5	-0.8	110.9	12.6
Other	3.4	1.2	4.5	0.0	-0.2	4.3	0.9
National issuers							
International debt securities	821.2	18.2	838.7	39.2	-0.2	825.6	129.8
Banks	338.9	7.5	346.0	17.8	0.3	338.5	78.5
By currency							
US dollar	197.9	1.7	199.5	12.2	2.3	201.8	55.0
Euro	93.0	0.8	94.3	2.4	0.1	89.1	9.3
Other currencies	48.1	5.0	52.1	3.1	-2.0	47.6	14.2
By original maturity							
Short-term	18.8	6.1	24.6	6.7	-0.9	23.0	23.0
Long-term	320.1	1.3	321.4	11.0	1.2	315.5	55.4
By interest rate type							
Fixed	242.0	11.7	253.9	15.3	2.8	251.5	51.9
Other	96.9	-4.3	92.1	2.4	-2.5	87.0	26.5
Other financial corporations	122.1	9.1	130.8	4.6	-8.0	120.6	21.3
By currency							
US dollar	56.2	6.2	62.4	3.6	0.7	63.2	14.5
Euro	8.4	-0.1	8.4	0.0	0.0	8.0	0.8
Other currencies	57.5	2.9	59.9	1.0	-8.7	49.5	6.0
By original maturity							
Short-term	1.9	0.5	2.3	0.5	-0.4	1.9	1.9
Long-term	120.2	8.6	128.5	4.0	-7.6	118.7	19.4
By interest rate type							
Fixed	88.6	8.8	97.1	2.6	-9.5	85.9	10.2
Other	33.6	0.2	33.7	2.0	1.5	34.8	11.1
Non-financial corporations	241.4	2.5	243.8	13.4	8.5	251.2	16.5
By currency							
US dollar	213.3	2.5	215.7	12.1	7.7	223.4	13.6
Euro	7.5	0.0	7.5	0.5	0.5	7.6	0.4
Other currencies	20.6	0.1	20.5	0.7	0.2	20.2	2.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	241.4	2.5	243.8	13.4	8.5	251.2	16.5
By interest rate type							
Fixed	221.0	1.6	222.6	12.7	8.6	230.4	13.0
Other	20.4	0.9	21.2	0.7	-0.2	20.8	3.5

China

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	8,853.7	...	9,400.5	...	...	...	...
Financial corporations	3,377.0	...	3,520.2	...	...	...	...
Non-financial corporations	2,486.2	...	2,597.7	...	...	...	...
General government	2,990.5	...	3,282.7	...	...	...	...
Domestic debt securities	8,639.0	578.5	9,183.7	...	...	...	...
Financial corporations	3,248.9	162.4	3,398.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	2,467.1	122.2	2,579.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	2,923.1	293.9	3,205.4	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	112.3	12.7	124.9	14.8	8.4	131.8	12.4
Banks	49.9	2.4	52.3	4.9	4.4	56.2	5.0
By currency							
Local currency	8.9	0.0	8.8	...	-0.2	8.3	2.2
US dollar	36.8	1.9	38.7	2.7	2.6	41.3	1.4
Euro	3.2	...	3.2	2.1	2.1	5.1	0.0
Other foreign currencies	1.0	0.5	1.6	0.1	-0.1	1.4	1.4
By original maturity							
Short-term	1.7	0.8	2.6	0.4	0.2	2.7	2.7
Long-term	48.2	1.6	49.7	4.5	4.2	53.4	2.3
By interest rate type							
Fixed	49.0	1.8	50.8	4.9	4.4	54.6	5.0
Other	0.9	0.6	1.5	0.0	0.0	1.5	0.0
Other financial corporations	33.6	5.0	38.7	2.0	1.4	39.8	1.5
By currency							
Local currency	1.6	0.3	1.9	...	...	1.8	0.7
US dollar	29.2	4.8	34.0	2.0	1.4	35.4	0.8
Euro	2.8	...	2.8	...	...	2.6	...
Other foreign currencies	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	33.6	5.0	38.7	2.0	1.4	39.8	1.5
By interest rate type							
Fixed	27.6	4.4	32.1	2.0	1.4	33.2	1.5
Other	6.0	0.6	6.6	0.0	0.0	6.6	0.0
Non-financial corporations	16.0	4.7	20.7	4.3	0.9	21.3	2.2
By currency							
Local currency	4.0	0.2	4.2	1.0	-0.6	3.5	1.2
US dollar	9.7	4.4	14.2	2.4	0.6	14.7	0.3
Euro	0.4	...	0.4	...	...	0.4	...
Other foreign currencies	1.8	0.0	1.8	1.0	0.9	2.6	0.6
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	16.0	4.7	20.7	4.3	0.9	21.3	2.2
By interest rate type							
Fixed	8.8	2.6	11.4	3.8	1.5	12.6	0.9
Other	7.2	2.1	9.3	0.5	-0.6	8.7	1.2

China (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	12.8	0.6	13.3	3.6	1.7	14.5	3.7
By currency							
Local currency	12.5	0.6	13.0	3.6	1.7	14.2	3.7
US dollar	0.2	...	0.2	...	...	0.2	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.0	0.1	0.0	0.0	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	12.8	0.6	13.3	3.6	1.7	14.5	3.7
By interest rate type							
Fixed	12.8	0.6	13.3	3.6	1.7	14.5	3.7
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	565.4	40.4	605.5	91.2	38.7	639.1	147.4
Banks	176.3	15.4	191.6	54.0	15.3	204.9	93.3
By currency							
US dollar	123.6	14.5	138.1	34.5	10.6	148.7	57.4
Euro	9.1	0.3	9.5	7.3	5.2	14.0	7.3
Other currencies	43.6	0.6	44.0	12.2	-0.4	42.2	28.6
By original maturity							
Short-term	68.4	2.2	70.5	43.0	9.1	78.8	77.9
Long-term	107.9	13.2	121.1	11.0	6.2	126.2	15.5
By interest rate type							
Fixed	169.2	13.5	182.5	53.1	14.6	195.1	93.0
Other	7.1	1.9	9.1	0.9	0.7	9.8	0.3
Other financial corporations	83.6	8.5	92.1	15.3	10.3	101.6	11.3
By currency							
US dollar	64.0	8.5	72.5	11.6	10.2	82.6	7.2
Euro	5.3	0.3	5.6	1.4	0.8	6.1	0.7
Other currencies	14.4	-0.3	14.0	2.3	-0.7	12.9	3.5
By original maturity							
Short-term	8.7	-2.6	6.2	2.6	-0.2	5.9	5.9
Long-term	74.9	11.0	85.9	12.8	10.5	95.7	5.4
By interest rate type							
Fixed	73.9	7.7	81.6	13.9	8.9	89.8	11.2
Other	9.7	0.8	10.5	1.4	1.4	11.9	0.2
Non-financial corporations	292.6	15.9	308.5	18.0	11.0	317.8	39.0
By currency							
US dollar	247.3	15.3	262.6	14.9	8.9	271.5	27.6
Euro	15.4	...	15.4	1.1	1.1	15.6	0.1
Other currencies	29.9	0.6	30.4	2.0	1.0	30.6	11.3
By original maturity							
Short-term	0.4	0.1	0.5	0.1	-0.1	0.5	0.5
Long-term	292.2	15.8	308.0	17.8	11.1	317.3	38.5
By interest rate type							
Fixed	263.6	13.5	277.2	17.0	11.6	287.1	33.7
Other	29.0	2.3	31.3	1.0	-0.6	30.6	5.2

France

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	4,150.5	...	4,181.7	...	...	...	...
Financial corporations	1,479.3	...	1,489.4	...	...	...	...
Non-financial corporations	621.5	...	641.1	...	...	...	...
General government	2,049.6	...	2,051.2	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	1,434.4	11.9	1,450.0	99.5	8.8	1,393.8	266.9
Banks	611.9	2.7	616.6	39.2	4.0	590.8	131.4
By currency							
Local currency	424.0	-7.9	418.3	17.1	-0.3	394.7	89.4
US dollar	109.7	5.6	115.3	6.8	1.0	116.2	17.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	78.2	5.1	83.0	15.3	3.3	79.8	24.6
By original maturity							
Short-term	31.7	5.0	36.3	20.0	1.5	36.2	36.1
Long-term	580.2	-2.3	580.4	19.2	2.5	554.6	95.3
By interest rate type							
Fixed	494.0	4.9	500.3	37.3	7.9	483.8	96.5
Other	117.9	-2.2	116.3	1.9	-3.8	107.0	34.9
Other financial corporations	420.1	10.9	432.0	28.6	-10.2	405.3	88.7
By currency							
Local currency	257.6	4.9	264.0	5.8	2.2	251.4	25.4
US dollar	124.6	13.0	137.6	21.3	-11.4	126.2	58.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	37.9	-7.0	30.4	1.5	-1.0	27.6	4.8
By original maturity							
Short-term	42.1	4.3	46.3	24.9	-6.5	39.5	39.5
Long-term	378.0	6.6	385.7	3.7	-3.7	365.8	49.2
By interest rate type							
Fixed	304.9	9.9	315.2	26.6	-11.5	293.3	83.2
Other	115.2	1.0	116.8	2.0	1.3	112.0	5.5
Non-financial corporations	394.3	-1.8	393.3	31.7	15.0	390.0	46.7
By currency							
Local currency	289.3	-1.4	289.5	15.2	3.4	276.6	31.7
US dollar	69.0	-0.8	68.1	13.3	11.4	79.5	8.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	36.1	0.4	35.7	3.2	0.2	33.9	6.6
By original maturity							
Short-term	7.8	1.0	8.8	7.5	1.4	9.8	9.8
Long-term	386.5	-2.8	384.5	24.2	13.7	380.2	36.8
By interest rate type							
Fixed	363.1	-0.6	363.1	30.9	14.3	360.6	44.3
Other	31.2	-1.2	30.1	0.8	0.7	29.5	2.4

France (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	8.0	0.1	8.1	0.1	-0.1	7.6	0.2
By currency							
Local currency	7.1	0.1	7.2	0.1	0.0	6.8	0.0
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.0	0.0	1.0	0.0	-0.2	0.8	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.0	0.1	8.1	0.1	-0.1	7.6	0.2
By interest rate type							
Fixed	7.2	0.1	7.3	0.1	-0.1	6.8	0.1
Other	0.9	0.0	0.9	0.0	0.0	0.8	0.0
National issuers							
International debt securities	1,537.1	13.8	1,555.1	113.5	19.7	1,505.7	268.9
Banks	666.6	6.0	675.3	44.3	9.1	651.4	127.1
By currency							
US dollar	126.7	1.5	128.1	8.6	2.8	130.9	24.8
Euro	458.1	-0.1	460.5	22.5	4.2	438.8	82.0
Other currencies	81.9	4.6	86.7	13.2	2.1	81.7	20.4
By original maturity							
Short-term	27.7	2.7	30.2	18.6	1.1	30.0	29.9
Long-term	638.9	3.3	645.1	25.7	8.1	621.4	97.2
By interest rate type							
Fixed	495.8	7.4	505.1	38.9	10.8	491.1	93.6
Other	170.8	-1.4	170.2	5.4	-1.6	160.3	33.5
Other financial corporations	336.4	2.2	339.1	34.1	-6.5	321.0	81.5
By currency							
US dollar	121.0	11.6	132.6	22.3	-10.6	122.0	55.0
Euro	186.7	-2.8	184.9	10.1	4.8	179.3	22.1
Other currencies	28.8	-6.7	21.6	1.7	-0.7	19.7	4.3
By original maturity							
Short-term	46.9	4.3	51.1	27.2	-6.6	44.0	44.0
Long-term	289.5	-2.2	288.0	6.9	0.1	277.0	37.5
By interest rate type							
Fixed	254.0	4.0	258.2	32.3	-7.6	242.9	77.7
Other	82.4	-1.8	80.9	1.8	1.1	78.1	3.7
Non-financial corporations	526.0	5.6	532.6	35.0	17.2	525.6	60.2
By currency							
US dollar	102.1	3.1	105.2	13.5	11.2	116.4	12.3
Euro	372.2	2.7	376.9	18.3	6.3	362.0	39.9
Other currencies	51.7	-0.3	50.4	3.3	-0.4	47.3	8.0
By original maturity							
Short-term	8.9	0.7	9.6	7.9	1.7	10.9	10.9
Long-term	517.2	4.8	523.0	27.1	15.4	514.8	49.3
By interest rate type							
Fixed	448.3	7.0	455.9	33.7	16.7	452.3	52.4
Other	77.8	-1.4	76.6	1.3	0.5	73.3	7.8

Germany

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	3,430.5	...	3,459.9	...	...	...	...
Financial corporations	1,453.8	...	1,457.2	...	...	...	...
Non-financial corporations	165.6	...	169.7	...	...	...	...
General government	1,811.1	...	1,832.9	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	1,177.9	20.9	1,199.3	143.1	1.7	1,158.1	317.4
Banks	489.0	12.4	502.2	57.5	3.5	492.0	131.6
By currency							
Local currency	153.4	-0.6	153.6	16.7	7.3	152.2	41.8
US dollar	248.4	13.5	261.9	33.9	-3.0	259.0	68.8
Euro	...	...	...	...	...	...	...
Other foreign currencies	87.2	-0.5	86.7	6.9	-0.8	80.9	21.0
By original maturity							
Short-term	45.8	8.5	54.1	24.6	-12.5	40.7	40.6
Long-term	443.2	3.9	448.1	32.9	16.1	451.4	91.1
By interest rate type							
Fixed	426.5	10.9	438.3	42.5	-7.7	418.8	109.4
Other	62.4	1.5	63.9	15.0	11.3	73.3	22.2
Other financial corporations	447.3	7.4	453.6	72.7	-7.8	428.8	149.0
By currency							
Local currency	210.8	3.8	215.7	14.1	1.2	204.7	31.1
US dollar	141.2	7.0	148.2	48.2	-5.6	142.6	82.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	95.3	-3.3	89.8	10.4	-3.4	81.5	35.2
By original maturity							
Short-term	95.1	7.5	102.1	57.8	-6.6	93.7	93.7
Long-term	352.2	-0.1	351.6	14.8	-1.2	335.0	55.2
By interest rate type							
Fixed	324.7	5.9	329.2	67.3	-6.6	311.5	136.0
Other	122.6	1.5	124.5	5.4	-1.2	117.3	13.0
Non-financial corporations	180.0	-0.3	180.2	10.8	5.3	176.1	21.8
By currency							
Local currency	155.8	-2.4	154.3	8.7	4.1	149.7	17.2
US dollar	11.4	2.2	13.6	0.3	0.2	13.8	0.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	12.8	-0.1	12.4	1.7	0.9	12.6	4.2
By original maturity							
Short-term	6.5	-2.9	3.6	0.7	-2.1	1.3	1.3
Long-term	173.5	2.6	176.6	10.1	7.4	174.7	20.5
By interest rate type							
Fixed	163.1	0.1	163.7	10.2	5.6	160.7	17.6
Other	16.9	-0.4	16.6	0.5	-0.3	15.4	4.2

Germany (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	61.7	1.4	63.2	2.2	0.6	61.2	15.0
By currency							
Local currency	43.2	0.9	44.4	0.1	-0.8	41.2	11.1
US dollar	13.9	0.9	14.8	2.0	1.4	16.2	3.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	4.5	-0.4	4.0	0.1	0.0	3.8	0.7
By original maturity							
Short-term	1.5	-0.6	0.9	...	-0.7	0.1	0.1
Long-term	60.1	2.0	62.4	2.2	1.4	61.1	14.9
By interest rate type							
Fixed	54.4	1.5	56.1	0.8	0.1	53.8	12.7
Other	7.3	-0.1	7.2	1.4	0.5	7.4	2.3
National issuers							
International debt securities	1,759.7	24.3	1,784.8	177.3	-11.6	1,707.6	418.8
Banks	398.0	10.3	409.2	56.1	0.4	395.8	125.6
By currency							
US dollar	157.1	13.2	170.3	29.5	-2.8	167.5	62.2
Euro	192.4	-6.4	187.1	19.5	5.3	181.9	46.7
Other currencies	48.5	3.5	51.8	7.2	-2.1	46.4	16.7
By original maturity							
Short-term	64.1	10.2	74.2	32.5	-14.5	57.9	57.8
Long-term	333.9	0.1	335.0	23.6	14.9	337.9	67.8
By interest rate type							
Fixed	305.6	8.4	314.8	41.7	-10.0	293.9	99.7
Other	92.4	1.9	94.4	14.5	10.4	101.9	25.9
Other financial corporations	762.9	3.9	766.0	80.3	-19.5	722.8	189.2
By currency							
US dollar	335.3	8.3	343.6	56.9	-2.5	341.1	107.3
Euro	244.2	0.1	245.6	9.5	-13.0	219.2	34.1
Other currencies	183.3	-4.4	176.8	14.0	-4.0	162.5	47.8
By original maturity							
Short-term	95.3	7.4	102.2	57.6	-7.1	93.4	93.4
Long-term	667.5	-3.5	663.8	22.7	-12.5	629.4	95.8
By interest rate type							
Fixed	613.4	4.2	616.8	77.3	-13.4	586.0	174.3
Other	149.4	-0.2	149.2	3.1	-6.2	136.8	14.9
Non-financial corporations	537.1	8.7	546.3	38.7	6.9	527.7	88.9
By currency							
US dollar	84.3	11.1	95.3	4.0	-7.2	88.1	19.0
Euro	387.1	-0.8	388.3	30.1	11.9	378.2	58.4
Other currencies	65.8	-1.6	62.7	4.6	2.2	61.4	11.5
By original maturity							
Short-term	15.8	-2.5	13.4	6.8	0.3	13.0	13.0
Long-term	521.3	11.2	532.9	31.9	6.6	514.7	75.9
By interest rate type							
Fixed	413.5	8.2	422.2	24.6	1.0	403.7	64.1
Other	123.6	0.5	124.1	14.1	5.9	124.0	24.8

Hong Kong SAR

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	393.1	...	414.3	...	...	...	...
Financial corporations	208.0	...	220.6	...	...	...	...
Non-financial corporations	53.3	...	54.8	...	...	...	...
General government	131.7	...	138.8	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	210.8	12.1	222.9	28.8	6.3	227.0	68.4
Banks	88.3	10.1	98.5	16.8	-1.6	95.6	42.9
By currency							
Local currency	2.9	0.5	3.4	0.9	0.0	3.4	2.6
US dollar	67.4	8.6	76.0	13.7	0.2	76.1	33.4
Euro	0.8	0.0	0.8	0.0	0.0	0.8	0.2
Other foreign currencies	17.2	1.0	18.2	2.1	-1.8	15.3	6.8
By original maturity							
Short-term	27.2	4.7	31.9	13.0	-0.4	31.2	31.2
Long-term	61.1	5.4	66.6	3.8	-1.2	64.4	11.7
By interest rate type							
Fixed	81.7	9.3	90.9	16.4	-1.6	88.4	41.8
Other	6.7	0.9	7.5	0.3	-0.1	7.3	1.1
Other financial corporations	86.6	1.4	88.0	9.0	5.3	92.5	22.7
By currency							
Local currency	10.2	0.0	10.2	0.7	-1.1	9.1	2.5
US dollar	63.8	0.9	64.7	5.3	4.1	68.7	15.9
Euro	5.0	0.3	5.3	2.3	1.7	6.7	0.8
Other foreign currencies	7.7	0.1	7.8	0.7	0.7	8.1	3.5
By original maturity							
Short-term	8.7	-2.6	6.2	2.5	-0.3	5.8	5.8
Long-term	77.9	4.0	81.9	6.5	5.6	86.7	16.9
By interest rate type							
Fixed	82.2	1.5	83.8	9.0	5.3	88.4	21.2
Other	4.4	-0.1	4.2	0.0	0.0	4.2	1.4
Non-financial corporations	34.8	0.6	35.4	3.1	2.7	37.9	2.8
By currency							
Local currency	1.9	0.0	1.9	0.1	0.0	2.0	0.2
US dollar	27.9	0.8	28.7	1.3	1.0	29.7	1.8
Euro	1.8	...	1.8	...	...	1.7	0.0
Other foreign currencies	3.2	-0.2	3.0	1.8	1.7	4.5	0.7
By original maturity							
Short-term	0.6	0.1	0.7	0.2	0.0	0.7	0.7
Long-term	34.3	0.5	34.7	2.9	2.7	37.2	2.1
By interest rate type							
Fixed	33.8	0.5	34.3	3.0	2.8	36.8	2.6
Other	1.1	0.1	1.1	0.1	-0.1	1.0	0.2

Hong Kong SAR (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	1.0	...	1.0	...	...	1.0	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.0	...	1.0	...	...	1.0	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	...	1.0	...	...	1.0	0.0
By interest rate type							
Fixed	1.0	...	1.0	...	...	1.0	0.0
Other	0.0	...	0.0	...	...	0.0	0.0
National issuers							
International debt securities	136.2	1.5	137.8	10.8	5.0	141.3	25.7
Banks	12.9	-0.2	12.7	1.4	0.4	13.0	3.4
By currency							
US dollar	10.5	-0.4	10.2	1.4	0.6	10.7	3.0
Euro	0.1	0.0	0.1	...	-0.1	...	...
Other currencies	2.3	0.1	2.4	0.0	0.0	2.3	0.5
By original maturity							
Short-term	3.0	-0.3	2.7	0.7	-0.3	2.4	2.4
Long-term	9.9	0.1	10.0	0.8	0.7	10.6	1.0
By interest rate type							
Fixed	12.9	-0.2	12.6	1.4	0.5	13.0	3.4
Other	0.1	0.0	0.1	0.0	-0.1	0.0	0.0
Other financial corporations	15.1	0.2	15.3	0.3	-0.3	14.9	2.5
By currency							
US dollar	9.9	0.3	10.2	0.1	0.0	10.3	0.6
Euro	...	...	...	...	...	...	...
Other currencies	5.1	-0.1	5.1	0.2	-0.4	4.6	1.9
By original maturity							
Short-term	0.6	-0.1	0.5	0.0	0.0	0.5	0.5
Long-term	14.5	0.3	14.8	0.2	-0.3	14.4	2.0
By interest rate type							
Fixed	12.7	0.3	13.0	0.3	-0.3	12.6	1.4
Other	2.4	-0.1	2.3	0.0	0.0	2.3	1.1
Non-financial corporations	108.2	1.6	109.8	9.1	4.9	113.5	19.8
By currency							
US dollar	74.6	1.5	76.1	6.2	4.7	80.8	15.5
Euro	14.2	-1.1	13.2	1.1	-0.8	11.6	1.3
Other currencies	19.4	1.2	20.5	1.8	1.0	21.1	2.9
By original maturity							
Short-term	0.6	0.1	0.7	0.2	0.0	0.7	0.7
Long-term	107.6	1.5	109.0	8.9	4.9	112.7	19.1
By interest rate type							
Fixed	97.9	1.7	99.6	8.2	4.8	103.2	18.6
Other	10.2	-0.1	10.2	0.9	0.1	10.2	1.2

India

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	727.4	15.0	752.9	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	727.4	15.0	752.9	...	...	...	...
Short-term	63.7	-1.6	63.0	...	...	...	...
Long-term	663.7	16.6	689.9	...	...	...	...
International debt securities	30.3	3.7	34.0	1.5	1.0	34.8	1.8
Banks	6.8	1.4	8.2	0.1	-0.3	7.9	0.6
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	6.1	1.4	7.5	...	-0.3	7.2	0.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.7	0.0	0.7	0.1	0.1	0.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.8	1.4	8.2	0.1	-0.3	7.9	0.6
By interest rate type							
Fixed	6.5	1.3	7.8	0.1	-0.3	7.5	0.6
Other	0.3	0.1	0.4	0.0	0.0	0.4	0.0
Other financial corporations	2.8	1.4	4.1	0.2	0.2	4.3	0.5
By currency							
Local currency	...	0.9	0.9	0.2	0.2	1.1	...
US dollar	2.3	0.5	2.8	...	...	2.8	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	0.0	0.5	0.0	0.0	0.4	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.8	1.4	4.1	0.2	0.2	4.3	0.5
By interest rate type							
Fixed	2.7	1.4	4.0	0.2	0.2	4.2	0.5
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Non-financial corporations	20.8	0.9	21.7	1.2	1.0	22.6	0.7
By currency							
Local currency	0.1	0.4	0.5	...	...	0.5	0.0
US dollar	19.0	0.5	19.5	1.2	1.0	20.6	0.7
Euro	0.6	...	0.6	...	...	0.6	0.0
Other foreign currencies	1.1	0.0	1.0	0.0	0.0	1.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	20.8	0.9	21.7	1.2	1.0	22.6	0.7
By interest rate type							
Fixed	18.6	0.9	19.6	1.2	1.1	20.5	0.1
Other	2.1	-0.1	2.1	0.0	0.0	2.1	0.7

India (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	...	...	...	...	...	...	...
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	...	...	...	...	...	...	...
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
By interest rate type							
Fixed	...	...	...	...	...	...	...
Other	...	...	...	...	...	...	...
National issuers							
International debt securities	85.0	2.3	87.3	1.7	-2.2	84.5	7.5
Banks	37.0	0.9	37.8	0.1	-3.6	34.0	6.2
By currency							
US dollar	34.4	0.7	35.0	0.0	-3.7	31.3	5.6
Euro	...	...	...	...	...	...	...
Other currencies	2.6	0.2	2.8	0.1	0.1	2.7	0.6
By original maturity							
Short-term	0.3	-0.1	0.1	0.0	0.0	0.2	0.2
Long-term	36.7	1.0	37.7	0.1	-3.6	33.9	6.0
By interest rate type							
Fixed	35.8	0.4	36.3	0.1	-3.4	32.6	6.1
Other	1.2	0.4	1.6	0.0	-0.2	1.4	0.0
Other financial corporations	2.6	0.9	3.5	0.1	0.1	3.5	0.3
By currency							
US dollar	2.1	...	2.1	...	...	2.1	0.0
Euro	...	...	...	...	...	...	...
Other currencies	0.5	0.9	1.4	0.1	0.1	1.4	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.6	0.9	3.5	0.1	0.1	3.5	0.3
By interest rate type							
Fixed	2.5	0.9	3.4	0.1	0.1	3.4	0.3
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Non-financial corporations	45.5	0.6	46.0	1.5	1.3	46.9	1.0
By currency							
US dollar	37.7	0.4	38.1	1.5	1.3	39.5	1.0
Euro	3.6	...	3.6	...	...	3.4	0.0
Other currencies	4.2	0.2	4.3	0.0	0.0	4.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	45.5	0.6	46.0	1.5	1.3	46.9	1.0
By interest rate type							
Fixed	41.7	1.8	43.5	1.5	1.4	44.4	0.4
Other	3.8	-1.3	2.5	0.0	0.0	2.5	0.7

Indonesia

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	156.6	8.9	167.9	...	...	...	...
Financial corporations	21.0	0.6	22.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	9.0	0.3	9.4	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	126.7	8.0	136.5	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	89.4	-1.3	88.2	3.6	3.4	90.4	2.1
Banks	1.6	...	1.6	...	...	1.6	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.6	...	1.6	...	...	1.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.6	...	1.6	...	...	1.6	0.0
By interest rate type							
Fixed	1.0	...	1.0	...	...	1.0	0.0
Other	0.6	...	0.6	...	...	0.6	0.0
Other financial corporations	18.1	...	18.1	...	-0.2	17.9	0.6
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	17.8	...	17.8	...	-0.2	17.7	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	...	0.2	...	0.0	0.2	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	18.1	...	18.1	...	-0.2	17.9	0.6
By interest rate type							
Fixed	17.9	...	17.9	...	-0.2	17.8	0.6
Other	0.1	...	0.1	...	0.0	0.1	0.0
Non-financial corporations	13.2	...	13.2	...	...	13.2	0.5
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	13.2	...	13.2	...	...	13.2	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	...	0.1	...	...	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	13.2	...	13.2	...	...	13.2	0.5
By interest rate type							
Fixed	13.2	...	13.2	...	...	13.2	0.5
Other	0.0	...	0.0	...	...	0.0	0.0

Indonesia (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	56.5	-1.3	55.3	3.6	3.5	57.7	1.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	40.0	...	40.0	3.5	3.5	43.5	1.0
Euro	13.1	-1.3	11.8	0.1	0.0	11.1	0.0
Other foreign currencies	3.5	0.0	3.5	0.0	0.0	3.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	56.5	-1.3	55.3	3.6	3.5	57.7	1.0
By interest rate type							
Fixed	56.5	-1.3	55.3	3.6	3.5	57.7	1.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	99.9	-0.6	99.4	4.6	2.4	100.6	3.7
Banks	1.2	...	1.2	...	...	1.2	0.5
By currency							
US dollar	1.2	...	1.2	...	...	1.2	0.5
Euro	...	...	...	...	...	...	...
Other currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.2	...	1.2	...	...	1.2	0.5
By interest rate type							
Fixed	1.1	...	1.1	...	...	1.1	0.5
Other	0.1	...	0.1	...	...	0.1	0.0
Other financial corporations	16.9	...	16.9	...	...	16.9	0.5
By currency							
US dollar	16.8	...	16.8	...	...	16.8	0.5
Euro	...	...	...	...	...	...	...
Other currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	16.9	...	16.9	...	...	16.9	0.5
By interest rate type							
Fixed	16.8	...	16.8	...	...	16.8	0.5
Other	0.1	...	0.1	...	...	0.1	0.0
Non-financial corporations	25.3	0.7	26.0	1.1	-1.1	24.8	1.7
By currency							
US dollar	24.6	0.6	25.2	1.1	-1.1	24.1	1.3
Euro	...	...	...	...	...	...	...
Other currencies	0.7	0.1	0.8	0.0	0.0	0.8	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	25.3	0.7	26.0	1.1	-1.1	24.8	1.7
By interest rate type							
Fixed	25.1	0.7	25.8	1.1	-1.1	24.7	1.7
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0

Italy

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	3,107.0	...	3,074.0	...	...	...	...
Financial corporations	850.1	...	843.7	...	...	...	...
Non-financial corporations	137.0	...	140.1	...	...	...	...
General government	2,120.0	...	2,090.2	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	771.0	-9.8	764.7	26.2	1.7	725.1	67.0
Banks	256.0	-8.4	248.9	8.1	-4.8	231.1	43.4
By currency							
Local currency	239.5	-9.2	231.5	7.5	-5.4	213.3	41.9
US dollar	13.8	0.3	14.1	...	...	14.1	1.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.7	0.6	3.3	0.6	0.6	3.7	0.0
By original maturity							
Short-term	0.3	-0.1	0.3	0.1	-0.1	0.2	0.2
Long-term	255.7	-8.3	248.6	8.0	-4.7	230.9	43.2
By interest rate type							
Fixed	194.7	-8.8	186.9	5.2	-2.5	174.7	26.6
Other	61.3	0.4	62.0	2.9	-2.3	56.4	16.8
Other financial corporations	293.9	0.9	296.4	3.1	1.7	281.6	4.3
By currency							
Local currency	292.0	0.9	294.5	3.1	1.7	279.8	4.3
US dollar	0.6	...	0.6	...	...	0.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.3	0.0	1.3	0.0	0.0	1.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	293.9	0.9	296.4	3.1	1.7	281.6	4.3
By interest rate type							
Fixed	66.1	0.1	66.5	0.8	0.1	63.0	3.0
Other	227.8	0.9	229.9	2.3	1.6	218.7	1.3
Non-financial corporations	123.2	4.1	127.6	7.9	-0.3	120.4	10.1
By currency							
Local currency	112.1	4.1	116.8	7.8	-0.5	109.8	9.1
US dollar	4.2	...	4.2	...	...	4.2	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	6.9	0.0	6.6	0.2	0.2	6.4	0.9
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	123.2	4.1	127.6	7.9	-0.3	120.4	10.1
By interest rate type							
Fixed	114.3	3.3	117.9	6.5	0.3	111.8	10.1
Other	8.9	0.8	9.7	1.4	-0.6	8.6	0.0

Italy (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	97.9	-6.5	91.8	7.0	5.1	92.0	9.2
By currency							
Local currency	78.1	-3.5	75.0	7.0	7.0	77.6	6.2
US dollar	13.9	-3.0	10.9	...	-1.0	9.9	2.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	5.9	0.0	5.8	0.0	-0.9	4.5	1.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	97.9	-6.5	91.8	7.0	5.1	92.0	9.2
By interest rate type							
Fixed	66.2	-6.3	60.1	7.0	6.1	63.0	3.6
Other	31.6	-0.1	31.7	0.0	-1.0	29.0	5.6
National issuers							
International debt securities	886.6	-10.1	880.1	30.8	-4.6	830.4	95.7
Banks	397.6	-9.0	390.5	12.4	-5.2	364.6	61.2
By currency							
US dollar	18.7	0.1	18.8	0.3	0.1	18.9	4.3
Euro	374.3	-9.7	366.5	11.5	-5.8	340.4	56.5
Other currencies	4.6	0.5	5.1	0.7	0.6	5.3	0.3
By original maturity							
Short-term	7.8	0.5	8.3	2.3	-0.2	7.6	7.6
Long-term	389.8	-9.5	382.2	10.1	-4.9	357.0	53.6
By interest rate type							
Fixed	224.8	-7.8	218.0	7.9	-2.5	204.5	38.7
Other	172.8	-1.3	172.4	4.5	-2.7	160.2	22.5
Other financial corporations	177.5	-0.2	178.2	0.8	-0.2	168.2	5.1
By currency							
US dollar	2.1	0.1	2.1	...	...	2.1	0.1
Euro	173.0	-0.8	173.2	0.7	-0.3	163.3	4.9
Other currencies	2.4	0.5	2.9	0.1	0.1	2.8	0.1
By original maturity							
Short-term	0.3	...	0.3	0.1	0.1	0.4	0.4
Long-term	177.2	-0.2	177.9	0.7	-0.3	167.8	4.7
By interest rate type							
Fixed	56.3	-1.4	55.2	0.3	-0.4	51.8	2.9
Other	121.2	1.2	123.0	0.5	0.2	116.4	2.2
Non-financial corporations	215.2	5.6	221.3	10.6	-4.3	207.0	20.4
By currency							
US dollar	41.6	-0.2	41.4	0.6	-2.6	38.8	3.2
Euro	159.5	5.8	166.1	9.8	-1.5	155.4	15.8
Other currencies	14.2	0.0	13.7	0.2	-0.2	12.8	1.4
By original maturity							
Short-term	0.5	2.0	2.5	3.3	0.9	3.2	3.2
Long-term	214.7	3.6	218.8	7.3	-5.2	203.7	17.1
By interest rate type							
Fixed	198.2	4.8	203.3	9.8	-0.5	193.7	19.5
Other	17.1	0.8	17.9	0.8	-3.8	13.3	0.9

Japan

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	13,867.6	...	13,952.5	...	...	...	...
Financial corporations	2,689.0	...	2,701.4	...	...	...	...
Non-financial corporations	746.8	...	746.6	...	...	...	...
General government	10,431.9	...	10,504.5	...	...	...	...
Domestic debt securities	13,578.5	-157.6	13,663.4	...	...	...	...
Financial corporations	2,560.3	-30.4	2,575.6	...	...	...	...
Short-term	73.7	0.3	75.4	...	...	...	...
Long-term	2,486.6	-30.7	2,500.3	...	...	...	...
Non-financial corporations	593.3	-13.6	590.2	...	...	...	...
Short-term	42.8	-6.1	37.4	...	...	...	...
Long-term	550.5	-7.5	552.8	...	...	...	...
General government	10,425.0	-113.6	10,497.6	...	...	...	...
Short-term	1,146.9	18.4	1,186.1	...	...	...	...
Long-term	9,278.1	-132.0	9,311.5	...	...	...	...
International debt securities	287.8	12.5	301.6	17.8	8.8	299.9	44.9
Banks	169.5	10.8	180.7	16.0	9.7	186.9	31.4
By currency							
Local currency	19.0	-0.2	19.2	1.4	0.1	16.6	2.3
US dollar	133.6	11.2	144.8	13.3	9.2	154.0	24.5
Euro	10.5	-0.2	10.3	0.7	0.6	10.3	2.9
Other foreign currencies	6.3	0.1	6.4	0.6	-0.2	6.0	1.7
By original maturity							
Short-term	5.5	-0.5	5.0	4.5	1.5	6.4	6.4
Long-term	164.0	11.2	175.7	11.4	8.2	180.5	25.0
By interest rate type							
Fixed	147.2	10.2	157.8	14.8	8.6	163.6	25.4
Other	22.3	0.6	22.9	1.2	1.1	23.3	6.0
Other financial corporations	45.0	2.3	47.5	1.0	-0.4	45.4	5.3
By currency							
Local currency	12.9	-0.2	12.9	0.4	-0.1	11.1	2.8
US dollar	31.5	2.5	34.0	0.6	0.0	34.0	2.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	0.1	0.6	0.0	-0.2	0.3	0.1
By original maturity							
Short-term	0.8	0.1	0.8	0.2	0.0	0.8	0.8
Long-term	44.2	2.3	46.7	0.9	-0.4	44.6	4.5
By interest rate type							
Fixed	32.4	-0.1	32.4	0.9	-0.5	30.7	4.2
Other	12.5	2.5	15.1	0.1	0.1	14.7	1.1
Non-financial corporations	65.9	-0.6	65.9	0.8	-0.5	60.3	6.7
By currency							
Local currency	35.6	-0.7	35.5	0.5	-0.8	30.0	2.3
US dollar	23.5	0.1	23.6	...	...	23.6	3.9
Euro	4.6	...	4.6	0.3	0.3	4.6	0.0
Other foreign currencies	2.3	0.0	2.2	0.0	0.0	2.1	0.6
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	65.9	-0.6	65.9	0.8	-0.5	60.3	6.7
By interest rate type							
Fixed	29.6	0.1	29.8	0.7	0.3	29.4	4.6
Other	36.2	-0.7	36.1	0.1	-0.8	30.9	2.2

Japan (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	7.5	...	7.5	...	...	7.4	1.5
By currency							
Local currency	0.5	...	0.5	...	...	0.4	...
US dollar	5.5	...	5.5	...	...	5.5	1.5
Euro	1.4	...	1.4	...	...	1.3	0.0
Other foreign currencies	0.1	...	0.1	...	...	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.5	...	7.5	...	...	7.4	1.5
By interest rate type							
Fixed	7.5	...	7.5	...	...	7.4	1.5
Other	0.0	...	0.0	...	...	0.0	0.0
National issuers							
International debt securities	473.4	2.1	477.2	51.5	8.1	465.9	103.5
Banks	258.2	-2.7	256.1	36.0	8.3	255.8	58.8
By currency							
US dollar	165.4	-2.1	163.3	19.7	9.0	172.3	32.2
Euro	26.6	-1.2	25.6	5.9	-0.6	23.6	10.0
Other currencies	66.2	0.7	67.3	10.4	-0.1	59.9	16.6
By original maturity							
Short-term	38.2	-6.8	31.1	23.3	0.1	30.1	30.1
Long-term	220.0	4.2	225.0	12.7	8.2	225.7	28.7
By interest rate type							
Fixed	224.5	-2.5	222.3	34.6	7.3	222.8	52.1
Other	33.7	-0.1	33.8	1.4	1.0	32.9	6.7
Other financial corporations	81.0	3.9	85.2	7.1	0.7	82.6	15.2
By currency							
US dollar	49.1	4.6	53.7	2.4	0.1	53.8	6.2
Euro	8.4	0.0	8.4	2.5	0.6	8.5	3.5
Other currencies	23.5	-0.7	23.1	2.2	0.0	20.3	5.5
By original maturity							
Short-term	9.0	-1.5	7.5	6.2	1.6	8.7	8.7
Long-term	71.9	5.4	77.7	0.8	-0.9	73.8	6.5
By interest rate type							
Fixed	58.6	1.0	59.7	7.1	1.3	58.9	12.4
Other	22.4	2.9	25.5	0.0	-0.7	23.6	2.8
Non-financial corporations	126.7	0.9	128.4	8.5	-0.9	120.2	28.0
By currency							
US dollar	51.4	1.6	53.0	1.9	-1.0	52.0	13.0
Euro	15.3	1.2	16.6	1.8	-0.4	15.3	4.4
Other currencies	60.0	-1.8	58.9	4.7	0.6	53.0	10.6
By original maturity							
Short-term	7.3	1.7	8.9	5.7	0.4	9.0	9.0
Long-term	119.4	-0.8	119.5	2.8	-1.3	111.2	19.0
By interest rate type							
Fixed	76.6	1.9	78.6	8.0	0.2	76.8	22.8
Other	50.1	-1.0	49.8	0.4	-1.1	43.4	5.2

South Korea

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	1,502.0	4.3	1,575.3	...	...	...	...
Financial corporations	455.0	4.3	480.2	...	...	...	...
Short-term	84.6	-0.5	87.9	...	...	...	...
Long-term	370.4	4.8	392.3	...	...	...	...
Non-financial corporations	500.9	-0.1	523.8	...	...	...	...
Short-term	9.6	-1.0	9.1	...	...	...	...
Long-term	491.3	0.9	514.7	...	...	...	...
General government	546.1	0.1	571.3	...	...	...	...
Short-term	5.8	-2.4	3.6	...	...	...	...
Long-term	540.3	2.5	567.6	...	...	...	...
International debt securities	171.1	1.0	172.3	12.0	-2.1	168.1	36.9
Banks	93.8	-0.6	93.3	9.2	0.5	92.5	23.6
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	66.9	0.2	67.1	8.0	1.1	68.1	18.4
Euro	6.4	-0.7	5.8	0.1	-0.1	5.4	1.3
Other foreign currencies	20.5	-0.1	20.4	1.0	-0.4	19.0	3.8
By original maturity							
Short-term	5.7	-1.3	4.4	3.8	1.2	5.5	5.5
Long-term	88.1	0.7	88.9	5.4	-0.6	86.9	18.0
By interest rate type							
Fixed	81.9	-0.1	81.8	7.5	0.7	81.3	18.7
Other	11.9	-0.5	11.4	1.6	-0.2	11.1	4.9
Other financial corporations	17.3	2.2	19.6	0.5	-1.5	17.8	3.8
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	14.2	2.4	16.6	0.5	-1.5	15.0	3.0
Euro	1.6	...	1.6	...	...	1.5	0.0
Other foreign currencies	1.5	-0.2	1.4	0.0	0.0	1.3	0.8
By original maturity							
Short-term	0.4	0.0	0.4	0.0	-0.2	0.1	0.1
Long-term	16.9	2.3	19.2	0.5	-1.3	17.7	3.7
By interest rate type							
Fixed	12.4	1.6	14.0	0.5	-0.5	13.3	2.1
Other	5.0	0.6	5.6	0.0	-1.0	4.5	1.7
Non-financial corporations	53.5	-0.6	53.0	2.3	-0.6	51.8	9.5
By currency							
Local currency	0.2	...	0.2	...	...	0.2	0.0
US dollar	44.4	-0.1	44.3	1.9	0.2	44.5	8.4
Euro	1.5	-0.4	1.1	0.1	0.1	1.1	0.0
Other foreign currencies	7.3	-0.1	7.3	0.3	-0.9	6.0	1.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	53.5	-0.6	53.0	2.3	-0.6	51.8	9.5
By interest rate type							
Fixed	49.2	0.4	49.6	1.8	-0.6	48.5	9.2
Other	4.4	-1.0	3.4	0.6	0.0	3.3	0.3

South Korea (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	6.6	...	6.6	...	-0.5	6.0	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.4	...	4.4	...	-0.5	3.9	0.0
Euro	1.2	...	1.3	...	...	1.2	0.0
Other foreign currencies	0.9	...	0.9	...	0.0	0.9	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.6	...	6.6	...	-0.5	6.0	0.0
By interest rate type							
Fixed	6.6	...	6.6	...	-0.5	6.0	0.0
Other	0.0	...	0.0	...	0.0	0.0	0.0
National issuers							
International debt securities	177.9	1.0	179.2	12.0	-2.5	174.5	41.5
Banks	95.3	-0.7	94.8	9.1	0.4	93.9	25.1
By currency							
US dollar	67.6	0.0	67.5	7.6	0.9	68.5	19.0
Euro	6.7	-0.7	6.1	0.3	0.0	5.7	1.6
Other currencies	21.1	0.1	21.2	1.2	-0.5	19.7	4.6
By original maturity							
Short-term	7.2	-0.9	6.3	3.5	0.9	7.1	7.1
Long-term	88.2	0.2	88.5	5.5	-0.5	86.7	18.0
By interest rate type							
Fixed	83.1	-0.2	83.0	7.4	0.6	82.4	20.3
Other	12.2	-0.5	11.8	1.6	-0.2	11.5	4.8
Other financial corporations	10.4	2.6	13.0	0.5	-1.5	11.4	2.0
By currency							
US dollar	9.6	2.6	12.2	0.5	-1.5	10.7	2.0
Euro	0.4	...	0.4	...	...	0.4	0.0
Other currencies	0.4	0.0	0.3	0.0	0.0	0.3	0.1
By original maturity							
Short-term	0.4	0.0	0.4	0.0	-0.2	0.1	0.1
Long-term	10.0	2.6	12.6	0.5	-1.3	11.2	1.9
By interest rate type							
Fixed	7.1	1.8	8.9	0.5	-0.5	8.3	1.0
Other	3.3	0.8	4.1	0.0	-1.0	3.1	1.1
Non-financial corporations	65.6	-0.9	64.8	2.4	-0.9	63.3	14.3
By currency							
US dollar	53.8	-0.1	53.7	1.9	0.2	53.8	12.4
Euro	2.2	-0.4	1.8	0.1	0.1	1.8	0.0
Other currencies	9.6	-0.4	9.3	0.4	-1.1	7.7	2.0
By original maturity							
Short-term	0.1	...	0.1	...	0.0	0.0	0.0
Long-term	65.6	-0.9	64.8	2.4	-0.9	63.2	14.3
By interest rate type							
Fixed	57.1	0.5	57.7	1.9	-0.5	56.7	12.1
Other	8.5	-1.4	7.1	0.6	-0.4	6.6	2.2

Malaysia

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	341.5	...	331.5	...	...	...	...
Financial corporations	45.6	...	41.7	...	...	...	...
Non-financial corporations	133.6	...	135.2	...	...	...	...
General government	162.3	...	154.5	...	...	...	...
Domestic debt securities	302.7	1.2	294.9	...	...	...	...
Financial corporations	37.3	-1.8	34.5	...	...	...	...
Short-term	15.2	-0.6	14.2	...	...	...	...
Long-term	22.1	-1.1	20.3	...	...	...	...
Non-financial corporations	107.6	4.9	109.1	...	...	...	...
Short-term	1.2	0.1	1.3	...	...	...	...
Long-term	106.4	4.7	107.9	...	...	...	...
General government	157.8	-1.9	151.3	...	...	...	...
Short-term	1.2	0.0	1.1	...	...	...	...
Long-term	156.6	-1.9	150.1	...	...	...	...
International debt securities	46.1	-1.3	44.8	2.7	2.4	46.9	4.2
Banks	14.5	-0.6	13.8	1.6	1.4	14.9	3.4
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	9.1	-0.2	8.9	1.6	1.6	10.5	2.7
Euro	0.0	0.0	...	...	...	...	...
Other foreign currencies	5.4	-0.4	4.9	0.0	-0.2	4.4	0.7
By original maturity	...	...	...	...	...	...	...
Short-term	0.5	-0.3	0.2	...	...	0.2	0.2
Long-term	14.0	-0.3	13.6	1.6	1.4	14.7	3.2
By interest rate type	...	...	...	...	...	...	...
Fixed	12.5	-0.5	12.0	1.6	1.3	13.1	3.3
Other	1.9	-0.1	1.8	0.1	0.1	1.8	0.1
Other financial corporations	22.7	0.5	23.2	0.2	0.2	23.3	0.7
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	21.2	0.6	21.8	0.1	0.1	22.0	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.5	-0.1	1.4	0.1	0.1	1.4	0.5
By original maturity	...	...	...	...	...	...	...
Short-term	0.3	0.0	0.3	...	...	0.3	0.3
Long-term	22.3	0.5	22.9	0.2	0.2	23.0	0.4
By interest rate type	...	...	...	...	...	...	...
Fixed	20.1	0.1	20.1	0.2	0.2	20.3	0.7
Other	2.6	0.4	3.1	0.0	0.0	3.1	0.0
Non-financial corporations	2.8	...	2.8	0.8	0.8	3.6	0.0
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	2.8	...	2.8	0.8	0.8	3.5	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	0.1	0.1	0.1	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	2.8	...	2.8	0.8	0.8	3.6	0.0
By interest rate type	...	...	...	...	...	...	...
Fixed	2.6	...	2.6	0.8	0.8	3.5	0.0
Other	0.1	...	0.1	0.0	0.0	0.1	0.0

Malaysia (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	6.2	-1.2	5.0	...	...	5.0	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	5.8	-1.2	4.6	...	...	4.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.4	0.0	0.4	...	...	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.2	-1.2	5.0	...	...	5.0	0.0
By interest rate type							
Fixed	5.8	-1.2	4.6	...	...	4.6	0.0
Other	0.4	0.0	0.4	...	...	0.4	0.0
National issuers							
International debt securities	64.3	-1.3	63.1	3.3	2.3	63.8	6.3
Banks	15.4	-0.5	14.9	1.6	1.3	15.9	3.1
By currency							
US dollar	9.9	-0.2	9.7	1.6	1.6	11.3	2.4
Euro	0.0	0.0	...	...	...	...	...
Other currencies	5.4	-0.3	5.2	0.0	-0.3	4.6	0.7
By original maturity							
Short-term	0.6	-0.4	0.2	...	...	0.2	0.2
Long-term	14.8	-0.1	14.7	1.6	1.3	15.7	2.9
By interest rate type							
Fixed	13.4	-0.4	13.1	1.6	1.2	14.0	3.0
Other	1.9	-0.1	1.8	0.1	0.1	1.8	0.1
Other financial corporations	13.2	0.5	13.8	0.1	0.1	13.7	0.7
By currency							
US dollar	11.7	0.7	12.4	0.1	0.1	12.4	0.3
Euro	...	...	...	...	...	...	...
Other currencies	1.5	-0.1	1.4	0.0	0.0	1.3	0.5
By original maturity							
Short-term	0.3	0.0	0.3	...	...	0.3	0.3
Long-term	12.9	0.5	13.4	0.1	0.1	13.4	0.4
By interest rate type							
Fixed	10.6	0.1	10.7	0.1	0.1	10.7	0.7
Other	2.6	0.4	3.0	0.0	0.0	3.0	0.0
Non-financial corporations	29.5	-0.1	29.4	1.6	0.9	29.2	2.4
By currency							
US dollar	17.1	-0.1	17.0	1.5	1.1	18.1	1.6
Euro	0.0	...	0.0	...	...	0.0	0.0
Other currencies	12.4	0.0	12.4	0.2	-0.1	11.1	0.8
By original maturity							
Short-term	0.0	...	0.0	...	...	0.0	0.0
Long-term	29.5	-0.1	29.4	1.6	0.9	29.2	2.4
By interest rate type							
Fixed	25.6	0.1	25.7	1.6	1.1	26.0	2.2
Other	3.9	-0.2	3.8	0.0	-0.2	3.2	0.2

Mexico

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	484.5	13.6	482.9	...	...	...	...
Financial corporations	140.3	1.9	137.9	...	...	...	...
Short-term	31.3	-0.5	29.9	...	...	...	...
Long-term	109.0	2.4	108.0	...	...	...	...
Non-financial corporations	38.6	0.9	38.2	...	...	...	...
Short-term	0.4	0.0	0.5	...	...	...	...
Long-term	38.1	0.8	37.8	...	...	...	...
General government	305.6	10.8	306.8	...	...	...	...
Short-term	39.3	1.8	39.8	...	...	...	...
Long-term	266.3	9.0	266.9	...	...	...	...
International debt securities	233.3	2.0	235.4	10.7	5.6	236.9	7.1
Banks	11.3	...	11.3	1.0	1.0	12.3	0.0
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	11.3	...	11.3	1.0	1.0	12.3	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	0.0	0.0	0.0	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	11.3	...	11.3	1.0	1.0	12.3	0.0
By interest rate type	...	...	...	...	...	...	...
Fixed	8.3	...	8.3	1.0	1.0	9.3	0.0
Other	3.0	...	3.0	0.0	0.0	3.0	0.0
Other financial corporations	11.7	3.0	14.7	...	-0.7	13.9	0.1
By currency	...	...	...	...	...	...	...
Local currency	1.0	...	1.0	...	...	0.9	0.1
US dollar	9.7	3.0	12.8	...	-0.7	12.1	0.0
Euro	0.9	...	0.9	...	...	0.8	0.0
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	11.7	3.0	14.7	...	-0.7	13.9	0.1
By interest rate type	...	...	...	...	...	...	...
Fixed	11.2	3.0	14.2	...	-0.7	13.4	0.0
Other	0.5	0.0	0.5	...	0.0	0.5	0.1
Non-financial corporations	140.9	1.1	142.1	7.6	4.0	143.7	6.5
By currency	...	...	...	...	...	...	...
Local currency	11.0	...	10.7	...	...	10.1	0.0
US dollar	98.4	0.8	99.2	7.6	4.0	103.2	2.4
Euro	24.8	0.0	24.9	...	...	23.5	3.7
Other foreign currencies	6.8	0.4	7.4	0.0	0.0	6.9	0.4
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	140.9	1.1	142.1	7.6	4.0	143.7	6.5
By interest rate type	...	...	...	...	...	...	...
Fixed	132.2	1.9	134.1	6.6	3.5	135.4	6.5
Other	8.7	-0.8	8.0	1.0	0.5	8.3	0.0

Mexico (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	69.5	-2.2	67.4	2.1	1.4	67.1	0.4
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	49.0	-1.7	47.3	...	...	47.3	0.0
Euro	12.6	...	12.6	2.1	1.4	13.3	0.2
Other foreign currencies	7.9	-0.5	7.4	0.0	0.0	6.6	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	69.5	-2.2	67.4	2.1	1.4	67.1	0.4
By interest rate type							
Fixed	69.5	-2.2	67.4	2.1	1.4	67.1	0.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	234.4	2.1	236.7	11.4	5.6	238.2	8.5
Banks	3.3	0.2	3.4	1.6	0.4	3.8	1.4
By currency							
US dollar	2.9	0.2	3.0	1.6	0.4	3.4	1.2
Euro	0.0	0.0	...	...	...	...	...
Other currencies	0.4	0.0	0.4	0.0	0.0	0.4	0.1
By original maturity							
Short-term	1.0	0.2	1.2	1.1	0.1	1.2	1.2
Long-term	2.3	...	2.3	0.5	0.3	2.6	0.2
By interest rate type							
Fixed	3.1	0.2	3.3	1.6	0.4	3.7	1.2
Other	0.2	0.0	0.2	0.0	0.0	0.1	0.1
Other financial corporations	8.0	1.7	9.7	0.0	-0.2	9.5	0.0
By currency							
US dollar	7.4	1.7	9.1	...	-0.2	8.9	0.0
Euro	0.1	...	0.1	0.0	0.0	0.1	0.0
Other currencies	0.5	0.0	0.5	0.0	0.0	0.5	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.0	1.7	9.7	0.0	-0.2	9.5	0.0
By interest rate type							
Fixed	7.7	1.7	9.4	0.0	-0.2	9.2	0.0
Other	0.3	0.0	0.3	0.0	0.0	0.3	0.0
Non-financial corporations	153.6	2.5	156.2	7.7	4.1	157.8	6.7
By currency							
US dollar	108.8	2.9	111.8	7.6	4.0	115.8	2.6
Euro	28.7	-1.0	27.9	0.1	0.1	26.5	3.7
Other currencies	16.1	0.5	16.5	0.0	0.0	15.6	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	153.6	2.5	156.2	7.7	4.1	157.8	6.7
By interest rate type							
Fixed	144.6	3.2	147.9	6.7	3.1	148.8	6.7
Other	9.0	-0.8	8.3	1.0	1.0	9.0	0.0

Netherlands

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	2,091.1	...	2,131.0	...	...	...	...
Financial corporations	1,621.4	...	1,663.4	...	...	...	...
Non-financial corporations	88.3	...	90.0	...	...	...	...
General government	381.4	...	377.5	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	1,884.4	36.4	1,925.8	88.0	-23.3	1,823.9	249.3
Banks	631.9	-6.5	627.2	25.3	-13.2	588.1	117.8
By currency							
Local currency	338.8	-2.6	338.0	7.3	-6.1	313.3	51.6
US dollar	181.5	-4.0	177.5	12.0	-5.5	172.1	40.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	111.5	0.2	111.7	6.0	-1.7	102.8	25.8
By original maturity							
Short-term	35.0	2.9	37.8	13.2	-4.8	32.2	32.1
Long-term	596.8	-9.4	589.4	12.1	-8.4	555.8	85.7
By interest rate type							
Fixed	476.3	2.0	479.6	23.0	-5.7	454.9	78.5
Other	155.5	-8.5	147.6	2.3	-7.6	133.2	39.3
Other financial corporations	1,075.3	39.1	1,117.3	47.3	-6.0	1,064.8	116.3
By currency							
Local currency	751.5	13.4	769.0	26.6	-1.7	724.6	63.7
US dollar	251.9	28.8	280.6	16.6	-4.5	276.1	40.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	71.9	-3.1	67.7	4.1	0.1	64.2	12.6
By original maturity							
Short-term	33.3	2.4	35.6	15.9	-4.5	30.2	30.2
Long-term	1,042.0	36.7	1,081.6	31.3	-1.5	1,034.7	86.2
By interest rate type							
Fixed	625.9	44.6	671.3	34.7	-3.7	644.0	85.3
Other	449.4	-5.4	446.0	12.5	-2.3	420.8	31.1
Non-financial corporations	164.3	9.4	174.0	14.0	-5.4	162.7	13.9
By currency							
Local currency	95.7	3.1	99.3	12.6	-3.1	90.8	11.1
US dollar	59.1	7.5	66.5	1.5	-1.7	64.8	2.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	9.5	-1.2	8.1	0.0	-0.6	7.1	0.2
By original maturity							
Short-term	8.2	-0.4	7.9	5.2	-1.6	5.8	5.8
Long-term	156.1	9.8	166.1	8.8	-3.8	156.9	8.0
By interest rate type							
Fixed	146.4	9.1	155.7	13.0	-2.0	148.4	13.4
Other	17.9	0.3	18.3	1.0	-3.5	14.2	0.4

Netherlands (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	13.0	-5.7	7.3	1.4	1.4	8.3	1.4
By currency							
Local currency	13.0	-5.7	7.3	...	...	6.9	0.0
US dollar	...	...	...	1.4	1.4	1.4	1.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	1.4	1.4	1.4	1.4
Long-term	13.0	-5.7	7.3	...	...	6.9	0.0
By interest rate type							
Fixed	13.0	-5.7	7.3	1.4	1.4	8.3	1.4
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	1,239.7	-4.9	1,238.0	42.1	-32.1	1,156.9	171.5
Banks	616.5	-2.4	616.0	23.9	-12.0	577.4	98.0
By currency							
US dollar	143.7	-5.7	138.0	11.5	-5.3	132.8	33.1
Euro	384.7	2.0	388.7	6.6	-5.0	362.2	39.2
Other currencies	88.1	1.4	89.3	5.8	-1.7	82.4	25.8
By original maturity							
Short-term	38.4	5.2	43.3	15.3	-5.4	36.9	36.9
Long-term	578.1	-7.5	572.7	8.7	-6.5	540.5	61.2
By interest rate type							
Fixed	385.6	1.1	387.6	21.9	-7.9	365.1	67.2
Other	230.9	-3.5	228.5	2.1	-4.1	212.3	30.8
Other financial corporations	428.3	-5.3	424.2	11.2	-14.3	393.5	55.8
By currency							
US dollar	124.5	3.6	128.1	6.8	-5.5	122.6	27.8
Euro	273.0	-5.5	268.9	3.5	-7.9	246.2	24.4
Other currencies	30.8	-3.3	27.2	0.9	-0.9	24.8	3.6
By original maturity							
Short-term	19.7	0.0	19.6	4.2	-5.9	13.6	13.6
Long-term	408.6	-5.2	404.6	6.9	-8.5	380.0	42.2
By interest rate type							
Fixed	226.1	4.9	231.4	9.4	-3.2	220.7	39.9
Other	202.2	-10.2	192.8	1.8	-11.1	172.8	15.9
Non-financial corporations	181.9	8.4	190.4	5.6	-7.2	177.7	16.3
By currency							
US dollar	83.2	5.2	88.4	...	-2.2	86.2	5.8
Euro	86.3	3.9	90.7	5.1	-4.9	80.9	9.2
Other currencies	12.3	-0.7	11.3	0.5	-0.1	10.6	1.4
By original maturity							
Short-term	2.5	0.1	2.6	2.6	0.6	3.0	3.0
Long-term	179.4	8.3	187.8	3.0	-7.8	174.7	13.3
By interest rate type							
Fixed	167.5	8.1	175.8	5.4	-5.3	165.3	15.1
Other	14.3	0.3	14.7	0.2	-1.9	12.4	1.2

Poland

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	268.0	...	277.3	...	...	...	...
Financial corporations	29.2	...	30.5	...	...	...	...
Non-financial corporations	31.5	...	30.9	...	...	...	...
General government	207.3	...	215.8	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	65.9	-1.3	64.9	3.5	3.1	65.0	4.0
Banks	1.9	-0.3	1.7	1.1	1.1	2.7	0.1
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.1
US dollar	1.0	...	1.0	...	...	1.0	0.0
Euro	0.6	...	0.6	1.1	1.1	1.6	0.0
Other foreign currencies	0.3	-0.3	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.9	-0.3	1.7	1.1	1.1	2.7	0.1
By interest rate type							
Fixed	1.9	-0.3	1.7	1.1	1.1	2.7	0.1
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other financial corporations	2.1	...	2.1	...	...	2.0	0.0
By currency							
Local currency	0.3	...	0.3	...	...	0.3	...
US dollar	...	...	...	...	...	...	...
Euro	1.8	...	1.8	...	...	1.7	0.0
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.1	...	2.1	...	...	2.0	0.0
By interest rate type							
Fixed	1.9	...	1.9	...	...	1.8	0.0
Other	0.2	...	0.2	...	...	0.2	0.0
Non-financial corporations	0.9	0.0	0.9	...	-0.2	0.7	0.0
By currency							
Local currency	0.0	0.0	0.0	...	...	0.0	0.0
US dollar	0.7	...	0.7	...	...	0.7	0.0
Euro	0.2	...	0.2	...	-0.2	...	...
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.9	0.0	0.9	...	-0.2	0.7	0.0
By interest rate type							
Fixed	0.9	0.0	0.9	...	-0.2	0.7	0.0
Other	0.0	0.0	0.0	...	0.0	0.0	0.0

Poland (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	61.0	-1.0	60.2	2.4	2.2	59.6	3.8
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	16.0	-1.5	14.5	...	...	14.5	0.0
Euro	38.4	...	38.6	2.4	2.4	38.9	2.9
Other foreign currencies	6.6	0.5	7.2	0.0	-0.2	6.3	0.9
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	61.0	-1.0	60.2	2.4	2.2	59.6	3.8
By interest rate type							
Fixed	61.0	-1.0	60.2	2.4	2.2	59.6	3.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	71.7	-1.6	70.5	3.5	2.6	69.8	4.5
Banks	2.7	-0.5	2.2	1.1	1.1	3.2	0.0
By currency							
US dollar	1.0	...	1.0	...	...	1.0	0.0
Euro	1.2	...	1.2	1.1	1.1	2.2	0.0
Other currencies	0.5	-0.5	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.7	-0.5	2.2	1.1	1.1	3.2	0.0
By interest rate type							
Fixed	2.7	-0.5	2.2	1.1	1.1	3.2	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other financial corporations	1.3	...	1.3	...	...	1.3	0.0
By currency							
US dollar	...	...	...	...	...	...	...
Euro	1.0	...	1.0	...	...	1.0	0.0
Other currencies	0.3	...	0.3	...	...	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	...	1.3	...	...	1.3	0.0
By interest rate type							
Fixed	1.2	...	1.2	...	...	1.1	0.0
Other	0.1	...	0.1	...	...	0.1	0.0
Non-financial corporations	6.7	...	6.8	...	-0.7	5.8	0.6
By currency							
US dollar	1.2	...	1.2	...	...	1.2	0.0
Euro	5.6	...	5.6	...	-0.7	4.7	0.6
Other currencies	0.0	...	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.7	...	6.8	...	-0.7	5.8	0.6
By interest rate type							
Fixed	6.6	...	6.6	...	-0.7	5.7	0.6
Other	0.1	...	0.1	...	0.0	0.1	0.0

Russia

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	394.6	...	399.4	...	...	...	...
Financial corporations	121.0	...	120.8	...	...	...	...
Non-financial corporations	145.0	...	146.6	...	...	...	...
General government	128.6	...	132.0	...	...	...	...
Domestic debt securities	218.8	2.0	224.7	...	...	...	...
Financial corporations	61.0	-1.0	61.1	...	...	...	...
Short-term	0.0	0.0	0.0	...	...	...	...
Long-term	61.0	-1.0	61.1	...	...	...	...
Non-financial corporations	66.7	1.9	69.7	...	...	...	...
Short-term	...	0.0	0.0	...	...	...	...
Long-term	66.7	1.9	69.7	...	...	...	...
General government	91.1	1.1	93.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	91.1	1.1	93.8	...	...	...	...
International debt securities	103.7	0.1	103.9	2.8	1.3	104.8	15.7
Banks	32.7	0.0	32.6	1.1	0.1	32.5	6.6
By currency							
Local currency	0.5	0.0	0.4	...	...	0.4	0.3
US dollar	27.8	...	27.8	1.1	0.7	28.5	6.0
Euro	2.8	...	2.8	...	...	2.6	0.0
Other foreign currencies	1.6	0.0	1.6	0.0	-0.6	0.9	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	32.7	0.0	32.6	1.1	0.1	32.5	6.6
By interest rate type							
Fixed	31.4	0.0	31.4	1.1	0.1	31.3	6.6
Other	1.2	0.0	1.2	0.0	0.0	1.2	0.0
Other financial corporations	5.7	-0.1	5.6	...	...	5.6	0.2
By currency							
Local currency	0.4	0.0	0.4	...	...	0.4	0.0
US dollar	5.0	-0.1	4.9	...	...	4.9	0.0
Euro	0.2	...	0.2	...	...	0.2	0.2
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.7	-0.1	5.6	...	...	5.6	0.2
By interest rate type							
Fixed	5.2	-0.1	5.2	...	...	5.2	0.0
Other	0.5	0.0	0.5	...	...	0.4	0.2
Non-financial corporations	33.5	-0.4	33.1	1.7	1.7	34.6	5.7
By currency							
Local currency	0.9	...	0.9	0.2	0.2	1.2	0.3
US dollar	26.8	-0.4	26.5	1.0	1.0	27.5	3.9
Euro	3.2	...	3.2	...	...	3.1	1.5
Other foreign currencies	2.6	0.0	2.6	0.5	0.5	2.9	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	33.5	-0.4	33.1	1.7	1.7	34.6	5.7
By interest rate type							
Fixed	33.1	-0.4	32.7	1.7	1.7	34.1	5.2
Other	0.5	0.0	0.5	0.0	0.0	0.5	0.5

Russia (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	31.9	0.6	32.5	...	-0.4	32.1	3.2
By currency							
Local currency	1.4	...	1.4	...	...	1.5	...
US dollar	29.2	0.6	29.9	...	...	29.9	3.2
Euro	1.3	...	1.3	...	-0.4	0.8	0.0
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	31.9	0.6	32.5	...	-0.4	32.1	3.2
By interest rate type							
Fixed	31.9	0.6	32.5	...	-0.4	32.1	3.2
Other	0.0	0.0	0.0	...	0.0	0.0	0.0
National issuers							
International debt securities	220.2	-2.6	217.8	9.2	5.7	222.0	39.1
Banks	88.4	-0.9	87.5	2.1	0.6	87.8	20.3
By currency							
US dollar	77.8	-0.9	76.8	2.1	1.6	78.4	18.5
Euro	5.4	0.0	5.4	0.0	0.0	5.1	0.4
Other currencies	5.2	0.0	5.3	0.0	-1.0	4.2	1.4
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	0.0
Long-term	88.3	-0.9	87.4	2.1	0.6	87.7	20.3
By interest rate type							
Fixed	86.1	-0.9	85.2	2.1	1.0	85.8	20.3
Other	2.3	0.0	2.3	0.0	-0.4	2.0	0.0
Other financial corporations	4.7	0.8	5.5	...	...	5.5	0.3
By currency							
US dollar	3.7	0.9	4.6	...	...	4.6	0.0
Euro	0.3	...	0.3	...	...	0.2	0.2
Other currencies	0.7	0.0	0.7	...	...	0.7	0.0
By original maturity							
Short-term	0.0	...	0.0	...	...	0.0	0.0
Long-term	4.7	0.8	5.5	...	...	5.5	0.3
By interest rate type							
Fixed	3.4	0.8	4.3	...	...	4.3	0.0
Other	1.3	0.0	1.3	...	...	1.2	0.3
Non-financial corporations	95.3	-3.1	92.2	7.1	5.5	96.6	15.3
By currency							
US dollar	74.7	-3.1	71.6	4.2	2.6	74.1	9.8
Euro	15.4	...	15.5	2.2	2.2	16.7	5.2
Other currencies	5.2	0.0	5.1	0.7	0.7	5.8	0.3
By original maturity							
Short-term	0.2	0.0	0.2	...	0.0	0.2	0.2
Long-term	95.1	-3.2	92.0	7.1	5.5	96.4	15.1
By interest rate type							
Fixed	92.3	-3.1	89.2	7.1	5.5	93.6	14.9
Other	2.9	0.0	3.0	0.0	0.0	3.0	0.5

Saudi Arabia

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	59.0	...	62.8	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	59.0	...	62.8	...	...	...	...
Domestic debt securities	59.0	3.8	62.8	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	59.0	3.8	62.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	59.0	3.8	62.8	...	...	...	...
International debt securities	8.6	0.5	9.1	30.6	30.6	39.7	0.5
Banks	0.9	0.5	1.4	...	...	1.4	0.0
By currency							
Local currency	0.7	0.5	1.3	...	...	1.3	0.0
US dollar	0.1	...	0.1	...	...	0.1	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.0	0.1	...	...	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.9	0.5	1.4	...	...	1.4	0.0
By interest rate type							
Fixed	...	0.5	0.5	...	...	0.5	0.0
Other	0.9	0.0	0.9	...	...	0.9	0.0
Other financial corporations	1.0	...	1.0	...	...	1.0	0.0
By currency							
Local currency	1.0	...	1.0	...	...	1.0	0.0
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	...	1.0	...	...	1.0	0.0
By interest rate type							
Fixed	...	...	...	...	...	...	...
Other	1.0	...	1.0	...	...	1.0	0.0
Non-financial corporations	6.7	...	6.7	...	...	6.7	0.5
By currency							
Local currency	0.3	...	0.3	...	...	0.3	0.0
US dollar	6.3	...	6.3	...	...	6.3	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	...	0.2	...	...	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.7	...	6.7	...	...	6.7	0.5
By interest rate type							
Fixed	6.5	...	6.5	...	...	6.5	0.5
Other	0.2	...	0.2	...	...	0.2	0.0

Saudi Arabia (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	...	...	...	30.6	30.6	30.6	...
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	...	...	...	30.6	30.6	30.6	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	...	...	...	0.0	0.0	0.0	...
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	30.6	30.6	30.6	...
By interest rate type							
Fixed	...	...	...	30.6	30.6	30.6	...
Other	...	...	...	0.0	0.0	0.0	...
National issuers							
International debt securities	14.9	0.5	15.4	30.6	30.2	45.6	1.3
Banks	2.4	0.5	2.9	0.0	0.0	2.9	0.8
By currency							
US dollar	1.6	...	1.6	0.0	0.0	1.6	0.8
Euro	...	...	...	...	...	...	...
Other currencies	0.8	0.5	1.3	0.0	0.0	1.3	0.0
By original maturity							
Short-term	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	2.3	0.5	2.9	...	...	2.9	0.8
By interest rate type							
Fixed	1.6	0.5	2.1	0.0	0.0	2.1	0.8
Other	0.8	0.0	0.8	0.0	0.0	0.8	0.0
Other financial corporations	1.5	...	1.5	...	...	1.5	0.0
By currency							
US dollar	0.5	...	0.5	...	...	0.5	0.0
Euro	...	...	...	...	...	...	...
Other currencies	1.0	...	1.0	...	...	1.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.5	...	1.5	...	...	1.5	0.0
By interest rate type							
Fixed	0.5	...	0.5	...	...	0.5	0.0
Other	1.0	...	1.0	...	...	1.0	0.0
Non-financial corporations	11.0	0.0	11.0	...	-0.3	10.7	0.5
By currency							
US dollar	9.7	0.0	9.7	...	-0.3	9.4	0.5
Euro	0.8	...	0.8	...	...	0.8	0.0
Other currencies	0.5	0.0	0.5	...	0.0	0.5	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.0	0.0	11.0	...	-0.3	10.7	0.5
By interest rate type							
Fixed	10.5	0.0	10.5	...	-0.3	10.2	0.5
Other	0.5	0.0	0.5	...	0.0	0.5	0.0

Singapore

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	342.0	...	338.6	...	...	...	...
Financial corporations	152.2	...	148.4	...	...	...	...
Non-financial corporations	108.8	...	111.8	...	...	...	...
General government	80.9	...	78.4	...	...	...	...
Domestic debt securities	80.9	-1.6	78.4	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	80.9	-1.6	78.4	...	...	...	...
Short-term	6.5	0.0	6.4	...	...	...	...
Long-term	74.4	-1.6	71.9	...	...	...	...
International debt securities	117.7	4.7	122.1	10.9	-1.8	118.6	30.5
Banks	64.3	2.5	66.8	7.2	-3.5	62.6	24.8
By currency							
Local currency	2.9	0.0	2.9	0.2	-0.1	2.6	0.4
US dollar	47.4	3.4	50.8	5.8	-1.1	49.7	21.2
Euro	1.1	0.1	1.2	0.2	0.2	1.3	0.2
Other foreign currencies	12.9	-1.0	11.9	1.0	-2.6	8.9	3.0
By original maturity							
Short-term	16.6	-0.2	16.3	5.4	-3.5	12.6	12.6
Long-term	47.7	2.8	50.5	1.8	0.0	50.0	12.2
By interest rate type							
Fixed	55.7	3.3	58.9	6.8	-3.1	55.3	22.4
Other	8.6	-0.8	7.8	0.3	-0.4	7.3	2.4
Other financial corporations	27.3	2.3	29.6	3.4	2.0	31.1	4.2
By currency							
Local currency	2.0	0.3	2.3	0.0	-0.1	2.1	0.8
US dollar	19.6	1.9	21.6	3.0	1.8	23.4	2.9
Euro	1.9	...	1.9	0.2	0.2	1.9	0.0
Other foreign currencies	3.8	0.0	3.9	0.2	0.1	3.7	0.5
By original maturity							
Short-term	1.2	0.0	1.1	0.9	-0.1	1.1	1.1
Long-term	26.1	2.3	28.5	2.5	2.0	30.0	3.1
By interest rate type							
Fixed	26.4	2.1	28.4	3.1	1.6	29.6	3.9
Other	1.0	0.2	1.2	0.4	0.4	1.5	0.3
Non-financial corporations	26.0	-0.2	25.7	0.4	-0.2	24.9	1.5
By currency							
Local currency	9.6	-0.9	8.5	...	-0.6	7.5	0.6
US dollar	13.7	0.7	14.4	0.4	0.4	14.7	0.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.7	0.1	2.8	0.0	0.0	2.6	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.0	-0.2	25.7	0.4	-0.2	24.9	1.5
By interest rate type							
Fixed	19.0	0.8	19.8	0.4	0.2	19.7	1.4
Other	7.0	-1.0	5.9	0.0	-0.4	5.2	0.1

Singapore (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	...	...	...	...	...	...	...
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	...	...	...	...	...	...	...
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
By interest rate type	...	...	...	...	...	...	...
Fixed	...	...	...	...	...	...	...
Other	...	...	...	...	...	...	...
National issuers							
International debt securities	85.7	2.4	87.8	4.7	-2.9	83.1	12.7
Banks	34.0	2.0	35.8	2.4	-3.7	31.5	8.1
By currency							
US dollar	20.8	2.6	23.4	1.3	-1.1	22.3	5.1
Euro	0.6	0.0	0.6	0.0	0.0	0.5	0.0
Other currencies	12.6	-0.5	11.8	1.1	-2.7	8.6	2.9
By original maturity							
Short-term	7.5	-0.2	7.1	2.0	-3.6	3.3	3.3
Long-term	26.5	2.2	28.7	0.4	-0.1	28.2	4.8
By interest rate type							
Fixed	28.2	2.8	30.8	2.2	-3.5	26.8	6.8
Other	5.8	-0.8	5.0	0.2	-0.2	4.7	1.3
Other financial corporations	17.6	0.2	17.8	1.1	0.0	17.4	1.6
By currency							
US dollar	10.8	0.2	11.0	0.8	0.0	11.0	1.0
Euro	2.6	...	2.7	...	...	2.5	0.0
Other currencies	4.2	-0.1	4.1	0.2	0.0	3.9	0.6
By original maturity							
Short-term	1.2	0.0	1.1	0.9	-0.1	1.1	1.1
Long-term	16.5	0.2	16.6	0.2	0.1	16.4	0.6
By interest rate type							
Fixed	16.0	0.2	16.2	1.1	0.0	15.9	1.6
Other	1.7	-0.1	1.6	0.0	0.0	1.6	0.1
Non-financial corporations	34.0	0.2	34.2	1.2	0.8	34.2	3.0
By currency							
US dollar	18.5	0.4	18.8	1.1	1.1	19.9	2.4
Euro	1.7	...	1.7	...	...	1.6	0.0
Other currencies	13.9	-0.2	13.7	0.2	-0.3	12.7	0.7
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	34.0	0.2	34.2	1.2	0.8	34.2	3.0
By interest rate type							
Fixed	26.0	0.9	26.9	1.2	1.2	27.6	2.8
Other	8.0	-0.7	7.3	0.0	-0.4	6.5	0.2

South Africa

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	180.5	3.8	195.9	...	...	...	...
Financial corporations	34.5	0.1	36.8	...	...	...	...
Short-term	4.1	-0.3	4.1	...	...	...	...
Long-term	30.4	0.4	32.8	...	...	...	...
Non-financial corporations	20.6	0.7	22.7	...	...	...	...
Short-term	0.4	0.1	0.5	...	...	...	...
Long-term	20.3	0.6	22.2	...	...	...	...
General government	125.3	3.0	136.4	...	...	...	...
Short-term	14.7	0.7	16.4	...	...	...	...
Long-term	110.6	2.3	120.0	...	...	...	...
International debt securities	28.9	0.1	29.2	3.2	3.0	32.0	1.4
Banks	2.8	-0.1	2.7	0.0	-0.1	2.6	0.8
By currency							
Local currency	0.3	0.0	0.3	0.0	0.0	0.3	0.0
US dollar	1.9	-0.1	1.8	0.0	-0.1	1.7	0.7
Euro	0.1	...	0.1	...	...	0.1	0.0
Other foreign currencies	0.5	0.0	0.5	0.0	0.0	0.5	0.1
By original maturity							
Short-term	0.1	0.0	0.0	...	0.0	...	...
Long-term	2.8	-0.1	2.7	0.0	0.0	2.6	0.8
By interest rate type							
Fixed	2.7	-0.1	2.6	0.0	0.0	2.6	0.8
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Other financial corporations	4.0	0.1	4.1	...	-0.1	4.1	0.1
By currency							
Local currency	0.8	...	0.9	...	...	0.9	0.1
US dollar	2.7	-0.1	2.6	...	...	2.6	0.0
Euro	0.1	0.2	0.2	...	-0.1	0.2	0.0
Other foreign currencies	0.5	0.0	0.5	...	0.0	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.0	0.1	4.1	...	-0.1	4.1	0.1
By interest rate type							
Fixed	2.7	...	2.7	...	...	2.7	0.1
Other	1.3	0.1	1.5	...	-0.1	1.4	0.0
Non-financial corporations	9.6	0.1	9.8	0.1	0.1	9.9	0.3
By currency							
Local currency	1.8	0.0	1.9	0.0	0.0	1.9	0.3
US dollar	5.9	0.1	6.1	0.1	0.1	6.2	0.0
Euro	1.9	...	1.9	...	...	1.8	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.6	0.1	9.8	0.1	0.1	9.9	0.3
By interest rate type							
Fixed	8.4	0.1	8.7	0.1	0.1	8.7	0.0
Other	1.1	0.0	1.2	0.0	0.0	1.2	0.3

South Africa (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	12.5	...	12.5	3.0	3.0	15.4	0.1
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	11.6	...	11.6	3.0	3.0	14.6	0.1
Euro	0.6	...	0.6	...	...	0.5	0.0
Other foreign currencies	0.3	...	0.3	0.0	0.0	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	12.5	...	12.5	3.0	3.0	15.4	0.1
By interest rate type							
Fixed	12.5	...	12.5	3.0	3.0	15.4	0.1
Other	0.0	...	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	59.9	-1.3	58.3	5.5	5.3	62.4	3.4
Banks	12.8	-0.3	12.3	0.7	0.5	12.4	1.2
By currency							
US dollar	3.9	0.0	3.9	0.1	0.0	3.9	1.0
Euro	2.0	-0.4	1.7	0.0	0.0	1.6	0.0
Other currencies	6.9	0.1	6.8	0.5	0.5	7.0	0.2
By original maturity							
Short-term	0.3	0.0	0.3	0.1	-0.1	0.2	0.1
Long-term	12.5	-0.2	12.0	0.6	0.5	12.1	1.1
By interest rate type							
Fixed	6.2	0.0	6.1	0.4	0.3	6.3	1.1
Other	6.6	-0.3	6.2	0.2	0.2	6.1	0.1
Other financial corporations	8.6	0.2	8.6	0.7	0.7	8.9	0.1
By currency							
US dollar	0.5	...	0.5	...	...	0.5	...
Euro	2.1	0.2	2.3	0.1	0.1	2.3	0.0
Other currencies	6.0	0.0	5.8	0.6	0.6	6.1	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.6	0.2	8.6	0.7	0.7	8.9	0.1
By interest rate type							
Fixed	1.2	...	1.2	...	...	1.2	0.1
Other	7.4	0.2	7.4	0.7	0.7	7.7	0.0
Non-financial corporations	26.0	-1.2	24.9	1.1	1.1	25.7	2.0
By currency							
US dollar	16.2	-1.2	15.0	1.1	1.1	16.1	1.1
Euro	7.0	...	7.0	...	...	6.6	0.5
Other currencies	2.9	0.0	3.0	0.0	0.0	2.9	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.0	-1.2	24.9	1.1	1.1	25.7	2.0
By interest rate type							
Fixed	21.3	-1.2	20.2	1.1	1.1	21.2	1.6
Other	4.7	0.0	4.7	0.0	0.0	4.5	0.3

Spain

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	1,834.2	...	1,837.0	...	...	...	...
Financial corporations	763.3	...	752.6	...	...	...	...
Non-financial corporations	30.2	...	31.5	...	...	...	...
General government	1,040.8	...	1,052.8	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	544.1	-4.8	541.6	18.4	-14.5	499.3	93.0
Banks	132.0	-1.8	130.8	8.3	-4.4	119.6	35.0
By currency							
Local currency	121.9	-1.9	120.7	6.8	-4.9	109.1	32.2
US dollar	7.6	0.0	7.6	1.3	1.1	8.7	2.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.6	0.0	2.5	0.2	-0.6	1.8	0.8
By original maturity							
Short-term	16.4	-1.8	14.7	5.5	-0.1	13.8	13.8
Long-term	115.6	-0.1	116.1	2.8	-4.3	105.8	21.2
By interest rate type							
Fixed	102.2	-1.4	101.3	7.8	-1.4	94.6	28.2
Other	29.8	-0.4	29.5	0.5	-3.0	25.0	6.8
Other financial corporations	348.1	-4.8	344.7	7.8	-10.4	316.6	42.7
By currency							
Local currency	316.4	-5.5	312.6	7.1	-6.9	288.4	36.5
US dollar	22.2	0.8	22.9	0.4	-2.9	20.0	5.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	9.5	-0.1	9.2	0.3	-0.5	8.1	1.1
By original maturity							
Short-term	1.9	0.8	2.7	0.8	-0.8	1.8	1.8
Long-term	346.2	-5.6	342.1	7.0	-9.6	314.8	40.9
By interest rate type							
Fixed	173.6	-2.4	171.7	6.0	-8.8	154.6	37.4
Other	174.5	-2.4	173.0	1.7	-1.6	161.9	5.3
Non-financial corporations	26.2	1.9	28.2	2.4	2.0	28.7	3.6
By currency							
Local currency	24.9	1.9	26.9	2.2	1.8	27.1	3.3
US dollar	1.1	0.0	1.1	0.2	0.2	1.4	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	0.8	0.0	0.8	0.2	-0.2	0.5	0.5
Long-term	25.4	1.9	27.4	2.2	2.2	28.1	3.1
By interest rate type							
Fixed	18.1	1.3	19.6	2.2	1.8	20.3	0.6
Other	8.1	0.5	8.6	0.2	0.2	8.4	3.0

Spain (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	37.8	0.0	37.9	0.0	-1.7	34.5	11.7
By currency							
Local currency	30.5	-0.2	30.4	...	-1.5	27.3	11.3
US dollar	6.2	0.2	6.4	0.0	0.0	6.4	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.1	0.0	1.1	0.0	-0.2	0.7	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	37.8	0.0	37.9	0.0	-1.7	34.5	11.7
By interest rate type							
Fixed	37.0	0.0	37.1	0.0	-1.6	33.8	11.3
Other	0.8	0.0	0.8	0.0	-0.1	0.7	0.4
National issuers							
International debt securities	901.6	1.7	904.1	27.0	-21.7	840.7	127.7
Banks	451.6	0.0	451.1	11.7	-8.7	423.6	62.0
By currency							
US dollar	104.7	1.0	105.7	2.7	1.4	107.1	14.2
Euro	280.7	-0.3	282.0	7.5	-10.4	256.1	41.1
Other currencies	66.1	-0.6	63.5	1.5	0.2	60.3	6.6
By original maturity							
Short-term	18.8	-1.4	17.4	6.8	0.4	17.0	16.9
Long-term	432.9	1.5	433.7	4.9	-9.2	406.6	45.1
By interest rate type							
Fixed	224.1	5.3	229.6	10.5	-4.2	216.2	42.8
Other	227.6	-5.2	221.6	1.3	-4.5	207.4	19.2
Other financial corporations	230.6	-4.1	227.7	2.0	-12.5	203.2	30.5
By currency							
US dollar	7.7	0.7	8.4	0.9	-2.3	6.2	3.4
Euro	219.7	-4.8	216.1	0.8	-9.6	194.6	25.7
Other currencies	3.3	-0.1	3.2	0.3	-0.6	2.4	1.4
By original maturity							
Short-term	1.6	0.8	2.4	0.5	-1.0	1.3	1.3
Long-term	229.0	-4.9	225.3	1.5	-11.5	201.9	29.2
By interest rate type							
Fixed	99.2	-2.4	97.3	1.4	-10.7	81.7	27.7
Other	131.4	-1.7	130.4	0.6	-1.8	121.5	2.8
Non-financial corporations	181.6	5.8	187.4	13.3	1.2	179.5	23.5
By currency							
US dollar	21.3	0.2	21.5	1.1	0.7	22.2	3.0
Euro	136.6	5.2	142.5	12.1	0.4	135.0	19.4
Other currencies	23.7	0.4	23.4	0.1	0.1	22.3	1.1
By original maturity							
Short-term	10.4	-0.6	9.9	5.8	-2.2	7.2	7.2
Long-term	171.2	6.4	177.5	7.5	3.4	172.3	16.3
By interest rate type							
Fixed	161.0	4.1	165.0	12.9	2.1	159.1	18.7
Other	20.6	1.8	22.4	0.4	-0.9	20.4	4.8

Sweden

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	746.5	...	727.9	...	...	...	...
Financial corporations	576.8	...	568.4	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	169.7	...	159.5	...	...	...	...
Domestic debt securities	373.7	-10.8	357.3	...	...	...	...
Financial corporations	249.6	-2.5	243.3	...	...	...	...
Short-term	25.0	-3.6	21.1	...	...	...	...
Long-term	224.6	1.0	222.2	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	124.1	-8.3	114.0	...	...	...	...
Short-term	18.8	-4.2	14.4	...	...	...	...
Long-term	105.2	-4.0	99.7	...	...	...	...
International debt securities	465.2	3.5	468.8	36.5	8.4	459.4	116.4
Banks	205.5	4.0	209.5	10.9	-1.6	200.0	54.0
By currency							
Local currency	10.0	-0.8	9.1	0.1	-0.5	8.2	2.5
US dollar	68.2	4.3	72.5	2.3	1.0	73.4	15.9
Euro	95.5	2.3	98.3	4.1	-3.9	89.0	25.7
Other foreign currencies	31.8	-1.7	29.7	4.4	1.8	29.4	10.0
By original maturity							
Short-term	17.1	1.6	18.5	7.2	-1.4	16.3	16.3
Long-term	188.4	2.4	191.0	3.6	-0.2	183.7	37.7
By interest rate type							
Fixed	169.1	4.6	173.9	9.8	-0.9	166.6	43.6
Other	36.3	-0.6	35.6	1.1	-0.7	33.4	10.4
Other financial corporations	140.2	-3.1	137.3	11.1	1.9	133.6	33.1
By currency							
Local currency	20.7	-0.6	19.8	2.4	0.5	19.3	3.8
US dollar	50.7	-1.0	49.8	4.4	2.3	52.1	19.1
Euro	40.2	-0.8	39.6	1.9	0.1	37.5	4.3
Other foreign currencies	28.6	-0.7	28.2	2.4	-1.0	24.8	5.9
By original maturity							
Short-term	5.3	-1.7	3.5	2.8	0.9	4.3	4.3
Long-term	135.0	-1.3	133.8	8.3	1.0	129.3	28.8
By interest rate type							
Fixed	104.9	-3.1	102.2	9.1	2.3	100.5	23.8
Other	35.3	0.0	35.2	2.0	-0.4	33.2	9.4
Non-financial corporations	64.8	0.9	65.7	7.1	5.3	67.8	10.2
By currency							
Local currency	10.8	0.1	10.8	1.3	0.7	10.9	1.5
US dollar	8.1	0.0	8.1	2.4	2.0	10.1	2.5
Euro	41.2	1.1	42.5	3.0	2.4	42.5	5.6
Other foreign currencies	4.7	-0.4	4.3	0.5	0.2	4.3	0.6
By original maturity							
Short-term	1.7	-0.1	1.6	1.3	0.4	2.0	2.0
Long-term	63.1	1.0	64.1	5.8	4.8	65.8	8.2
By interest rate type							
Fixed	54.6	0.9	55.5	5.7	4.3	57.1	7.5
Other	10.2	0.0	10.2	1.4	0.9	10.7	2.7

Sweden (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	54.7	1.7	56.3	7.4	2.9	57.9	19.0
By currency							
Local currency	11.4	0.2	11.5	...	-0.3	10.6	0.6
US dollar	30.1	1.5	31.7	7.3	4.2	35.9	17.8
Euro	11.7	0.0	11.8	0.0	-1.1	10.1	0.5
Other foreign currencies	1.4	0.0	1.4	0.2	0.1	1.4	0.1
By original maturity							
Short-term	0.5	-0.1	0.4	1.6	1.2	1.6	1.6
Long-term	54.2	1.8	55.9	5.9	1.6	56.3	17.4
By interest rate type							
Fixed	49.1	1.7	50.7	7.3	3.1	52.8	18.7
Other	5.6	0.0	5.6	0.2	-0.2	5.1	0.3
National issuers							
International debt securities	476.3	-0.1	476.1	36.1	5.0	463.0	116.9
Banks	232.0	0.4	232.4	13.8	-1.0	222.5	56.6
By currency							
US dollar	73.6	3.7	77.3	2.8	0.3	77.6	16.1
Euro	114.8	-0.1	115.3	6.1	-2.3	106.6	28.3
Other currencies	43.5	-3.2	39.7	4.9	1.0	38.3	12.2
By original maturity							
Short-term	20.1	0.2	20.2	8.0	-2.0	17.3	17.3
Long-term	211.9	0.1	212.2	5.8	1.0	205.2	39.3
By interest rate type							
Fixed	192.0	1.5	193.7	12.4	-0.7	185.7	46.6
Other	40.0	-1.1	38.7	1.5	-0.4	36.8	10.0
Other financial corporations	126.5	-3.9	122.7	9.0	0.6	118.5	29.9
By currency							
US dollar	49.5	-1.0	48.5	4.4	1.5	50.0	19.1
Euro	29.9	-1.6	28.5	0.1	-0.3	26.7	2.1
Other currencies	47.1	-1.3	45.7	4.5	-0.6	41.9	8.8
By original maturity							
Short-term	4.1	-1.0	3.1	2.4	0.8	3.8	3.8
Long-term	122.4	-2.9	119.6	6.6	-0.3	114.7	26.1
By interest rate type							
Fixed	94.4	-2.5	92.1	7.9	1.3	90.0	21.4
Other	32.1	-1.4	30.6	1.1	-0.7	28.5	8.6
Non-financial corporations	63.1	1.7	64.8	5.8	2.5	64.1	11.3
By currency							
US dollar	6.0	0.0	6.0	1.7	1.2	7.2	1.9
Euro	39.3	1.8	41.3	2.7	1.0	40.0	6.4
Other currencies	17.8	-0.1	17.4	1.4	0.3	16.8	3.0
By original maturity							
Short-term	2.9	-0.8	2.1	1.8	0.5	2.5	2.4
Long-term	60.2	2.5	62.7	4.0	2.1	61.6	8.9
By interest rate type							
Fixed	50.7	0.2	50.9	4.2	2.2	50.6	8.2
Other	12.4	1.5	13.9	1.6	0.4	13.5	3.2

Switzerland

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	205.0	4.5	209.9	...	...	...	...
Financial corporations	93.3	4.5	98.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	93.3	4.5	98.0	...	...	...	...
Non-financial corporations	17.1	-0.7	16.5	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	17.1	-0.7	16.5	...	...	...	...
General government	94.6	0.6	95.4	...	...	...	...
Short-term	6.9	0.1	7.0	...	...	...	...
Long-term	87.7	0.5	88.4	...	...	...	...
International debt securities	56.8	0.5	57.6	1.0	0.5	55.8	5.7
Banks	27.9	-0.1	28.0	0.4	0.3	27.2	3.8
By currency							
Local currency	0.9	...	0.9	...	...	0.9	0.4
US dollar	17.2	0.0	17.2	0.0	0.0	17.2	0.1
Euro	2.7	...	2.7	0.0	0.0	2.5	0.0
Other foreign currencies	7.2	-0.1	7.2	0.4	0.3	6.5	3.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	27.9	-0.1	28.0	0.4	0.3	27.2	3.8
By interest rate type							
Fixed	27.1	0.0	27.2	0.4	0.3	26.4	3.8
Other	0.8	0.0	0.8	0.0	0.0	0.8	0.1
Other financial corporations	18.3	0.7	19.0	0.6	0.2	18.5	1.4
By currency							
Local currency	5.1	...	5.1	...	-0.2	4.7	1.1
US dollar	5.0	...	5.0	0.6	0.5	5.4	0.0
Euro	8.0	0.7	8.8	...	...	8.3	0.4
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	18.3	0.7	19.0	0.6	0.2	18.5	1.4
By interest rate type							
Fixed	14.8	0.7	15.5	0.6	0.6	15.6	1.1
Other	3.5	0.0	3.5	0.0	-0.4	3.0	0.4
Non-financial corporations	10.6	-0.1	10.5	0.0	0.0	10.1	0.4
By currency							
Local currency	2.2	...	2.2	...	0.0	2.1	0.3
US dollar	2.7	0.0	2.6	...	...	2.6	0.0
Euro	5.7	0.0	5.7	0.0	0.0	5.4	0.1
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	0.1	-0.1	0.1	0.0	0.0	0.0	0.0
Long-term	10.4	...	10.5	...	0.0	10.0	0.4
By interest rate type							
Fixed	9.4	-0.1	9.4	0.0	0.0	9.0	0.4
Other	1.2	0.0	1.2	0.0	0.0	1.1	0.0

Switzerland (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	...	...	...	...	...	...	...
By currency	...	...	...	...	...	...	...
Local currency	...	...	...	...	...	...	...
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	...	...	...	...	...	...	...
By original maturity	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
By interest rate type	...	...	...	...	...	...	...
Fixed	...	...	...	...	...	...	...
Other	...	...	...	...	...	...	...
National issuers							
International debt securities	426.8	1.4	428.8	17.6	-0.4	414.2	89.6
Banks	311.9	-2.4	310.0	15.7	1.9	301.9	75.8
By currency							
US dollar	144.3	0.0	144.3	6.0	-0.2	144.1	20.1
Euro	121.3	-2.9	119.0	7.2	3.1	115.5	44.7
Other currencies	46.3	0.5	46.7	2.5	-1.1	42.3	10.9
By original maturity							
Short-term	29.7	1.3	31.0	9.3	2.0	31.8	28.6
Long-term	282.3	-3.7	279.0	6.4	-0.2	270.1	47.2
By interest rate type							
Fixed	241.4	5.3	247.2	12.4	2.5	242.1	53.1
Other	70.5	-7.7	62.8	3.4	-0.7	59.8	22.7
Other financial corporations	28.8	0.3	29.1	0.6	-0.1	28.0	2.5
By currency							
US dollar	8.9	0.0	8.9	0.4	0.0	8.9	0.4
Euro	14.0	0.3	14.4	0.2	0.2	13.7	0.5
Other currencies	5.9	0.0	5.9	0.0	-0.2	5.3	1.6
By original maturity							
Short-term	0.4	0.0	0.4	0.4	0.0	0.4	0.4
Long-term	28.4	0.3	28.7	0.2	-0.1	27.5	2.1
By interest rate type							
Fixed	17.8	0.7	18.5	0.6	0.2	18.1	1.7
Other	11.0	-0.4	10.6	0.0	-0.2	9.9	0.8
Non-financial corporations	86.1	3.5	89.6	1.3	-2.2	84.3	11.3
By currency							
US dollar	30.2	1.4	31.6	0.2	-1.4	30.2	5.3
Euro	43.6	2.1	45.8	1.1	-0.7	42.6	3.4
Other currencies	12.3	0.0	12.1	0.0	0.0	11.5	2.5
By original maturity							
Short-term	0.8	0.2	1.0	0.2	-0.6	0.3	0.3
Long-term	85.3	3.3	88.7	1.1	-1.5	84.0	11.0
By interest rate type							
Fixed	81.2	3.5	84.7	0.7	-2.4	79.3	10.3
Other	4.9	0.0	4.9	0.6	0.3	5.0	1.0

Thailand

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	309.5	...	321.7	...	...	...	...
Financial corporations	125.7	...	128.2	...	...	...	...
Non-financial corporations	72.0	...	75.8	...	...	...	...
General government	111.8	...	117.7	...	...	...	...
Domestic debt securities	297.7	7.8	309.7	...	...	...	...
Financial corporations	120.5	0.7	122.9	...	...	...	...
Short-term	55.8	1.5	58.2	...	...	...	...
Long-term	64.7	-0.8	64.7	...	...	...	...
Non-financial corporations	65.6	2.8	69.3	...	...	...	...
Short-term	5.1	0.2	5.4	...	...	...	...
Long-term	60.4	2.6	63.9	...	...	...	...
General government	111.6	4.3	117.5	...	...	...	...
Short-term	1.8	1.7	3.6	...	...	...	...
Long-term	109.8	2.6	114.0	...	...	...	...
International debt securities	9.7	1.0	10.8	0.2	0.1	10.7	2.5
Banks	1.3	-0.1	1.3	0.2	0.1	1.3	0.1
By currency							
Local currency	0.1	...	0.1	...	...	0.1	...
US dollar	1.2	-0.2	1.0	0.2	0.1	1.1	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.1	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	-0.1	1.3	0.2	0.1	1.3	0.1
By interest rate type							
Fixed	1.0	-0.1	0.9	...	...	0.9	0.0
Other	0.4	0.0	0.4	0.2	0.1	0.5	0.1
Other financial corporations	1.8	...	1.8	...	...	1.7	1.7
By currency							
Local currency	1.7	...	1.8	...	...	1.7	1.7
US dollar	0.0	...	0.0	...	...	0.0	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.8	...	1.8	...	...	1.7	1.7
By interest rate type							
Fixed	1.7	...	1.7	...	...	1.7	1.7
Other	0.1	...	0.1	...	...	0.1	0.0
Non-financial corporations	6.5	1.0	7.4	...	...	7.4	0.6
By currency							
Local currency	0.3	...	0.3	...	...	0.3	0.0
US dollar	5.8	0.6	6.4	...	...	6.4	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.4	0.4	0.7	...	...	0.7	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.5	1.0	7.4	...	...	7.4	0.6
By interest rate type							
Fixed	5.9	0.4	6.3	...	...	6.2	0.6
Other	0.6	0.6	1.2	...	...	1.2	0.0

Thailand (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	0.2	0.1	0.3	...	...	0.3	0.3
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	0.2	0.0	0.2	...	...	0.2	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.1	0.1	...	...	0.1	0.1
By original maturity							
Short-term	0.2	0.1	0.3	...	...	0.3	0.3
Long-term	...	...	...	...	...	...	...
By interest rate type							
Fixed	0.2	0.1	0.3	...	...	0.3	0.3
Other	0.0	0.0	0.0	...	...	0.0	0.0
National issuers							
International debt securities	20.0	0.8	20.8	0.2	-0.5	20.2	4.5
Banks	9.1	-0.2	8.9	0.2	-0.5	8.4	1.8
By currency							
US dollar	8.7	-0.2	8.5	0.2	-0.5	8.0	1.8
Euro	...	...	...	...	...	...	...
Other currencies	0.4	0.0	0.4	0.0	0.0	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.1	-0.2	8.9	0.2	-0.5	8.4	1.8
By interest rate type							
Fixed	8.8	-0.2	8.5	...	-0.6	7.9	1.7
Other	0.4	0.0	0.4	0.2	0.1	0.5	0.1
Other financial corporations	2.3	0.4	2.7	...	...	2.7	2.0
By currency							
US dollar	0.6	0.4	1.0	...	...	1.0	0.3
Euro	...	...	...	...	...	...	...
Other currencies	1.7	0.0	1.7	...	...	1.7	1.7
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.3	0.4	2.7	...	...	2.7	2.0
By interest rate type							
Fixed	2.3	0.4	2.7	...	...	2.6	2.0
Other	0.0	0.0	0.0	...	...	0.0	0.0
Non-financial corporations	8.4	0.6	9.0	...	...	8.9	0.6
By currency							
US dollar	7.0	0.6	7.6	...	...	7.6	0.3
Euro	...	...	...	...	...	...	...
Other currencies	1.3	0.0	1.3	...	...	1.2	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.4	0.6	9.0	...	...	8.9	0.6
By interest rate type							
Fixed	7.8	...	7.7	...	...	7.7	0.6
Other	0.6	0.6	1.2	...	...	1.2	0.0

Turkey

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	276.0	...	270.8	...	...	...	...
Financial corporations	49.7	...	48.4	...	...	...	...
Non-financial corporations	8.5	...	8.4	...	...	...	...
General government	217.9	...	213.9	...	...	...	...
Domestic debt securities	173.6	3.3	171.0	...	...	...	...
Financial corporations	14.3	0.0	13.8	...	...	...	...
Short-term	9.9	0.2	9.7	...	...	...	...
Long-term	4.5	-0.2	4.1	...	...	...	...
Non-financial corporations	2.8	0.0	2.7	...	...	...	...
Short-term	0.1	0.0	0.1	...	...	...	...
Long-term	2.7	0.1	2.6	...	...	...	...
General government	156.5	3.3	154.4	...	...	...	...
Short-term	1.2	0.6	1.7	...	...	...	...
Long-term	155.3	2.7	152.7	...	...	...	...
International debt securities	120.0	-2.1	117.9	5.4	4.1	120.6	8.2
Banks	44.8	0.2	45.0	3.6	2.3	47.0	4.2
By currency							
Local currency	0.6	...	0.6	0.1	0.1	0.6	...
US dollar	39.9	0.5	40.5	3.5	2.5	43.0	4.0
Euro	3.9	-0.3	3.6	0.0	-0.2	3.2	0.1
Other foreign currencies	0.4	0.0	0.4	0.0	0.0	0.3	0.1
By original maturity							
Short-term	1.6	-0.5	1.1	0.1	-0.3	0.8	0.3
Long-term	43.2	0.7	43.9	3.5	2.6	46.2	3.8
By interest rate type							
Fixed	42.8	0.4	43.2	3.6	2.3	45.2	4.2
Other	2.0	-0.2	1.9	0.0	0.0	1.8	0.0
Other financial corporations	1.3	0.0	1.3	...	...	1.2	0.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	0.5	...	0.5	...	...	0.5	0.0
Euro	0.6	0.0	0.6	...	...	0.5	0.2
Other foreign currencies	0.2	0.0	0.2	...	...	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	0.0	1.3	...	...	1.2	0.2
By interest rate type							
Fixed	1.0	0.0	1.0	...	...	1.0	0.2
Other	0.3	0.0	0.3	...	...	0.2	0.0
Non-financial corporations	8.0	...	8.0	0.3	0.3	8.3	0.0
By currency							
Local currency	0.1	...	0.1	...	...	0.1	...
US dollar	7.6	...	7.6	...	...	7.6	0.0
Euro	0.4	...	0.4	0.3	0.3	0.7	0.0
Other foreign currencies	0.0	...	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.0	...	8.0	0.3	0.3	8.3	0.0
By interest rate type							
Fixed	7.8	...	7.8	0.3	0.3	8.1	0.0
Other	0.2	...	0.2	0.0	0.0	0.2	0.0

Turkey (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	65.8	-2.3	63.6	1.5	1.5	64.1	3.8
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	53.3	-2.3	51.0	1.5	1.5	52.5	2.3
Euro	7.8	...	7.8	...	...	7.4	1.6
Other foreign currencies	4.7	0.0	4.8	0.0	0.0	4.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	65.8	-2.3	63.6	1.5	1.5	64.1	3.8
By interest rate type							
Fixed	65.8	-2.3	63.6	1.5	1.5	64.1	3.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	114.1	-2.2	112.1	4.9	3.3	114.0	8.2
Banks	38.8	0.2	38.9	2.6	2.2	40.8	4.3
By currency							
US dollar	34.4	0.5	34.9	2.5	2.4	37.3	4.1
Euro	3.4	-0.3	3.1	0.0	-0.2	2.7	0.1
Other currencies	1.0	0.0	0.9	0.1	0.0	0.9	0.1
By original maturity							
Short-term	1.6	-0.5	1.1	0.0	-0.3	0.8	0.3
Long-term	37.2	0.7	37.8	2.5	2.5	40.0	4.0
By interest rate type							
Fixed	36.1	0.4	36.5	2.6	2.2	38.5	3.8
Other	2.6	-0.2	2.4	0.0	0.0	2.4	0.6
Other financial corporations	3.3	0.0	3.3	0.5	-0.7	2.6	0.0
By currency							
US dollar	3.0	0.0	3.0	0.5	-0.7	2.4	0.0
Euro	0.3	...	0.3	...	...	0.2	0.0
Other currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.3	0.0	3.3	0.5	-0.7	2.6	0.0
By interest rate type							
Fixed	2.3	0.0	2.3	0.5	0.0	2.3	0.0
Other	1.0	0.0	1.0	0.0	-0.7	0.3	0.0
Non-financial corporations	6.2	...	6.2	0.3	0.3	6.5	0.0
By currency							
US dollar	5.8	...	5.8	...	...	5.8	0.0
Euro	0.4	...	0.4	0.3	0.3	0.7	0.0
Other currencies	0.1	...	0.1	0.0	0.0	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.2	...	6.2	0.3	0.3	6.5	0.0
By interest rate type							
Fixed	6.0	...	6.0	0.3	0.3	6.3	0.0
Other	0.2	...	0.2	0.0	0.0	0.2	0.0

United Kingdom

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	5,908.9	...	5,958.7	...	...	...	...
Financial corporations	2,663.7	...	2,692.6	...	...	...	...
Non-financial corporations	552.4	...	570.8	...	...	...	...
General government	2,688.1	...	2,690.3	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	2,981.1	20.8	2,964.3	176.6	12.9	2,868.3	400.7
Banks	1,333.1	17.4	1,341.0	115.9	0.0	1,292.5	296.9
By currency							
Local currency	332.9	6.3	326.1	31.5	-0.2	309.6	65.1
US dollar	447.8	18.0	465.8	44.5	12.6	478.4	94.8
Euro	472.7	-8.9	466.3	35.1	-12.0	428.7	121.0
Other foreign currencies	79.7	2.0	82.9	4.7	-0.5	75.9	16.1
By original maturity							
Short-term	151.9	1.5	152.2	75.9	3.6	150.1	147.6
Long-term	1,181.2	15.9	1,188.9	40.0	-3.6	1,142.4	149.3
By interest rate type							
Fixed	983.3	32.3	1,011.2	104.6	3.4	979.2	227.5
Other	349.8	-14.9	329.8	11.3	-3.4	313.3	69.4
Other financial corporations	1,251.2	1.3	1,231.4	44.4	12.1	1,197.6	68.2
By currency							
Local currency	581.5	4.8	563.5	20.8	11.3	546.4	12.9
US dollar	354.8	-0.7	354.1	11.2	-1.5	352.6	30.7
Euro	295.7	-1.8	295.5	12.0	3.2	282.2	21.7
Other foreign currencies	19.2	-1.0	18.3	0.4	-0.9	16.4	3.0
By original maturity							
Short-term	25.3	-2.5	22.7	17.1	0.4	22.5	22.3
Long-term	1,225.9	3.8	1,208.7	27.3	11.7	1,175.1	45.9
By interest rate type							
Fixed	572.9	9.1	573.2	31.3	3.6	556.5	51.3
Other	678.3	-7.8	658.2	13.1	8.6	641.1	16.9
Non-financial corporations	377.1	2.0	372.9	15.9	0.3	359.7	35.1
By currency							
Local currency	168.4	5.4	167.2	6.9	0.2	159.0	10.0
US dollar	118.2	-2.5	115.7	2.0	-1.2	114.5	13.6
Euro	84.1	-1.1	83.4	6.5	1.1	79.9	10.4
Other foreign currencies	6.4	0.3	6.6	0.5	0.1	6.3	1.2
By original maturity							
Short-term	12.4	-3.0	9.3	8.3	1.3	10.1	10.1
Long-term	364.7	5.1	363.6	7.7	-1.0	349.7	25.1
By interest rate type							
Fixed	341.7	1.6	337.9	14.5	-0.7	325.3	31.8
Other	35.4	0.4	35.0	1.4	1.0	34.5	3.3

United Kingdom (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	19.7	...	18.9	0.5	0.5	18.4	0.4
By currency							
Local currency	19.2	...	18.4	0.5	0.5	17.9	...
US dollar	...	...	...	...	...	...	...
Euro	0.1	...	0.1	...	...	0.1	0.0
Other foreign currencies	0.5	...	0.5	0.0	0.0	0.4	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	19.7	...	18.9	0.5	0.5	18.4	0.4
By interest rate type							
Fixed	19.7	...	18.9	0.5	0.5	18.4	0.4
Other	0.0	...	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	2,415.6	32.7	2,415.2	94.4	12.4	2,340.2	206.5
Banks	1,127.5	11.0	1,124.7	46.2	-0.7	1,085.1	106.8
By currency							
US dollar	390.7	19.0	409.7	15.0	2.1	411.8	34.9
Euro	286.3	-5.1	282.8	12.0	-7.2	260.0	39.9
Other currencies	450.5	-2.9	432.2	19.3	4.4	413.3	32.0
By original maturity							
Short-term	30.6	-1.5	28.9	17.3	2.8	30.7	30.7
Long-term	1,096.9	12.5	1,095.8	29.0	-3.5	1,054.5	76.1
By interest rate type							
Fixed	601.0	26.4	623.6	36.7	1.2	604.7	71.9
Other	526.5	-15.4	501.1	9.5	-1.9	480.4	34.8
Other financial corporations	575.4	-0.6	566.8	24.6	9.6	553.7	39.2
By currency							
US dollar	143.8	1.1	144.8	5.2	2.9	147.7	15.0
Euro	184.0	0.5	185.5	9.9	1.7	176.8	19.6
Other currencies	247.7	-2.2	236.5	9.5	5.0	229.3	4.6
By original maturity							
Short-term	8.1	0.6	8.6	6.8	-0.4	7.8	7.7
Long-term	567.3	-1.1	558.2	17.8	10.0	545.9	31.5
By interest rate type							
Fixed	279.4	3.1	277.9	15.5	4.7	272.1	23.2
Other	296.0	-3.7	288.9	9.0	4.9	281.7	16.1
Non-financial corporations	692.9	22.2	704.7	23.2	3.1	682.9	60.1
By currency							
US dollar	215.6	15.8	231.4	4.0	-0.6	230.8	28.5
Euro	174.0	-2.9	172.1	10.9	4.0	166.4	18.3
Other currencies	303.3	9.3	301.3	8.3	-0.3	285.7	13.2
By original maturity							
Short-term	15.1	-4.7	10.5	7.8	0.8	10.7	10.6
Long-term	677.9	26.9	694.3	15.4	2.3	672.2	49.4
By interest rate type							
Fixed	626.1	21.5	638.6	20.9	1.7	618.1	53.5
Other	66.8	0.7	66.1	2.3	1.4	64.8	6.5

United States

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
Resident issuers							
Total debt securities	37,614.4	...	37,865.4	...	...	...	...
Financial corporations	15,122.5	...	15,073.9	...	...	...	...
Non-financial corporations	5,756.4	...	5,835.6	...	...	...	...
General government	16,513.4	...	16,736.0	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	2,344.3	44.5	2,389.6	98.9	-0.1	2,347.7	336.8
Banks	579.3	35.3	615.6	35.1	0.4	596.9	103.7
By currency							
Local currency	283.4	21.9	305.3	16.8	-4.5	300.8	52.2
US dollar	...	...	...	...	...	...	...
Euro	175.3	9.6	185.8	13.5	5.3	180.6	29.3
Other foreign currencies	120.6	3.9	124.5	4.8	-0.3	115.5	22.2
By original maturity							
Short-term	2.2	-0.7	1.4	0.9	-0.3	1.1	1.1
Long-term	577.1	36.0	614.1	34.2	0.7	595.7	102.6
By interest rate type							
Fixed	461.6	29.6	491.5	29.8	2.8	479.9	77.9
Other	117.8	5.7	124.1	5.3	-2.4	116.9	25.8
Other financial corporations	1,272.8	-6.4	1,266.1	28.2	-13.9	1,244.1	188.1
By currency							
Local currency	1,127.2	-2.4	1,124.8	16.5	-14.7	1,110.1	162.5
US dollar	...	...	...	...	...	...	...
Euro	89.2	-2.1	87.6	9.2	1.4	84.1	14.7
Other foreign currencies	56.3	-1.9	53.7	2.4	-0.7	49.9	10.9
By original maturity							
Short-term	12.3	-0.2	12.0	8.9	0.9	12.3	12.3
Long-term	1,260.4	-6.2	1,254.1	19.3	-14.8	1,231.8	175.8
By interest rate type							
Fixed	960.4	-6.4	953.8	27.0	-1.1	946.5	157.8
Other	312.3	-0.1	312.3	1.2	-12.8	297.7	30.3
Non-financial corporations	487.6	15.6	503.1	35.7	13.4	502.0	44.7
By currency							
Local currency	241.3	7.9	249.2	4.6	-4.5	244.7	18.3
US dollar	...	...	...	...	...	...	...
Euro	191.3	6.6	198.9	29.4	16.8	204.2	24.0
Other foreign currencies	54.9	1.2	55.0	1.7	1.1	53.1	2.4
By original maturity							
Short-term	14.6	0.6	15.3	13.8	1.4	15.8	15.8
Long-term	473.0	15.0	487.8	21.9	12.0	486.2	28.9
By interest rate type							
Fixed	350.1	8.0	357.9	31.6	10.8	355.0	31.5
Other	137.5	7.6	145.2	4.0	2.6	147.0	13.2

United States (continued)

Debt securities issues and amounts outstanding, in billions of US dollars

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q2 16	Q3 16	Q3 16	Q4 16	Q4 16	Q4 16	Q4 16
General government	4.7	0.0	4.7	0.0	0.0	4.7	0.3
By currency							
Local currency	4.2	0.0	4.3	0.0	0.0	4.3	0.3
US dollar	...	...	...	...	...	...	...
Euro	0.4	...	0.4	...	...	0.4	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.7	0.0	4.7	0.0	0.0	4.7	0.3
By interest rate type							
Fixed	4.0	0.0	4.0	0.0	0.0	4.0	0.3
Other	0.7	0.0	0.7	0.0	0.0	0.7	0.0
National issuers							
International debt securities	3,298.8	55.7	3,353.6	155.7	28.7	3,322.7	394.1
Banks	815.1	38.0	853.9	43.2	0.3	831.2	117.6
By currency							
US dollar	464.8	26.3	491.1	19.6	-4.0	487.1	51.7
Euro	196.4	8.3	205.7	16.3	4.6	198.8	35.9
Other currencies	154.0	3.5	157.1	7.3	-0.4	145.3	30.0
By original maturity							
Short-term	12.7	-1.3	11.3	5.8	-1.0	9.9	9.6
Long-term	802.5	39.3	842.5	37.4	1.3	821.3	108.0
By interest rate type							
Fixed	616.2	31.8	648.3	36.2	2.6	634.2	85.3
Other	198.9	6.2	205.6	7.1	-2.3	197.0	32.3
Other financial corporations	1,623.8	-4.0	1,618.6	51.1	5.9	1,610.8	189.7
By currency							
US dollar	1,379.8	-2.8	1,376.9	31.3	0.1	1,377.0	163.8
Euro	172.2	-1.6	171.5	14.0	2.5	164.2	16.8
Other currencies	71.8	0.5	70.3	5.8	3.4	69.5	9.2
By original maturity							
Short-term	17.3	2.8	20.0	12.7	0.6	19.8	18.6
Long-term	1,606.5	-6.8	1,598.6	38.4	5.4	1,590.9	171.1
By interest rate type							
Fixed	857.7	-5.9	851.6	30.8	0.8	846.5	147.2
Other	766.1	1.8	767.0	20.3	5.1	764.3	42.6
Non-financial corporations	855.7	21.7	876.9	61.3	22.4	876.3	86.5
By currency							
US dollar	475.0	6.8	481.8	13.9	-2.1	479.8	37.1
Euro	271.1	12.3	284.9	41.9	23.2	291.7	38.0
Other currencies	109.6	2.5	110.1	5.6	1.3	104.9	11.4
By original maturity							
Short-term	22.3	-0.4	21.9	21.8	4.1	24.7	24.7
Long-term	833.4	22.1	854.9	39.5	18.4	851.7	61.8
By interest rate type							
Fixed	648.6	11.4	659.3	52.4	18.1	657.4	65.1
Other	207.1	10.3	217.6	8.9	4.3	218.9	21.4

D Derivatives statistics

www.bis.org/statistics/about_derivatives_stats.htm

The BIS compiles and publishes three sets of statistics on derivatives markets: quarterly statistics on derivatives traded on organised exchanges, semiannual statistics on outstanding positions in over-the-counter (OTC) derivatives markets, and triennial statistics on OTC derivatives and foreign exchange market activity. Together, they provide comprehensive measures for the size and structure of global derivatives markets.

The statistics on exchange-traded derivatives (XTD) cover the turnover and open interest (outstanding positions) of foreign exchange and interest rate futures and options. The statistics are compiled from commercial data sources and currently cover contracts traded on over 50 organised exchanges.²¹ The main value added by the BIS is the conversion of data on the number of contracts into notional amounts using information about contract sizes. This enables consistent comparisons of levels and trends in activity across these different markets. The BIS does not publish XTD statistics for equity, commodity or credit contracts, nor for derivatives that reference non-standard underlying instruments (eg inflation, weather or energy contracts).

The semiannual OTC derivatives statistics are compiled under the auspices of the CGFS. They provide data on notional amounts outstanding and gross market values for all types of OTC contracts. Large dealers in 13 countries currently report the semiannual statistics. They report on a worldwide consolidated basis, including the positions of their foreign affiliates and excluding intragroup positions.

The Triennial Survey also provides data on amounts outstanding, but for a considerably larger set of reporting dealers in many more countries than the semiannual survey. Dealers report on a consolidated basis. In addition, the Triennial Survey has a separate part that covers data on turnover in OTC derivatives and foreign exchange markets. These turnover data are reported on an unconsolidated basis, by the sales desks of reporting dealers.

Growth and liquidity of derivatives markets

Notional amounts outstanding and open interest can be used to gauge the economic and financial importance of derivatives markets. For example, the notional value of OTC derivatives contracts outstanding at end-2014 was \$630 trillion, which was eight times greater than global output and 6.5 times larger than outstanding debt securities.

For some comparisons, notional amounts may be less meaningful than other measures. Notional amounts are influenced by changing structural factors. In XTD markets for instance, offsetting long and short positions are cancelled, which reduces open interest. By contrast, in OTC markets, positions are generally offset by entering a new contract, which boosts notional amounts. The shift to central

²¹ Prior to 1999, the XTD statistics were compiled from data from the Futures Industry Association (FIA) and selected derivatives exchanges. Since 1999, the main source has been Euromoney TRADEDATA (formerly FOW TRADEDATA), supplemented with data from FIA and The Options Clearing Corporation.

clearing in OTC markets also boosts notional amounts by replacing one contract with two. That said, tearing up contracts through compression, which is a process that allows economically redundant derivative trades to be terminated early, is now well established in some segments of OTC derivatives markets, and reduces notional amounts.

The market value of outstanding contracts is an alternative measure. In the OTC derivatives statistics, the gross market value represents the maximum loss that market participants would incur if all counterparties failed to meet their contractual payments and the contracts were replaced at market prices on the reporting date. Market participants can reduce their exposure to counterparty credit risk through netting agreements and collateral. Accordingly, gross credit exposures adjust gross market values for legally enforceable bilateral netting agreements, although they do not take account of collateral.

Turnover is also a useful measure. It can be taken as an indicator of liquidity, albeit a rough one. Short-term interest rate futures tend to be the most liquid segment of derivatives markets. In June 2015, their daily average turnover exceeded \$4 trillion, which amounted to about 20% of the respective open interest at end-June 2015. In addition, turnover can be used to compare the relative importance of XTD and OTC markets. In 2013, the share of derivatives that were traded over the counter was 56% in emerging market economies but less than 50% in advanced economies.²² Over the 1995–2013 period, the turnover of OTC interest rate swaps tended to grow faster than that of exchange-traded futures and options referencing government bond yields.²³

Reallocation of risk

Derivatives transfer risks among market participants. In and of themselves, the BIS derivatives statistics do not reveal the risks borne by market participants; for that, financial statement information would be needed, including on cash instruments and operational activities. But they do shed light on who is transferring risks and on the aggregate amount of risk transferred. For example, the semiannual OTC statistics reveal that non-dealers are relatively more likely than dealers to insure themselves against extreme price movements through the use of options: for almost every type of risk, dealers sold more options to non-dealers than they purchased from them.

Derivatives statistics also help to monitor the progress of efforts by policymakers to reduce systemic risks in derivatives markets by shifting the clearing and trading of OTC instruments to central counterparties and organised exchanges.²⁴

²² T Ehlers, and F Packer, "FX derivatives markets in emerging economies and the internationalisation of their currencies", *BIS Quarterly Review*, December 2013.

²³ L Kreicher, R McCauley and P Wooldridge, "Benchmark tipping in the global bond market", *BIS Working Papers*, no 466, October 2014.

²⁴ See Financial Stability Board, *Ninth progress report on implementation of OTC derivatives market reforms*, 24 July 2015.

Exchange-traded futures and options, by location of exchange

Notional principal, in billions of US dollars

Table D1

Instrument / location of exchange / market risk category / maturity	Open interest			Daily average turnover						
	Dec 2015	Sep 2016	Dec 2016	2015	2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016
Futures										
All markets	25,071	27,894	26,169	4,572	5,152	4,483	5,257	4,785	7,036	5,318
Interest rate	24,836	27,660	25,945	4,463	5,046	4,400	5,138	4,688	6,917	5,206
Short-term	23,322	25,876	24,051	3,863	4,421	3,801	4,498	4,151	6,031	4,595
Long-term	1,514	1,783	1,893	600	625	599	640	537	886	611
Foreign exchange	235	234	225	108	106	83	119	97	119	112
North America	15,649	18,635	17,910	3,121	3,633	3,339	3,533	2,996	5,323	3,866
Interest rate	15,501	18,491	17,765	3,043	3,559	3,284	3,449	2,932	5,242	3,784
Short-term	14,648	17,517	16,723	2,730	3,234	2,893	3,185	2,669	4,707	3,517
Long-term	853	974	1,042	313	325	391	264	263	535	267
Foreign exchange	148	144	145	79	73	55	85	64	81	82
Europe	7,084	6,635	5,798	1,167	1,236	938	1,412	1,511	1,408	1,157
Interest rate	7,080	6,630	5,793	1,163	1,231	934	1,408	1,508	1,404	1,154
Short-term	6,621	6,053	5,182	946	1,006	781	1,128	1,296	1,130	904
Long-term	459	577	611	216	226	153	280	211	274	250
Foreign exchange	4	5	5	4	4	4	4	4	4	4
Asia and Pacific	1,543	1,690	1,568	212	216	156	232	199	218	219
Interest rate	1,534	1,666	1,546	205	208	149	224	191	207	212
Short-term	1,337	1,438	1,312	134	134	94	128	128	131	117
Long-term	197	228	234	71	74	55	96	63	76	94
Foreign exchange	9	25	22	7	8	7	8	8	10	7
Other markets	795	934	894	72	68	51	79	79	86	75
Interest rate	720	874	841	53	48	33	57	57	63	56
Short-term	716	869	835	53	48	33	57	57	63	56
Long-term	4	5	6	0	0	0	0	1	0	0
Foreign exchange	75	60	53	19	20	18	22	21	23	19
Options										
All markets	38,392	38,914	41,076	1,279	1,502	1,043	1,135	1,176	2,033	1,498
Interest rate	38,261	38,775	40,954	1,265	1,489	1,033	1,124	1,165	2,018	1,486
Short-term	37,828	38,223	40,333	1,169	1,403	968	1,040	1,087	1,891	1,386
Long-term	433	552	620	96	86	65	84	78	127	100
Foreign exchange	131	139	122	14	13	10	11	11	15	12
North America	26,735	31,960	34,521	1,016	1,256	904	1,014	890	1,807	1,363
Interest rate	26,669	31,889	34,452	1,006	1,248	898	1,008	884	1,798	1,356
Short-term	26,413	31,534	34,078	949	1,192	850	955	836	1,710	1,294
Long-term	256	355	374	57	56	48	52	47	88	62
Foreign exchange	66	71	69	10	8	6	6	7	9	7
Europe	11,450	6,550	6,114	249	230	125	108	270	213	120
Interest rate	11,447	6,548	6,111	249	230	125	108	270	213	120
Short-term	11,282	6,369	5,875	214	205	113	81	241	178	85
Long-term	165	179	236	35	26	12	27	28	35	35
Foreign exchange	3	2	3	0	0	0	0	0	0	0
Asia and Pacific	14	22	13	6	6	7	7	5	7	5
Interest rate	11	18	10	4	4	5	4	3	4	3
Short-term	0	0	0	0	0	0	0	0	0	0
Long-term	11	18	10	4	4	5	4	3	4	3
Foreign exchange	2	4	4	2	2	2	3	2	3	3
Other markets	194	382	427	8	9	7	6	11	6	10
Interest rate	134	320	381	6	6	5	4	9	4	8
Short-term	133	320	380	6	6	5	4	9	4	8
Long-term	0	0	0	0	0	0	0	0	0	0
Foreign exchange	60	62	47	2	2	2	2	2	3	2

Exchange-traded futures and options, by currency

Notional principal, in billions of US dollars

Table D2

Market risk category / currency	Open interest			Daily average turnover							
	Dec 2015	Sep 2016	Dec 2016	2015	2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	
Interest rate	63,097	66,435	66,898	5,728	6,535	5,432	6,262	5,853	8,935	6,692	
AUD	1,193	1,257	1,197	147	147	97	149	147	143	142	
BRL	662	959	1,043	44	42	28	48	54	54	51	
CAD	519	598	915	75	87	71	84	114	95	97	
CHF	184	228	216	27	22	18	29	20	35	21	
CNY	9	11	12	4	5	5	3	3	5	12	
DKK	0	0	0	0	0	0	0	0	0	0	
EUR	11,321	7,076	6,738	835	900	598	1,002	949	1,065	943	
GBP	6,708	5,685	4,746	538	533	440	480	801	511	302	
HKD	0	0	0	0	0	0	0	0	0	0	
HUF	0	0	0	0	0	0	0	0	0	0	
INR	1	0	0	0	0	0	0	0	0	0	
JPY	235	294	215	40	41	37	53	26	41	43	
KRW	0	31	23	13	14	10	19	16	18	13	
MXN	8	4	3	0	0	0	0	0	0	0	
NOK	14	17	14	0	0	0	1	0	0	0	
NZD	98	84	104	5	5	4	4	3	4	4	
PLN	0	0	0	0	0	0	0	0	0	0	
RUB	0	0	0	0	0	0	0	0	0	0	
SEK	129	92	92	6	3	1	2	4	3	2	
SGD	0	0	0	0	0	0	0	0	0	0	
TRY	0	0	0	0	0	0	0	0	0	0	
TWD	0	0	0	0	0	0	0	0	0	0	
USD	42,010	50,092	51,572	3,993	4,736	4,123	4,389	3,716	6,961	5,062	
ZAR	4	5	6	0	0	0	0	1	0	0	
Other currencies	0	0	0	0	0	0	0	0	0	0	
Foreign exchange	366	373	347	122	119	93	130	108	133	123	
AUD	11	16	13	7	8	7	9	7	9	7	
BRL	112	112	91	20	21	19	23	22	25	19	
CAD	17	13	12	6	6	5	7	6	6	6	
CHF	11	8	9	3	3	2	4	3	4	4	
CNY	4	5	7	0	1	0	0	1	1	1	
DKK	0	0	0	0	0	0	0	0	0	0	
EUR	107	93	99	44	33	23	36	27	36	40	
GBP	33	34	28	11	11	8	12	12	11	11	
HKD	0	0	0	0	0	0	0	0	0	0	
HUF	0	1	1	0	0	0	0	0	0	0	
INR	8	14	10	6	7	6	8	6	9	7	
JPY	34	39	44	16	19	14	20	15	23	20	
KRW	0	10	9	2	3	3	3	3	3	2	
MXN	9	14	12	2	2	2	3	1	2	2	
NOK	0	1	1	0	0	0	0	0	0	0	
NZD	2	4	4	1	2	1	2	2	2	2	
PLN	0	1	0	0	0	0	0	0	0	0	
RUB	6	6	6	3	4	3	3	3	3	3	
SEK	1	1	1	0	0	0	0	0	0	0	
SGD	0	0	0	0	0	0	0	0	0	0	
TRY	1	1	1	0	0	0	0	0	0	0	
TWD	0	0	0	0	0	0	0	0	0	0	
USD	314	327	318	114	113	89	125	104	128	119	
ZAR	4	4	3	0	0	0	0	0	0	0	
Other currencies	58	39	24	8	5	4	4	4	5	4	

¹ Notional principal outstanding, from the BIS semiannual survey of OTC derivatives markets.

Exchange-traded futures, by currency

Notional principal, in billions of US dollars

Table D3

Instrument / market risk category / maturity / currency	Open interest			Daily average turnover						
	Dec 2015	Sep 2016	Dec 2016	2015	2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016
Futures	25,071	27,894	26,169	4,572	5,152	4,483	5,257	4,785	7,036	5,318
Interest rate	24,836	27,660	25,945	4,463	5,046	4,400	5,138	4,688	6,917	5,206
Short-term	23,322	25,876	24,051	3,863	4,421	3,801	4,498	4,151	6,031	4,595
AUD	1,084	1,131	1,068	123	120	80	111	120	117	106
BRL	529	640	663	38	35	23	44	45	50	43
CAD	443	541	696	68	79	63	78	103	83	84
CHF	184	228	216	27	22	18	28	20	35	21
EUR	3,716	3,656	3,347	475	576	440	685	679	712	626
GBP	2,416	1,981	1,415	434	402	320	409	590	377	249
JPY	145	217	136	7	9	9	13	6	10	7
KRW	0	0	0	0	0	0	0	0	0	0
MXN	8	4	3	0	0	0	0	0	0	0
NOK	14	17	14	0	0	0	1	0	0	0
NZD	98	84	104	5	5	4	4	3	4	4
SEK	120	92	92	4	3	1	2	4	3	2
USD	14,564	17,285	16,297	2,682	3,171	2,843	3,123	2,580	4,641	3,451
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Long-term	1,514	1,783	1,893	600	625	599	640	537	886	611
AUD	106	125	128	24	27	16	38	26	26	36
BRL	0	0	0	0	0	0	0	0	0	0
CAD	31	32	33	6	6	8	5	6	10	5
CHF	0	0	0	0	0	0	0	0	0	0
EUR	389	506	537	186	198	124	256	184	239	233
GBP	60	71	74	29	27	29	24	28	36	16
JPY	81	60	70	30	28	23	36	17	27	33
KRW	0	31	23	13	14	10	19	16	18	13
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	9	0	0	2	0	0	0	0	0	0
USD	822	942	1,010	307	319	383	259	257	525	262
ZAR	4	5	6	0	0	0	0	1	0	0
Other currencies	10	11	12	4	6	5	4	3	6	13
Foreign exchange	235	234	225	108	106	83	119	97	119	112
AUD	8	10	8	7	7	7	9	7	8	6
BRL	59	57	50	18	19	17	21	21	23	18
CAD	13	8	8	5	5	5	7	5	6	5
CHF	9	7	8	3	3	2	4	3	4	4
EUR	67	60	65	38	29	20	33	24	30	36
GBP	25	25	21	10	10	7	11	11	10	10
JPY	24	22	26	15	17	12	19	14	21	18
KRW	0	10	9	2	3	3	3	3	3	2
MXN	9	14	12	2	2	2	3	1	2	2
NOK	0	1	1	0	0	0	0	0	0	0
NZD	2	4	4	1	2	1	2	2	2	2
SEK	1	1	1	0	0	0	0	0	0	0
USD	222	219	213	107	104	82	116	96	117	109
ZAR	2	2	2	0	0	0	0	0	0	0
Other currencies	30	27	23	9	10	8	10	8	12	9

Exchange-traded options, by currency

Notional principal, in billions of US dollars

Table D4

Instrument / market risk category / maturity / currency	Open interest			Daily average turnover						
	Dec 2015	Sep 2016	Dec 2016	2015	2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016
Options	38,392	38,914	41,076	1,279	1,502	1,043	1,135	1,176	2,033	1,498
Interest rate	38,261	38,775	40,954	1,265	1,489	1,033	1,124	1,165	2,018	1,486
Short-term	37,828	38,223	40,333	1,169	1,403	968	1,040	1,087	1,891	1,386
AUD	0	0	0	0	0	0	0	0	0	0
BRL	133	320	380	6	6	5	4	9	4	8
CAD	45	24	186	2	2	1	1	5	3	7
CHF	0	0	0	0	0	0	0	0	0	0
EUR	7,051	2,736	2,618	139	100	22	34	58	79	48
GBP	4,231	3,633	3,257	75	104	91	47	183	98	36
JPY	0	0	0	0	0	0	0	0	0	0
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	26,368	31,510	33,891	947	1,190	849	955	832	1,708	1,287
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Long-term	433	552	620	96	86	65	84	78	127	100
AUD	2	0	1	0	0	0	0	0	0	0
BRL	0	0	0	0	0	0	0	0	0	0
CAD	0	0	0	0	0	0	0	0	0	0
CHF	0	0	0	0	0	0	0	0	0	0
EUR	165	179	236	35	26	12	27	28	35	35
GBP	0	0	0	0	0	0	0	0	0	0
JPY	9	18	9	4	4	5	4	2	4	3
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	256	355	374	57	56	48	52	47	88	62
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Foreign exchange	131	139	122	14	13	10	11	11	15	12
AUD	4	7	5	0	0	0	1	0	1	0
BRL	53	55	41	2	2	2	2	2	2	1
CAD	4	5	5	0	0	0	0	0	0	0
CHF	2	1	1	0	0	0	0	0	0	0
EUR	40	33	33	7	4	3	3	3	5	4
GBP	8	9	7	1	1	1	1	1	1	1
JPY	10	17	18	1	2	1	1	1	2	1
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	92	108	105	7	9	7	8	8	11	10
ZAR	2	2	1	0	0	0	0	0	0	0
Other currencies	48	41	27	9	7	5	6	5	7	6

Global OTC derivatives market

In billions of US dollars

Table D5

	Notional amounts outstanding				Gross market value			
	H2 2014	H1 2015	H2 2015	H1 2016	H2 2014	H1 2015	H2 2015	H1 2016
All contracts	628,003	551,489	492,707	544,052	20,837	15,485	14,492	20,701
Foreign exchange contracts	75,043	73,607	70,446	74,036	2,936	2,539	2,579	3,063
By instrument								
Outright forwards and fx swaps	36,596	36,699	36,331	38,853	1,202	932	947	1,340
Currency swaps	24,042	23,566	22,750	23,485	1,348	1,283	1,345	1,462
Options	14,405	13,342	11,365	11,697	386	324	287	261
Other products	—	—	—	1	...	...	...	...
By counterparty								
Reporting dealers	31,894	30,687	29,930	32,119	1,315	1,025	1,029	1,303
Other financial institutions	33,921	32,927	31,188	32,947	1,160	998	1,016	1,264
Central counterparties	...	...	...	346	...	...	...	9
Non-financial customers	9,228	9,994	9,328	8,969	461	516	534	496
By maturity								
Up to one year	56,193	56,082	54,043	59,066	...	...	...	...
Between one and five years	13,469	12,256	11,360	10,554	...	...	...	...
Over five years	5,382	5,269	5,043	4,415	...	...	...	...
By currency								
USD	67,181	63,981	61,297	64,903	2,652	2,192	2,449	2,636
EUR	24,734	26,508	23,418	24,021	963	978	867	837
JPY	14,235	13,492	12,519	14,819	785	493	388	873
GBP	8,405	9,022	9,113	9,804	240	311	289	620
CHF	4,170	3,877	3,802	3,374	138	143	127	120
CAD	3,143	3,582	3,038	3,243	103	126	183	119
SEK	1,117	1,227	1,265	1,370	41	29	29	32
Other currencies	27,101	25,525	26,440	26,538	950	806	827	890
Interest rate contracts	505,443	434,507	384,025	418,082	15,586	11,062	10,148	15,096
By instrument								
FRAs	80,818	74,633	58,326	71,842	145	143	114	255
Swaps	381,141	319,821	288,634	311,474	13,925	9,796	8,993	13,480
Options	43,484	40,053	37,065	34,743	1,516	1,124	1,042	1,361
Other products	—	—	—	24	...	...	...	...
By counterparty								
Reporting dealers	69,895	60,962	54,115	47,261	3,978	3,101	3,063	3,528
Other financial institutions	421,407	359,777	315,166	359,718	10,678	7,177	6,310	10,737
Central counterparties	...	...	...	319,215	...	...	...	7,890
Non-financial customers	14,140	13,768	14,744	11,080	930	784	775	830
By maturity								
Up to one year	200,885	180,438	153,582	188,834	...	...	...	...
Between one and five years	184,571	151,767	135,326	132,905	...	...	...	...
Over five years	119,987	102,302	95,117	96,320	...	...	...	...
By currency								
USD	172,554	159,811	138,964	148,898	3,601	2,751	2,439	3,862
EUR	167,342	125,962	117,849	120,459	8,171	5,262	4,747	6,401
JPY	46,140	44,055	38,607	49,740	798	585	645	1,441
GBP	57,012	46,563	38,127	41,857	1,828	1,391	1,386	2,205
CHF	4,783	3,994	3,749	3,562	128	131	95	119
CAD	10,086	10,532	7,353	8,728	163	213	162	218
SEK	4,831	4,158	4,046	4,675	115	92	78	121
Other currencies	42,697	39,432	35,331	40,163	782	638	596	728
Equity-linked contracts	6,968	7,544	7,141	6,631	612	606	495	515
By instrument								
Forwards and swaps	2,495	2,801	3,321	2,537	177	168	147	172
Options	4,473	4,743	3,820	4,094	435	438	348	343
By counterparty								
Reporting dealers	2,364	2,529	3,060	2,369	200	212	168	174
Other financial institutions	3,909	4,279	3,498	3,728	288	268	244	271
Central counterparties	...	...	...	45	...	...	...	2
Non-financial customers	696	736	583	535	124	126	83	70
By maturity								
Up to one year	4,491	4,957	4,597	4,224	...	...	...	...
Between one and five years	2,038	2,149	2,195	2,044	...	...	...	...
Over five years	440	438	349	363	...	...	...	...
By market								
US equities	2,904	3,239	2,763	2,944	289	258	212	215
European equities	2,428	2,692	2,839	2,204	179	192	145	147
Japanese equities	510	416	296	306	49	51	32	36
Other Asian equities	351	444	440	339	20	20	19	20
Latin American equities	178	178	150	153	11	11	9	10
Other equities	597	575	654	686	66	74	78	87

Global OTC derivatives market (continued)

In billions of US dollars

Table D5

	Notional amounts outstanding				Gross market value			
	H2 2014	H1 2015	H2 2015	H1 2016	H2 2014	H1 2015	H2 2015	H1 2016
Commodity contracts	1,869	1,671	1,320	1,392	318	237	297	202
By commodity								
Gold	323	247	286	338	34	26	75	39
Other precious metal	66	61	52	63	7	7	6	6
Other commodities	1,481	1,363	982	992	277	205	216	157
By instrument and commodity								
Forwards and swaps	1,215	1,101	888	952	...	...	...	...
Gold	177	156	177	202	...	...	...	...
Other precious metal	35	37	32	42	...	...	...	...
Other commodities	1,003	908	679	708	...	...	...	...
Total options	654	570	432	441	...	...	...	...
Gold	145	92	109	136	...	...	...	...
Other precious metal	31	24	20	21	...	...	...	...
Other commodities	478	454	303	284	...	...	...	...
Options sold (gross basis)	396	350	252	273	...	...	...	...
Gold	88	56	55	81	...	...	...	...
Other precious metal	19	15	13	13	...	...	...	...
Other commodities	289	278	185	179	...	...	...	...
Options bought (gross basis)	404	348	276	267	...	...	...	...
Gold	90	56	78	85	...	...	...	...
Other precious metal	19	14	12	12	...	...	...	...
Other commodities	295	278	186	169	...	...	...	...
Credit derivatives	-	-	-	11,890	-	-	-	347
Credit default swaps	16,399	14,594	12,294	11,777	593	453	421	342
By instrument								
Single-name instruments	9,041	8,205	7,183	6,620	366	278	284	215
Multi-name instruments	7,358	6,389	5,110	5,156	227	175	137	127
Index products	6,747	5,909	4,737	4,836	...	...	...	...
By counterparty								
Reporting dealers	7,717	6,503	5,451	5,100	289	211	195	156
Other financial institutions	8,485	7,885	6,652	6,518	296	235	219	181
Central counterparties	4,790	4,505	4,185	4,386	144	117	117	102
Banks and securities firms	1,348	1,229	854	635	46	36	26	17
Insurance firms	216	179	163	162	7	5	6	5
SPVs, SPCs and SPEs	219	186	170	153	12	10	8	6
Hedge funds	814	788	616	549	42	31	35	28
Other financial customers	1,098	999	665	633	44	35	28	22
Non-financial customers	197	206	190	159	8	7	7	5
By rating category								
Investment grade	9,741	9,319	7,975	8,075	...	...	...	...
Non-investment grade	3,599	3,252	2,228	2,086	...	...	...	...
Non-rated	3,059	2,024	2,091	1,616	...	...	...	...
By maturity								
Up to one year	3,010	2,426	2,689	2,811	...	...	...	...
Between one and five years	12,367	10,944	8,778	8,199	...	...	...	...
Over five years	1,022	1,224	827	767	...	...	...	...
By sector								
Sovereigns	2,467	2,284	2,001	1,864	...	...	...	...
Financial firms	3,962	3,259	2,625	2,243	...	...	...	...
Non-financial firms	5,624	5,275	4,290	4,007	...	...	...	...
Securitised products	227	213	225	220	...	...	...	...
Multiple sectors	4,117	3,564	3,152	3,443	...	...	...	...
By location of counterparty								
Home country	3,423	3,510	2,894	2,892	...	...	...	...
Abroad	12,976	11,085	9,400	8,885	...	...	...	...
United States	3,412	3,159	2,575	2,450	...	...	...	...
European developed	8,205	6,782	5,718	5,483	...	...	...	...
Japan	117	116	137	133	...	...	...	...
Other Asian countries	127	100	102	104	...	...	...	...
Latin America	686	607	460	325	...	...	...	...
All other countries	430	320	407	389	...	...	...	...
Other derivatives	-	-	-	84	-	-	-	6
Unallocated	22,281	19,566	17,481	31,936	791	588	550	1,473
Gross credit exposure	...	...	...	...	3,355	2,870	2,862	3,692

OTC, foreign exchange derivatives

In billions of US dollars

Table D6

	Total	USD	EUR	JPY	GBP	CHF	CAD	SEK	Other
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Notional amounts outstanding									
Total foreign exchange contracts	74,036	64,903	24,021	14,819	9,804	3,374	3,243	1,370	26,538
Outright forwards and forex swaps	38,853	33,778	12,533	6,817	5,384	1,880	1,831	909	14,574
Reporting dealers	13,727	12,914	3,953	2,870	1,633	591	528	230	4,734
Other financial institutions	19,881	17,022	6,104	3,182	2,894	1,119	903	447	8,093
Central counterparties	214	217	1	0	0	0	0	0	209
Non-financial customers	5,245	3,842	2,475	765	857	170	400	233	1,747
Total including gold	39,055	...	...	...	...	...	...	...	...
Currency swaps	23,485	20,798	8,270	5,390	3,142	1,063	994	307	7,006
Reporting dealers	12,816	11,927	3,849	3,572	1,546	539	523	121	3,555
Other financial institutions	8,079	6,837	3,089	1,430	1,087	403	318	134	2,861
Central counterparties	131	128	1	2	1	0	0	...	131
Non-financial customers	2,589	2,033	1,333	388	509	121	153	51	590
Total options	11,697	10,328	3,218	2,612	1,278	431	418	154	4,956
Reporting dealers	5,576	4,908	1,647	1,478	621	254	198	57	1,990
Other financial institutions	4,986	4,423	1,147	943	528	152	176	72	2,532
Central counterparties	1	1	...	...	...	...	...	0	1
Non-financial customers	1,135	997	424	191	129	25	44	25	434
Total including gold	11,834	...	...	...	...	...	...	...	...
Options sold (gross basis)	8,693	7,584	2,464	2,060	949	344	311	99	3,574
Reporting dealers	5,574	4,835	1,648	1,484	617	253	203	53	2,054
Other financial institutions	2,573	2,265	608	491	266	80	89	32	1,314
Central counterparties	1	1	...	...	...	...	...	...	1
Non-financial customers	547	484	208	85	66	12	19	14	206
Total including gold	8,774	...	...	...	...	...	...	...	...
Options bought (gross basis)	8,580	7,652	2,401	2,030	949	341	304	111	3,372
Reporting dealers	5,578	4,981	1,645	1,472	624	255	192	61	1,926
Other financial institutions	2,414	2,158	540	452	262	73	87	39	1,217
Central counterparties	1	1	...	...	...	...	...	0	1
Non-financial customers	588	513	216	106	63	14	25	12	228
Total including gold	8,666	...	...	...	...	...	...	...	...
Total contracts including gold	74,374	...	...	...	...	...	...	...	...
Gross market values									
Total foreign exchange contracts	3,063	2,636	837	873	620	120	119	32	890
Outright forwards and forex swaps	1,340	1,160	320	400	332	35	46	18	369
Reporting dealers	487	456	89	189	92	11	12	5	121
Other financial institutions	630	542	140	164	177	20	19	9	189
Central counterparties	6	9	0	...	0	0	...	0	3
Non-financial customers	223	161	92	47	64	5	16	5	58
Currency swaps	1,462	1,248	445	380	256	67	66	14	448
Reporting dealers	682	622	144	247	107	19	24	4	198
Other financial institutions	541	441	190	98	99	33	21	6	194
Central counterparties	3	3	0	0	0	...	0	...	3
Non-financial customers	239	185	111	36	50	16	21	4	56
Total options	261	229	72	93	32	17	6	1	73
Reporting dealers	134	118	34	55	14	12	2	0	32
Other financial institutions	93	83	24	28	12	4	2	0	34
Central counterparties	0	0	...	0	0	...	0	0	0
Non-financial customers	34	27	14	10	7	1	2	0	7
Options sold (gross basis)	197	171	55	75	23	14	4	1	52
Reporting dealers	134	115	36	59	14	11	2	1	32
Other financial institutions	48	44	13	13	6	3	1	0	18
Central counterparties	0	0	...	...	...	...	...	0	0
Non-financial customers	15	12	6	4	3	0	0	0	3
Options bought (gross basis)	198	172	52	77	23	14	5	1	52
Reporting dealers	134	118	34	55	14	12	2	0	32
Other financial institutions	45	39	11	15	6	2	1	0	16
Central counterparties	0	0	...	0	0	...	0	0	0
Non-financial customers	19	15	7	6	3	1	2	0	4
Total FX contracts including gold	3,102	...	...	...	...	...	...	...	...
Herfindahl indices¹									
Outright forwards, forex swaps and currency swaps	459	479	456	531	489	652	591	717	...
Between reporters	470	486	498	564	531	624	637	690	...
With non-reporters	480	510	456	540	487	756	636	815	...
Total options	782	780	741	717	983	961	1,001	881	...
Between reporters	738	738	740	696	910	1,014	855	935	...
With non-reporters	905	899	770	844	1,207	1,062	1,406	894	...

¹ For the currency as a whole, regardless of the different currency pairs. There are different degrees of concentration for each currency pair. For example, the concentration in the EUR-SEK currency pair is different from that of EUR-JPY currency pair.

OTC, interest rate derivatives

In billions of US dollars

Table D7

	Total	USD	EUR	JPY	GBP	CHF	CAD	SEK	Other
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Notional amounts outstanding									
Total interest rate contracts	418,082	148,898	120,459	49,740	41,857	3,562	8,728	4,675	40,163
FRAs	71,842	38,525	20,008	17	8,039	726	9	1,631	2,887
Reporting dealers	1,501	606	110	0	64	7	1	167	546
Other financial institutions	69,732	37,491	19,872	13	7,971	718	1	1,432	2,233
Central counterparties	66,106	35,080	19,771	10	7,939	703	0	1,328	1,275
Non-financial customers	608	428	26	3	4	1	7	32	107
Swaps	311,474	95,642	86,623	46,977	31,314	2,798	8,683	2,989	36,447
Reporting dealers	25,264	7,301	6,940	3,305	1,818	174	363	241	5,123
Other financial institutions	277,584	86,035	76,422	42,525	28,887	2,575	8,038	2,628	30,474
Central counterparties	253,056	80,114	68,272	40,669	26,471	2,263	7,573	2,418	25,275
Non-financial customers	8,626	2,306	3,262	1,147	608	49	282	120	851
Total options	34,743	14,731	13,828	2,746	2,504	38	36	55	805
Reporting dealers	20,495	7,526	9,430	1,842	1,317	20	10	20	332
Other financial institutions	12,402	6,285	3,727	803	1,106	15	18	26	422
Central counterparties	53	16	7	3	25	0	...	...	1
Non-financial customers	1,846	921	671	102	81	3	7	9	52
Options sold (gross basis)	28,105	11,591	11,682	2,322	1,787	30	24	34	634
Reporting dealers	20,452	7,480	9,467	1,840	1,252	19	10	14	369
Other financial institutions	6,475	3,425	1,870	430	484	10	10	15	231
Central counterparties	36	16	4	0	15	0	...	...	0
Non-financial customers	1,178	686	344	52	51	1	4	6	34
Options bought (gross basis)	27,134	10,666	11,576	2,266	2,034	28	22	40	503
Reporting dealers	20,539	7,571	9,392	1,843	1,382	21	11	26	294
Other financial institutions	5,926	2,859	1,857	373	622	5	8	11	191
Central counterparties	18	0	3	3	10	0	...	...	0
Non-financial customers	668	235	327	50	30	2	3	3	17
Gross market values									
Total interest rate contracts	15,096	3,862	6,401	1,441	2,205	119	218	121	728
FRAs	255	235	8	0	5	0	0	1	5
Reporting dealers	13	12	0	–	0	0	–	0	1
Other financial institutions	224	208	7	0	5	0	0	1	4
Central counterparties	196	185	4	...	5	0	0	1	1
Non-financial customers	17	15	1	–	0	0	0	0	1
Swaps	13,480	3,290	5,613	1,366	2,049	113	217	119	713
Reporting dealers	2,519	726	1,010	214	339	19	29	13	169
Other financial institutions	10,193	2,419	4,206	1,112	1,609	87	166	97	498
Central counterparties	7,693	1,976	3,086	914	1,051	62	139	85	380
Non-financial customers	767	145	397	40	101	6	22	10	45
Total options	1,361	337	780	75	151	6	1	1	11
Reporting dealers	996	232	597	60	98	3	0	0	5
Other financial institutions	320	94	159	14	46	3	0	0	4
Central counterparties	2	0	0	0	1	0	...	...	0
Non-financial customers	45	11	24	1	7	1	0	0	1
Options sold (gross basis)	1,173	290	682	70	115	5	0	1	9
Reporting dealers	991	232	596	61	93	3	0	0	6
Other financial institutions	166	52	79	9	22	2	0	0	2
Central counterparties	1	0	0	...	1	0	...	...	0
Non-financial customers	16	6	8	1	1	0	0	0	1
Options bought (gross basis)	1,180	279	693	66	129	4	0	1	8
Reporting dealers	996	232	597	60	98	3	0	0	5
Other financial institutions	154	42	80	6	24	1	0	0	2
Central counterparties	1	0	0	0	0	0	...	...	–
Non-financial customers	30	6	16	0	6	1	0	0	1
Herfindahl indices									
FRAs	613	740	601	1,694	1,141	1,519	2,778	996	...
Between reporters	791	2,199	3,487	8,494	1,642	3,143	8,012	956	...
With non-reporters	623	736	609	1,798	1,141	1,519	3,871	1,102	...
Swaps	461	599	472	618	821	1,384	1,026	1,047	...
Between reporters	442	599	422	515	711	904	1,046	1,507	...
With non-reporters	482	607	502	639	835	1,735	1,035	1,078	...
Total options	641	771	650	777	884	952	3,132	2,592	...
Between reporters	640	776	665	767	869	889	1,961	3,381	...
With non-reporters	722	836	772	1,002	1,112	1,455	3,933	4,534	...

OTC, equity-linked derivatives

In billions of US dollars

Table D8

	Total	US equities	European equities	Japanese equities	Other Asian equities	Latin American equities	Other
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Notional amounts outstanding							
Total equity-linked contracts	6,631	2,944	2,204	306	339	153	686
Forwards and swaps	2,537	877	998	120	151	94	298
Reporting dealers	556	175	301	26	11	3	40
Other financial institutions	1,741	613	634	72	119	90	212
Central counterparties	21	6	14	0	0	0	1
Non-financial customers	241	89	63	21	20	1	46
Total options	4,094	2,067	1,206	186	188	59	388
Reporting dealers	1,813	849	625	96	73	1	168
Other financial institutions	1,987	1,079	496	82	105	52	173
Central counterparties	24	18	4	0	0	0	2
Non-financial customers	294	140	85	7	10	6	47
Options sold (gross basis)	3,448	1,711	1,115	147	122	39	313
Reporting dealers	1,989	935	705	93	66	1	190
Other financial institutions	1,299	706	360	51	51	35	97
Central counterparties	6	3	2	...	0	0	0
Non-financial customers	159	70	51	3	5	4	26
Options bought (gross basis)	2,459	1,205	716	134	139	21	244
Reporting dealers	1,636	762	545	99	81	2	147
Other financial institutions	688	373	137	31	54	17	76
Central counterparties	18	16	1	0	0	0	1
Non-financial customers	134	70	34	4	4	2	20
Gross market values							
Total equity-linked contracts	515	215	147	36	20	10	87
Forwards and swaps	172	57	67	11	9	7	20
Reporting dealers	32	10	16	3	1	0	2
Other financial institutions	114	40	40	5	7	6	15
Central counterparties	0	0	0	...	...	0	0
Non-financial customers	25	6	11	2	2	1	3
Total options	343	158	80	25	11	3	66
Reporting dealers	142	75	36	15	3	0	13
Other financial institutions	156	61	31	9	7	2	46
Central counterparties	1	1	0	...	0	0	...
Non-financial customers	45	22	13	1	1	1	7
Options sold (gross basis)	260	122	63	22	9	2	42
Reporting dealers	146	75	40	15	3	0	13
Other financial institutions	92	34	19	7	5	1	25
Central counterparties	0	0	0	...	0	0	...
Non-financial customers	23	13	4	0	0	1	4
Options bought (gross basis)	229	111	57	18	5	1	37
Reporting dealers	142	75	36	15	3	0	13
Other financial institutions	65	27	11	3	2	1	21
Central counterparties	1	1	0	...	0	...	...
Non-financial customers	22	9	9	0	1	0	3
Herfindahl indices							
Forwards and swaps	718	980	718	1,141	1,201	3,802	...
Between reporters	683	971	794	1,219	1,840	3,025	...
With non-reporters	829	1,097	843	1,369	1,240	4,155	...
Total options	1,063	1,380	1,021	1,035	1,684	3,766	...
Between reporters	1,601	2,686	1,309	1,164	2,818	3,357	...
With non-reporters	771	818	737	1,105	1,634	4,124	...

OTC derivatives by maturity

Notional amounts outstanding, in billions of US dollars

Table D9

	Total	One year or less	Over one year up to five years	Over five years
	H1 2016	H1 2016	H1 2016	H1 2016
Total foreign exchange contracts	74,036	59,066	10,554	4,415
Outright forwards, forex swaps and currency swaps	62,338	49,226	9,057	4,055
Reporting dealers	26,543	20,000	4,482	2,061
Other financial institutions	27,961	23,771	2,963	1,226
Central counterparties	345	338	6	0
Non-financial customers	7,834	5,455	1,612	767
Total options	11,697	9,840	1,497	360
Reporting dealers	5,576	4,510	819	247
Other financial institutions	4,986	4,426	466	94
Central counterparties	1	1	0	...
Non-financial customers	1,135	904	212	19
Options sold (gross basis)	8,693	7,199	1,179	315
Reporting dealers	5,574	4,496	831	247
Other financial institutions	2,573	2,261	250	61
Central counterparties	1	1	0	...
Non-financial customers	547	441	98	8
Options bought (gross basis)	8,580	7,151	1,137	292
Reporting dealers	5,578	4,523	807	248
Other financial institutions	2,414	2,165	216	33
Central counterparties	1	1	0	...
Non-financial customers	588	463	114	12
Total FX contracts including gold	74,374	59,360	10,593	4,421
Total interest rate contracts	418,082	188,834	132,905	96,320
Forwards and swaps	383,316	177,947	117,735	87,634
Reporting dealers	26,766	7,732	10,797	8,237
Other financial institutions	347,316	168,197	103,006	76,114
Central counterparties	319,162	159,138	93,081	66,942
Non-financial customers	9,234	2,018	3,932	3,283
Total options	34,743	10,888	15,169	8,686
Reporting dealers	20,495	5,943	8,834	5,718
Other financial institutions	12,402	4,448	5,379	2,575
Central counterparties	53	23	10	20
Non-financial customers	1,846	496	957	393
Options sold (gross basis)	28,105	8,742	12,227	7,136
Reporting dealers	20,452	5,993	8,854	5,605
Other financial institutions	6,475	2,444	2,709	1,323
Central counterparties	36	20	5	10
Non-financial customers	1,178	306	663	208
Options bought (gross basis)	27,134	8,089	11,777	7,268
Reporting dealers	20,539	5,894	8,814	5,831
Other financial institutions	5,926	2,005	2,670	1,252
Central counterparties	18	3	5	10
Non-financial customers	668	190	293	185
Total equity-linked contracts	6,631	4,224	2,044	363
Forwards and swaps	2,537	1,652	723	162
Reporting dealers	556	389	140	27
Other financial institutions	1,741	1,094	518	128
Central counterparties	21	21	0	0
Non-financial customers	241	169	65	7
Total options	4,094	2,572	1,321	201
Reporting dealers	1,813	1,095	654	63
Other financial institutions	1,987	1,319	559	109
Central counterparties	24	20	4	0
Non-financial customers	294	158	108	28
Options sold (gross basis)	3,448	2,128	1,165	155
Reporting dealers	1,989	1,182	740	67
Other financial institutions	1,299	858	368	73
Central counterparties	6	3	3	0
Non-financial customers	159	88	57	14
Options bought (gross basis)	2,459	1,539	811	109
Reporting dealers	1,636	1,008	569	59
Other financial institutions	688	461	191	36
Central counterparties	18	17	1	0
Non-financial customers	134	70	51	14

OTC, credit default swaps, by type of position

In billions of US dollars

Table D10.1

	Total	Reporting dealers	Other financial institutions							Non-financial institutions
			Total	CCPs	Banks and securities firms	Insurance and financial guaranty firms	SPVs, SPCs and SPEs	Hedge funds	Other	
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Total CDS contracts										
Notional amounts outstanding	11,777	5,100	6,518	4,386	635	162	153	549	633	159
Bought (gross basis)	8,636	5,122	3,424	2,233	379	100	107	235	371	90
Sold (gross basis)	8,241	5,079	3,093	2,153	256	62	45	314	263	68
Gross market values	342	156	181	102	17	5	6	28	22	5
Positive (gross basis)	251	156	93	52	8	4	3	12	13	3
Negative (gross basis)	245	154	88	50	9	1	3	16	10	3
Net market values	97	33	60	20	7	4	4	13	12	4
Positive (gross basis)	68	33	33	11	3	3	2	5	7	2
Negative (gross basis)	61	31	28	9	3	1	2	8	5	2
Single-name instruments										
Notional amounts outstanding	6,620	3,535	3,024	1,962	387	55	70	292	258	61
Bought (gross basis)	5,133	3,531	1,562	983	246	38	52	95	147	40
Sold (gross basis)	5,022	3,540	1,462	979	141	17	17	197	111	21
Gross market values	215	106	106	64	11	3	4	13	11	3
Positive (gross basis)	164	106	57	33	5	3	2	6	7	2
Negative (gross basis)	158	108	50	31	5	1	2	7	4	1
Multi-name instruments										
Notional amounts outstanding	5,156	1,565	3,494	2,424	248	107	83	257	375	97
Bought (gross basis)	3,503	1,591	1,862	1,249	133	61	55	140	224	50
Sold (gross basis)	3,218	1,539	1,632	1,175	115	46	28	117	152	47
Gross market values	127	49	75	38	6	2	2	15	11	3
Positive (gross basis)	87	49	36	19	3	2	1	6	5	1
Negative (gross basis)	87	47	39	19	3	1	1	9	6	1
Of which: index products										
Notional amounts outstanding	4,836	1,431	3,323	2,422	195	94	43	219	351	82
Bought (gross basis)	3,211	1,446	1,728	1,248	98	49	20	109	205	37
Sold (gross basis)	3,057	1,417	1,595	1,174	97	45	23	110	146	45

OTC, credit default swaps, by rating category

Notional amounts outstanding, in billions of US dollars

Table D10.2

	Total	Reporting dealers	Other financial institutions							Non-financial institutions
			Total	CCPs	Banks and securities firms	Insurance and financial guaranty firms	SPVs, SPCs and SPEs	Hedge funds	Other	
			H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	
Total CDS contracts										
Investment grade	8,075	3,496	4,502	3,166	434	96	90	329	387	78
Bought (gross basis)	5,951	3,544	2,360	1,615	272	59	54	138	223	47
Sold (gross basis)	5,620	3,448	2,142	1,552	162	38	36	191	164	30
AAA/AA	979	606	358	116	97	21	18	55	51	14
Bought (gross basis)	852	633	211	57	71	15	12	26	30	8
Sold (gross basis)	732	578	147	59	26	6	6	29	21	7
A/BBB	7,097	2,891	4,143	3,050	337	75	71	273	336	63
Bought (gross basis)	5,099	2,911	2,149	1,558	201	43	42	112	193	39
Sold (gross basis)	4,888	2,870	1,995	1,492	136	32	29	162	143	24
Below investment grade	2,086	899	1,158	734	85	22	18	153	146	30
Bought (gross basis)	1,493	893	585	363	47	15	12	65	83	16
Sold (gross basis)	1,491	905	573	371	38	7	7	87	63	14
Non-rated	1,616	705	859	486	116	43	45	68	100	52
Bought (gross basis)	1,192	685	480	255	60	26	42	32	65	27
Sold (gross basis)	1,129	726	379	231	57	17	3	35	36	25
Single-name instruments										
Investment grade	4,839	2,582	2,215	1,478	305	36	53	169	173	43
Bought (gross basis)	3,758	2,584	1,146	738	196	23	41	52	96	28
Sold (gross basis)	3,662	2,579	1,068	740	109	13	13	117	77	15
AAA/AA	737	466	261	103	78	10	10	29	32	10
Bought (gross basis)	613	463	144	50	55	7	6	8	18	5
Sold (gross basis)	590	469	117	52	23	3	4	21	14	4
A/BBB	4,102	2,115	1,954	1,375	227	26	44	140	141	33
Bought (gross basis)	3,145	2,121	1,002	688	141	17	35	44	78	23
Sold (gross basis)	3,072	2,110	952	687	86	10	9	96	63	11
Below investment grade	1,332	682	642	411	53	7	12	105	54	8
Bought (gross basis)	1,005	686	315	205	30	5	7	38	30	4
Sold (gross basis)	1,009	678	327	207	23	2	4	67	24	4
Non-rated	450	272	167	73	29	12	5	18	31	11
Bought (gross basis)	370	261	101	41	20	10	4	5	21	8
Sold (gross basis)	351	283	66	33	9	2	0	13	9	2
Multi-name instruments										
Investment grade	3,236	915	2,287	1,689	129	60	36	159	214	35
Bought (gross basis)	2,193	960	1,214	877	76	35	13	85	127	20
Sold (gross basis)	1,958	869	1,073	812	53	25	23	74	87	15
AAA/AA	242	140	97	14	19	11	9	26	19	5
Bought (gross basis)	240	170	67	7	16	8	6	18	12	3
Sold (gross basis)	142	109	30	7	3	3	3	8	7	2
A/BBB	2,994	775	2,189	1,675	110	49	27	133	195	30
Bought (gross basis)	1,954	790	1,146	870	60	27	7	67	115	17
Sold (gross basis)	1,816	760	1,043	805	50	22	20	66	80	13
Below investment grade	754	217	515	323	31	15	6	47	92	22
Bought (gross basis)	488	207	269	159	17	10	4	27	53	12
Sold (gross basis)	483	227	246	164	15	5	2	21	39	10
Non-rated	1,166	433	692	412	87	32	40	50	70	41
Bought (gross basis)	821	423	379	214	40	16	38	28	44	19
Sold (gross basis)	778	443	312	199	48	15	2	22	26	22

OTC, credit default swaps, by remaining maturity

Notional amounts outstanding, in billions of US dollars

Table D10.3

	Total	Reporting dealers	Other financial institutions							Non-financial institutions
			Total	CCPs	Banks and securities firms	Insurance and financial guaranty firms	SPVs, SPCs and SPEs	Hedge funds	Other	
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Total CDS contracts										
One year or less	2,811	1,619	1,171	766	192	26	45	70	71	21
Bought (gross basis)	2,267	1,619	635	385	114	20	41	27	46	14
Sold (gross basis)	2,163	1,619	536	380	78	6	4	42	25	7
Over one year up to five years	8,199	3,197	4,884	3,375	395	114	94	422	484	118
Bought (gross basis)	5,792	3,210	2,519	1,722	230	62	54	181	270	64
Sold (gross basis)	5,604	3,185	2,365	1,653	165	52	39	241	214	54
Over five years	767	284	463	245	48	21	14	57	78	20
Bought (gross basis)	577	293	271	126	35	17	12	27	55	13
Sold (gross basis)	474	275	192	119	13	4	2	31	23	7
Single-name instruments										
One year or less	1,896	1,155	729	495	124	12	8	45	46	12
Bought (gross basis)	1,533	1,148	377	247	75	8	6	12	28	7
Sold (gross basis)	1,518	1,161	353	247	49	4	2	32	19	4
Over one year up to five years	4,360	2,211	2,108	1,374	230	32	55	235	183	40
Bought (gross basis)	3,308	2,213	1,070	688	146	21	40	77	98	25
Sold (gross basis)	3,263	2,210	1,038	686	84	11	15	158	85	14
Over five years	365	170	186	94	34	11	7	12	28	9
Bought (gross basis)	292	170	115	48	25	9	6	6	21	7
Sold (gross basis)	242	169	71	46	9	2	1	7	7	2
Multi-name instruments										
One year or less	915	465	441	271	68	14	37	25	25	9
Bought (gross basis)	734	470	258	138	39	12	35	15	19	6
Sold (gross basis)	645	459	183	133	30	2	2	10	6	3
Over one year up to five years	3,839	986	2,775	2,002	165	82	39	187	300	78
Bought (gross basis)	2,484	997	1,449	1,034	84	41	14	104	171	38
Sold (gross basis)	2,341	975	1,327	968	81	41	24	83	129	40
Over five years	402	115	277	151	14	11	7	45	50	10
Bought (gross basis)	285	124	156	77	10	8	5	21	34	6
Sold (gross basis)	232	105	122	74	4	2	1	24	16	5

OTC, credit default swaps, by sector of reference

Notional amounts outstanding, in billions of US dollars

Table D10.4

	Total	Reporting dealers	Other financial institutions							Non-financial institutions
			Total	CCPs	Banks and securities firms	Insurance and financial guaranty firms	SPVs, SPCs and SPEs	Hedge funds	Other	
			H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	
Total CDS contracts										
Sovereigns	1,864	1,102	743	438	144	13	11	69	68	19
Bought (gross basis)	1,502	1,103	387	219	91	7	7	25	38	12
Sold (gross basis)	1,464	1,102	356	219	53	6	3	45	29	6
Financial firms	2,243	1,199	1,028	587	150	24	49	82	135	16
Bought (gross basis)	1,751	1,194	547	296	95	16	21	32	87	10
Sold (gross basis)	1,691	1,204	481	291	56	8	28	50	49	7
Non-financial firms	4,007	1,777	2,191	1,515	187	49	44	199	196	40
Bought (gross basis)	2,924	1,767	1,132	768	116	30	39	70	109	25
Sold (gross basis)	2,859	1,786	1,058	747	72	19	5	129	87	15
Securitised products and multiple sectors	3,663	1,022	2,557	1,845	154	75	50	199	234	84
Bought (gross basis)	2,459	1,058	1,358	950	77	46	40	108	137	43
Sold (gross basis)	2,226	987	1,198	896	76	28	10	91	98	41
ABS & MBS	139	59	76	—	8	5	6	39	19	4
Bought (gross basis)	113	62	47	—	5	4	2	24	13	3
Sold (gross basis)	86	56	29	—	3	1	4	15	6	1
Other securitised products	80	40	35	15	6	0	0	8	6	5
Bought (gross basis)	68	41	22	8	3	0	0	5	5	4
Sold (gross basis)	53	40	13	7	2	—	—	3	1	0
Multiple sectors	3,443	923	2,445	1,830	140	69	44	153	209	75
Bought (gross basis)	2,279	955	1,288	942	69	42	38	79	119	35
Sold (gross basis)	2,087	891	1,156	888	71	28	6	73	90	40
Single-name instruments										
Sovereigns	1,828	1,083	728	434	137	13	10	68	65	18
Bought (gross basis)	1,472	1,084	376	218	85	7	6	24	36	12
Sold (gross basis)	1,438	1,081	351	216	52	6	3	44	29	6
Financial firms	1,463	929	521	264	93	13	22	54	76	13
Bought (gross basis)	1,220	924	287	134	63	10	12	18	50	9
Sold (gross basis)	1,172	934	234	130	30	3	9	36	26	4
Non-financial firms	3,329	1,524	1,775	1,264	157	29	39	170	117	30
Bought (gross basis)	2,441	1,523	899	632	98	21	34	54	61	20
Sold (gross basis)	2,412	1,525	876	632	59	8	5	117	56	10
Multi-name instruments										
Sovereigns	36	20	15	4	7	0	1	1	2	1
Bought (gross basis)	30	19	11	1	6	0	1	1	2	0
Sold (gross basis)	26	21	5	3	0	0	—	1	0	0
Financial firms	780	270	507	323	57	11	27	28	60	3
Bought (gross basis)	531	270	260	162	32	6	9	15	37	1
Sold (gross basis)	519	270	246	161	25	5	18	14	23	2
Non-financial firms	678	253	415	251	30	21	5	28	79	10
Bought (gross basis)	483	244	233	136	18	9	5	16	48	6
Sold (gross basis)	447	261	182	115	12	12	0	12	31	4
Securitised products and multiple sectors	3,663	1,022	2,557	1,845	154	75	50	199	234	84
Bought (gross basis)	2,459	1,058	1,358	950	77	46	40	108	137	43
Sold (gross basis)	2,226	987	1,198	896	76	28	10	91	98	41
ABS & MBS	139	59	76	—	8	5	6	39	19	4
Bought (gross basis)	113	62	47	—	5	4	2	24	13	3
Sold (gross basis)	86	56	29	—	3	1	4	15	6	1
Other securitised products	80	40	35	15	6	0	0	8	6	5
Bought (gross basis)	68	41	22	8	3	0	0	5	5	4
Sold (gross basis)	53	40	13	7	2	—	—	3	1	0
Multiple Sectors	3,443	923	2,445	1,830	140	69	44	153	209	75
Bought (gross basis)	2,279	955	1,288	942	69	42	38	79	119	35
Sold (gross basis)	2,087	891	1,156	888	71	28	6	73	90	40

OTC, credit default swaps, by location of counterparty

Notional amounts outstanding, in billions of US dollars

Table D10.5

	All locations	Home country	Abroad						
			Total	US	European developed countries	Japan	Other Asian countries	Latin America	All other countries
	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016	H1 2016
Total	11,777	2,892	8,885	2,450	5,483	133	104	325	389
Bought (gross basis)	8,636	2,092	6,545	1,728	4,233	128	70	145	242
Sold (gross basis)	8,241	2,012	6,229	1,628	4,085	98	46	182	190
With reporting dealers	5,100	1,211	3,889	906	2,835	92	12	2	44
Bought (gross basis)	5,122	1,197	3,925	914	2,848	105	11	1	46
Sold (gross basis)	5,079	1,225	3,854	897	2,822	80	13	2	41
With non-reporters	6,676	1,681	4,995	1,545	2,649	41	93	323	345
Bought (gross basis)	3,515	895	2,620	814	1,385	23	59	143	196
Sold (gross basis)	3,162	786	2,375	731	1,264	18	33	180	150

Turnover of OTC foreign exchange instruments, April 2016

Daily averages, in billions of US dollars

Table D11.1

Instrument, currency, counterparty and country	Total	Spot transactions	Outright forwards	Foreign exchange swaps	Currency swaps	FX options
	2016	2016	2016	2016	2016	2016
Total, "net-net" basis	5,067	1,652	700	2,378	82	254
By currency						
USD	4,438	1,385	600	2,160	74	218
EUR	1,591	519	178	807	22	64
JPY	1,096	395	151	458	18	74
GBP	649	211	92	305	10	30
AUD	348	143	41	138	7	20
CAD	260	105	34	103	4	14
CHF	243	57	30	150	2	5
CNY	202	68	28	86	3	18
SEK	112	34	13	59	1	5
Other currencies	1,195	388	232	490	23	61
By counterparty						
With reporting dealers	2,121	605	189	1,205	38	84
Local	673	204	59	374	14	23
Cross-border	1,447	402	130	831	24	61
With other financial institutions	2,564	930	431	1,026	37	141
Local	901	334	158	344	13	52
Cross-border	1,664	596	273	682	24	89
Non-reporting banks	1,113	354	136	564	18	42
Institutional investors	798	290	171	278	6	52
Hedge funds and PTFs	389	200	82	66	9	32
Official sector	74	14	14	43	2	1
Other	182	68	26	72	3	13
Undistributed	8	3	1	4	0	0
With non-financial customers	382	117	80	147	7	30
Local	224	82	55	66	3	17
Cross-border	158	35	25	81	4	13
Of which: prime-brokered	887	564	119	143	3	58
Of which: retail-driven	283	60	22	178	3	19
By execution method						
Voice direct	1,410	410	258	590	29	123
Voice indirect	755	142	61	473	18	62
Electronic direct	1,666	704	227	679	17	40
Electronic indirect	1,126	373	139	574	14	25
undistributed	110	23	16	63	4	4
Total, "net-gross" basis	6,514	2,054	830	3,209	106	315
By country						
United Kingdom	2,406	784	266	1,161	53	142
United States	1,272	581	219	391	7	74
Singapore	517	122	105	248	6	37
Hong Kong SAR	437	92	44	276	12	13
Japan	399	110	63	206	6	15
France	181	23	15	137	2	4
Switzerland	156	25	8	116	0	6
Australia	121	27	10	81	3	1
Germany	116	23	6	85	1	1
Other countries	909	268	94	509	16	22

Turnover of OTC foreign exchange instruments, by country

"Net-gross" basis, April 1995–2016 daily averages, in billions of US dollars

Table D11.2

	1995	1998	2001	2004	2007	2010	2013	2016
Argentina	...	2	...	1	1	2	1	1
Australia	41	48	54	107	176	192	182	121
Austria	13	12	8	15	19	20	15	19
Bahrain	3	3	3	3	3	5	9	6
Belgium	29	27	10	21	50	33	22	23
Brazil	...	5	6	4	6	14	17	20
Bulgaria	...	...	...	...	1	1	2	2
Canada	31	38	44	59	64	62	65	86
Chile	...	1	2	2	4	6	12	7
China	...	0	...	1	9	20	44	73
Chinese Taipei	...	5	5	9	16	18	26	27
Colombia	...	...	0	1	2	3	3	4
Czech Republic	...	5	2	2	5	5	5	4
Denmark	32	28	24	42	88	120	117	101
Estonia	...	...	...	0	1	1	0	...
Finland	5	4	2	2	8	31	15	14
France	62	77	50	67	127	152	190	181
Germany	79	100	91	120	101	109	111	116
Greece	3	7	5	4	5	5	3	1
Hong Kong SAR	91	80	68	106	181	238	275	437
Hungary	...	1	1	3	7	4	4	3
India	...	2	3	7	38	27	31	34
Indonesia	...	2	4	2	3	3	5	5
Ireland	5	11	9	7	11	15	11	2
Israel	...	...	1	5	8	10	8	8
Italy	24	29	18	23	38	29	24	18
Japan	168	146	153	207	250	312	374	399
Korea	...	4	10	21	35	44	48	48
Latvia	...	...	...	2	3	2	2	1
Lithuania	...	...	...	1	1	1	1	0
Luxembourg	19	23	13	15	44	33	51	37
Malaysia	...	1	1	2	3	7	11	8
Mexico	...	9	9	15	15	17	32	20
Netherlands	27	43	31	52	25	18	112	85
New Zealand	7	7	4	7	13	9	12	10
Norway	8	9	13	14	32	22	21	40
Peru	...	...	0	0	1	1	2	1
Philippines	...	1	1	1	2	5	4	3
Poland	...	3	5	7	9	8	8	9
Portugal	2	4	2	2	4	4	4	2
Romania	...	...	...	...	3	3	3	3
Russia	...	7	10	30	50	42	61	45
Saudi Arabia	...	2	2	2	4	8	7	8
Singapore	107	145	104	134	242	266	383	517
Slovakia	...	...	1	2	3	0	1	2
Slovenia	...	...	0	0	0	...	...	...
South Africa	5	9	10	10	14	14	21	21
Spain	18	20	8	14	17	29	43	33
Sweden	20	16	25	32	44	45	44	42
Switzerland	88	92	76	85	254	249	216	156
Thailand	...	3	2	3	6	7	13	11
Turkey	...	...	1	3	4	17	27	22
United Kingdom	479	685	542	835	1,483	1,854	2,726	2,406
United States	266	383	273	499	745	904	1,263	1,272
Total	1,633	2,099	1,705	2,608	4,281	5,045	6,686	6,514

Turnover of OTC foreign exchange instruments, by currency

"Net-net" basis, April 1998–2016 daily averages, in billions of US dollars and percentage share

Table D11.3

	1998		2001		2004		2007		2010		2013		2016	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
USD	1,325	87	1,114	90	1,702	88	2,845	86	3,371	85	4,662	87	4,438	88
EUR	...	...	470	38	724	37	1,231	37	1,551	39	1,790	33	1,591	31
JPY	332	22	292	24	403	21	573	17	754	19	1,235	23	1,096	22
GBP	168	11	162	13	319	16	494	15	512	13	633	12	649	13
AUD	46	3	54	4	116	6	220	7	301	8	463	9	348	7
CAD	54	4	56	4	81	4	143	4	210	5	244	5	260	5
CHF	108	7	74	6	117	6	227	7	250	6	276	5	243	5
CNY	0	0	0	0	2	0	15	0	34	1	120	2	202	4
SEK	5	0	31	2	42	2	90	3	87	2	94	2	112	2
NZD	3	0	7	1	21	1	63	2	63	2	105	2	104	2
MXN	7	0	10	1	21	1	44	1	50	1	135	3	97	2
SGD	17	1	13	1	18	1	39	1	56	1	75	1	91	2
HKD	15	1	28	2	34	2	90	3	94	2	77	1	88	2
NOK	4	0	18	1	27	1	70	2	52	1	77	1	85	2
KRW	2	0	10	1	22	1	38	1	60	2	64	1	84	2
TRY	...	...	0	0	2	0	6	0	29	1	71	1	73	1
RUB	5	0	4	0	12	1	25	1	36	1	86	2	58	1
INR	1	0	3	0	6	0	24	1	38	1	53	1	58	1
BRL	3	0	6	0	5	0	13	0	27	1	59	1	51	1
ZAR	6	0	12	1	14	1	30	1	29	1	60	1	49	1
DKK	4	0	15	1	17	1	28	1	23	1	42	1	42	1
PLN	1	0	6	0	7	0	25	1	32	1	38	1	35	1
TWD	2	0	3	0	8	0	12	0	19	0	24	0	32	1
THB	2	0	2	0	4	0	6	0	8	0	17	0	18	0
MYR	1	0	1	0	1	0	4	0	11	0	21	0	18	0
HUF	1	0	0	0	4	0	9	0	17	0	23	0	15	0
SAR	1	0	1	0	1	0	2	0	3	0	5	0	15	0
CZK	4	0	2	0	3	0	7	0	8	0	19	0	14	0
ILS	...	...	1	0	2	0	5	0	6	0	10	0	14	0
CLP	1	0	2	0	2	0	4	0	7	0	16	0	12	0
IDR	1	0	1	0	2	0	4	0	6	0	9	0	10	0
COP	...	...	0	0	1	0	2	0	4	0	6	0	8	0
PHP	0	0	1	0	1	0	4	0	7	0	8	0	7	0
RON	...	...	...	...	...	...	2	0	3	0	7	0	5	0
PEN	...	...	0	0	0	0	1	0	1	0	3	0	4	0
ARS	2	0	...	...	1	0	1	0	2	0	1	0	2	0
BGN	...	...	...	...	...	...	0	0	1	0	1	0	1	0
BHD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LTL	...	...	...	...	0	0	1	0	1	0	0	0	0	...
LVL	...	...	...	...	0	0	0	0	0	0	0	0	0	...
DEM	465	30	...	...	...	...	...	...	...	...	...	...	...	...
FRF	76	5	...	...	...	...	...	...	...	...	...	...	...	...
XEU	21	1	...	...	...	...	...	...	...	...	...	...	...	...
ITL	16	1	...	...	...	...	...	...	...	...	...	...	...	...
NLG	14	1	...	...	...	...	...	...	...	...	...	...	...	...
BEF	9	1	...	...	...	...	...	...	...	...	...	...	...	...
ESP	9	1	...	...	...	...	...	...	...	...	...	...	...	...
GRD	4	0	...	...	...	...	...	...	...	...	...	...	...	...
IEP	2	0	...	...	...	...	...	...	...	...	...	...	...	...
ATS	2	0	...	...	...	...	...	...	...	...	...	...	...	...
PTE	2	0	...	...	...	...	...	...	...	...	...	...	...	...
FIM	2	0	...	...	...	...	...	...	...	...	...	...	...	...
LUF	1	0	...	...	...	...	...	...	...	...	...	...	...	...
Other currencies	307	20	81	7	127	7	252	8	183	5	83	2	103	2
Total	1,527	200	1,239	200	1,934	200	3,324	200	3,973	200	5,357	200	5,067	200

Turnover of OTC single currency interest rate derivatives, April 2016

Daily averages, in billions of US dollars

Table D12.1

Instrument, currency, counterparty and country	All products	Forward rate agreements	Swaps	Total options	Other products
	2016	2016	2016	2016	2016
Total – “net-net” basis	2,677	653	1,859	163	3
By currency					
USD	1,357	341	898	117	...
EUR	641	170	445	26	...
GBP	237	91	138	8	...
AUD	108	2	105	2	...
JPY	83	0	76	7	...
CAD	39	0	38	0	...
NZD	26	0	26	0	...
MXN	26	...	25	0	...
SEK	19	10	9	1	...
ZAR	16	12	3	1	...
NOK	15	4	11	0	...
CHF	14	5	9	0	...
KRW	13	...	12	1	...
SGD	12	0	12	...	...
Other currencies	73	17	52	1	...
By counterparty					
With reporting dealers	693	171	461	61	...
Local	332	104	207	21	...
Cross-border	361	68	253	40	...
With other financial institutions	1,772	475	1,204	93	...
Local	525	99	388	38	...
Cross-border	1,247	376	816	55	...
With non-financial customers	210	7	194	9	...
Local	33	1	30	3	...
Cross-border	176	6	165	5	...
Total – “net-gross” basis	3,039	721	2,112	203	3
By country					
United States	1,241	242	898	100	0
United Kingdom	1,180	375	757	45	3
France	141	35	99	7	...
Hong Kong SAR	110	3	74	32	0
Singapore	58	2	56	1	0
Australia	56	4	51	1	...
Japan	56	1	47	8	0
Canada	33	3	29	1	...
Germany	31	12	18	1	...
Netherlands	22	9	13	0	...
Belgium	17	7	6	4	...
Italy	14	3	11	0	...
Sweden	14	9	5	0	...
Denmark	10	3	6	1	0
Other countries	57	14	40	2	0

Turnover of OTC single currency interest rate derivatives, by country

"Net-gross" basis, April 1995–2016 daily averages, in billions of US dollars

Table D12.2

	1995	1998	2001	2004	2007	2010	2013	2016
Argentina	...	...	...	...	...	...	0	0
Australia	3	3	10	13	23	41	66	56
Austria	2	3	4	14	5	5	1	1
Bahrain	4	0	0	0	0	0	0	1
Belgium	6	5	14	31	22	10	9	17
Brazil	...	...	0	1	0	7	4	1
Bulgaria	...	...	...	...	0	0	0	0
Canada	4	6	10	12	21	42	34	33
Chile	...	...	...	0	0	0	0	0
China	...	...	...	...	...	2	13	4
Chinese Taipei	...	0	0	2	1	2	1	1
Colombia	...	...	...	...	0	0	0	0
Czech Republic	...	...	0	1	1	0	0	0
Denmark	3	4	6	11	10	16	59	10
Estonia	...	...	...	...	0	0	0	...
Finland	2	2	1	0	3	1	2	2
France	19	41	65	151	176	193	146	141
Germany	11	29	94	43	90	48	101	31
Greece	0	0	0	0	0	0	0	0
Hong Kong SAR	4	2	3	11	17	18	28	110
Hungary	...	0	0	0	1	0	0	0
India	...	...	0	1	3	3	3	2
Indonesia	...	...	0	0	0	0	0	0
Ireland	1	2	6	12	7	7	3	1
Israel	...	...	...	...	...	...	0	0
Italy	2	4	24	38	30	27	24	14
Japan	26	32	16	31	76	90	67	56
Korea	...	0	0	1	5	11	8	7
Latvia	...	...	...	...	...	...	...	...
Lithuania	...	...	...	0	0	0	0	0
Luxembourg	2	2	4	7	3	2	0	0
Malaysia	...	0	0	0	0	0	0	0
Mexico	...	0	0	1	3	1	2	1
Netherlands	4	4	24	19	27	61	29	22
New Zealand	0	0	0	1	3	2	3	5
Norway	1	3	3	5	7	12	6	4
Peru	...	...	...	...	0	0	0	...
Philippines	...	...	...	0	0	1	0	0
Poland	...	...	0	1	3	2	3	2
Portugal	0	1	0	1	1	1	1	0
Romania	...	...	...	...	0	0	0	0
Russia	...	...	...	...	...	...	0	0
Saudi Arabia	...	0	0	0	0	0	0	1
Singapore	16	5	3	9	57	35	37	58
Slovakia	...	...	0	...	...	0	0	0
Slovenia	...	...	...	...	0	...	...	...
South Africa	0	1	1	3	4	6	11	9
Spain	3	3	20	12	17	31	14	6
Sweden	2	4	3	7	12	18	17	14
Switzerland	2	6	10	12	61	75	33	8
Thailand	...	...	0	0	0	1	1	0
Turkey	...	...	...	0	0	0	0	0
United Kingdom	59	123	238	563	957	1,235	1,348	1,180
United States	32	58	116	317	525	642	628	1,241
Total	209	344	676	1,330	2,173	2,649	2,702	3,039

Turnover of OTC single currency interest rate derivatives, by currency

"Net-net" basis, April 1998–2016 daily averages, in billions of US dollars and percentage share

Table D12.3

	1998		2001		2004		2007		2010		2013		2016	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
USD	71	27	152	31	347	34	532	32	654	32	639	28	1,357	51
EUR	...	...	232	47	461	45	656	39	834	41	1,133	49	641	24
GBP	17	6	37	8	90	9	172	10	213	10	187	8	237	9
AUD	3	1	8	2	12	1	19	1	37	2	76	3	108	4
JPY	27	10	27	6	46	5	137	8	124	6	69	3	83	3
CAD	7	3	6	1	8	1	15	1	48	2	30	1	39	1
NZD	0	0	0	0	2	0	7	0	4	0	5	0	26	1
MXN	0	0	0	0	2	0	5	0	5	0	10	0	26	1
SEK	2	1	5	1	13	1	33	2	20	1	36	2	19	1
ZAR	1	0	0	0	2	0	3	0	5	0	16	1	16	1
NOK	2	1	3	1	8	1	8	0	15	1	9	0	15	1
CHF	9	4	6	1	10	1	19	1	20	1	14	1	14	1
KRW	...	...	0	0	0	0	5	0	16	1	12	1	13	0
SGD	0	0	0	0	3	0	4	0	4	0	4	0	12	0
CNY	...	...	...	...	...	...	0	0	2	0	14	1	10	0
HUF	...	...	0	0	0	0	1	0	0	0	2	0	8	0
BRL	...	...	0	0	1	0	2	0	3	0	16	1	7	0
INR	...	...	0	0	0	0	3	0	2	0	6	0	6	0
PLN	...	...	0	0	1	0	2	0	1	0	7	0	6	0
HKD	1	0	1	0	4	0	9	1	3	0	2	0	5	0
CLP	...	...	...	...	...	...	0	0	0	0	1	0	4	0
MYR	0	0	0	0	0	0	0	0	0	0	2	0	3	0
THB	...	...	0	0	0	0	0	0	1	0	3	0	2	0
DKK	2	1	5	1	2	0	1	0	2	0	4	0	2	0
TWD	0	0	0	0	0	0	1	0	1	0	1	0	2	0
COP	...	...	...	...	...	...	0	0	0	0	0	0	1	0
CZK	...	...	0	0	0	0	1	0	0	0	1	0	1	0
ILS	...	...	...	...	...	...	0	0	0	0	2	0	1	0
SAR	0	0	0	0	0	0	0	0	0	0	0	0	1	0
IDR	...	...	0	0	0	0	0	0	0	0	0	0	0	0
RON	...	...	...	...	...	...	...	...	0	0	0	0	0	0
RUB	...	...	...	...	...	...	0	0	0	0	0	0	0	0
ARS	...	...	...	...	...	...	...	...	...	...	0	0	0	0
TRY	...	...	...	...	...	...	0	0	0	0	0	0	0	0
PHP	...	...	...	...	0	0	0	0	1	0	0	0	0	0
PEN	...	...	...	...	...	...	0	0	0	0	0	0	0	0
BGN	...	...	...	...	...	...	...	...	...	...	0	0	0	0
BHD	...	...	...	...	...	...	0	0	...	...	0	0	0	0
LTL	...	...	...	...	...	...	0	0	0	0	0	0	...	...
LVL	...	...	...	...	...	...	0	0	0	0	0	0	0	0
DEM	63	24	...	...	...	...	...	...	...	...	...	...	...	...
FRF	25	9	...	...	...	...	...	...	...	...	...	...	...	...
ITL	3	1	...	...	...	...	...	...	...	...	...	...	...	...
BEF	2	1	...	...	...	...	...	...	...	...	...	...	...	...
ESP	1	1	...	...	...	...	...	...	...	...	...	...	...	...
XEU	1	0	...	...	...	...	...	...	...	...	...	...	...	...
FIM	1	0	...	...	...	...	...	...	...	...	...	...	...	...
ATS	1	0	...	...	...	...	...	...	...	...	...	...	...	...
NLG	1	0	...	...	...	...	...	...	...	...	...	...	...	...
Other currencies	28	11	4	1	12	1	50	3	36	2	7	0	14	1
Total	265	100	489	100	1,025	100	1,686	100	2,054	100	2,311	100	2,677	100

E Global liquidity indicators

www.bis.org/statistics/gli.htm

The term "global liquidity" is used by the BIS to mean the ease of financing in global financial markets. Credit is among the key indicators of global liquidity and the focus of the indicators estimated by the BIS.²⁵ Global liquidity in general and credit in particular influence the build-up of financial system vulnerabilities in the form of asset price inflation, leverage, or maturity or funding mismatches.

The interaction of private and official factors determines the economy's overall ease of financing. For instance, financial institutions provide market liquidity to securities markets through their trading activities, and provide funding liquidity to borrowers through their lending activities. The terms on which these intermediaries can fund themselves, in turn, depend on the willingness of other market participants to interact with them. Prudential and macroeconomic policies, including the conditions under which central banks provide funding to the financial system, will affect these interactions.²⁶

The BIS publishes quantity and price indicators that aim to capture global liquidity conditions. The indicators are constructed by mixing BIS statistics, in particular the LBS and IDS, with other national data.

The outstanding amount of credit shows how far the ease of financing has led to a build-up of exposures. In other words, credit to private sector borrowers reflects the outcome of financial intermediation in global markets. Unusually rapid changes in outstanding credit are associated with the build-up of vulnerabilities, with potential implications for financial stability. Much of this credit, although not all, is provided by banks, so the BIS indicators focus primarily on bank credit.

Of particular interest for the assessment of global liquidity is the international component of credit: cross-border lending to non-residents or lending in foreign currency. This is because the international component often provides the marginal source of financing in the run-up to financial crises. Although the international component is often small relative to total credit, swings in this component can amplify domestic trends and are highly correlated with booms and busts in global financial conditions.

Any assessment of global liquidity conditions requires that measures of global credit are put into perspective. Moreover, the informativeness of indicators changes over time, implying that a flexible and multifaceted approach is needed when assessing global liquidity conditions. A range of supplementary price and quantity indicators can be used to capture additional specific aspects of global liquidity that are relevant for financial stability. These include measures of financing conditions in key financial markets and incentives for position-taking across market segments. These indicators tend to include proxies for risk appetite, which is a major driver of leverage and the willingness of private investors to provide funding.

²⁵ See eg J Caruana, "Global liquidity: where it stands and why it matters", IMFS Distinguished Lecture at the Goethe University, Frankfurt, March 2014; and D Domanski, I Fender and P McGuire, "Assessing global liquidity", *BIS Quarterly Review*, December 2011, pp 57–71.

²⁶ See eg Committee on the Global Financial System, "Global liquidity – concepts, measurement and policy implications", *CGFS Papers*, no 45, December 2011; and S Eickmeier, L Gambacorta and B Hofmann, "Understanding global liquidity", *BIS Working Papers*, no 402, February 2013.

Global liquidity: banks' claims

By type of claim and residence of borrower

Table E1

	Per cent of GDP			Year-on-year change (%)		
	Q1 16	Q2 16	Q3 16	Q1 16	Q2 16	Q3 16
International claims on all sectors¹	43.7	44.0	43.6	-4.4	0.2	0.2
On the bank sector	22.4	22.6	22.2	-8.1	-2.9	-3.2
On the non-bank sector	20.4	20.4	20.5	0.6	3.7	3.8
Total claims on private non-financial sector²	104.0	104.1	104.2	6.1	6.3	6.0
Local claims	90.1	90.3	90.4	6.9	6.5	6.1
Cross-border claims	13.9	13.8	13.8	-1.8	0.9	1.7
Claims on advanced economies						
On euro area	112.4	111.8	111.0	0.2	1.0	0.8
Local claims	88.8	88.5	88.0	1.2	1.1	1.1
Cross-border claims	23.6	23.3	23.0	-3.8	1.4	-1.2
On the United States	66.5	67.1	67.1	7.2	8.1	6.8
Local claims	51.5	52.3	52.2	7.9	8.0	6.8
Cross-border claims	15.0	14.8	14.9	4.8	8.1	6.9
On other advanced economies	129.9	129.9	131.7	2.3	2.7	4.1
Local claims	112.4	112.2	113.3	2.3	1.8	2.8
Cross-border claims	17.6	17.7	18.4	7.5	9.4	14.4
Claims on emerging market economies						
On emerging Asia	139.4	140.2	140.0	11.8	10.9	10.5
Local claims	133.9	134.6	134.4	12.7	11.8	11.3
Cross-border claims	5.5	5.7	5.5	-13.7	-13.0	-11.0
On central Europe	59.3	59.6	59.7	3.3	2.6	2.9
Local claims	50.0	50.4	50.6	4.4	4.0	3.8
Cross-border claims	9.3	9.3	9.1	-2.1	-4.1	-1.4
On Latin America	53.3	54.2	53.2	6.0	5.6	4.9
Local claims	45.3	46.5	45.6	9.2	8.1	6.9
Cross-border claims	8.0	7.7	7.6	-4.8	-3.9	-3.8
On other emerging market economies	66.5	66.1	66.1	7.0	6.8	5.2
Local claims	58.8	58.3	58.2	8.6	7.7	5.1
Cross-border claims	7.7	7.9	7.9	-3.1	1.7	5.1

¹ Cross-border claims denominated in all currencies plus local claims denominated in foreign currencies. ² Cross-border claims refer to claims on the non-bank sector, including claims on the non-bank financial sector and the government sector.

Sources: National data; BIS credit to the non-financial sector; BIS locational banking statistics; BIS calculations.

Global liquidity: total credit by currency of denomination

Bank loans and debt securities issues, by residence of borrower

Table E2

	Amount outstanding ¹ (trn)			Year-on-year change ² (%)		
	Q1 16	Q2 16	Q3 16	Q1 16	Q2 16	Q3 16
US dollar credit						
To US residents (non-financial sector)	45.4	45.9	46.5	5.0	5.0	5.8
Of which: to government	18.4	18.6	19.0	5.4	6.0	7.4
To rest of the world (non-bank sector)	10.1	10.3	10.5	2.6	3.0	4.8
Of which: to emerging market economies	3.5	3.6	3.6	-0.9	-0.8	0.6
Africa and Middle East	0.5	0.6	0.6	13.6	17.6	15.7
Emerging Asia and Pacific	1.6	1.6	1.6	-6.4	-7.7	-4.3
Emerging Europe	0.5	0.5	0.5	-6.8	-6.2	-5.2
Latin America and Caribbean	0.9	0.9	0.9	5.0	5.0	4.4
By instrument						
Bank loans	5.5	5.6	5.7	0.9	1.0	2.4
Debt securities issues	4.6	4.7	4.8	4.6	5.3	7.6
Of which: by non-financial issuers	2.6	2.7	2.7	4.4	5.9	6.2
Euro credit						
To euro area residents (non-financial sector)	27.3	27.5	27.3	0.7	3.3	2.1
Of which: government	11.6	11.7	11.7	0.4	5.4	3.9
To rest of the world (non-bank sector)	2.6	2.6	2.6	3.6	5.9	4.6
Of which: to emerging market economies	0.6	0.6	0.6	5.9	4.9	5.3
Africa and Middle East	0.1	0.1	0.1	1.7	3.2	3.2
Emerging Asia and Pacific	0.1	0.1	0.1	-6.8	-0.8	-1.1
Emerging Europe	0.3	0.3	0.3	6.4	5.5	6.0
Latin America and Caribbean	0.1	0.1	0.1	39.4	16.2	17.5
By instrument						
Bank loans	1.2	1.2	1.2	-4.9	0.6	-0.6
Debt securities issues	1.4	1.4	1.4	12.0	10.7	9.2
Of which: by non-financial issuers	0.9	1.0	1.0	15.3	14.7	13.2
Yen credit						
To Japanese residents (non-financial sector)	1,974.8	2,009.0	2,002.7	1.7	3.5	3.1
Of which: government	1,200.6	1,233.6	1,219.3	3.0	5.4	4.4
To rest of the world (non-bank sector)	50.0	49.9	48.7	-7.1	-7.1	-7.2
Of which: to emerging market economies	15.3	14.6	14.8	-13.7	-14.7	-9.1
Africa and Middle East	0.6	0.6	0.7	0.8	-17.2	-7.7
Emerging Asia and Pacific	12.9	12.0	12.2	-15.2	-16.5	-10.6
Emerging Europe	1.0	1.0	1.1	-0.9	-2.1	-0.6
Latin America and Caribbean	0.8	0.9	0.9	-11.6	5.4	5.2
By instrument						
Bank loans	31.5	31.2	30.2	-7.2	-9.2	-8.6
Debt securities issues	18.6	18.7	18.5	-6.9	-3.4	-4.6
Of which: by non-financial issuers	7.2	7.3	7.3	-9.8	-4.0	-3.1

¹ In national currency. ² Geometric mean of quarterly break- and exchange rate-adjusted changes.

Sources: Datastream; national data; BIS debt securities statistics; BIS locational banking statistics; BIS calculations.

F Statistics on total credit to the non-financial sector

www.bis.org/statistics/totcredit.htm

The BIS statistics on credit to the non-financial sector capture borrowing activity of the government sector and the private non-financial sector in over 40 economies. Data on credit to the government sector cover on average 20 years, and those on credit to the private non-financial sector cover on average more than 45 years.

On the lending side, two credit data series are provided. "Total credit" comprises financing from all sources, including domestic banks, other domestic financial corporations, non-financial corporations and non-residents. "Bank credit" includes credit extended by domestic banks to the private non-financial sector.

On the borrowing side, "total credit" to the non-financial sector is broken down into credit to the government sector and the private non-financial sector, and the latter is further split between non-financial corporations and households (including non-profit institutions serving households).

The financial instruments covered comprise (i) currency and deposits (which are zero in the case of credit to the private non-financial sector), (ii) loans and (iii) debt securities. The sum of these three instruments is defined here as "core debt". For the government sector, core debt generally represents the bulk of broad debt.²⁷

The statistics follow the framework of the System of National Accounts 2008, which mandates that outstanding credit instruments be valued at market values where market prices are observable. For credit to the government, data are also provided for nominal (face) values of government credit, since these can be useful in some forms of debt sustainability analysis (eg projections based on assumed interest rates). Nominal values are used in the European Union fiscal rules (the so-called Maastricht gross debt).

Cross-country comparisons

When expressed as a percentage of GDP, the credit series can be used to monitor trends in the debt of the non-financial sector and compare them across countries. Credit developments can be examined by sector (ie government, private non-financial subsectors) and indicators devised that would point to developments that raise concerns about macroeconomic or financial stability. For example, Cecchetti et al (2010) estimate debt thresholds, above which a further increase in credit might have a significant impact on growth by threatening debt sustainability.²⁸

From a financial stability perspective, credit statistics help policymakers to detect boom and bust episodes of financial cycles. Medium-term fluctuations in

²⁷ In addition to the three components of core debt identified here, debt instruments comprise: special drawing rights (SDR); insurance, pension and standardised guarantee schemes; and other accounts receivable/payable (2008 SNA, #26.103). These three additional types of financial liability should therefore be included in any comprehensive picture of government debt (here called "broad debt"), but they are not homogeneously measured across countries. The BIS core debt data perform much better in terms of international comparability.

²⁸ S Cecchetti, M Mohanty and F Zampolli, "[The real effects of debt](#)", *BIS Working Papers*, no 300, March 2010.

credit and property prices are used to identify financial cycles, which are much longer than traditional business cycles.²⁹

Credit-to-GDP gap in the Basel III framework

Credit series play a prominent role within the Basel III framework, namely in providing guidance to supervisors on the use of the countercyclical capital buffer (CCyB) introduced in 2010. The main objective of the CCyB is to strengthen banks' defences against the build-up of systemic vulnerabilities.³⁰ The framework assigns the credit-to-GDP gap a prominent role in helping supervisors determine whether to activate or increase the required buffer and in supporting the communication of the related decisions.

The credit-to-GDP gap is defined as the difference between the credit-to-GDP ratio and its long-term trend. Studies of past financial crises have found that it is a very useful early warning indicator for banking crises.³¹ The main objective of the CCyB is to protect banks from the effects of the potentially large swings in credit, asset prices and risk-taking that characterise the financial cycle.

Share of banks in total credit and borrowing activity by main sectors

With the information provided by the BIS credit data set, long-term cross-country developments in the traditional provision of credit by domestic depository corporations can be examined and compared across countries with the evolution of total credit. This can shed light on the risk borne by monetary institutions. For example, in the United States banks currently extend only around 30% of total credit, while in Germany or Greece the figure comes closer to 70% and 90%, respectively. While for some countries domestic banks have become a less important source of credit, for others domestic banks have become more important.

It is also possible to study trends in indebtedness in specific sectors. As regards household and non-financial corporate credit, for example, the BIS data suggest that, in most economies, borrowing by households has increased over the past 40 years. In particular, for emerging market economies, household borrowing, which generally accounted for only 10–20% of private non-financial credit at the time data were first collected (typically the 1990s), now makes up 30–60%.³² Regarding the government sector, the massive increase in public sector borrowing in many advanced economies has reinforced concerns about the sustainability of public debt. For instance, since the Great Financial Crisis, public debt in advanced economies has risen on average by 30 percentage points of GDP.

²⁹ See eg M Drehmann, C Borio and K Tsatsaronis, "Characterising the financial cycle: don't lose sight of the medium term!", *BIS Working Papers*, no 380, June 2012.

³⁰ Basel Committee on Banking Supervision, *Guidance for national authorities operating the countercyclical capital buffer*, 2010, Annex 1.

³¹ See eg C Borio and P Lowe, "Asset prices, financial and monetary stability: exploring the nexus", *BIS Working Papers*, no 114, July 2002; and C Borio and P Lowe, "Securing sustainable price stability: should credit come back from the wilderness?", *BIS Working Papers*, no 157, July 2004.

³² See C Dembiermont, M Drehmann and S Muksakunratana, "How much does the private sector really borrow – a new database for total credit to the private non-financial sector", *BIS Quarterly Review*, March 2013, pp 65–81.

Total credit to the non-financial sector (core debt), % of GDP

Table F1.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	53.7	56.1	59.5	58.7	68.6	58.6	68.6	75.9	74.2	74.2
Australia	203.2	208.0	216.4	227.7	239.7	239.8	239.7	243.0	244.8	245.6
Austria	234.4	238.9	236.8	240.9	240.8	242.4	240.8	243.1	244.7	243.7
Belgium	302.9	318.7	319.4	334.0	336.3	338.9	336.3	353.2	352.6	350.5
Brazil	124.6	128.7	130.8	132.1	142.9	140.6	142.9	142.3	141.9	141.0
Canada	256.7	266.0	267.7	272.6	291.9	287.6	291.9	292.4	297.4	301.1
Chile	127.7	135.3	143.8	159.0	171.2	171.0	171.2	169.7	170.1	171.9
China	180.5	194.4	210.9	225.8	245.0	239.0	245.0	250.5	253.7	255.6
Colombia	84.0	83.1	89.1	99.4	115.3	114.7	115.3	116.3	116.1	116.7
Czech Republic	128.3	137.4	141.8	143.1	134.4	135.7	134.4	134.3	133.9	133.7
Denmark	308.9	302.9	286.9	291.8	273.2	278.7	273.2	273.9	275.1	276.2
Finland	221.3	231.3	236.2	244.0	251.9	249.0	251.9	253.5	248.1	247.7
France	262.4	275.7	274.1	290.4	292.2	293.1	292.2	296.2	300.3	299.9
Germany	193.9	196.4	191.8	188.7	183.8	185.3	183.8	185.5	185.5	185.3
Greece	229.0	283.9	299.0	300.0	298.5	292.5	298.5	297.4	300.6	295.9
Hong Kong SAR	293.4	298.6	324.3	346.1	368.8	353.5	368.8	366.7	371.8	373.4
Hungary	207.6	200.6	191.7	191.8	182.9	186.7	182.9	184.0	181.6	175.8
India	125.5	127.3	127.9	126.9	129.6	128.2	129.6	130.0	128.6	128.2
Indonesia	53.3	57.5	63.6	64.2	68.1	67.6	68.1	67.1	68.1	68.2
Ireland	427.1	438.2	423.2	419.8	410.6	436.3	410.6	400.3	404.5	375.0
Israel	193.8	192.5	185.7	184.9	181.9	181.2	181.9	181.7	183.5	181.4
Italy	235.4	258.0	263.5	274.3	273.0	275.3	273.0	275.6	276.0	273.1
Japan	355.0	359.4	364.3	370.4	363.6	362.2	363.6	369.1	374.1	372.5
Korea	210.7	216.7	220.3	227.1	233.5	234.8	233.5	236.1	237.6	237.5
Luxembourg	416.0	437.4	418.7	426.1	449.2	445.2	449.2	449.9	437.6	434.1
Malaysia	171.9	175.8	183.5	185.5	193.3	193.0	193.3	190.6	191.9	190.6
Mexico	60.0	61.0	66.6	70.2	75.9	74.6	75.9	77.5	78.1	79.9
Netherlands	312.9	317.3	311.2	314.9	309.4	314.0	309.4	309.8	309.3	308.5
New Zealand	206.3	211.5	206.7	205.2	207.7	205.9	207.7	206.3	208.1	209.4
Norway	247.6	250.2	251.5	256.6	271.3	268.9	271.3	275.4	281.8	283.1
Poland	131.1	130.6	134.7	132.2	134.5	135.7	134.5	135.8	138.6	137.7
Portugal	316.4	357.8	351.3	349.3	336.5	341.3	336.5	332.5	332.6	331.3
Russia	64.6	66.6	74.9	88.7	91.3	88.6	91.3	90.0	86.9	86.0
Saudi Arabia	44.3	41.5	45.8	49.7	67.8	62.6	67.8	72.6	77.6	79.1
Singapore	236.3	253.1	264.5	269.8	281.3	274.2	281.3	285.7	290.7	294.6

Total credit to the non-financial sector (core debt), % of GDP (cont)

Table F1.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	108.3	113.5	116.2	118.9	125.3	122.0	125.3	126.2	125.6	125.7
Spain	283.4	292.7	297.0	298.6	284.8	287.9	284.8	284.0	284.8	282.9
Sweden	267.5	268.9	273.2	280.7	280.5	278.9	280.5	274.3	275.5	273.5
Switzerland	233.6	242.3	240.4	242.3	244.4	245.3	244.4	246.2	247.4	248.1
Thailand	133.6	137.9	146.8	150.8	156.0	153.6	156.0	154.5	153.2	152.8
Turkey	98.5	98.9	103.6	105.5	104.2	108.8	104.2	103.1	104.1	105.9
United Kingdom	272.7	275.9	264.3	267.8	264.5	266.0	264.5	265.9	277.5	283.1
United States	252.1	252.4	248.0	250.3	250.1	247.3	250.1	253.6	255.0	255.7
<i>Memo:</i>										
<i>Euro area</i>	252.7	263.9	261.6	269.1	267.6	269.7	267.6	269.8	271.0	268.6
<i>Aggregates based on conversion to US dollars at market exchange rates¹</i>										
G20	218.7	227.3	226.5	221.4	233.7	230.2	233.7	244.7	247.4	248.1
<i>All reporting economies</i>	216.5	226.0	225.1	219.4	232.0	228.3	232.0	243.1	245.6	246.3
<i>Advanced economies</i>	260.9	270.9	267.3	255.6	266.4	264.2	266.4	277.6	279.7	279.2
<i>Emerging market economies</i>	131.3	144.7	153.3	158.4	174.4	168.7	174.4	184.8	187.2	190.0
<i>Aggregates based on conversion to US dollars at PPP exchange rates¹</i>										
G20	199.3	204.2	206.7	212.6	218.1	215.9	218.1	220.5	222.5	223.1
<i>All reporting economies</i>	197.9	202.7	205.4	211.2	216.6	214.5	216.6	218.7	220.7	221.3
<i>Advanced economies</i>	264.7	269.7	267.3	272.0	271.4	270.7	271.4	274.6	277.0	276.7
<i>Emerging market economies</i>	134.0	140.9	150.4	158.8	170.3	166.7	170.3	171.8	173.7	175.2

¹ G20 comprises Argentina, Australia, Brazil, Canada, China, the euro area, India, Indonesia, Japan, Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, the United Kingdom and the United States. Advanced economies comprise Australia, Canada, Denmark, the euro area, Japan, New Zealand, Norway, Sweden, Switzerland, the United Kingdom and the United States. Emerging market economies comprise Argentina, Brazil, Chile, China, Colombia, the Czech Republic, Hong Kong SAR, Hungary, India, Indonesia, Israel, Korea, Malaysia, Mexico, Poland, Russia, Saudi Arabia, Singapore, South Africa, Thailand and Turkey. All reporting economies comprise the economies listed under the advanced and emerging market economies.

Total credit to the non-financial sector (core debt), USD billions

Table F1.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	272	301	305	318	310	310	330	343	360
Australia	3,012	3,254	3,017	2,993	2,862	2,862	3,067	3,012	3,118
Austria	936	999	1,054	967	890	890	947	935	942
Belgium	1,486	1,629	1,726	1,625	1,502	1,502	1,658	1,627	1,638
Brazil	2,921	3,025	2,952	2,877	2,165	2,165	2,378	2,685	2,691
Canada	4,448	4,870	4,776	4,667	4,176	4,176	4,501	4,589	4,596
Chile	298	365	376	386	381	381	403	417	428
China	13,972	16,825	20,695	23,383	25,999	25,999	27,161	27,206	27,817
Colombia	268	312	328	317	291	291	315	331	340
Czech Republic	259	293	292	270	247	247	260	254	259
Denmark	993	1,015	1,023	941	808	808	850	836	846
Finland	564	610	662	608	574	574	607	583	588
France	6,987	7,591	8,000	7,551	6,940	6,940	7,394	7,346	7,406
Germany	6,770	7,149	7,488	6,710	6,063	6,063	6,457	6,346	6,420
Greece	614	717	744	647	570	570	592	584	580
Hong Kong SAR	730	784	893	1,007	1,140	1,140	1,142	1,168	1,183
Hungary	240	260	268	239	214	214	228	220	221
India	2,030	2,242	2,260	2,458	2,591	2,591	2,662	2,648	2,756
Indonesia	460	514	499	547	568	568	597	618	635
Ireland	956	1,016	1,051	983	1,143	1,143	1,177	1,157	1,097
Israel	474	512	567	525	542	542	567	567	583
Italy	4,989	5,491	5,829	5,398	4,880	4,880	5,180	5,085	5,079
Japan	22,539	20,666	17,476	15,903	16,025	16,025	17,486	19,446	19,678
Korea	2,435	2,787	2,984	3,071	3,113	3,113	3,266	3,282	3,481
Luxembourg	231	253	267	255	250	250	264	251	253
Malaysia	493	558	569	587	521	521	569	566	554
Mexico	625	731	819	823	797	797	835	789	784
Netherlands	2,603	2,700	2,801	2,535	2,279	2,279	2,404	2,355	2,378
New Zealand	337	376	387	384	351	351	358	374	390
Norway	1,153	1,331	1,274	1,082	959	959	1,035	1,041	1,083
Poland	595	689	740	645	617	617	657	633	655
Portugal	721	795	825	734	658	658	685	673	679
Russia	1,191	1,456	1,616	1,158	994	994	1,089	1,104	1,126
Saudi Arabia	297	305	342	376	442	442	462	488	496
Singapore	629	749	787	792	800	800	854	866	864

Total credit to the non-financial sector (core debt), USD billions (cont)

Table F1.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	404	435	389	391	325	325	350	353	384
Spain	3,925	4,016	4,201	3,760	3,335	3,335	3,509	3,464	3,488
Sweden	1,418	1,525	1,605	1,431	1,389	1,389	1,433	1,390	1,373
Switzerland	1,538	1,651	1,715	1,575	1,585	1,585	1,656	1,637	1,652
Thailand	476	555	576	600	585	585	599	602	617
Turkey	725	868	872	924	833	833	878	888	876
United Kingdom	6,877	7,472	7,606	7,607	7,334	7,334	7,199	7,060	7,009
United States	39,121	40,783	41,389	43,532	45,114	45,114	46,056	46,607	47,070
<i>Memo:</i>									
<i>Euro area</i>	32,029	34,245	35,846	33,132	30,453	30,453	32,333	31,864	31,957
<i>G20</i>	133,359	140,778	143,843	144,159	144,102	144,102	150,648	152,983	154,834
<i>All reporting economies</i>	143,263	151,753	155,244	154,941	154,531	154,531	161,576	163,885	165,882
<i>Advanced economies</i>	113,466	117,187	116,113	113,248	111,058	111,058	115,974	117,855	118,773
<i>Emerging market economies</i>	29,797	34,566	39,131	41,693	43,473	43,473	45,602	46,030	47,109

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to the private non-financial sector (core debt), % of GDP

Table F2.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	18.3	19.3	20.0	17.3	19.1	17.4	19.1	18.8	18.3	18.3
Australia	178.7	179.7	186.3	193.1	202.6	202.2	202.6	204.2	205.7	205.1
Austria	145.9	146.0	147.4	143.4	144.0	144.3	144.0	143.2	142.8	144.0
Belgium	196.6	202.5	204.8	208.2	213.4	213.1	213.4	224.5	221.6	220.1
Brazil	64.0	67.1	71.2	70.4	71.2	71.0	71.2	69.7	68.6	66.8
Canada	181.9	188.8	194.7	198.5	213.8	210.4	213.8	213.8	216.9	219.8
Chile	114.2	121.3	129.2	141.0	151.3	151.7	151.3	149.1	148.1	148.5
China	147.6	160.3	173.8	185.6	201.6	196.4	201.6	206.1	208.4	209.5
Colombia	50.2	50.8	54.9	60.9	64.9	64.3	64.9	64.8	65.2	65.5
Czech Republic	86.2	88.0	92.6	94.8	89.0	89.8	89.0	88.8	89.3	90.3
Denmark	256.4	249.8	238.0	240.6	227.7	230.6	227.7	227.4	226.9	228.7
Finland	169.2	172.6	177.1	177.7	182.9	182.2	182.9	183.3	179.7	179.6
France	171.6	175.9	174.4	181.8	183.3	182.7	183.3	182.8	184.7	184.7
Germany	109.6	109.6	110.0	106.6	105.8	106.6	105.8	106.7	106.7	107.1
Greece	130.1	131.4	129.3	128.6	126.6	126.8	126.6	126.4	125.5	123.7
Hong Kong SAR	234.6	234.5	258.0	279.1	294.9	281.6	294.9	293.2	298.1	299.2
Hungary	129.4	119.1	111.5	107.9	99.2	99.7	99.2	98.0	98.1	92.1
India	59.1	60.7	61.1	59.7	60.9	59.8	60.9	61.4	60.0	60.0
Indonesia	30.2	34.6	38.8	39.6	40.6	40.3	40.6	39.7	40.0	39.8
Ireland	321.9	313.8	294.6	301.2	322.5	340.3	322.5	310.3	316.6	287.1
Israel	121.1	118.5	113.7	112.3	111.0	110.8	111.0	110.4	111.9	111.5
Italy	123.1	127.3	124.9	123.2	119.9	121.5	119.9	118.3	118.6	118.4
Japan	165.3	162.8	161.3	159.7	156.0	155.6	156.0	155.5	155.1	156.4
Korea	180.1	183.3	185.0	188.9	193.3	193.1	193.3	193.8	194.8	195.2
Luxembourg	396.4	414.5	394.7	401.5	425.4	421.2	425.4	425.4	413.4	410.4
Malaysia	121.9	124.2	130.4	132.8	138.8	138.5	138.8	137.0	136.6	137.2
Mexico	32.1	32.5	35.6	37.2	40.3	39.7	40.3	41.0	42.0	43.1
Netherlands	245.3	243.7	238.8	238.0	236.2	240.2	236.2	235.7	234.8	236.3
New Zealand	172.8	174.9	172.2	170.8	174.5	173.5	174.5	174.1	175.1	176.2
Norway	218.7	220.0	221.0	228.3	238.2	236.7	238.2	241.3	245.3	247.0
Poland	76.7	76.6	78.8	81.8	83.3	84.1	83.3	83.9	85.0	84.3
Portugal	220.0	231.6	220.6	208.2	195.9	198.0	195.9	193.7	192.1	189.6
Russia	53.3	54.5	61.4	72.4	74.4	72.7	74.4	73.6	70.7	70.0
Saudi Arabia	38.9	38.5	43.7	48.2	62.0	57.9	62.0	64.8	67.9	67.5
Singapore	134.0	146.6	160.6	170.1	176.6	171.7	176.6	177.2	180.7	183.1

Total credit to the private non-financial sector (core debt), % of GDP (cont)

Table F2.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	67.9	70.1	70.0	69.7	73.4	71.3	73.4	74.4	72.7	72.4
Spain	214.0	206.6	197.1	185.4	173.2	176.4	173.2	170.1	169.9	167.4
Sweden	226.7	228.5	230.9	232.2	233.9	232.0	233.9	228.3	228.7	228.5
Switzerland	200.1	207.8	207.2	207.6	209.9	210.9	209.9	212.0	213.6	214.5
Thailand	106.2	109.4	117.1	120.7	123.4	122.6	123.4	122.0	121.6	120.9
Turkey	61.6	63.0	72.0	74.9	79.9	82.3	79.9	79.3	80.3	81.7
United Kingdom	176.8	177.7	169.8	162.2	159.6	160.1	159.6	158.4	162.0	164.3
United States	152.4	150.0	149.0	149.0	150.1	149.5	150.1	150.7	151.5	152.3
<i>Memo:</i>										
<i>Euro area</i>	165.0	165.7	162.0	163.1	163.8	164.9	163.8	163.6	164.0	162.5
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
G20	137.6	142.3	143.8	139.7	148.6	146.5	148.6	154.3	154.7	155.4
<i>All reporting economies</i>	138.4	143.9	145.3	140.6	149.7	147.4	149.7	155.6	156.0	156.7
<i>Advanced economies</i>	160.9	164.6	163.2	153.5	160.3	159.4	160.3	165.2	164.9	165.0
<i>Emerging market economies</i>	95.5	106.5	114.8	118.9	132.0	127.5	132.0	139.5	140.7	142.5
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
G20	128.5	130.7	133.4	136.6	141.6	140.1	141.6	142.5	143.4	144.0
<i>All reporting economies</i>	129.0	131.3	134.1	137.3	142.1	140.7	142.1	142.9	143.9	144.4
<i>Advanced economies</i>	163.8	163.1	161.2	161.3	162.2	162.2	162.2	162.4	163.2	163.4
<i>Emerging market economies</i>	95.8	101.9	110.0	116.6	125.2	122.5	125.2	126.6	127.7	128.6

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to the private non-financial sector (core debt), USD billions

Table F2.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	93	103	103	94	86	86	81	85	89
Australia	2,649	2,810	2,598	2,538	2,419	2,419	2,577	2,531	2,604
Austria	583	611	656	576	533	533	558	546	557
Belgium	964	1,036	1,107	1,013	953	953	1,054	1,023	1,029
Brazil	1,500	1,577	1,607	1,534	1,079	1,079	1,166	1,299	1,275
Canada	3,152	3,456	3,473	3,398	3,059	3,059	3,291	3,346	3,356
Chile	266	327	338	343	336	336	354	363	370
China	11,421	13,871	17,054	19,221	21,391	21,391	22,346	22,345	22,796
Colombia	160	191	202	194	164	164	176	186	191
Czech Republic	174	187	191	179	163	163	172	170	175
Denmark	824	837	849	776	673	673	705	689	701
Finland	431	455	497	443	416	416	439	422	427
France	4,571	4,843	5,091	4,725	4,352	4,352	4,565	4,517	4,562
Germany	3,827	3,989	4,296	3,789	3,492	3,492	3,714	3,649	3,711
Greece	349	332	322	278	242	242	252	244	242
Hong Kong SAR	584	616	710	812	912	912	913	936	948
Hungary	150	154	156	134	116	116	121	119	115
India	957	1,068	1,080	1,157	1,218	1,218	1,257	1,235	1,290
Indonesia	260	309	304	337	339	339	353	363	370
Ireland	721	727	731	706	898	898	912	906	839
Israel	296	315	347	319	331	331	345	346	359
Italy	2,610	2,710	2,763	2,425	2,142	2,142	2,224	2,185	2,201
Japan	10,493	9,361	7,740	6,859	6,874	6,874	7,368	8,064	8,261
Korea	2,081	2,357	2,506	2,554	2,577	2,577	2,681	2,692	2,861
Luxembourg	220	240	252	240	237	237	249	237	239
Malaysia	350	394	405	420	374	374	409	403	399
Mexico	335	389	437	436	423	423	442	425	422
Netherlands	2,040	2,074	2,150	1,916	1,740	1,740	1,829	1,788	1,822
New Zealand	282	311	322	320	295	295	303	315	328
Norway	1,019	1,171	1,119	962	842	842	906	906	945
Poland	348	404	433	399	382	382	406	388	401
Portugal	501	515	518	438	383	383	399	388	388
Russia	982	1,190	1,325	945	811	811	891	899	916
Saudi Arabia	261	283	326	364	404	404	412	427	423
Singapore	357	434	478	499	502	502	530	538	537

Total credit to the private non-financial sector (core debt), USD billions (cont)

Table F2.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	253	269	235	229	190	190	206	204	221
Spain	2,964	2,834	2,788	2,334	2,028	2,028	2,101	2,066	2,064
Sweden	1,202	1,296	1,356	1,184	1,158	1,158	1,193	1,154	1,147
Switzerland	1,317	1,416	1,478	1,349	1,361	1,361	1,426	1,413	1,429
Thailand	379	441	460	480	463	463	473	478	488
Turkey	454	554	606	656	638	638	675	685	676
United Kingdom	4,460	4,813	4,887	4,607	4,427	4,427	4,287	4,122	4,068
United States	23,650	24,227	24,862	25,922	27,067	27,067	27,363	27,678	28,026
<i>Memo:</i>									
<i>Euro area</i>	20,915	21,505	22,206	20,083	18,642	18,642	19,604	19,280	19,338
<i>G20</i>	83,917	88,144	91,349	90,934	91,645	91,645	94,999	95,681	96,992
<i>All reporting economies</i>	91,626	96,637	100,193	99,306	99,719	99,719	103,433	104,085	105,525
<i>Advanced economies</i>	69,964	71,203	70,892	67,998	66,819	66,819	69,023	69,499	70,202
<i>Emerging market economies</i>	21,662	25,435	29,301	31,308	32,900	32,900	34,410	34,586	35,324

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Bank credit to the private non-financial sector (core debt), % of GDP

Table F2.3

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	13.8	15.0	15.5	13.6	14.4	13.8	14.4	13.6	13.5	13.3
Australia	124.5	126.0	128.3	132.7	140.3	138.5	140.3	141.9	143.2	143.9
Austria	93.1	91.4	89.6	85.8	85.0	85.6	85.0	84.6	84.3	84.3
Belgium	53.6	53.0	55.4	58.8	62.1	61.6	62.1	62.5	62.7	63.0
Brazil	58.1	62.5	64.2	66.0	66.8	66.5	66.8	65.4	64.3	62.6
Canada	96.8	101.7	104.3	105.3	109.6	108.3	109.6	110.0	111.4	113.4
Chile	71.2	75.0	77.7	79.7	82.8	81.5	82.8	82.2	82.4	82.2
China	123.1	128.8	134.1	140.4	152.7	149.3	152.7	155.6	156.9	157.0
Colombia	35.6	38.3	40.3	43.3	46.8	46.3	46.8	46.8	47.0	47.3
Czech Republic	48.6	49.7	51.1	49.6	50.1	50.7	50.1	50.6	51.0	52.0
Denmark	185.8	180.7	178.1	176.0	170.6	171.0	170.6	172.1	173.1	173.3
Finland	89.1	91.5	92.3	92.7	94.2	94.1	94.2	94.5	95.1	95.2
France	93.1	93.0	92.7	91.5	93.2	93.2	93.2	93.8	94.1	94.1
Germany	82.9	81.8	80.1	77.8	76.9	77.1	76.9	76.8	76.7	76.7
Greece	116.3	115.4	116.9	115.6	112.2	112.3	112.2	111.6	111.0	108.8
Hong Kong SAR	194.4	195.7	212.1	224.6	219.2	221.3	219.2	217.8	222.5	223.9
Hungary	58.2	49.8	45.3	41.9	35.0	36.8	35.0	34.7	34.1	33.8
India	54.8	56.0	56.5	55.7	56.8	55.7	56.8	57.4	56.0	56.3
Indonesia	28.2	31.7	34.5	34.9	34.9	35.3	34.9	34.4	34.9	35.0
Ireland	114.8	111.2	104.0	81.5	54.4	60.1	54.4	52.4	52.0	51.2
Israel	68.8	67.6	65.5	65.8	66.3	66.4	66.3	66.6	66.8	66.2
Italy	92.5	91.6	88.5	86.8	86.3	86.6	86.3	85.4	85.4	84.6
Japan	104.9	106.7	109.8	109.4	107.9	106.2	107.9	106.0	104.3	105.1
Korea	127.3	125.6	124.3	126.7	128.9	128.6	128.9	129.3	130.8	132.5
Luxembourg	83.9	84.5	87.8	91.3	93.5	95.7	93.5	94.2	97.1	98.9
Malaysia	118.0	124.2	129.8	130.1	134.8	133.7	134.8	134.2	134.3	134.1
Mexico	15.2	15.7	16.8	16.9	18.1	17.6	18.1	18.1	18.6	19.0
Netherlands	123.5	125.8	122.5	116.6	111.9	112.6	111.9	114.4	111.1	110.4
New Zealand	141.7	144.1	143.5	142.7	148.6	147.0	148.6	149.3	150.9	152.0
Norway	72.8	68.3	68.8	72.2	77.1	76.7	77.1	77.9	79.2	80.3
Poland	51.3	49.9	50.9	52.2	53.6	54.2	53.6	53.7	54.4	54.5
Portugal	152.0	148.9	139.9	127.4	117.5	121.0	117.5	115.8	114.5	112.8
Russia	40.4	43.2	48.0	55.0	56.6	55.3	56.6	55.9	53.8	53.2
Saudi Arabia	35.0	37.1	41.2	45.5	57.1	54.4	57.1	60.4	62.4	62.4
Singapore	101.4	109.8	119.5	122.7	122.4	121.8	122.4	123.6	124.5	125.8

Bank credit to the private non-financial sector (core debt), % of GDP (cont)

Table F2.3

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	65.8	66.8	65.5	65.8	66.7	65.8	66.7	67.6	65.8	65.6
Spain	159.2	148.0	135.8	124.7	114.9	116.9	114.9	112.3	111.5	108.8
Sweden	126.8	129.6	131.1	130.9	129.7	130.4	129.7	129.6	131.4	131.6
Switzerland	152.3	159.1	162.3	164.4	164.9	166.1	164.9	166.6	167.8	168.5
Thailand	103.7	108.3	113.3	116.6	118.5	117.5	118.5	117.5	117.3	116.9
Turkey	43.8	46.4	53.9	56.7	59.4	61.5	59.4	58.7	59.4	60.2
United Kingdom	101.4	97.6	93.5	90.0	89.7	89.0	89.7	89.9	90.5	91.0
United States	49.3	49.0	48.5	49.5	51.3	50.3	51.3	51.5	52.3	52.2
<i>Memo:</i>										
<i>Euro area</i>	<i>103.4</i>	<i>101.1</i>	<i>97.8</i>	<i>95.1</i>	<i>93.1</i>	<i>93.9</i>	<i>93.1</i>	<i>92.9</i>	<i>92.7</i>	<i>92.1</i>
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
G20	80.0	82.8	83.4	80.2	85.3	83.7	85.3	88.8	89.0	89.3
<i>All reporting economies</i>	<i>81.5</i>	<i>84.8</i>	<i>85.5</i>	<i>82.0</i>	<i>87.1</i>	<i>85.5</i>	<i>87.1</i>	<i>90.9</i>	<i>91.0</i>	<i>91.4</i>
<i>Advanced economies</i>	<i>83.6</i>	<i>84.8</i>	<i>83.5</i>	<i>76.7</i>	<i>79.3</i>	<i>78.5</i>	<i>79.3</i>	<i>82.1</i>	<i>81.9</i>	<i>81.9</i>
<i>Emerging market economies</i>	<i>77.4</i>	<i>84.9</i>	<i>88.7</i>	<i>90.9</i>	<i>100.2</i>	<i>97.1</i>	<i>100.2</i>	<i>105.7</i>	<i>106.6</i>	<i>107.6</i>
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
G20	79.6	81.0	82.6	84.5	88.2	86.9	88.2	88.8	89.2	89.5
<i>All reporting economies</i>	<i>80.9</i>	<i>82.5</i>	<i>84.2</i>	<i>86.0</i>	<i>89.6</i>	<i>88.4</i>	<i>89.6</i>	<i>90.1</i>	<i>90.6</i>	<i>90.8</i>
<i>Advanced economies</i>	<i>83.4</i>	<i>82.5</i>	<i>81.5</i>	<i>80.9</i>	<i>81.1</i>	<i>80.6</i>	<i>81.1</i>	<i>81.1</i>	<i>81.3</i>	<i>81.3</i>
<i>Emerging market economies</i>	<i>78.6</i>	<i>82.4</i>	<i>86.5</i>	<i>90.5</i>	<i>96.8</i>	<i>94.9</i>	<i>96.8</i>	<i>97.6</i>	<i>98.3</i>	<i>98.7</i>

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Bank credit to the private non-financial sector (core debt), USD billions

Table F2.4

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	70	80	80	74	65	65	59	62	64
Australia	1,845	1,971	1,788	1,744	1,675	1,675	1,791	1,763	1,827
Austria	372	382	399	344	314	314	330	322	326
Belgium	263	271	299	286	277	277	294	290	294
Brazil	1,361	1,469	1,450	1,438	1,012	1,012	1,093	1,217	1,196
Canada	1,678	1,863	1,860	1,803	1,568	1,568	1,694	1,719	1,730
Chile	166	202	203	194	184	184	195	202	205
China	9,525	11,144	13,156	14,540	16,207	16,207	16,868	16,828	17,081
Colombia	114	144	149	138	118	118	127	134	138
Czech Republic	98	106	105	94	92	92	98	97	101
Denmark	597	606	636	567	505	505	534	526	531
Finland	227	241	259	231	215	215	226	223	226
France	2,480	2,562	2,705	2,378	2,213	2,213	2,341	2,302	2,324
Germany	2,896	2,978	3,125	2,767	2,536	2,536	2,673	2,623	2,659
Greece	312	291	291	249	214	214	222	216	213
Hong Kong SAR	484	514	584	653	678	678	678	699	710
Hungary	67	65	63	52	41	41	43	41	42
India	887	986	998	1,080	1,136	1,136	1,175	1,153	1,210
Indonesia	243	283	271	297	291	291	306	317	325
Ireland	257	258	258	191	151	151	154	149	150
Israel	169	180	200	187	198	198	208	206	213
Italy	1,961	1,951	1,959	1,708	1,542	1,542	1,606	1,573	1,574
Japan	6,660	6,136	5,267	4,697	4,757	4,757	5,024	5,422	5,552
Korea	1,471	1,615	1,684	1,713	1,718	1,718	1,789	1,808	1,941
Luxembourg	47	49	56	55	52	52	55	56	58
Malaysia	339	394	403	412	363	363	400	396	390
Mexico	158	188	206	198	190	190	195	188	187
Netherlands	1,027	1,070	1,102	939	824	824	887	846	851
New Zealand	231	256	269	267	251	251	259	271	283
Norway	339	364	349	304	273	273	292	292	307
Poland	233	263	280	255	246	246	260	249	259
Portugal	347	331	328	268	230	230	238	232	231
Russia	745	945	1,036	718	616	616	677	683	697
Saudi Arabia	235	273	308	344	372	372	385	393	391
Singapore	270	325	355	360	348	348	370	371	369

Bank credit to the private non-financial sector (core debt), USD billions (cont)

Table F2.4

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	245	256	219	216	173	173	188	185	200
Spain	2,205	2,030	1,921	1,569	1,346	1,346	1,388	1,356	1,341
Sweden	672	735	770	667	643	643	677	663	661
Switzerland	1,003	1,084	1,158	1,069	1,070	1,070	1,121	1,110	1,122
Thailand	369	436	445	464	444	444	456	461	472
Turkey	323	408	453	496	474	474	500	507	498
United Kingdom	2,557	2,643	2,692	2,555	2,488	2,488	2,435	2,302	2,254
United States	7,657	7,917	8,096	8,601	9,252	9,252	9,355	9,557	9,615
<i>Memo:</i>									
<i>Euro area</i>	13,102	13,119	13,405	11,707	10,592	10,592	11,139	10,900	10,959
<i>G20</i>	48,763	51,297	52,968	52,222	52,587	52,587	54,670	55,004	55,727
<i>All reporting economies</i>	53,915	56,969	58,936	57,906	58,040	58,040	60,389	60,722	61,530
<i>Advanced economies</i>	36,343	36,693	36,289	33,983	33,073	33,073	34,320	34,524	34,841
<i>Emerging market economies</i>	17,572	20,277	22,646	23,923	24,967	24,967	26,069	26,198	26,689

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to households (core debt), % of GDP

Table F3.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	5.4	5.9	6.2	5.7	6.5	6.0	6.5	6.1	6.0	5.9
Australia	109.4	108.4	111.2	115.0	120.5	119.6	120.5	121.5	122.8	123.1
Austria	53.3	52.2	51.3	50.8	51.1	51.2	51.1	50.9	50.9	51.1
Belgium	53.7	54.7	55.8	57.7	58.7	58.2	58.7	59.2	59.3	59.1
Brazil	22.8	24.2	26.0	24.1	24.4	24.3	24.4	23.9	23.5	22.9
Canada	91.6	93.0	92.9	92.9	98.0	96.7	98.0	98.3	99.9	100.6
Chile	33.3	34.8	36.3	38.2	40.2	39.3	40.2	40.4	40.8	41.0
China	27.7	29.7	33.1	35.7	38.8	38.2	38.8	40.0	41.6	43.2
Colombia	20.1	21.7	23.1	24.3	25.2	25.1	25.2	25.2	25.3	25.4
Czech Republic	29.7	30.7	31.5	30.3	30.4	30.2	30.4	30.3	30.6	31.0
Denmark	134.8	132.7	126.5	124.2	119.6	120.3	119.6	120.2	120.5	120.7
Finland	61.3	63.6	64.0	65.5	66.8	66.7	66.8	66.6	67.2	67.6
France	54.8	55.2	55.6	56.0	56.6	56.5	56.6	56.5	56.7	57.1
Germany	57.0	56.3	55.3	54.2	53.6	53.7	53.6	53.3	53.4	53.5
Greece	63.7	64.6	65.1	63.5	62.6	62.8	62.6	62.1	61.7	60.9
Hong Kong SAR	59.1	61.3	62.7	65.6	67.1	67.0	67.1	66.6	66.4	66.7
Hungary	37.6	31.7	28.1	25.6	21.5	22.3	21.5	21.1	20.7	20.6
India	8.8	8.9	9.1	9.4	10.0	9.7	10.0	10.3	10.3	10.5
Indonesia	15.2	16.4	17.0	17.1	16.8	16.8	16.8	16.9	16.8	16.7
Ireland	105.2	98.8	93.2	82.4	57.8	62.7	57.8	56.7	56.8	55.5
Israel	39.6	39.5	39.7	40.3	40.8	40.7	40.8	40.9	41.3	41.5
Italy	43.8	44.0	43.5	42.7	42.2	42.3	42.2	41.9	41.8	41.7
Japan	63.5	62.9	62.8	62.3	61.7	61.7	61.7	61.9	61.9	62.2
Korea	79.7	80.8	82.3	84.2	88.4	87.0	88.4	88.8	90.0	91.6
Luxembourg	54.1	56.3	56.1	56.8	58.6	59.1	58.6	58.7	59.6	59.7
Malaysia	60.6	63.7	68.1	68.9	71.0	70.4	71.0	70.7	70.7	70.4
Mexico	13.7	14.1	14.7	14.8	15.5	15.4	15.5	16.1	16.3	16.5
Netherlands	118.4	118.5	114.7	113.0	111.9	112.2	111.9	111.4	111.3	111.0
New Zealand	87.4	88.5	88.7	88.3	91.8	90.7	91.8	92.3	93.6	94.4
Norway	81.6	83.0	85.8	89.3	95.4	93.8	95.4	96.7	99.0	101.1
Poland	35.2	34.1	35.1	35.6	36.1	36.5	36.1	36.0	36.6	36.5
Portugal	90.5	90.7	86.3	82.3	77.5	78.7	77.5	76.4	75.7	74.5
Russia	11.5	13.9	17.0	18.0	16.1	16.7	16.1	16.0	15.9	16.1
Saudi Arabia	9.2	9.8	10.6	11.4	13.8	13.1	13.8	14.7	15.0	15.1
Singapore	51.8	57.1	59.9	60.9	60.3	60.0	60.3	60.2	61.1	62.1

Total credit to households (core debt), % of GDP (cont)

Table F3.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	38.9	39.8	38.5	37.2	36.6	36.5	36.6	36.6	35.3	34.7
Spain	81.8	80.6	77.1	72.7	67.8	69.0	67.8	66.7	66.8	65.2
Sweden	78.1	80.5	82.3	83.2	83.9	83.7	83.9	84.0	84.9	85.3
Switzerland	114.4	117.9	119.7	122.4	125.4	125.5	125.4	126.7	127.6	128.2
Thailand	58.7	62.8	66.4	69.5	71.6	70.8	71.6	71.3	71.2	71.2
Turkey	17.2	18.2	19.6	18.7	17.9	18.3	17.9	17.6	17.5	17.7
United Kingdom	91.3	90.1	87.7	85.9	86.3	86.1	86.3	86.6	87.0	87.6
United States	86.1	83.1	81.3	80.2	79.2	79.0	79.2	78.7	79.2	79.4
<i>Memo:</i>										
<i>Euro area</i>	62.9	62.5	61.4	60.4	59.2	59.5	59.2	58.8	58.9	58.7
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
G20	58.2	58.7	58.1	55.4	57.9	57.1	57.9	59.7	60.0	60.5
<i>All reporting economies</i>	58.6	59.6	59.1	56.2	58.7	57.9	58.7	60.7	61.0	61.5
<i>Advanced economies</i>	75.9	77.0	76.3	71.7	74.5	73.9	74.5	76.3	76.0	76.1
<i>Emerging market economies</i>	25.4	28.2	29.8	30.0	32.4	31.4	32.4	34.4	35.3	36.6
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
G20	50.0	49.4	49.4	49.2	49.6	49.4	49.6	49.6	50.1	50.6
<i>All reporting economies</i>	50.6	50.2	50.3	50.2	50.6	50.4	50.6	50.7	51.2	51.6
<i>Advanced economies</i>	77.6	76.3	75.2	74.5	74.2	74.1	74.2	74.0	74.4	74.5
<i>Emerging market economies</i>	24.7	26.1	28.1	29.2	30.7	30.3	30.7	31.0	31.8	32.5

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to households (core debt), USD billions

Table F3.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	27	32	32	31	29	29	27	28	28
Australia	1,622	1,696	1,550	1,512	1,439	1,439	1,533	1,511	1,563
Austria	213	218	228	204	189	189	198	194	198
Belgium	263	280	302	281	262	262	278	274	276
Brazil	535	568	586	526	370	370	399	445	437
Canada	1,588	1,702	1,658	1,591	1,401	1,401	1,513	1,541	1,536
Chile	78	94	95	93	89	89	96	100	102
China	2,144	2,571	3,252	3,693	4,122	4,122	4,332	4,463	4,706
Colombia	64	82	85	78	64	64	68	72	74
Czech Republic	60	65	65	57	56	56	59	58	60
Denmark	433	445	451	400	354	354	373	366	370
Finland	156	168	179	163	152	152	160	158	161
France	1,460	1,521	1,624	1,455	1,345	1,345	1,410	1,388	1,410
Germany	1,991	2,049	2,158	1,926	1,767	1,767	1,855	1,827	1,854
Greece	171	163	162	137	119	119	124	120	119
Hong Kong SAR	147	161	173	191	208	208	207	208	211
Hungary	44	41	39	32	25	25	26	25	26
India	143	157	161	182	201	201	210	213	226
Indonesia	131	147	134	145	140	140	150	153	156
Ireland	235	229	231	193	161	161	167	162	162
Israel	97	105	121	114	122	122	128	127	133
Italy	928	936	962	841	753	753	788	770	776
Japan	4,030	3,619	3,013	2,677	2,720	2,720	2,935	3,216	3,286
Korea	921	1,039	1,115	1,139	1,179	1,179	1,228	1,243	1,342
Luxembourg	30	33	36	34	33	33	34	34	35
Malaysia	174	202	211	218	191	191	211	209	205
Mexico	142	169	181	174	163	163	173	165	162
Netherlands	985	1,008	1,033	910	825	825	864	847	855
New Zealand	143	157	166	165	155	155	160	168	176
Norway	380	442	434	376	337	337	363	366	387
Poland	160	180	193	174	166	166	174	167	174
Portugal	206	201	203	173	151	151	157	153	153
Russia	213	305	367	235	176	176	194	203	210
Saudi Arabia	62	72	79	86	90	90	93	94	95
Singapore	138	169	178	179	171	171	180	182	182

Total credit to households (core debt), USD billions (cont)

Table F3.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	145	152	129	122	95	95	102	99	106
Spain	1,132	1,106	1,090	916	794	794	824	812	803
Sweden	414	456	483	424	416	416	439	428	428
Switzerland	753	803	854	796	813	813	852	844	853
Thailand	209	253	261	277	268	268	276	280	287
Turkey	127	160	165	164	143	143	149	150	146
United Kingdom	2,303	2,440	2,524	2,440	2,392	2,392	2,344	2,213	2,168
United States	13,368	13,425	13,573	13,944	14,288	14,288	14,301	14,465	14,618
<i>Memo:</i>									
<i>Euro area</i>	7,974	8,115	8,415	7,432	6,739	6,739	7,050	6,925	6,991
<i>G20</i>	35,474	36,370	36,932	36,092	35,686	35,686	36,733	37,127	37,776
<i>All reporting economies</i>	38,768	40,025	40,742	39,666	39,121	39,121	40,347	40,728	41,445
<i>Advanced economies</i>	33,008	33,301	33,121	31,758	31,055	31,055	31,864	32,043	32,376
<i>Emerging market economies</i>	5,760	6,725	7,621	7,908	8,066	8,066	8,483	8,685	9,069

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to non-financial corporations (core debt), % of GDP

Table F4.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	13.0	13.4	13.8	11.6	12.6	11.4	12.6	12.6	12.4	12.5
Australia	69.3	71.2	75.2	78.1	82.1	82.6	82.1	82.7	82.9	82.0
Austria	92.6	93.7	96.1	92.6	92.9	93.1	92.9	92.3	91.9	92.9
Belgium	143.0	147.8	149.0	150.5	154.7	154.9	154.7	165.3	162.4	161.0
Brazil	41.2	42.9	45.3	46.3	46.8	46.6	46.8	45.8	45.1	43.9
Canada	90.3	95.8	101.8	105.6	115.9	113.7	115.9	115.5	117.0	119.2
Chile	80.9	86.5	92.9	102.8	111.1	112.4	111.1	108.8	107.3	107.5
China	119.9	130.6	140.7	149.9	162.8	158.2	162.8	166.2	166.8	166.2
Colombia	30.2	29.1	31.8	36.6	39.7	39.2	39.7	39.7	39.9	40.1
Czech Republic	56.4	57.3	61.1	64.5	58.6	59.7	58.6	58.5	58.7	59.3
Denmark	121.6	117.2	111.5	116.4	108.1	110.3	108.1	107.2	106.4	108.0
Finland	107.8	109.0	113.1	112.2	116.1	115.5	116.1	116.7	112.4	112.0
France	116.8	120.6	118.8	125.8	126.6	126.3	126.6	126.3	127.9	127.7
Germany	52.6	53.3	54.8	52.4	52.3	52.9	52.3	53.4	53.3	53.6
Greece	66.5	66.9	64.2	65.1	64.1	64.0	64.1	64.2	63.8	62.7
Hong Kong SAR	175.5	173.1	195.2	213.5	227.8	214.6	227.8	226.6	231.7	232.4
Hungary	91.8	87.3	83.4	82.3	77.7	77.4	77.7	76.9	77.4	71.5
India	50.3	51.7	52.0	50.4	50.9	50.1	50.9	51.1	49.6	49.5
Indonesia	14.9	18.2	21.8	22.5	23.8	23.6	23.8	22.8	23.2	23.1
Ireland	216.7	215.0	201.4	218.9	264.7	277.6	264.7	253.6	259.9	231.6
Israel	81.5	79.0	74.0	72.0	70.2	70.2	70.2	69.6	70.7	70.1
Italy	79.3	83.4	81.4	80.5	77.7	79.2	77.7	76.4	76.8	76.6
Japan	101.8	99.8	98.5	97.4	94.3	93.9	94.3	93.6	93.3	94.2
Korea	97.9	99.8	102.7	104.7	104.9	106.1	104.9	105.0	104.8	103.7
Luxembourg	342.3	358.2	338.6	344.7	366.8	362.1	366.8	366.7	353.9	350.7
Malaysia	61.3	60.4	62.4	63.9	67.8	68.1	67.8	66.3	65.9	66.8
Mexico	18.4	18.4	20.8	22.3	24.8	24.3	24.8	24.9	25.8	26.5
Netherlands	126.9	125.2	124.1	125.0	124.3	128.0	124.3	124.3	123.5	125.3
New Zealand	85.4	86.4	83.5	82.5	82.8	82.8	82.8	81.9	81.6	81.8
Norway	137.1	137.0	135.2	139.0	142.8	143.0	142.8	144.6	146.3	145.9
Poland	41.5	42.5	43.7	46.2	47.2	47.7	47.2	47.9	48.3	47.8
Portugal	129.5	141.0	134.3	125.9	118.5	119.3	118.5	117.3	116.3	115.1
Russia	41.7	40.5	44.4	54.4	58.3	56.0	58.3	57.6	54.8	53.9
Saudi Arabia	29.7	28.6	33.1	36.8	48.2	44.7	48.2	50.1	52.9	52.4
Singapore	82.2	89.5	100.7	109.2	116.3	111.7	116.3	117.0	119.6	121.1

Total credit to non-financial corporations (core debt), % of GDP (cont)

Table F4.1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	29.0	30.3	31.5	32.5	36.8	34.8	36.8	37.8	37.4	37.7
Spain	132.3	126.0	120.0	112.6	105.4	107.4	105.4	103.4	103.1	102.2
Sweden	148.6	148.0	148.7	149.1	149.9	148.3	149.9	144.3	143.8	143.2
Switzerland	85.7	89.9	87.5	85.2	84.5	85.4	84.5	85.4	86.0	86.4
Thailand	47.5	46.6	50.6	51.1	51.8	51.8	51.8	50.7	50.4	49.7
Turkey	44.4	44.8	52.4	56.2	62.0	64.1	62.0	61.7	62.8	64.1
United Kingdom	85.5	87.6	82.1	76.3	73.4	74.0	73.4	71.8	75.0	76.7
United States	66.3	66.9	67.6	68.9	70.9	70.5	70.9	71.9	72.3	72.8
<i>Memo:</i>										
<i>Euro area</i>	<i>102.1</i>	<i>103.2</i>	<i>100.6</i>	<i>102.8</i>	<i>104.6</i>	<i>105.4</i>	<i>104.6</i>	<i>104.8</i>	<i>105.1</i>	<i>103.8</i>
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
G20	79.4	83.5	85.7	84.2	90.7	89.3	90.7	94.6	94.7	94.9
<i>All reporting economies</i>	<i>79.8</i>	<i>84.3</i>	<i>86.2</i>	<i>84.4</i>	<i>91.0</i>	<i>89.5</i>	<i>91.0</i>	<i>94.9</i>	<i>95.0</i>	<i>95.2</i>
<i>Advanced economies</i>	<i>85.0</i>	<i>87.6</i>	<i>87.0</i>	<i>81.8</i>	<i>85.8</i>	<i>85.5</i>	<i>85.8</i>	<i>88.9</i>	<i>88.9</i>	<i>88.9</i>
<i>Emerging market economies</i>	<i>69.9</i>	<i>78.2</i>	<i>84.9</i>	<i>88.9</i>	<i>99.6</i>	<i>96.1</i>	<i>99.6</i>	<i>105.1</i>	<i>105.4</i>	<i>105.9</i>
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
G20	78.4	81.2	84.0	87.4	92.0	90.7	92.0	92.9	93.3	93.4
<i>All reporting economies</i>	<i>78.4</i>	<i>81.0</i>	<i>83.8</i>	<i>87.1</i>	<i>91.5</i>	<i>90.3</i>	<i>91.5</i>	<i>92.3</i>	<i>92.7</i>	<i>92.8</i>
<i>Advanced economies</i>	<i>86.2</i>	<i>86.8</i>	<i>85.9</i>	<i>86.8</i>	<i>88.0</i>	<i>88.1</i>	<i>88.0</i>	<i>88.4</i>	<i>88.8</i>	<i>88.9</i>
<i>Emerging market economies</i>	<i>71.0</i>	<i>75.7</i>	<i>81.9</i>	<i>87.4</i>	<i>94.5</i>	<i>92.1</i>	<i>94.5</i>	<i>95.6</i>	<i>96.0</i>	<i>96.0</i>

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to non-financial corporations (core debt), USD billions

Table F4.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	66	72	71	63	57	57	55	57	60
Australia	1,027	1,114	1,048	1,026	981	981	1,044	1,020	1,041
Austria	370	392	428	372	343	343	360	351	359
Belgium	701	756	805	732	691	691	776	749	752
Brazil	965	1,009	1,021	1,009	709	709	766	854	838
Canada	1,565	1,754	1,815	1,807	1,658	1,658	1,777	1,805	1,820
Chile	189	233	243	250	247	247	258	263	268
China	9,277	11,300	13,802	15,528	17,269	17,269	18,014	17,882	18,090
Colombia	96	109	117	117	100	100	107	114	117
Czech Republic	114	122	126	122	108	108	113	112	115
Denmark	391	393	398	375	320	320	332	323	331
Finland	275	287	317	280	264	264	280	264	266
France	3,112	3,322	3,467	3,270	3,007	3,007	3,155	3,129	3,152
Germany	1,836	1,939	2,138	1,863	1,725	1,725	1,859	1,823	1,857
Greece	178	169	160	141	122	122	128	124	123
Hong Kong SAR	437	455	538	621	704	704	706	728	737
Hungary	106	113	117	102	91	91	95	94	90
India	814	911	919	976	1,017	1,017	1,047	1,022	1,064
Indonesia	129	162	171	192	199	199	203	211	215
Ireland	485	498	500	513	737	737	745	743	677
Israel	199	210	226	205	209	209	217	218	225
Italy	1,681	1,774	1,801	1,584	1,389	1,389	1,437	1,415	1,425
Japan	6,463	5,742	4,727	4,182	4,154	4,154	4,434	4,848	4,975
Korea	1,131	1,283	1,391	1,415	1,398	1,398	1,452	1,448	1,519
Luxembourg	190	207	216	206	204	204	215	203	205
Malaysia	176	192	193	202	183	183	198	194	194
Mexico	192	220	256	262	260	260	268	260	260
Netherlands	1,055	1,066	1,117	1,006	916	916	964	940	966
New Zealand	139	153	156	155	140	140	142	147	152
Norway	638	729	685	586	505	505	543	540	558
Poland	189	224	240	225	217	217	232	221	227
Portugal	295	313	315	265	232	232	242	235	236
Russia	770	886	958	710	635	635	697	696	706
Saudi Arabia	199	211	247	278	314	314	319	333	328
Singapore	219	265	300	320	331	331	350	356	355

Total credit to non-financial corporations (core debt), USD billions (cont)

Table F4.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	108	116	106	107	96	96	105	105	115
Spain	1,832	1,728	1,698	1,418	1,234	1,234	1,277	1,254	1,261
Sweden	788	839	873	760	742	742	754	726	719
Switzerland	564	613	624	554	548	548	574	569	575
Thailand	169	188	199	204	194	194	197	198	201
Turkey	327	394	441	492	495	495	525	536	530
United Kingdom	2,157	2,373	2,364	2,167	2,035	2,035	1,943	1,909	1,899
United States	10,282	10,802	11,289	11,977	12,780	12,780	13,062	13,214	13,408
<i>Memo:</i>									
<i>Euro area</i>	12,941	13,390	13,791	12,651	11,903	11,903	12,554	12,355	12,348
<i>G20</i>	48,414	51,739	54,416	54,842	55,959	55,959	58,266	58,555	59,217
<i>All reporting economies</i>	52,828	56,577	59,451	59,640	60,598	60,598	63,086	63,357	64,080
<i>Advanced economies</i>	36,956	37,902	37,770	36,240	35,765	35,765	37,160	37,455	37,826
<i>Emerging market economies</i>	15,872	18,675	21,680	23,400	24,833	24,833	25,926	25,901	26,255

For the composition of regional aggregates, see footnote 1 of Table F1.1.

Total credit to the government sector at market value (core debt), % of GDP

Table F5.1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Memo: Govt broad debt estimates for end-2015 ¹
Australia	24.5	28.4	30.1	34.6	37.1	37.1	38.8	39.1	40.5	68.9
Austria	88.5	93.0	89.4	97.5	96.8	96.8	100.0	101.9	99.7	104.7
Belgium	106.3	116.1	114.6	125.9	122.9	122.9	128.7	130.9	130.3	126.5
Canada	74.8	77.2	73.0	74.1	78.1	78.1	78.6	80.5	81.2	121.3
Chile	13.5	13.9	14.6	18.0	19.9	19.9	20.6	22.0	23.4	24.7
Czech Republic	42.1	49.4	49.2	48.2	45.5	45.5	45.5	44.6	43.5	53.9
Denmark	52.5	53.1	48.9	51.1	45.5	45.5	46.5	48.2	47.5	53.1
Finland	52.1	58.7	59.1	66.3	69.0	69.0	70.2	68.4	68.1	74.9
France	90.7	99.8	99.7	108.7	109.0	109.0	113.3	115.6	115.2	121.1
Germany	84.3	86.8	81.8	82.2	77.9	77.9	78.8	78.8	78.2	78.0
Greece	98.9	152.5	169.7	171.4	171.8	171.8	171.1	175.2	172.3	181.4
Hungary	78.2	81.5	80.1	83.9	83.7	83.7	86.0	83.5	83.8	97.0
Ireland	105.1	124.4	128.6	118.6	88.2	88.2	90.0	87.9	87.9	91.6
Israel	72.8	74.0	72.1	72.6	70.9	70.9	71.2	71.6	69.8	
Italy	112.3	130.7	138.6	151.1	153.2	153.2	157.2	157.4	154.8	157.7
Japan	189.7	196.6	202.9	210.7	207.6	207.6	213.6	219.0	216.1	213.6
Korea	30.6	33.4	35.2	38.2	40.2	40.2	42.3	42.7	42.3	46.2
Luxembourg	19.5	22.9	23.9	24.6	23.9	23.9	24.5	24.2	23.7	31.4
Netherlands	67.6	73.6	72.3	76.9	73.2	73.2	74.1	74.5	72.2	77.9
Norway	28.9	30.2	30.5	28.4	33.1	33.1	34.1	36.5	36.1	38.8
Poland	54.4	54.0	55.9	50.4	51.1	51.1	51.8	53.6	53.3	66.2
Portugal	96.4	126.2	130.7	141.1	140.5	140.5	138.8	140.6	141.8	149.6
Spain	69.4	86.1	99.9	113.3	111.6	111.6	113.9	114.9	115.5	116.8
Sweden	40.8	40.4	42.3	48.5	46.6	46.6	46.0	46.8	45.0	61.7
Switzerland	33.5	34.5	33.2	34.7	34.5	34.5	34.2	33.9	33.6	45.3
Turkey	36.9	35.8	31.6	30.6	24.3	24.3	23.9	23.8	24.2	27.4
United Kingdom	95.8	98.2	94.5	105.6	104.9	104.9	107.5	115.5	118.8	112.1
United States	99.7	102.5	99.0	101.3	100.1	100.1	102.9	103.6	103.5	128.6
Euro area	87.7	98.2	99.5	106.0	103.8	103.8	106.2	107.0	106.0	109.0

¹ Broad debt is a BIS calculation based on reported data on national financial accounts; specific estimation for Japan, Korea, Switzerland and the United States. Core debt comprises debt securities, loans and currency & deposits. Broad debt is core debt plus Special Drawing Rights (SDR), insurance, pension and standardised guarantee schemes (IPSGS) and other accounts payable. These three additional types of financial liability have been excluded from the BIS core debt measure mainly because of the lack of international comparability. For instance, SDR are registered as liabilities of the general government in some countries, but as liabilities of the central bank in others. The size of the IPSGS also varies substantially, depending in particular on whether pension liabilities for government employees are recorded under this debt instrument. Lastly, the recording of "other accounts payable" depends on the inclusion of trade credits, which are not recorded in the same way in all countries, and can also be inflated by intra-government transfer payments or by institutional changes in the pension system.

Total credit to the government sector at market value (core debt), % of GDP (cont) Table F5.1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
<i>Aggregates based on conversion to US dollars at market exchange rates</i>									
G20	81.1	85.0	82.6	81.7	85.1	85.1	90.4	92.7	92.7
All reporting economies	78.0	82.1	79.8	78.8	82.3	82.3	87.5	89.6	89.6
Advanced economies	100.0	106.3	104.1	102.1	106.1	106.1	112.4	114.8	114.2
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>									
G20	70.9	73.5	73.3	76.1	76.5	76.5	78.0	79.1	79.1
All reporting economies	68.9	71.4	71.3	73.9	74.4	74.4	75.8	76.9	76.9
Advanced economies	100.9	106.6	106.1	110.7	109.2	109.2	112.2	113.8	113.3

For the composition of regional aggregates, see footnote 1 in table F1.1. Where data on credit to the government sector at market value are not available, data on nominal value are used for the aggregates.

Total credit to the government sector at market value (core debt), USD billions

Table F5.2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Australia	363	444	420	455	443	443	490	481	515
Austria	353	389	398	391	358	358	389	389	386
Belgium	521	594	619	612	549	549	604	604	609
Canada	1,296	1,413	1,303	1,269	1,117	1,117	1,210	1,242	1,240
Chile	31	38	38	44	44	44	49	54	58
Czech Republic	85	105	101	91	83	83	88	85	84
Denmark	169	178	174	165	135	135	144	146	146
Finland	133	155	166	165	157	157	168	161	162
France	2,416	2,748	2,909	2,825	2,588	2,588	2,830	2,828	2,844
Germany	2,943	3,160	3,192	2,921	2,571	2,571	2,743	2,697	2,708
Greece	265	385	422	370	328	328	341	340	337
Hungary	91	105	112	105	98	98	106	101	105
Ireland	235	288	319	278	245	245	265	251	257
Israel	178	197	220	206	212	212	222	221	225
Italy	2,379	2,781	3,067	2,973	2,737	2,737	2,956	2,900	2,878
Japan	12,046	11,305	9,736	9,044	9,151	9,151	10,118	11,382	11,417
Korea	354	429	477	517	536	536	585	590	620
Luxembourg	11	13	15	15	13	13	14	14	14
Netherlands	562	626	651	619	539	539	575	567	556
Norway	135	161	154	120	117	117	128	135	138
Poland	247	285	307	246	235	235	251	245	254
Portugal	220	280	307	296	275	275	286	284	290
Spain	961	1,182	1,413	1,426	1,307	1,307	1,407	1,398	1,424
Sweden	216	229	248	247	231	231	240	236	226
Switzerland	221	235	237	226	223	223	230	224	224
Turkey	272	315	266	268	194	194	203	203	200
United Kingdom	2,417	2,659	2,719	3,000	2,908	2,908	2,911	2,938	2,942
United States	15,471	16,556	16,527	17,611	18,047	18,047	18,693	18,929	19,045
<i>Memo:</i>									
Euro area	11,114	12,739	13,640	13,049	11,811	11,811	12,729	12,584	12,619
G20	49,442	52,634	52,495	53,226	52,457	52,457	55,649	57,302	57,841
All reporting economies	51,637	55,115	55,051	55,636	54,813	54,813	58,143	59,800	60,357
Advanced economies	43,502	45,984	45,221	45,250	44,239	44,239	46,950	48,357	48,571

For the composition of regional aggregates, see footnote 1 in table F1.1. Where data on credit to the government sector at market value are not available, data on nominal value are used for the aggregates.

Total credit to the government sector at nominal value (core debt), % of GDP¹

Table F5.3

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	35.4	36.8	39.5	41.4	49.5	41.2	49.5	57.2	55.9	55.9
Australia	21.8	24.9	27.7	31.0	33.7	33.3	33.7	34.4	34.7	35.5
Austria	82.5	82.0	81.3	84.4	85.6	86.5	85.6	86.6	86.8	84.4
Belgium	102.3	104.1	105.4	106.5	105.8	108.7	105.8	109.1	109.6	108.8
Brazil	60.6	61.6	59.6	61.6	71.7	69.7	71.7	72.5	73.2	74.2
Canada	67.2	69.4	69.0	67.4	71.4	70.7	71.4	71.7	72.3	72.7
China	32.9	34.1	37.1	40.2	43.4	42.6	43.4	44.4	45.3	46.1
Colombia	33.7	32.3	34.3	38.5	50.4	50.4	50.4	51.5	50.9	51.2
Czech Republic	39.9	44.5	44.9	42.2	40.3	40.6	40.3	40.3	39.8	38.7
Denmark	46.1	44.9	44.0	44.0	39.6	40.9	39.6	38.9	39.3	38.4
Finland	48.5	53.9	56.5	60.2	63.6	61.4	63.6	64.1	61.6	61.6
France	85.2	89.5	92.3	95.2	96.2	96.9	96.2	97.5	98.5	97.6
Germany	78.8	79.9	77.3	74.7	71.2	72.0	71.2	70.8	70.4	69.6
Greece	172.0	159.5	177.6	179.8	177.8	172.6	177.8	176.8	180.3	177.3
Hong Kong SAR	58.8	64.1	66.4	67.0	73.8	71.9	73.8	73.6	73.7	74.2
Hungary	80.7	78.2	76.6	75.7	74.8	77.5	74.8	76.6	75.0	74.4
India	66.3	66.7	66.8	67.1	68.7	68.4	68.7	68.6	68.6	68.2
Indonesia	23.1	22.9	24.8	24.6	27.5	27.3	27.5	27.4	28.1	28.5
Ireland	109.7	119.5	119.6	105.4	78.7	85.5	78.7	80.0	77.7	77.1
Israel	68.9	68.5	67.1	66.2	63.9	64.6	63.9	63.6	63.7	62.4
Italy	116.5	123.3	129.0	131.8	132.4	134.1	132.4	135.1	135.6	132.8
Japan	186.1	192.9	197.9	201.3	199.0	199.1	199.0	198.9	200.4	201.3
Luxembourg	18.8	21.8	23.5	22.8	22.1	22.1	22.1	22.4	22.0	21.5
Malaysia	50.0	51.7	53.0	52.7	54.5	54.6	54.5	53.5	55.3	53.4
Mexico	27.9	28.5	31.1	33.1	35.6	34.8	35.6	36.5	36.0	36.8
Netherlands	61.6	66.4	67.7	67.9	65.1	66.2	65.1	64.8	63.7	61.9
New Zealand	33.5	36.6	34.5	34.4	33.2	32.4	33.2	32.2	33.0	33.2
Norway	27.5	29.2	29.7	27.5	32.0	31.1	32.0	32.8	35.3	35.0
Poland	54.2	53.7	55.7	50.3	51.2	51.5	51.2	51.8	53.5	53.2
Portugal	111.4	126.2	129.0	130.6	129.0	130.7	129.0	128.9	131.6	133.2
Russia	11.3	12.1	13.5	16.3	16.9	15.9	16.9	16.4	16.2	16.0
Saudi Arabia	5.4	3.0	2.1	1.6	5.8	4.7	5.8	7.8	9.7	11.6
Singapore	102.2	106.5	103.9	99.8	104.7	102.4	104.7	108.4	110.0	111.5
South Africa	40.5	43.4	46.2	49.2	51.9	50.8	51.9	51.8	52.9	53.3
Spain	69.5	85.7	95.4	100.4	99.8	100.2	99.8	101.0	101.0	100.3

Total credit to the government sector at nominal value (core debt), % of GDP¹
 (cont)

Table F5.3

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Sweden	37.6	37.7	40.4	45.2	43.9	43.7	43.9	42.7	43.3	41.4
Switzerland	33.2	34.2	34.2	34.7	34.0	34.2	34.0	34.0	33.8	33.7
Thailand	27.3	28.5	29.7	30.1	32.6	31.0	32.6	32.5	31.6	31.9
Turkey	36.5	32.7	31.3	28.7	27.6	29.1	27.6	27.1	27.0	27.4
United Kingdom	81.6	85.1	86.2	88.1	89.1	88.2	89.1	87.8	89.2	88.5
United States	91.7	95.1	96.9	96.8	97.2	93.8	97.2	97.9	97.3	97.9
<i>Memo:</i>										
<i>Euro area</i>	86.1	89.5	91.3	92.0	90.4	91.4	90.4	91.3	91.4	90.2
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
G20	77.5	80.0	79.4	76.3	80.3	78.5	80.3	83.8	85.0	85.3
<i>All reporting economies</i>	74.6	77.3	76.8	73.6	77.7	76.0	77.7	81.2	82.3	82.6
<i>Advanced economies</i>	94.9	99.0	99.3	94.0	98.9	97.0	98.9	102.4	103.2	103.1
<i>Emerging market economies</i>	35.8	38.0	38.4	39.2	42.4	41.2	42.4	45.3	46.5	47.5
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
G20	68.0	69.6	70.9	71.7	72.8	71.9	72.8	73.1	73.4	73.7
<i>All reporting economies</i>	66.2	67.8	69.0	69.7	70.9	70.0	70.9	71.2	71.5	71.7
<i>Advanced economies</i>	95.5	99.2	101.4	101.9	101.5	100.4	101.5	102.1	102.1	102.0
<i>Emerging market economies</i>	38.2	38.7	40.3	42.0	45.1	44.2	45.1	45.2	46.0	46.7

¹ Consolidated figures for the general government sector; central government for Argentina, Indonesia, Malaysia, Mexico, Saudi Arabia and Thailand. For the composition of regional aggregates, see footnote 1 of table F1.1. Where data on credit to the government sector at nominal value are not available, data on market value are used for the aggregates.

Total credit to the government sector at nominal value (core debt), USD bn¹

Table F5.4

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	179	197	203	224	224	224	248	258	271
Australia	323	390	386	408	402	402	435	427	450
Austria	330	343	362	339	317	317	337	332	326
Belgium	502	532	570	518	473	473	512	506	508
Brazil	1,421	1,448	1,345	1,342	1,086	1,086	1,212	1,386	1,415
Canada	1,164	1,270	1,231	1,154	1,021	1,021	1,103	1,115	1,110
China	2,550	2,954	3,641	4,162	4,608	4,608	4,815	4,861	5,021
Colombia	108	121	126	123	127	127	140	145	149
Czech Republic	81	95	93	80	74	74	78	76	75
Denmark	148	150	157	142	117	117	121	119	118
Finland	124	142	158	150	145	145	154	145	146
France	2,269	2,465	2,693	2,475	2,284	2,284	2,436	2,410	2,411
Germany	2,753	2,909	3,019	2,657	2,349	2,349	2,466	2,408	2,412
Greece	461	403	442	388	339	339	352	350	347
Hong Kong SAR	146	168	183	195	228	228	229	231	235
Hungary	93	101	107	94	88	88	95	91	93
India	1,073	1,174	1,180	1,301	1,373	1,373	1,405	1,412	1,466
Indonesia	199	205	195	210	229	229	244	255	265
Ireland	245	277	297	247	219	219	235	222	226
Israel	169	182	205	188	191	191	199	197	201
Italy	2,468	2,626	2,855	2,595	2,365	2,365	2,539	2,499	2,469
Japan	11,818	11,096	9,495	8,644	8,772	8,772	9,424	10,419	10,633
Luxembourg	10	13	15	14	12	12	13	13	13
Malaysia	144	164	165	167	147	147	160	163	155
Mexico	291	342	382	388	374	374	394	364	361
Netherlands	513	565	610	547	480	480	503	485	478
New Zealand	55	65	65	64	56	56	56	59	62
Norway	128	155	151	116	113	113	123	130	134
Poland	246	283	306	245	235	235	251	245	253
Portugal	254	280	303	274	252	252	266	266	273
Russia	209	266	291	213	184	184	198	206	209
Saudi Arabia	36	22	16	12	38	38	50	61	73
Singapore	272	315	309	293	298	298	324	328	327
South Africa	151	166	155	162	135	135	144	149	163
Spain	962	1,175	1,349	1,264	1,168	1,168	1,248	1,228	1,236

Total credit to the government sector at nominal value (core debt), USD bn¹ (cont) Table F5.4

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16
Sweden	199	214	237	230	218	218	223	218	208
Switzerland	218	233	244	226	221	221	228	224	224
Thailand	97	115	117	120	122	122	126	124	129
Turkey	269	287	264	251	220	220	230	230	227
United Kingdom	2,058	2,304	2,481	2,501	2,471	2,471	2,376	2,270	2,191
United States	14,228	15,358	16,179	16,844	17,533	17,533	17,772	17,781	18,017
<i>Memo:</i>									
<i>Euro area</i>	10,914	11,609	12,512	11,323	10,288	10,288	10,939	10,746	10,731
<i>G20</i>	47,239	49,517	50,433	49,653	49,493	49,493	51,573	52,531	53,223
<i>All reporting economies</i>	49,375	51,917	52,935	51,979	51,771	51,771	53,975	54,936	55,644
<i>Advanced economies</i>	41,255	42,844	43,137	41,651	41,211	41,211	42,800	43,509	43,878
<i>Emerging market economies</i>	8,120	9,073	9,797	10,328	10,559	10,559	11,174	11,427	11,767

¹ Consolidated figures for the general government sector; central government for Argentina, Indonesia, Malaysia, Mexico, Saudi Arabia and Thailand. For the composition of regional aggregates, see footnote 1 of table F1.1. Where data on credit to the government sector at nominal value are not available, data on market value are used for the aggregates.

G Debt service ratios of the private non-financial sector

www.bis.org/statistics/dsr.htm

The BIS compiles and publishes aggregate debt service ratios (DSRs) for the private non-financial sector (PNFS). The DSR reflects the share of income used to service debt, given interest rates, principal repayments and loan maturities. It provides a more comprehensive assessment of credit burdens than the credit-to-income ratio or simple measures of interest payments relative to income, because it takes both interest payments and amortisations into account.

The DSRs are constructed using data inputs such as income, debt, interest rates and average remaining maturity. The data are primarily based on national accounts and reasonable estimates made by the BIS in liaison with national authorities about maturity structures from countries where more granular data are available. The DSRs are available for the household sector, the non-financial corporate sector and the total PNFS, which includes the other two sectors. The three-sector decomposition is available for 17 countries. Total PNFS DSRs are also available for 15 additional countries, using different and simplified income and interest rates measures, due to limited data availability at the national level.

The DSR is an especially important variable for understanding the interactions between the financial and the business cycle. Even in the absence of a crisis, a high DSR can have a strong negative impact on consumption and investment.³³ It was also proven to be a highly reliable early warning indicator for systemic banking crises, as a complement to stock-based leverage measures.³⁴ It is most meaningful to compare DSRs over time within a specific country, for instance by looking at deviation of DSRs from a country-specific mean, because of the difficulties in pinpointing the level accurately. In a cross-country context, such an approach will also take care of different institutional and behavioural settings affecting the underlying estimates for remaining maturities. Thus, removing country-specific averages first allows for a more appropriate cross-country comparison of how DSRs have evolved over time.

³³ See eg M Juselius and M Drehmann "Leverage dynamics and the real burden of debt", *BIS Working Papers*, no 501, May 2015.

³⁴ See eg M Drehmann and M Juselius (2014): "Evaluating early warning indicators of banking crises: satisfying policy requirements", *International Journal of Forecasting*, vol 30(3), pp 759–80.

Debt service ratios of the private non-financial sector¹

Table G1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Australia	21.4	20.7	20.2	20.2	21.0	21.2	21.4	21.5	21.5	21.4
Belgium	19.7	20.4	20.4	20.9	21.2	21.2	21.1	22.0	21.5	21.2
<i>Brazil</i>	<i>17.5</i>	<i>16.1</i>	<i>15.5</i>	<i>17.0</i>	<i>19.6</i>	<i>20.3</i>	<i>21.2</i>	<i>21.8</i>	<i>21.9</i>	<i>21.5</i>
Canada	20.5	21.1	21.6	22.3	23.4	23.5	24.0	23.9	24.2	24.5
<i>China</i>	<i>16.1</i>	<i>16.8</i>	<i>18.2</i>	<i>19.3</i>	<i>19.2</i>	<i>19.1</i>	<i>19.3</i>	<i>19.8</i>	<i>20.0</i>	<i>20.0</i>
<i>Czech Republic</i>	<i>7.5</i>	<i>7.6</i>	<i>7.8</i>	<i>8.0</i>	<i>7.5</i>	<i>7.4</i>	<i>7.3</i>	<i>7.3</i>	<i>7.3</i>	<i>7.4</i>
Denmark	28.0	27.5	27.5	24.7	23.0	22.7	22.4	22.9	23.3	23.3
Finland	16.8	17.1	17.3	16.8	16.7	16.7	16.9	17.1	16.3	16.4
France	16.6	17.4	17.4	17.8	17.6	17.4	17.4	17.2	17.2	17.1
Germany	10.4	10.0	10.2	10.0	9.8	9.8	9.6	9.7	9.7	9.7
<i>Hong Kong SAR</i>	<i>20.2</i>	<i>19.9</i>	<i>21.5</i>	<i>23.8</i>	<i>24.5</i>	<i>23.9</i>	<i>25.1</i>	<i>24.9</i>	<i>25.4</i>	<i>25.5</i>
<i>Hungary</i>	<i>15.8</i>	<i>15.6</i>	<i>14.5</i>	<i>12.0</i>	<i>10.1</i>	<i>9.8</i>	<i>9.6</i>	<i>9.3</i>	<i>9.2</i>	<i>8.5</i>
<i>India</i>	<i>7.9</i>	<i>8.7</i>	<i>8.9</i>	<i>8.8</i>	<i>8.5</i>	<i>8.4</i>	<i>8.4</i>	<i>8.4</i>	<i>8.2</i>	<i>8.1</i>
<i>Indonesia</i>	<i>3.3</i>	<i>3.6</i>	<i>3.9</i>	<i>4.3</i>	<i>4.6</i>	<i>4.6</i>	<i>4.7</i>	<i>4.5</i>	<i>4.5</i>	<i>4.5</i>
Italy	13.2	13.4	13.0	12.5	11.9	11.9	11.6	11.5	11.2	11.2
Japan	14.8	14.5	14.3	14.4	14.3	14.2	14.2	14.1	14.0	14.1
Korea	20.5	20.6	20.6	20.1	19.6	19.6	19.4	19.4	19.4	19.3
<i>Malaysia</i>	<i>11.2</i>	<i>11.6</i>	<i>12.1</i>	<i>12.4</i>	<i>13.3</i>	<i>13.5</i>	<i>13.5</i>	<i>13.4</i>	<i>13.4</i>	<i>13.4</i>
<i>Mexico</i>	<i>3.5</i>	<i>3.5</i>	<i>3.7</i>	<i>3.7</i>	<i>3.9</i>	<i>4.0</i>	<i>4.0</i>	<i>4.1</i>	<i>4.3</i>	<i>4.4</i>
Netherlands	25.5	26.0	25.5	25.6	26.2	26.0	25.5	25.5	25.4	25.6
Norway	29.0	28.9	27.7	26.0	25.0	24.8	24.6	24.9	25.1	25.3
<i>Poland</i>	<i>7.7</i>	<i>8.1</i>	<i>8.1</i>	<i>7.8</i>	<i>7.7</i>	<i>7.7</i>	<i>7.6</i>	<i>7.6</i>	<i>7.6</i>	<i>7.5</i>
Portugal	21.0	21.8	20.8	19.5	18.5	18.3	18.1	17.9	17.7	17.4
<i>Russia</i>	<i>6.3</i>	<i>6.8</i>	<i>7.7</i>	<i>9.2</i>	<i>12.7</i>	<i>12.0</i>	<i>12.0</i>	<i>11.6</i>	<i>11.0</i>	<i>10.5</i>
<i>South Africa</i>	<i>8.0</i>	<i>7.8</i>	<i>7.7</i>	<i>7.7</i>	<i>8.1</i>	<i>8.0</i>	<i>8.4</i>	<i>8.6</i>	<i>8.5</i>	<i>8.6</i>
Spain	20.8	20.4	18.6	17.4	15.9	15.6	15.5	15.1	15.3	14.9
Sweden	22.5	23.1	22.6	22.2	21.4	21.5	21.2	20.8	20.3	20.3
<i>Switzerland</i>	<i>15.7</i>	<i>15.9</i>	<i>15.8</i>	<i>15.7</i>	<i>15.4</i>	<i>15.4</i>	<i>15.3</i>	<i>15.4</i>	<i>15.4</i>	<i>15.4</i>
<i>Thailand</i>	<i>9.0</i>	<i>10.1</i>	<i>10.4</i>	<i>10.7</i>	<i>10.7</i>	<i>10.7</i>	<i>10.7</i>	<i>10.5</i>	<i>10.4</i>	<i>10.3</i>
<i>Turkey</i>	<i>8.9</i>	<i>10.4</i>	<i>9.7</i>	<i>11.8</i>	<i>13.3</i>	<i>14.0</i>	<i>14.3</i>	<i>14.4</i>	<i>14.4</i>	<i>14.1</i>
United Kingdom	16.2	16.4	15.9	15.2	14.6	14.6	14.5	14.5	14.7	15.0
United States	15.0	14.5	14.2	14.3	14.3	14.3	14.4	14.5	14.5	14.6

¹ Entries in italics indicate countries which are using alternative measures of income and interest rates; please see the "Methodology and data for DSR calculation" at www.bis.org/statistics/dsr.htm. Annual figures refer to the average of the year.

Debt service ratios of households¹

Table G2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Australia	16.7	15.9	15.1	14.8	15.1	15.1	15.2	15.2	15.3	15.3
Belgium	7.0	7.2	7.3	7.7	7.9	7.9	7.9	7.9	7.9	7.8
Canada	12.7	12.6	12.5	12.4	12.4	12.4	12.3	12.3	12.4	12.3
Denmark	19.7	19.5	18.5	17.5	16.6	16.4	16.2	16.1	16.1	15.9
Finland	7.1	7.1	6.8	7.0	7.1	7.1	7.1	7.1	7.0	7.1
France	6.2	6.3	6.4	6.3	6.4	6.4	6.3	6.2	6.2	6.2
Germany	7.3	7.1	6.9	6.7	6.5	6.5	6.4	6.4	6.3	6.3
Italy	5.3	5.3	4.9	4.8	4.7	4.7	4.6	4.5	4.5	4.5
Japan	7.2	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3
Korea	12.2	12.0	11.7	11.2	11.0	11.0	11.1	11.1	11.2	11.3
Netherlands	19.4	19.5	19.0	18.5	18.2	18.1	18.0	17.8	17.8	17.8
Norway	14.6	15.1	15.5	15.3	14.5	14.3	14.2	14.3	14.5	14.8
Portugal	9.9	9.7	8.8	8.5	8.0	7.9	7.8	7.8	7.6	7.5
Spain	9.4	9.2	8.6	8.1	7.5	7.3	7.4	7.1	7.3	6.9
Sweden	11.5	11.6	11.3	11.3	11.1	11.0	11.1	11.0	11.1	11.2
United Kingdom	10.7	10.4	10.2	10.0	9.7	9.7	9.6	9.7	9.6	9.7
United States	9.3	8.8	8.5	8.4	8.3	8.2	8.3	8.2	8.2	8.2

¹ Annual figures refer to the average of the year.

Debt service ratios of non-financial corporations¹

Table G3

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Australia	42.4	41.6	43.7	46.0	52.1	53.3	55.1	56.3	56.7	56.0
Belgium	48.7	50.7	51.2	52.0	50.6	50.3	49.6	52.0	49.9	49.1
Canada	42.3	44.3	47.4	48.8	54.1	54.9	57.7	58.5	59.7	61.2
Denmark	49.4	47.7	47.9	40.3	36.0	35.5	35.1	36.5	39.0	39.6
Finland	38.9	40.8	44.5	40.9	39.5	39.7	40.4	42.4	39.8	39.6
France	46.3	50.3	51.7	52.8	50.9	50.2	49.9	49.3	48.7	48.5
Germany	18.4	18.2	19.3	19.0	18.7	18.7	18.4	18.7	18.6	18.9
Italy	40.1	42.5	43.0	41.0	39.5	39.2	38.8	37.8	37.1	36.6
Japan	36.3	35.8	34.0	33.7	32.4	31.8	31.5	31.2	31.1	31.4
Korea	40.1	41.3	42.3	41.8	40.9	40.8	40.0	40.0	39.9	39.4
Netherlands	36.9	38.0	37.9	39.3	41.6	41.4	40.3	40.9	41.2	41.8
Norway	56.2	53.8	47.5	42.7	42.0	42.0	42.0	42.5	42.8	42.8
Portugal	63.5	66.8	63.5	58.0	55.3	54.8	55.3	54.8	54.4	54.1
Spain	54.2	53.4	47.7	43.3	38.6	37.9	38.1	37.2	36.7	36.3
Sweden	39.5	41.8	42.1	40.9	39.3	39.7	38.4	37.4	35.1	35.1
United Kingdom	34.0	37.1	35.7	33.3	32.1	32.2	31.8	31.7	33.2	34.3
United States	37.8	37.5	37.0	37.2	38.3	38.5	39.2	39.9	40.3	40.7

¹ Annual figures refer to the average of the year.

H Property price statistics

www.bis.org/statistics/pp.htm

The BIS publishes both residential and commercial property price indicators. Households, analysts and policymakers share a keen interest in residential property price developments. Buying a house is often the largest single transaction for a household, and property its largest asset. Fluctuations in house prices have a large impact on households' net wealth, and their propensity to spend. In addition, residential property values underpin much of the mortgage market in advanced economies. This makes house markets a central element in the analysis of trends in aggregate expenditure, the strength of bank balance sheets and the interactions of macroeconomic and financial stability. Moreover, house prices are relevant to statisticians who compile macroeconomic series on households' wealth, or consumer price indices.³⁵ Similarly, commercial property price indicators (CPPIs) have long been seen as a useful tool for monitoring financial stability and macroeconomic developments. They tend to be more cyclical than residential prices – rising further in booms and falling more in busts.

Characteristics of residential property price indicators

Property price data series differ significantly from country to country in international data sets. They may vary in terms of frequency, type of property and vintage, area covered, priced unit, compilation method or seasonal adjustment. The specificities of each country's residential property markets and the absence of binding international standards for property price statistics could explain this variety of dimensions.

The BIS started to publish its detailed residential property price data set under the aegis of the Data Gaps Initiative (DGI) endorsed by the G20. The BIS data set comprises close to 300 residential property price series for 59 countries, including long series for 23 countries. The number of series published for each country varies along a number of dimensions, reflecting two aspects: first, the number of available breakdowns (for example, new and existing dwellings, or dwelling types); and second, the number of distinct compilers. Data are collected with the assistance of national central banks from various public and private sources.

To facilitate cross-country analysis, the BIS also publishes a set of indicators that are intended to be as homogeneous as possible given the prevailing discrepancies in sources and compilation methods. These series, which are published in the *BIS Statistical Bulletin*, contain a single residential property price indicator per country, covering in most cases all types of dwellings – that is, both new and existing dwellings – in the country as a whole. Furthermore, for all but a few countries, the selected indicator is quality- or at least size-adjusted. The selection is based on the *Handbook on Residential Property Prices* and the experience and metadata of central banks. Nominal and real price series are provided, where the real price is calculated as the nominal value deflated by the

³⁵ See eg M Scatigna, R Szemere and K Tsatsaronis, "Residential property price statistics across the globe", *BIS Quarterly Review*, September 2014, pp 61–76.

consumer price index. An analysis of residential property price developments based on these indicators is published on a quarterly basis, and a longer-term view is provided each June in the BIS Quarterly Review.

Commercial property price indicators

The BIS publishes a commercial property price data set covering 14 countries.³⁶ The data differ significantly from country to country, eg in terms of type of property, area covered and compilation method. Owners of commercial properties intend to generate profit by building them for future sale or rental, or by using them as a means of production of market goods and services. CPPIs have long been seen as a useful tool for monitoring financial stability and macroeconomic developments. Yet their availability and international comparability were limited before the Great Financial Crisis. The DGI asked the members of the Inter-Agency Group on Economic and Financial Statistics (IAG) to improve their dissemination and to start methodological work on their compilation. In line with this initiative, the BIS aims to expand substantially the country coverage in the coming years.

³⁶ Due to the limited country coverage and the lack of cross-country comparability of the data, the commercial property price data are not shown in the *Statistical Bulletin*.

Nominal residential property prices

2010 = 100¹

Table H1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Australia	97.8	97.5	104.0	113.4	123.6	126.2	126.4	126.2	128.8	130.7
Austria	104.2	117.1	122.6	126.8	132.1	132.0	135.9	140.6	142.8	141.5
Belgium	104.0	106.3	107.6	107.0	108.8	110.7	110.2	109.3	110.7	113.9
Brazil	119.2	133.8	146.8	154.2	147.3	145.9	141.3	136.0	130.3	124.2
Bulgaria	94.5	92.7	90.7	91.9	94.5	93.8	96.6	97.7	100.4	102.0
Canada	103.7	107.5	110.3	116.0	122.8	124.2	125.8	129.2	137.0	142.2
Chile	105.4	111.2	120.6	128.2	138.6	142.3	142.4	141.7	140.7	
China	104.1	103.4	109.6	112.4	108.1	108.2	108.8	110.1	113.2	116.9
Colombia	107.7	119.2	130.9	141.3	155.4	158.5	159.5	170.2	174.8	175.7
Croatia	100.2	98.6	94.7	93.2	90.5	90.4	90.5	91.6	90.8	91.7
Cyprus	96.7	91.5	85.6	78.1	74.7	74.5	74.5	73.9	73.5	
Czech Republic	100.0	98.6	98.6	100.9	105.0	105.7	106.8	108.1	110.3	113.0
Denmark	98.3	95.7	99.4	103.1	110.3	111.2	110.8	113.5	116.4	117.0
Estonia	108.5	116.3	128.8	146.4	156.5	155.9	157.2	157.0	161.9	167.4
Finland	103.2	105.6	106.9	106.5	106.5	106.5	106.4	106.6	107.6	107.7
France	105.8	105.2	103.2	101.6	100.1	101.0	100.2	99.8	100.3	102.8
Germany	102.6	105.7	109.1	112.5	117.6	118.4	119.3	121.4	124.1	125.9
Greece	94.5	83.5	74.5	68.9	65.4	64.5	64.2	64.5	63.9	63.5
Hong Kong SAR	120.6	136.7	160.6	170.2	196.6	202.1	194.5	182.0	182.3	191.1
Hungary	96.6	93.0	90.6	94.5	104.9	107.0	108.9	113.4	114.9	118.5
Iceland	105.5	112.4	119.2	128.9	139.7	140.1	143.6	146.4	149.2	158.1
India	122.2	151.9	173.9	199.7	226.8	228.2	231.9	229.2	241.7	246.6
Indonesia	104.7	109.4	122.6	131.2	138.5	139.4	140.4	141.8	142.7	143.3
Ireland	83.2	73.3	75.9	88.9	96.0	97.7	98.5	98.0	99.8	105.1
Israel	110.5	114.1	124.5	132.4	140.1	141.0	143.9	146.7	149.3	152.4
Italy	100.8	97.9	92.3	88.3	86.0	86.3	85.4	85.2	85.4	85.5
Japan	100.1	99.2	100.8	102.4	104.9	105.6	104.2	106.7	107.7	107.4
Korea	105.3	108.3	107.8	109.4	113.1	113.9	115.1	115.6	115.8	116.2
Latvia	110.4	113.7	121.5	128.8	124.5	125.0	128.1	128.8	136.3	138.5
Lithuania	106.6	106.4	107.7	114.6	118.8	121.2	118.7	119.7	123.4	127.7
Luxembourg	103.7	108.0	113.4	118.4	124.8	126.4	126.1	128.1	131.6	133.5
Macedonia FYR	98.4	96.7	93.1	92.7	92.8	92.9	92.0	95.4	93.2	92.7
Malaysia	109.8	122.8	136.2	147.7	158.7	161.5	162.3	164.6	168.1	170.1
Malta	98.6	101.6	101.2	103.8	109.1	112.8	113.2	109.2	112.3	118.4
Mexico	104.2	109.2	113.4	118.4	126.2	129.1	128.6	132.1	134.9	140.4

Nominal residential property prices (cont)

2010 = 100¹

Table H1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Morocco	101.2	102.7	103.5	103.2	104.8	102.9	104.2	103.5	102.3	
Netherlands	98.0	91.4	85.9	86.6	89.7	90.7	91.5	92.7	93.3	94.3
New Zealand	101.3	106.0	115.6	123.1	137.7	142.3	141.4	146.2	155.4	160.4
Norway	108.0	115.3	119.9	123.2	130.7	132.2	129.6	134.5	140.0	142.7
Peru	117.1	142.6	166.7	187.9	199.6	200.1	205.4	215.8	203.5	208.5
Philippines	105.1	114.9	128.0	139.3	148.5	149.8	150.1	150.8	146.4	145.3
Poland	100.1	96.6	92.4	93.3	94.7	95.3	94.6	94.7	95.5	97.3
Portugal	95.1	88.4	86.7	90.4	93.1	93.8	94.9	96.6	99.6	100.9
Romania	85.8	80.2	80.1	78.2	81.1	80.0	81.5	84.1	86.7	86.3
Russia	79.2	91.1	94.6	95.8	97.0	96.3	94.7	93.1	92.2	91.3
Serbia	97.6	95.7	90.6	95.8	99.5	97.9	97.7	101.0	104.2	
Singapore	109.5	112.0	115.6	112.2	107.9	107.1	106.6	105.8	105.4	103.8
Slovakia	98.5	95.8	96.7	98.1	103.3	103.6	104.7	106.6	109.4	111.4
Slovenia	102.7	95.6	90.6	84.6	85.3	84.3	84.3	86.1	87.7	88.5
South Africa	101.8	102.4	112.6	123.1	130.6	131.7	133.4	135.9	136.7	138.3
Spain	92.4	78.7	71.5	71.7	74.3	75.3	75.3	76.4	77.7	78.4
Sweden	102.5	103.7	109.4	119.7	135.4	138.4	141.3	144.6	144.8	148.3
Switzerland	104.5	109.1	113.5	115.5	117.7	117.7	118.3	118.4	118.5	119.3
Thailand	104.3	107.7	116.2	122.9	126.0	126.5	126.3	126.4	130.6	128.2
Turkey	110.1	123.1	138.8	158.8	188.0	192.4	199.6	204.0	211.9	219.7
United Arab Emirates	97.6	109.5	130.6	167.2	155.3	152.6	150.3	149.1	150.3	149.9
United Kingdom	98.5	98.9	101.5	109.6	116.2	118.3	119.8	121.0	124.5	126.7
United States	97.2	101.8	112.0	119.3	125.8	126.6	128.1	130.0	131.7	134.1
<i>Memo:</i>										
Euro area	100.9	99.2	97.4	97.8	99.3	100.0	100.1	100.8	102.1	103.6
Advanced economies	99.3	100.8	105.1	109.3	113.8	114.8	115.3	116.9	118.7	120.5
<i>Emerging market economies</i>	105.8	113.1	121.9	128.8	131.9	132.4	132.9	133.4	136.0	138.3

¹ Annual figures refer to the average of the year.

Real residential property prices

CPI-deflated; 2010 = 100¹

Table H2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Australia	94.7	92.8	96.5	102.7	110.3	112.3	112.1	112.1	113.9	114.8
Austria	100.9	110.7	113.6	115.6	119.3	119.2	122.3	126.9	127.8	126.9
Belgium	100.5	99.9	99.9	99.1	100.1	101.7	100.8	99.6	99.8	102.5
Brazil	111.7	119.1	123.0	121.5	106.6	104.4	98.9	92.4	86.9	81.8
Bulgaria	90.7	86.4	83.7	86.2	88.7	88.2	90.9	92.3	95.4	96.3
Canada	100.8	102.9	104.6	108.0	113.0	113.7	115.4	118.3	124.0	128.6
Chile	102.0	104.4	111.0	113.0	117.0	119.2	118.2	116.7	114.8	
China	98.8	95.6	98.6	99.2	94.1	94.0	94.4	94.0	97.0	99.9
Colombia	104.1	111.7	120.2	126.2	132.2	134.3	132.6	137.3	138.1	137.7
Croatia	97.9	93.3	87.6	86.4	84.3	84.4	84.5	86.6	85.4	86.7
Cyprus	93.6	86.6	81.3	75.2	73.5	73.8	73.0	74.3	73.4	
Czech Republic	98.1	93.6	92.3	94.2	97.7	98.1	99.6	100.4	102.0	104.3
Denmark	95.7	90.9	93.7	96.7	103.0	103.7	103.5	106.1	108.2	108.9
Estonia	103.3	106.6	114.8	130.7	140.4	139.7	142.0	141.8	144.9	149.3
Finland	99.8	99.3	99.1	97.7	97.9	97.9	97.7	98.2	98.5	98.6
France	103.6	101.1	98.3	96.2	94.8	95.6	95.0	95.0	94.6	97.0
Germany	100.5	101.5	103.2	105.5	110.0	110.5	111.5	113.8	115.8	117.0
Greece	91.5	79.6	71.6	67.2	64.9	64.1	63.5	65.1	63.6	63.8
Hong Kong SAR	114.6	124.7	140.5	142.5	160.0	165.7	155.5	144.2	145.7	152.0
Hungary	93.0	84.7	81.1	84.8	94.2	95.8	97.9	102.4	102.6	106.0
Iceland	101.4	102.7	104.9	111.2	118.6	118.1	121.2	123.4	124.5	131.5
India	111.2	128.5	138.6	149.4	161.9	160.9	161.3	159.7	165.0	165.4
Indonesia	99.3	99.9	105.2	105.8	105.0	104.7	105.0	104.7	105.4	104.4
Ireland	81.2	70.3	72.4	84.7	91.7	92.9	94.2	94.2	94.8	99.8
Israel	106.8	108.4	116.5	123.3	131.4	131.6	135.1	139.1	140.8	143.1
Italy	98.0	92.5	86.1	82.2	80.0	80.1	79.5	79.6	79.6	79.4
Japan	100.3	99.5	100.8	99.6	101.2	101.8	100.6	103.4	104.1	104.0
Korea	101.2	101.9	100.1	100.3	103.0	103.4	104.6	104.6	104.6	104.7
Latvia	105.8	106.5	113.9	120.0	115.7	116.5	119.5	120.8	126.3	128.9
Lithuania	102.4	99.1	99.2	105.5	110.3	112.8	109.8	111.1	113.2	118.0
Luxembourg	100.2	101.8	105.0	108.9	114.3	115.6	115.3	117.8	120.0	121.8
Macedonia FYR	94.7	90.1	84.4	84.2	84.5	84.7	84.0	87.3	85.0	84.7
Malaysia	106.4	117.1	127.2	133.7	140.7	141.9	141.7	144.1	146.8	147.5
Malta	96.0	96.6	94.9	97.0	100.8	104.3	103.7	101.4	103.1	108.6
Mexico	100.8	101.4	101.4	101.8	105.7	108.3	106.5	108.1	110.7	114.6

Real residential property prices (cont)

CPI-deflated; 2010 = 100¹

Table H2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Morocco	100.3	100.4	99.4	98.7	98.7	96.5	97.7	96.9	94.8	
Netherlands	95.8	87.2	80.0	79.8	82.2	82.5	83.8	85.4	85.1	85.7
New Zealand	97.3	100.8	108.7	114.4	127.5	131.3	131.1	135.3	143.3	147.4
Norway	106.6	113.0	115.1	115.9	120.4	121.5	118.1	121.3	124.8	126.1
Peru	113.2	133.1	151.3	165.2	169.5	168.6	171.9	178.7	167.4	170.6
Philippines	100.3	106.4	115.1	120.3	126.4	127.5	127.2	127.3	122.9	121.2
Poland	96.0	89.3	84.4	85.1	87.2	87.8	87.4	88.1	88.5	90.3
Portugal	91.8	83.0	81.2	84.9	87.0	87.5	88.3	90.7	92.0	93.6
Romania	81.1	73.4	70.4	68.1	71.0	71.0	71.9	74.7	77.1	76.9
Russia	73.0	79.9	77.8	73.1	64.1	63.1	60.8	58.4	57.1	55.9
Serbia	87.9	80.4	70.5	73.0	74.8	73.4	73.3	75.5	77.7	
Singapore	104.0	101.8	102.6	98.6	95.3	94.7	94.5	94.0	93.8	92.1
Slovakia	94.8	89.0	88.6	89.9	95.0	95.2	96.5	98.7	100.9	103.2
Slovenia	100.9	91.6	85.3	79.5	80.5	79.5	79.5	82.4	82.5	83.3
South Africa	97.0	92.3	96.0	98.9	100.4	100.0	100.9	100.6	99.1	99.0
Spain	89.5	74.5	66.7	67.0	69.8	70.8	70.5	72.9	73.1	73.8
Sweden	99.6	99.8	105.4	115.5	130.7	133.6	136.0	139.2	138.6	141.6
Switzerland	104.2	109.6	114.2	116.3	119.9	120.2	120.9	121.6	120.8	122.0
Thailand	100.5	100.7	106.3	110.3	114.2	114.5	114.6	115.2	118.0	115.8
Turkey	103.5	106.2	111.3	117.0	128.7	131.4	132.6	132.6	136.0	138.9
United Arab Emirates	96.7	107.8	127.2	159.1	142.0	138.2	136.2	135.6	135.7	133.9
United Kingdom	94.3	92.1	92.1	98.1	103.9	105.6	106.8	108.4	110.9	112.3
United States	94.2	96.7	104.8	109.9	115.7	115.8	117.8	119.4	119.5	121.3
<i>Memo:</i>										
<i>Euro area</i>	98.25	94.23	91.26	91.25	92.64	93.29	93.16	94.78	94.79	96.31
<i>Advanced economies</i>	96.76	96.37	99.10	101.75	105.67	106.23	106.93	108.72	109.30	110.85
<i>Emerging market economies</i>	99.85	102.53	106.14	108.01	106.47	106.36	105.93	105.09	106.65	107.64

¹ Annual figures refer to the average of the year.

I Effective exchange rate statistics

www.bis.org/statistics/eer.htm

A nominal effective exchange rate (NEER) is an index based on a trade-weighted average of bilateral exchange rates. A real effective exchange rate (REER) is the NEER adjusted by some measure of relative prices or costs. Changes in the REER thus take into account both nominal exchange rate developments and a country's inflation differential vis-à-vis trading partners.

For both policy and market analysis, effective exchange rates (EERs) provide a useful summary indicator of the overall strength or weakness of a country's currency. EERs can thus serve various purposes: as a measure of international price and cost competitiveness, as components of monetary/financial conditions indices, as a gauge of the transmission of external shocks, as an intermediate target for monetary policy or as an operational target. Accurate measures of EERs are thus essential for both policymakers and financial market participants. An appreciable amount of work went into adjusting trade weights for the entrepot trade that takes place in Hong Kong SAR, which makes a difference for the trade weights for China in particular.³⁷

The BIS EER indices currently cover 61 economies (including individual euro area countries and, separately, the euro area as an entity). Nominal EERs are calculated as geometric weighted averages of bilateral exchange rates. The weighting scheme adopted is based on Turner and Van't dack (1993).³⁸ The weights are derived from manufacturing trade flows and capture both direct bilateral trade and third-market competition by double-weighting. Real EERs are calculated on the basis of the same weighted averages of bilateral exchange rates and are adjusted by relative consumer prices in the comparator countries. Since September 2016, the BIS has also released daily data on nominal EERs to complement the monthly data that have been published since 2006.

³⁷ See M Klau and S Fung, "The new BIS effective exchange rate indices", *BIS Quarterly Review*, March 2006, pp 51–65.

³⁸ P Turner and J Van't dack, "Measuring international price and cost competitiveness", *BIS Economic Papers*, no 39, November 1993.

Nominal effective exchange rates

Period averages; 2010 = 100¹

Table I1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Algeria	98.3	97.3	94.0	94.0	86.3	82.3	82.2	79.2	79.7	81.9
Argentina	90.8	88.3	75.9	53.3	55.7	54.6	38.6	37.4	34.8	34.4
Australia	107.1	109.3	103.2	97.9	88.7	86.7	87.2	88.5	90.1	91.6
Austria	100.0	98.4	99.9	100.9	98.1	98.5	99.3	99.4	99.2	99.0
Belgium	100.6	98.3	100.5	101.5	97.7	98.1	99.2	99.4	99.4	99.0
Brazil	102.3	90.7	83.9	81.1	64.0	56.1	58.1	63.6	69.5	70.3
Bulgaria	101.2	99.9	101.8	103.9	101.8	102.7	104.0	104.0	104.0	104.2
Canada	102.0	102.1	99.3	93.4	84.5	81.7	79.9	84.6	83.9	83.2
Chile	101.6	103.5	102.8	91.7	88.0	84.6	86.0	87.4	89.6	91.5
China	100.2	105.9	111.9	114.7	125.6	126.3	123.9	120.6	117.3	117.8
Chinese Taipei	102.2	102.7	104.7	104.8	108.5	107.6	106.4	106.3	108.3	111.5
Colombia	99.8	105.5	102.9	98.9	79.8	73.0	70.1	75.7	77.1	77.2
Croatia	98.3	95.6	96.3	96.7	94.4	94.8	95.8	97.4	97.5	96.9
Cyprus	100.8	99.0	100.6	101.6	99.0	99.4	100.7	100.7	100.7	100.6
Czech Republic	103.2	98.6	97.1	92.6	90.3	91.5	92.8	92.9	92.9	92.7
Denmark	99.8	97.1	98.9	100.5	97.2	97.7	98.9	99.3	99.5	99.5
Estonia	99.9	97.7	99.5	102.1	101.9	102.7	104.5	103.9	103.8	103.5
Finland	99.9	97.2	99.4	101.7	99.9	100.7	102.4	102.0	101.9	101.6
France	100.3	97.9	99.9	100.8	96.9	97.4	98.4	98.6	98.5	98.3
Germany	100.3	97.5	100.1	101.5	97.0	97.7	99.0	99.2	99.0	98.7
Greece	100.6	98.7	100.1	101.0	98.0	98.6	99.6	99.9	99.8	99.8
Hong Kong SAR	94.5	96.6	98.0	99.6	107.2	109.3	109.6	107.5	107.7	110.8
Hungary	99.1	93.5	92.8	90.3	87.1	86.7	87.9	87.7	88.2	88.6
Iceland	100.1	97.7	98.8	104.8	106.9	111.2	112.4	114.2	121.1	130.9
India	94.3	84.2	77.1	74.8	77.9	77.3	76.2	75.4	75.6	77.0
Indonesia	98.2	93.2	86.4	77.5	75.1	74.7	76.2	75.4	76.1	77.8
Ireland	100.8	96.9	99.7	100.0	93.4	93.5	95.0	95.7	96.1	95.8
Israel	100.9	97.0	104.0	106.7	108.3	110.5	110.6	111.2	112.2	114.4
Italy	100.5	98.2	100.4	101.8	98.2	98.8	100.1	100.2	100.0	99.7
Japan	105.7	107.2	87.1	81.5	76.6	78.1	83.4	87.7	93.0	89.1
Korea	99.5	99.3	104.6	111.6	113.4	113.0	109.5	110.7	114.8	114.2
Latvia	100.5	100.6	101.4	103.2	103.8	104.7	106.5	105.8	105.6	105.2
Lithuania	100.3	99.0	100.4	102.7	103.5	104.5	106.5	105.7	105.6	105.2
Luxembourg	100.3	99.0	100.1	100.6	98.3	98.5	99.0	99.1	99.1	99.0
Malaysia	100.2	100.8	100.9	99.5	90.8	83.9	85.9	88.1	86.9	83.8

Nominal effective exchange rates (cont)

Period averages; 2010 = 100¹

Table I1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Malta	100.6	97.2	99.8	100.2	94.8	95.4	96.9	96.9	96.3	96.3
Mexico	99.5	94.8	98.3	95.6	84.5	80.9	75.7	74.6	72.0	69.1
Netherlands	100.3	97.5	99.9	101.0	97.1	97.6	98.7	98.9	98.8	98.5
New Zealand	103.3	107.2	111.1	115.6	107.8	105.0	104.9	106.9	111.7	112.8
Norway	102.4	103.4	101.1	95.6	85.8	82.3	81.6	83.6	84.2	86.6
Peru	99.2	106.3	105.7	104.0	103.1	102.2	100.6	102.8	102.0	102.7
Philippines	99.0	103.1	105.7	103.7	110.2	109.2	108.3	107.1	105.0	103.8
Poland	97.3	93.5	94.9	96.5	93.7	92.4	91.4	91.2	91.9	90.9
Portugal	100.3	99.1	100.3	100.9	98.8	99.1	99.9	100.1	100.1	100.0
Romania	100.1	93.8	96.3	97.2	95.0	95.4	95.6	95.6	96.3	95.5
Russia	99.0	97.8	95.0	80.9	57.0	53.3	47.3	52.6	54.0	57.3
Saudi Arabia	96.0	98.6	99.7	101.4	111.0	113.1	113.9	111.7	111.8	115.1
Singapore	103.7	106.4	108.2	109.4	109.7	109.6	110.3	111.7	112.0	110.4
Slovakia	100.1	98.7	100.2	101.5	99.3	99.7	100.9	100.8	100.5	100.4
Slovenia	100.5	99.3	100.6	101.6	100.0	100.5	101.5	101.4	101.2	101.1
South Africa	96.8	88.3	75.8	68.3	64.6	58.9	53.2	55.0	59.0	61.5
Spain	100.5	98.5	100.5	101.7	98.4	98.9	100.2	100.5	100.5	100.4
Sweden	106.1	107.3	110.5	106.5	100.1	101.3	102.4	103.0	100.4	97.5
Switzerland	112.9	112.0	112.6	115.5	125.3	123.8	124.0	124.3	124.8	125.4
Thailand	98.6	98.3	103.5	100.9	105.4	102.8	103.3	101.6	102.2	104.0
Turkey	86.2	84.1	78.9	69.4	64.2	61.1	60.9	60.5	59.6	55.4
United Arab Emirates	96.8	101.3	103.2	105.1	114.9	117.3	118.5	116.4	117.1	120.2
United Kingdom	99.4	103.2	101.1	108.1	114.1	115.4	109.2	107.1	98.6	95.9
United States	95.5	98.2	99.4	102.3	115.2	118.7	121.1	118.1	119.0	123.1
Venezuela	95.8	98.2	70.8	69.5	77.1	79.5	73.9	50.1	50.2	51.2
<i>Memo:</i>										
Euro area	100.5	95.8	100.1	102.5	95.1	96.1	98.5	98.8	98.6	98.1

¹ An increase indicates an appreciation of the economy's currency against a broad basket of currencies.

Real effective exchange rates

CPI-based; period averages; 2010 = 100¹

Table I2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Algeria	99.2	103.9	101.5	102.8	97.8	94.5	95.8	94.3	95.8	98.5
Argentina	95.2	98.2	90.1	74.0	86.3	88.3	68.2	72.1	70.6	72.4
Australia	106.9	108.5	102.9	98.2	89.6	87.8	88.0	89.1	91.2	92.7
Austria	100.3	98.8	100.7	102.1	99.6	100.2	100.8	101.1	100.5	100.7
Belgium	101.0	99.0	100.5	100.4	96.3	97.0	98.6	99.1	98.9	98.4
Brazil	104.6	94.4	90.0	88.9	74.0	66.2	69.6	76.3	83.5	84.0
Bulgaria	101.7	100.2	100.8	99.8	96.6	96.8	97.7	96.3	96.8	96.3
Canada	101.6	100.9	97.2	91.4	83.2	80.4	78.6	83.5	82.6	81.4
Chile	100.8	102.8	101.6	92.0	90.2	87.6	88.8	90.3	92.8	94.2
China	102.5	108.7	115.6	118.3	129.7	130.1	129.7	124.8	121.2	121.8
Chinese Taipei	100.2	100.3	101.0	100.2	102.2	101.7	99.9	99.9	102.0	105.5
Colombia	98.5	103.9	100.1	95.3	77.7	71.5	70.0	76.1	77.2	76.2
Croatia	97.3	95.2	96.3	95.5	92.1	91.9	92.0	93.2	92.8	92.6
Cyprus	100.6	98.6	98.2	96.8	91.7	92.0	91.2	91.1	91.4	91.2
Czech Republic	101.7	97.8	95.9	90.6	88.0	88.7	90.6	90.3	90.4	90.0
Denmark	99.2	96.5	97.3	98.2	94.7	94.8	96.1	96.2	96.1	95.5
Estonia	101.2	100.2	103.0	103.9	101.7	101.4	103.0	102.5	102.6	101.7
Finland	99.8	97.4	99.1	100.9	97.5	97.9	99.1	98.6	98.2	97.8
France	99.2	96.2	97.2	97.3	92.9	92.9	93.5	94.0	93.6	93.0
Germany	99.0	95.6	97.7	98.6	93.5	93.9	94.8	94.7	94.7	94.5
Greece	100.6	97.5	96.2	94.6	89.5	90.0	89.2	90.2	89.0	89.5
Hong Kong SAR	95.9	99.5	103.1	107.4	118.1	122.1	123.3	119.4	119.8	123.5
Hungary	99.6	96.8	95.9	92.0	88.0	87.3	88.4	88.4	88.7	89.1
Iceland	100.9	101.1	104.5	111.8	115.1	119.9	121.6	123.7	131.4	141.8
India	100.1	93.7	89.3	90.6	97.7	98.9	97.1	97.5	99.3	100.5
Indonesia	100.0	96.3	93.0	87.0	88.9	89.3	92.1	90.7	92.4	94.8
Ireland	100.2	95.6	97.1	96.2	89.0	88.7	89.7	90.7	91.0	89.5
Israel	100.8	95.9	102.2	103.3	103.0	104.5	103.5	103.7	104.8	106.1
Italy	99.9	98.1	99.5	99.6	95.0	95.2	96.0	95.6	95.5	94.6
Japan	101.3	100.0	79.7	75.1	70.3	71.3	75.5	79.3	83.6	80.1
Korea	100.0	99.5	104.0	110.0	111.0	110.4	106.9	107.7	111.7	110.9
Latvia	101.1	100.6	99.3	100.4	99.9	100.1	101.2	101.0	100.3	100.5
Lithuania	100.7	99.6	100.2	101.1	99.4	100.5	102.0	101.7	100.5	100.7
Luxembourg	100.9	99.7	101.1	101.2	98.9	99.0	99.1	99.3	99.0	99.0
Malaysia	99.8	99.6	99.7	99.3	91.6	85.8	87.3	89.4	88.6	85.7

Real effective exchange rates (cont)

CPI-based; period averages; 2010 = 100¹

Table I2

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Malta	99.9	96.4	98.5	97.8	92.8	93.8	94.0	94.7	93.8	94.2
Mexico	99.4	96.4	101.9	101.0	90.9	87.7	82.7	80.5	77.8	75.6
Netherlands	99.4	96.6	99.6	100.3	96.1	96.2	96.8	97.2	97.1	96.3
New Zealand	103.9	106.5	109.5	113.0	104.7	101.5	101.4	103.2	107.9	108.8
Norway	100.3	99.6	97.9	93.4	85.2	82.4	82.6	85.1	86.2	88.7
Peru	98.2	105.7	104.7	102.7	101.9	100.9	99.1	100.8	99.5	100.0
Philippines	100.4	105.6	109.4	109.5	117.0	116.0	115.2	114.1	112.4	111.5
Poland	98.2	95.2	96.1	96.6	92.1	90.1	88.8	88.3	88.6	87.7
Portugal	100.9	99.8	99.6	98.9	96.7	97.1	97.3	98.3	97.7	97.3
Romania	102.5	96.3	100.9	101.7	98.0	97.2	97.1	96.1	96.5	95.4
Russia	103.7	104.9	106.7	96.3	77.8	74.6	67.8	75.8	78.5	83.6
Saudi Arabia	97.4	100.3	102.9	105.4	116.5	119.5	122.5	119.9	119.9	122.1
Singapore	105.4	110.4	112.5	112.3	110.5	109.5	109.6	110.2	110.5	108.4
Slovakia	100.9	100.3	101.4	101.5	98.2	98.2	98.9	98.6	97.7	97.4
Slovenia	99.2	97.9	99.0	99.0	96.1	96.4	96.1	97.1	96.5	96.3
South Africa	98.1	92.2	82.0	77.1	75.5	69.6	64.1	67.2	72.9	76.2
Spain	100.5	98.2	99.8	99.2	94.5	94.9	94.1	95.1	94.6	95.6
Sweden	105.7	105.1	106.3	100.9	93.9	94.9	96.2	96.4	94.0	91.3
Switzerland	109.5	105.1	103.4	104.5	111.2	109.1	108.9	109.0	108.9	108.6
Thailand	99.1	99.5	104.9	101.9	103.9	100.7	100.4	99.5	99.7	100.9
Turkey	88.4	91.6	90.4	85.4	84.0	82.1	83.7	83.5	83.5	78.9
United Arab Emirates	93.5	95.1	95.4	96.9	108.4	110.7	111.4	109.3	110.6	114.0
United Kingdom	100.5	104.5	103.1	110.3	115.4	116.6	110.0	107.6	99.4	96.7
United States	95.0	97.2	97.5	99.6	110.5	113.1	114.9	112.7	113.5	116.8
Venezuela	117.5	141.9	137.1	208.4	481.2	705.8	779.7	637.7	847.1	1,145.5
<i>Memo:</i>										
Euro area	99.3	94.4	97.7	98.2	89.7	90.4	91.3	92.1	91.5	91.1

¹ An increase indicates an appreciation of the economy's currency against a broad basket of currencies.

J Credit-to-GDP gap

www.bis.org/statistics/c_gaps.htm

Since September 2016, the BIS has been publishing time series on the credit-to-GDP gap for a number of countries.³⁹ The credit-to-GDP gap is defined as the difference between the credit-to-GDP ratio and its long-run trend, and captures the build-up of excessive credit in a reduced-form fashion. It has been found to be a reliable early warning indicator of impending financial crises.⁴⁰

This data set covers more than 40 economies, starting in 1961 for those with the longest run of data. As input, the BIS uses data on the credit-to-GDP ratio as published in its database of total credit to the private non-financial sector. The credit series capture total borrowing by the private non-financial sector (ie households and non-financial corporations).

Importantly, while the use of these total credit series as input data facilitates comparability across countries, it means that the credit-to-GDP gaps published by the BIS may differ from credit-to-GDP gaps considered by national authorities as part of their countercyclical capital buffer decisions. The gap indicator was adopted as a common reference point under Basel III to guide the build-up of countercyclical capital buffers.⁴¹ Authorities are expected, however, to apply judgment in the setting of the buffer in their jurisdiction after using the best information available to gauge the build-up of system-wide risk rather than relying mechanistically on the credit-to-GDP guide. For instance, national authorities may form their policy decisions using credit-to-GDP ratios that are based on different data series from the BIS's as input data, leading to credit-to-GDP gaps that differ from those published by the BIS.

³⁹ The methodology and the data used are discussed in greater detail in M Drehmann, S Pradhan, P Wooldridge and R Szemere, "Recent enhancement to the BIS statistics", *BIS Quarterly Review*, September 2016.

⁴⁰ See M Drehmann, C Borio and K Tsatsaronis, "Anchoring countercyclical capital buffers: the role of credit aggregates", *International Journal of Central Banking*, vol 7, no 4, December 2011, pp 189–240.

⁴¹ Basel Committee on Banking Supervision, Guidance for national authorities operating the countercyclical capital buffer, December 2010.

Credit-to-GDP gaps¹

Table J1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Argentina	-3.8	-1.1	0.8	-0.6	2.3	0.4	2.3	2.1	1.9	2.0
Australia	-12.0	-12.6	-7.7	-3.4	2.1	2.7	2.1	2.6	2.9	1.3
Austria	-3.8	-5.4	-4.8	-9.4	-8.8	-8.5	-8.8	-9.5	-9.7	-8.5
Belgium	3.7	3.0	-0.3	-2.0	-1.9	-0.9	-1.9	7.4	3.0	0.1
Brazil	6.1	6.6	7.8	4.5	3.0	3.3	3.0	1.1	-0.4	-2.4
Canada	3.7	7.0	8.4	7.5	16.6	14.9	16.6	14.9	16.3	17.4
Chile	-2.0	3.4	8.4	15.5	19.5	21.7	19.5	15.8	13.4	12.4
China	6.3	13.3	19.0	21.6	27.2	24.8	27.2	28.8	28.1	26.3
Colombia	7.7	6.9	8.8	12.0	13.1	13.4	13.1	12.1	11.6	11.0
Czech Republic	15.1	13.2	13.6	11.6	3.1	4.5	3.1	2.5	2.5	3.0
Denmark	4.6	-8.9	-23.9	-22.3	-33.8	-31.5	-33.8	-33.5	-33.3	-31.0
Finland	10.6	8.9	7.9	4.0	4.5	5.0	4.5	3.8	-0.7	-1.6
France	9.1	8.3	2.8	5.8	3.0	3.4	3.0	1.6	2.4	1.6
Germany	-12.5	-10.0	-7.3	-8.5	-6.9	-6.8	-6.9	-5.5	-5.1	-4.2
Greece	14.2	7.6	-0.9	-6.6	-11.8	-11.0	-11.8	-12.7	-14.2	-16.3
Hong Kong SAR	32.1	22.0	33.1	38.3	38.7	29.4	38.7	33.2	34.3	31.6
Hungary	6.3	-8.1	-17.8	-21.3	-27.8	-28.0	-27.8	-28.3	-27.5	-32.4
India	2.6	1.6	-0.2	-3.1	-3.1	-4.0	-3.1	-2.9	-4.5	-4.7
Indonesia	6.4	10.4	13.2	12.3	11.4	11.6	11.4	10.0	9.8	9.2
Ireland	37.4	9.1	-21.4	-23.2	-20.6	-0.3	-20.6	-34.3	-29.8	-59.5
Israel	-12.5	-13.7	-16.3	-15.1	-13.8	-14.6	-13.8	-13.7	-11.6	-11.4
Italy	1.5	1.4	-4.4	-8.2	-12.6	-10.9	-12.6	-14.2	-13.9	-14.1
Japan	2.1	2.1	2.8	3.2	1.6	0.7	1.6	1.7	1.8	3.5
Korea	3.5	3.2	1.4	2.2	3.0	3.7	3.0	2.6	2.8	2.3
Luxembourg		-31.1	-54.0	-47.4	-27.9	-30.6	-27.9	-29.2	-41.5	-44.7
Malaysia	-4.0	-0.4	5.8	7.7	11.6	11.9	11.6	9.4	8.5	8.7
Mexico	4.5	4.2	6.3	6.5	7.8	7.8	7.8	8.0	8.5	8.9
Netherlands	-8.5	-12.6	-18.1	-18.2	-20.0	-16.4	-20.0	-20.2	-20.7	-18.8
New Zealand	-20.7	-18.4	-20.8	-20.6	-15.7	-17.0	-15.7	-15.9	-14.7	-13.4
Norway	3.6	0.2	-2.9	0.6	5.3	5.2	5.3	7.0	9.3	9.4
Poland	5.5	1.7	0.5	0.3	-1.3	0.2	-1.3	-1.4	-1.1	-2.3
Portugal	1.2	4.5	-12.7	-26.8	-37.5	-36.2	-37.5	-39.0	-39.7	-41.1
Russia	-3.1	-3.5	0.8	8.4	6.4	5.7	6.4	4.6	0.9	-0.5
Saudi Arabia	-9.2	-8.8	-3.4	0.3	11.5	8.3	11.5	13.2	15.1	13.6
Singapore	5.3	15.0	23.1	25.1	24.3	21.4	24.3	22.9	24.3	24.6

Credit-to-GDP gaps¹ (cont)

Table J1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
South Africa	-4.8	-2.9	-3.3	-3.8	-0.6	-2.5	-0.6	0.2	-1.6	-2.0
Spain	1.1	-13.0	-25.2	-36.7	-45.3	-43.3	-45.3	-47.0	-45.8	-46.8
Sweden	12.3	5.5	0.8	-3.9	-6.9	-7.7	-6.9	-13.2	-13.5	-14.3
Switzerland	10.0	14.1	9.9	7.0	6.2	7.9	6.2	7.5	8.1	8.2
Thailand	6.1	9.0	15.5	16.8	16.5	16.5	16.5	14.4	13.4	12.1
Turkey	12.9	9.7	13.2	10.7	9.8	13.6	9.8	7.9	7.6	7.7
United Kingdom	-13.5	-14.4	-22.1	-27.3	-26.4	-26.9	-26.4	-26.8	-22.4	-19.5
United States	-13.8	-15.2	-14.7	-13.1	-10.7	-11.6	-10.7	-9.8	-8.8	-7.8
<i>Memo:</i>										
<i>Euro area</i>	-4.6	-5.7	-10.1	-9.0	-8.9	-7.8	-8.9	-9.1	-8.8	-10.1

¹ Estimates based on series on total credit to the private non-financial sector (in table F2.1). Credit-to-GDP gaps is defined as the difference between the credit-to-GDP ratio and its long-term trend; in percentage points. Long-term trend is calculated using a one-sided Hodrick-Prescott filter with a smoothing parameter of 400,000.

K Consumer price indices

www.bis.org/statistics/cp.htm

The BIS data set on consumer prices contains long monthly and annual time series for 60 countries. They are used to support economic research on macroeconomics and financial stability – in particular, in the calculation of the real effective exchange rate and real residential property price series.

The average length of the monthly series is close to 55 years. Some annual series go back to the middle of the 19th century, or even earlier for several countries. For each country, the data for the most recent periods correspond to the consumer price index published by national statistical offices. Proxy indicators, such as a consumer price index with limited coverage or a retail price index, have been used to extend the series as far back in time as possible. The long-term series have been constructed by joining up the available series for consecutive periods. In undertaking this work, the BIS has liaised very closely with national authorities in seeking to provide the most accurate data possible.

Consumer price indices

Period averages; 2010 = 100

Table K1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Algeria	104.5	113.8	117.5	120.9	126.7	128.9	130.9	134.9	136.3	137.4
Argentina	109.8	120.8	133.6	162.2	188.2	200.1	221.2	244.4	258.9	271.2
Australia	103.3	105.1	107.7	110.4	112.0	112.8	112.6	113.0	113.8	114.5
Austria	103.3	105.8	107.9	109.7	110.7	111.1	110.8	111.7	111.5	112.6
Belgium	103.5	106.5	107.7	108.0	108.6	109.3	109.7	110.9	111.1	111.4
Brazil	106.6	112.4	119.4	126.9	138.4	142.9	147.2	149.9	151.9	152.9
Bulgaria	104.2	107.3	108.3	106.7	106.6	106.4	105.8	105.2	105.9	106.0
Canada	102.9	104.5	105.5	107.5	108.7	109.0	109.3	110.5	110.6	110.5
Chile	103.3	106.4	108.7	113.5	118.4	120.5	121.5	122.6	123.5	123.9
China	105.6	108.3	111.1	113.4	115.1	115.5	117.5	117.2	117.5	118.1
Croatia	102.3	105.8	108.1	107.9	107.4	107.1	105.8	106.3	105.8	106.8
Cyprus	103.3	105.8	105.3	103.9	101.7	102.0	99.4	100.1	100.5	101.0
Czech Republic	101.9	105.3	106.8	107.2	107.5	107.2	107.7	108.2	108.3	108.8
Denmark	102.8	105.2	106.1	106.7	107.1	107.1	107.0	107.6	107.5	107.5
Estonia	105.0	109.1	112.2	112.0	111.5	110.7	110.7	111.7	112.1	112.1
Finland	103.4	106.3	107.9	109.0	108.8	108.9	108.6	109.2	109.2	109.7
France	102.1	104.1	105.0	105.5	105.6	105.5	105.0	106.0	106.0	106.1
Germany	102.1	104.1	105.7	106.7	106.9	107.0	106.6	107.1	107.6	108.2
Greece	103.3	104.9	103.9	102.6	100.8	101.1	99.1	100.5	99.6	100.6
Hong Kong SAR	105.3	109.6	114.3	119.4	122.9	125.1	126.2	125.1	125.7	126.6
Hungary	103.9	109.8	111.7	111.5	111.4	111.2	110.8	112.0	111.8	112.7
Iceland	104.0	109.4	113.6	116.0	117.9	118.5	118.6	119.8	120.2	120.8
India	109.8	118.1	125.5	133.6	140.1	143.7	143.5	146.5	149.2	149.1
Indonesia	105.3	109.5	116.6	124.0	131.9	133.8	135.4	135.4	137.2	138.2
Ireland	102.6	104.3	104.8	105.0	104.7	104.5	104.0	105.2	105.3	104.4
Israel	103.5	105.2	106.8	107.3	106.7	106.5	105.5	106.0	106.5	106.3
Italy	102.8	105.9	107.2	107.5	107.5	107.5	107.0	107.2	107.7	107.6
Japan	99.7	99.7	100.0	102.8	103.6	103.6	103.2	103.5	103.3	103.9
Korea	104.0	106.3	107.7	109.1	109.8	109.9	110.5	110.7	110.9	111.5
Latvia	104.4	106.7	106.7	107.3	107.6	107.2	106.6	108.0	107.5	108.7
Lithuania	104.1	107.3	108.5	108.6	107.6	108.2	107.8	109.0	108.2	109.4
Luxembourg	103.4	106.2	108.0	108.7	109.2	109.3	108.7	109.6	109.6	110.1
Macedonia FYR	103.9	107.4	110.4	110.1	109.7	109.6	109.3	109.7	109.5	109.4
Malaysia	103.2	104.9	107.1	110.5	112.8	114.5	114.2	114.5	115.3	116.5
Malta	102.7	105.2	106.7	107.0	108.2	109.1	107.6	109.0	109.0	109.9

Consumer price indices (cont)

Period averages; 2010 = 100

Table K1

	2011	2012	2013	2014	2015	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16
Mexico	103.4	107.7	111.8	116.2	119.4	120.8	122.2	121.8	122.5	124.7
Netherlands	102.3	104.9	107.5	108.5	109.2	109.2	108.6	109.6	110.0	109.9
New Zealand	104.0	105.1	106.3	107.6	107.9	107.8	108.0	108.5	108.8	109.3
Norway	101.3	102.0	104.2	106.3	108.6	109.7	110.8	112.2	113.1	113.7
Peru	103.4	107.1	110.2	113.7	117.8	119.5	120.8	121.6	122.2	123.4
Philippines	104.7	108.0	111.2	115.9	117.5	118.0	118.4	119.1	119.9	120.9
Poland	104.2	108.1	109.4	109.6	108.6	108.2	107.5	107.9	107.7	108.5
Portugal	103.7	106.5	106.8	106.5	107.0	107.4	106.4	108.3	107.8	108.3
Romania	105.8	109.3	113.7	114.9	114.2	113.3	112.5	112.4	112.1	112.7
Russia	108.4	113.9	121.6	131.2	151.5	155.8	159.4	161.5	163.1	164.7
Saudi Arabia	105.0	108.0	111.8	114.8	117.3	118.6	121.0	121.6	121.8	121.2
Serbia	111.1	119.3	128.5	131.1	133.0	133.3	133.7	134.2	134.7	135.3
Singapore	105.2	110.1	112.7	113.8	113.2	112.8	112.6	112.3	112.7	112.9
Slovakia	103.9	107.7	109.2	109.1	108.7	108.5	108.0	108.4	108.0	108.3
Slovenia	101.8	104.5	106.3	106.5	106.0	106.0	104.5	106.3	106.2	106.6
South Africa	105.0	110.9	117.3	124.4	130.1	132.2	135.0	137.9	139.6	140.9
Spain	103.2	105.7	107.2	107.0	106.5	106.9	104.7	106.3	106.2	107.9
Sweden	103.0	103.9	103.8	103.6	103.6	103.8	103.9	104.5	104.7	105.3
Switzerland	100.2	99.5	99.3	99.3	98.2	97.9	97.4	98.1	97.8	97.7
Thailand	103.8	106.9	109.3	111.3	110.3	110.2	109.7	110.9	110.7	110.9
Turkey	106.5	115.9	124.6	135.7	146.1	150.5	153.8	155.8	158.2	161.9
United Arab Emirates	100.9	101.5	102.7	105.1	109.4	110.3	110.0	110.7	112.0	
United Kingdom	104.5	107.4	110.1	111.8	111.8	112.2	111.6	112.3	112.8	113.5
United States	103.2	105.3	106.8	108.6	108.7	108.8	108.9	110.1	110.5	110.8
<i>Memo:</i>										
Euro area	102.7	105.3	106.7	107.2	107.2	107.5	106.4	107.7	107.5	108.2

Currency codes

ARS	Argentine peso	ITL	Italian lira
ATS	Austrian schilling	JPY	Japanese yen
AUD	Australian dollar	KRW	Korean won
BEF	Belgian franc	LTL	Lithuanian litas
BGN	Bulgarian lev	LUF	Luxembourg franc
BHD	Bahraini dinar	LVL	Latvian lats
BRL	Brazilian real	MXN	Mexican peso
CAD	Canadian dollar	MYR	Malaysian ringgit
CHF	Swiss franc	NLG	Dutch guilder
CLP	Chilean peso	NOK	Norwegian krone
CNY	renminbi	NZD	New Zealand dollar
COP	Colombian peso	PEN	Peruvian new sol
CZK	Czech koruna	PHP	Philippine peso
DEM	Deutsche mark	PLN	Polish zloty
DKK	Danish krone	PTE	Portuguese escudo
ESP	Spanish peseta	RON	Romanian leu
EUR	euro	RUB	Russian rouble
FIM	Finnish markka	SAR	Saudi riyal
FRF	French franc	SEK	Swedish krona
GBP	pound sterling	SGD	Singapore dollar
GRD	Greek drachma	THB	Thai baht
HKD	Hong Kong dollar	TRY	Turkish lira
HUF	Hungarian forint	TWD	New Taiwan dollar
IDR	Indonesian rupiah	USD	US dollar
IEP	Irish pound	XEU	European currency unit
ILS	Israeli new shekel	ZAR	South African rand
INR	Indian rupee		

Glossary

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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adjusted change

Change in amount outstanding between two points in time after the impact of methodological changes and exchange rate movements has been eliminated. The adjusted change approximates the flow between two points in time. In the LBS, the adjusted change is calculated by first converting US dollar-equivalent amounts outstanding into their original currency using end-of-period exchange rates, then calculating the difference in amounts outstanding in the original currency, and finally converting the difference into a US dollar-equivalent change using average period exchange rates.

algo

See “algorithmic trading”.

algorithmic trading

Automated transactions where a computer algorithm decides the order of submission and execution with little or no human intervention.

amount outstanding

Value of an asset or liability at a point in time.

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bank

Entity whose business is to receive deposits, or close substitutes for deposits, from the public and to grant credits for its own account. Banks include the following entities: commercial banks, universal banks, savings banks, post banks, giro institutions, agricultural credit banks, cooperative credit banks and credit unions. In the System of National Accounts, a bank is referred to as a deposit-taking corporation except the central bank.

banking office

Head office, branch or subsidiary of a bank.

banks and securities firms

Commercial banks, investment banks, securities dealers and securities brokers. Sectoral classification used in the OTC derivatives statistics that refers collectively to banks and securities firms that are not reporting dealers. See also “reporting dealer”.

bilateral netting agreement

See “master netting agreement”.

BIS reporting area

All countries that are BIS reporting countries. The BIS reporting area varies by data set. See also “BIS reporting country”.

BIS reporting country

Country with an authority that participates in a BIS-organised data collection. Countries with authorities that report the LBS and CBS are listed on the BIS website: www.bis.org/statistics/rep_countries.htm. The number of BIS reporting countries varies by data set.

BIS reporting institution

Financial institution that participates in a BIS-organised data collection. See also “reporting bank” and “reporting dealer”.

branch

Unincorporated entity wholly owned by another entity.

broad debt

See “debt, core and broad”.

break- and exchange rate-adjusted change

See “adjusted change”.

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CBS-reporting country

See “BIS reporting country”.

central bank

Financial institution that exercises control over key aspects of the financial system. Central banks include the following entities: national central banks, central banks of a currency union, currency boards and government-affiliated agencies that are a separate institutional unit and primarily perform central bank activities. In the LBS, the BIS is classified as a central bank. See also “official monetary authority”.

central counterparty (CCP)	Entity that interposes itself between the two sides of a transaction, becoming the buyer to every seller and the seller to every buyer.
claim	A financial asset that has a counterpart liability. In the CBS, claims exclude financial derivatives. See also " financial asset ".
commodity forward	Contract between two parties to purchase or sell a commodity or commodity index at an agreed price on a future date.
commodity option	Contract that gives the buyer the right (but not the obligation) to purchase or sell a commodity or commodity index at an agreed price at or by a specified date.
commodity swap	Contract between two parties to exchange sequences of payments during a specified period, where at least one sequence of payments is tied to a commodity price or commodity index.
consolidated banking statistics (CBS)	A BIS-organised data collection that measures banks' country risk exposures. They capture the worldwide consolidated positions of banks headquartered in BIS reporting countries, including positions of their foreign affiliates but excluding intragroup positions. Central banks or other national authorities collect data from internationally active banks headquartered in their jurisdiction, compile national aggregates and then report these to the BIS to calculate global aggregates.
consortium bank	A bank owned by two or more entities, in which no single entity has a controlling interest.
consumer price index (CPI)	An index that measures the average change in the price of consumer items (goods and services) purchased by households in a given period. It is based on regular surveys of representative consumption baskets.
controlling parent	Entity that owns or otherwise controls other entities within a corporate group and is not controlled by another entity. For most entities, the controlling parent is synonymous with the ultimate parent at the top of the corporate group. In the LBS and CBS, if the ultimate parent is not subject to prudential supervision – for example, where the ultimate parent is a shell company or a non-financial company – then the controlling parent may be defined as the highest intermediate parent that is subject to prudential supervision. See also " parent bank " and " home country ".
core debt	See " debt, core and broad ".
countercyclical capital buffer (CCyB)	The countercyclical capital buffer aims to ensure that capital requirements take account of the macro-financial environment in which banks operate. Its primary objective is to use a buffer of capital to achieve the broader macroprudential goal of protecting the banking sector from periods of excess aggregate credit growth that have often been associated with the build-up of system-wide risk. Under the Basel III supervisory framework, it is calculated as the weighted average of the buffers in effect in the jurisdictions to which banks have a credit exposure.
counterparty	Entity that takes the opposite side of a financial contract or transaction – for example, the borrower in a loan contract, or the buyer in a sales transaction.
counterparty country	Country where the counterparty resides.
country	Territorial entity for which data are separately and independently maintained, including but not limited to national states as understood by international law and practice.
credit commitment	Promise by a creditor to lend up to a specified amount to a borrower on demand. In the CBS, credit commitments refer to commitments that are irrevocable unilaterally by the creditor, ie revocable only with the consent of the borrower.
credit default swap (CDS)	Contract whereby the seller commits to repay an obligation (eg bond) underlying the contract at par in the event of a default. To produce this guarantee, a regular premium is paid by the buyer during a specified period.
credit derivative	Derivative whose redemption value is linked to specified credit-related events, such as bankruptcy, credit downgrade, non-payment or default of a borrower. For example, a lender might use a credit derivative to hedge the risk that a borrower might default. Common credit derivatives include credit default swaps (CDS), total return swaps and credit spread options.

credit-to-GDP gap	The credit-to-GDP gap is defined as the difference between the credit-to-GDP ratio and its long-run trend, and captures the build-up of excessive credit in a reduced form fashion.
cross-border position	Position on a non-resident – for example, claim on or liability to a counterparty located in a country other than the country where the banking office that books the position is located.
currency option	Contract that gives the buyer the right (but not the obligation) to purchase or sell a currency at an agreed exchange rate at or by a specified date.
currency swap	Contract between two parties to exchange sequences of payments during a specified period, where each sequence is tied to a different currency. At the end of the swap, principal amounts in the different currencies are usually exchanged.

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debt, core and broad	According to the System of National Accounts (SNA), debt can be "defined as a specific subset of liabilities identified according to the types of financial instruments included or excluded. Generally, debt is defined as all liabilities that require payment or payments of interest or principal by the debtor to the creditor at a date or dates in the future" (2008 SNA, #22.104). The BIS "core debt" comprises the following financial instruments as defined in SNA 2008: debt securities (AF.3), loans (AF.4) and currency & deposits (AF.2). "Broad debt" is defined as the core debt plus special drawing rights (SDR, AF.12), insurance, pension and standardised guarantee schemes (IPSGS, AF.6) and other accounts payable (AF.8).
debt instrument	Instrument that requires the payment of principal and/or interest at some point(s) in the future. Debt instruments may refer to liabilities or claims, and include the following: currency and deposits, debt securities, loans, provision for calls under standardised guarantees, and other accounts receivable/payable.
debt security	Negotiable instrument serving as evidence of a debt. Debt securities include the following instruments: bills, bonds, notes, negotiable certificates of deposit, commercial paper, debentures, asset-backed securities, money market instruments and similar instruments normally traded in financial markets.
debt service ratio (DSR)	Debt service costs – comprising interest payments and debt amortisations – as a proportion of outstanding debt. The DSR is a measure of the financial constraints imposed by indebtedness.
derivative	Instrument whose value depends on some underlying financial asset, commodity or predefined variable.
derivative claim	Derivative contract with a positive market value.
domestic bank	Bank whose controlling parent is located in the respective BIS reporting country – for example, a bank with a controlling parent located in the United States is a US domestic bank.
domestic claim	Claim of a domestic bank on residents of the bank's home country. Domestic claims comprise local claims of the bank's offices in the country as well as cross-border claims of the bank's offices abroad.
domestic debt security (DDS)	Debt security issued in the local market of the country where the borrower resides, regardless of the currency in which the security is denominated.

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effective exchange rate (EER)	See " nominal effective exchange rate " or " real effective exchange rate ".
entity	Corporation, organisation or person that exists as a separately identifiable unit. "Separately identifiable" may be demonstrated by legal existence or the existence of a complete set of financial accounts, or by the ability to compile a meaningful and complete set of accounts if they were to be required.
equity forward	Contract between two parties to purchase or sell an equity or equity basket at a set price at a future date.

equity option	Contract that gives the buyer the right (but not the obligation) to purchase or sell an equity security or basket of equities at an agreed price at or by a specified date.
equity swap	Contract between two parties to exchange sequences of payments during a specified period, where at least one sequence is tied to an equity price or an equity index.
external position	See " cross-border position ".

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financial asset	A loan, debt security or other debt instrument; equity or investment fund share; financial derivative; employee stock option; or monetary gold. See also " claim ".
financial corporation	Entity that is principally engaged in providing financial services, such as financial intermediation, financial risk management or liquidity transformation. Financial corporations include the following entities: central banks, banks and non-bank financial corporations.
financial institution	See " financial corporation ".
fixed interest rate	Interest rate that is fixed for the life of the debt instrument or for a certain number of years. At the date of inception, the timing and value of coupon payments and principal repayments are known.
foreign bank	Bank whose controlling parent is located in a country other than that where the borrower resides, ie bank whose controlling parent is a non-resident financial institution.
foreign claim	Claim on residents of countries other than the country where the controlling parent is located, ie a claim of a domestic bank on non-residents of the reporting country. Foreign claims comprise local claims of the bank's offices abroad as well as cross-border claims of the bank's offices worldwide.
foreign exchange swap	Transaction involving the actual exchange of two currencies (principal amount only) on a specific date at a rate agreed at the time of the conclusion of the contract (the short leg), and a reverse exchange of the same two currencies at a date further in the future at a rate (generally different from the rate applied to the short leg) agreed at the time of the contract (the long leg).
forward contract	Contract between two parties for the delayed delivery of financial instruments or commodities in which the buyer agrees to purchase and the seller agrees to deliver, on an agreed future date, a specified instrument or commodity at an agreed price or yield. Forward contracts are generally not traded on organised exchanges, and their contractual terms are not standardised.
forward rate agreement (FRA)	Interest rate forward contract in which the rate to be paid or received on a specific obligation for a set period of time, beginning at some time in the future, is determined at contract initiation.

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general government	Sectoral classification that refers collectively to the central government, state government, local government and social security funds. General government excludes the central bank and publicly owned corporations.
gross credit exposure	Gross market value minus amounts netted with the same counterparty across all risk categories under legally enforceable bilateral netting agreements. Gross credit exposure provides a measure of exposure to counterparty credit risk (before collateral).

gross market value	Sum of the absolute values of all outstanding derivatives contracts with either positive or negative replacement values evaluated at market prices prevailing on the reporting date. Thus, the gross positive market value of a dealer's outstanding contracts is the sum of the replacement values of all contracts that are in a current gain position to the reporter at current market prices (and therefore, if they were settled immediately, would represent claims on counterparties). The gross negative market value is the sum of the values of all contracts that have a negative value on the reporting date (ie those that are in a current loss position and therefore, if they were settled immediately, would represent liabilities of the dealer to its counterparties). The term "gross" indicates that contracts with positive and negative replacement values with the same counterparty are not netted. Nor are the sums of positive and negative contract values within a market risk category such as foreign exchange contracts, interest rate contracts, equities and commodities set off against one another. Gross market values supply information about the potential scale of market risk in derivatives transactions and of the associated financial risk transfer taking place. Furthermore, gross market value provides a measure of economic significance that is readily comparable across markets and products.
gross issuance	Face value of securities issued during a specified period.
guarantees extended	Contingent liabilities that arise from an irrevocable obligation to pay a third-party beneficiary when a client fails to perform certain contractual obligations. Guarantees extended include the notional value of credit protection sold.

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head office	Entity that exercises managerial control over its affiliates. See also " controlling parent ".
hedge fund	Unregulated investment fund and various types of money managers, including commodity trading advisers (CTAs), which share (a combination of) the following characteristics: they often follow a relatively broad range of investment strategies that are not subject to borrowing and leverage restrictions, with many of them using high levels of leverage; they often have a different regulatory mandate than "institutional investors" and typically cater to sophisticated investors such as high net worth individuals or institutions; and they often hold long and short positions in various markets, asset classes and instruments, with frequent use of derivatives for speculative purposes.
Herfindahl index	Measure of market concentration, defined as the sum of the squared market shares of each individual entity. The index ranges from 0 to 10,000. If only one entity dominates the market, the measure will have the (maximum) value of 10,000.
high-frequency trading (HFT)	An algorithmic trading strategy that profits from incremental price movements, with frequent, small trades executed in milliseconds for very short investment horizons. HFT is a subset of algorithmic trading. See also " algorithmic trading ".
Hodrick-Prescott (HP) filter	The HP filter is a statistical tool used in macroeconomics, especially in real business cycle theory, to remove the cyclical component of a time series.
home country	See " parent country ".
host country	Country where the foreign affiliate of a banking group is located.
household	Group of persons who share the same living accommodation, who pool some or all of their income and wealth, and who consume certain types of goods and services collectively, mainly housing and food. In the LBS and CBS, the household sector refers collectively to households and non-profit institutions serving households.

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immediate counterparty basis	Methodology whereby positions are allocated to the primary party to a contract. In the CBS, claims on an immediate counterparty basis are allocated to the country and sector of the entity to which the funds were lent.
immediate issuer	See " immediate counterparty basis ".
index product	Multi-name CDS contract with constituent reference credits and a fixed coupon that are determined by an administrator such as Markit (which administers the CDX and iTraxx indices). Index products include tranches of CDS indices.

institutional investor	"Real money" investor such as a mutual fund, pension fund, insurance and reinsurance company, and endowment.
interbank	Business between banks. In the LBS, "interbank" typically refers to business between banking offices and thus includes inter-office business.
interest rate option	Contract that gives the buyer the right (but not the obligation) to pay or receive an agreed interest rate on a predetermined principal at or by a specified date.
interest rate swap	Contract to exchange periodic payments related to interest rates on a single currency; can be fixed for floating, or floating for floating based on different indices. This group includes those swaps whose notional principal is amortised according to a fixed schedule independent of interest rates.
international banking facility (IBF)	Banking office in the United States that engages primarily in cross-border banking business and is exempted from many of the rules and regulations that apply to banking offices engaged in local business. Similar entities exist in other countries. IBFs and similar entities are considered residents of the country in which they are located.
international claim	Claim on a non-resident or denominated in a foreign currency. International claims comprise cross-border claims in any currency plus local claims of foreign affiliates denominated in non-local currencies.
international debt security (IDS)	Debt security issued in a market other than the local market of the country where the borrower resides, ie issued in any market by a non-resident. IDS comprise what are conventionally known as eurobonds and foreign bonds. In the IDS statistics, debt securities are classified as international if at least one of the following characteristics differs from the country where the borrower resides: registration domain (ISIN), listing place or governing law.
international organisation	Entity whose members are either national states or other international organisations whose members are national states, and which is established by formal political agreements between its members that have the status of international treaties.
inter-office	See " <u>intragroup</u> ".
intragroup	Business between affiliates of the same corporate group. See also " <u>own office</u> ".

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Japan Offshore Market	See " <u>international banking facility</u> ".
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LBS by nationality (LBSN)	LBS aggregated by nationality of the reporting bank. See also " <u>locational banking statistics</u> ".
LBS by residence (LBSR)	LBS aggregated by the residence of the counterparty. See also " <u>locational banking statistics</u> ".
LBS-reporting country	See " <u>BIS reporting country</u> ".
loans and deposits	Non-negotiable debt instruments that are created when a creditor lends funds directly to a debtor. In the LBS, no distinction is made between loans and deposits; they are treated as economically equivalent. Loans and deposits include the cash leg of securities repurchase agreements, working capital and inter-office business.
local currency	Currency of the country where the borrower or issuer resides.
local position	Claim on or liability to a counterparty located in the same country as the banking office that books the position. Opposite of a " <u>cross-border position</u> ".
locational banking statistics (LBS)	A BIS-organised data collection that details the currency and geographical composition of banks' balance sheets. They capture outstanding claims and liabilities of banking offices located in BIS reporting countries, including intragroup positions. Central banks or other national authorities collect data from internationally active banks located in their jurisdiction, compile national aggregates and then report these to the BIS to calculate global aggregates. See also " <u>LBS by nationality</u> " and " <u>LBS by residence</u> ".
long-term	Having a maturity greater than one year.

master netting agreement	An agreement that permits netting of amounts owed under transactions governed by different agreements, often including one or more ISDA Master Agreements. Master netting agreements take different forms and may permit netting of payments to be made under a variety of master or other trading agreements between the same parties and often between their affiliates that may have master or other trading agreements in place between one another.
monetary financial institutions	Sectoral classification that refers collectively to banks, central banks and money market funds.
multi-name CDS	CDS contract that references more than one name – for example, portfolio or basket CDS, or CDS index.

nationality	Refers to the country where the controlling parent is located.
negotiable instrument	Instrument whose legal ownership is readily capable of being transferred from one owner to another by delivery or endorsement. A negotiable instrument is designed to be traded on an organised exchange or over the counter, although evidence of actual trading is not required for an instrument to be considered negotiable. See also "debt security".
net issuance	Gross issuance during a specified period minus redemptions during the same period. Net issuance may differ from changes in amounts outstanding during the period because the latter may be impacted by changes in market value, foreign exchange movements, debt restructurings and other adjustments.
net market value	Similar to gross credit exposure, with the difference that netting is restricted to one type of derivative product instead of across all products. In the OTC derivatives statistics, net market values are reported for CDS only.
net risk transfer	Inward minus outward risk transfers.
netting agreement	See "master netting agreement".
nominal effective exchange rate (NEER)	Weighted average of bilateral exchange rates. BIS-calculated NEERs are geometric trade-weighted averages of bilateral exchange rates. An increase in the index indicates an appreciation. See also "effective exchange rate" and "real effective exchange rate".
nominal value	Outstanding amount the debtor owes to the creditor, which is composed of the outstanding principal amount including any accrued interest.
non-bank	Entity that is not a bank. Sectoral classification that refers collectively to non-bank financial corporations and the non-financial sector.
non-bank financial corporation	Financial institution, other than a bank, engaged primarily in the provision of financial services and activities auxiliary to financial intermediation, such as fund management. Non-bank financial corporations include the following entities: special purpose vehicles, hedge funds, securities brokers, money market funds, pension funds, insurance companies, financial leasing corporations, CCPs, unit trusts, other financial auxiliaries and other captive financial institutions. They also include any public financial institutions such as development banks and export credit agencies.
non-bank financial institution	See "non-bank financial corporation".
non-bank private sector	Sectoral classification used in CBS that refers collectively to non-bank financial corporations, non-financial corporations and households, ie the non-bank sector excluding general government.
non-financial corporation	Entity whose principal activity is the production of market goods or non-financial services. Non-financial corporations include the following entities: legally constituted corporations, branches of non-resident enterprises, quasi-corporations, notional resident units owning land, and resident non-profit institutions that are market producers of goods or non-financial services.
non-financial customer	See "non-financial sector".

non-financial private sector	Sectoral classification that refers collectively to non-financial corporations and households, ie the non-financial sector excluding general government.
non-financial sector	Sectoral classification that refers collectively to non-financial corporations, general government and households.
non-local currency	Foreign currency. Opposite of local currency.
non-profit institution serving households (NPISH)	Entity engaged mainly in providing goods and services to households or the community at large free of charge or at prices that are not economically significant. See also " <u>household</u> ".
non-reporting bank	See " <u>banks and securities firms</u> ".
notional amount outstanding	Gross nominal or notional value of all derivatives contracts concluded and not yet settled on the reporting date.
novation	Process in which a bilateral derivatives contract between two market participants is replaced by two bilateral contracts between each of the market participants and a CCP.

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official financial institutions	Sectoral classification that refers collectively to central banks, sovereign wealth funds, international organisations, development banks and other public financial agencies.
official monetary authority	See " <u>central bank</u> ".
official sector	Sectoral classification used in the CBS that refers collectively to general government, central banks and international organisations.
original maturity	Period from issue until the final contractually scheduled payment.
outright forward	See " <u>forward contract</u> ".
own office	Entity owned or otherwise controlled by a banking group, including head office, branch office or subsidiary.

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parent country	Country where the controlling parent is located. Also referred to as the " <u>home country</u> ".
parent bank	See " <u>controlling parent</u> ".
position	Asset or liability.
private non-financial sector	See " <u>non-financial private sector</u> ".
proprietary trading	When a financial institution trades for direct gain instead of commission. Essentially, the institution has decided to profit from the market rather than from commissions from processing trades.
proprietary trading firm (PTF)	Entity that engages mainly in proprietary trading. PTFs include high-frequency trading firms.

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real effective exchange rate (REER)	NEER adjusted by some measure of relative prices or costs; changes in the REER thus take into account both nominal exchange rate developments and the inflation differential vis-à-vis trade partners. BIS-calculated REERs are adjusted by relative consumer prices. An increase in the index indicates an appreciation. See also " <u>effective exchange rate</u> " and " <u>nominal effective exchange rate</u> ".
redemption	Return of an investor's principal. Usually occurs at maturity date, but can also occur during the lifetime of a bond (eg partial or early redemption).
remaining maturity	Period from the reference date until the final contractually scheduled payment.
reporting bank	Financial institution that participates in the compilation of the LBS or CBS. See also " <u>BIS reporting institution</u> ".
reporting country	See " <u>BIS reporting country</u> ".

reporting dealer	Financial institution that participates in the compilation of the OTC derivatives statistics or the Triennial Central Bank Survey. See also " BIS reporting institution ".
repurchase agreement (repo)	Financial instrument involving the sale of (financial) assets at a specified price with a commitment to repurchase the same or similar assets at a fixed price on a specified future date (usually at short term) or on a date subject to the discretion of the purchaser.
residence	Country with which an entity has the strongest connection, expressed as the location from which it engages in economic activities and transactions on a significant scale. Each entity is a resident of one and only one country.
residential property price index (RPPI)	Index that measures the evolution of residential property prices over time. The real RPPI is deflated by consumer prices.
retail-driven transactions	Transactions with financial institutions that cater to retail investors – for example, electronic retail trading platforms and retail margin brokerage firms. Retail-driven transactions also include reporting dealers' direct transactions with "non-wholesale" investors (ie private individuals) executed online or by other means (eg phone).
risk transfer	Technique for transferring credit risk from the immediate counterparty to an ultimate counterparty. Outward risk transfers reallocate claims out of the country of the immediate counterparty. Inward risk transfers reallocate claims into the country of the ultimate counterparty.

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short-term	Having a maturity up to and including one year or on demand.
single-name CDS	Credit derivative where the reference entity is a single name.
special purpose entity (SPE)	Entity established for the sole purpose of carrying out a single transaction, such as in the context of asset securitisation through the issuance of asset-backed and mortgage-backed securities. Also referred to as a special purpose corporation (SPC) or special purpose vehicle (SPV).
spot transaction	Outright transaction involving the exchange of two currencies at a rate agreed on the date of the contract for value or delivery (cash settlement) in two business days or less.
stock	See "amount outstanding".
subsidiary	A separately incorporated entity in which another entity has a majority or full participation.
swap	Financial derivative in which two parties agree to exchange payment streams based on a specified notional amount for a specified period.

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total assets	Sum of financial assets and non-financial assets.
total debt securities (TDS)	Debt securities issued by residents of a given country in all markets, ie the sum of international and domestic debt securities. The BIS does not calculate TDS because of potential overlaps between the IDS and DDS statistics. TDS statistics are published only for countries whose central banks report the relevant data to the BIS.
trustee business	Funds received or invested on a trust basis in a bank's own name but on behalf of a third party.

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ultimate issuer	See " controlling parent ".
ultimate risk basis	Methodology whereby positions are allocated to a third party that has contracted to assume the debts or obligations of the primary party if that party fails to perform. In the CBS, claims on an ultimate risk basis are allocated to the country and sector of the entity that guarantees the claims (or, in the case of claims on branches, the country of the parent bank).

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vis-à-vis country	See " counterparty country ".
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