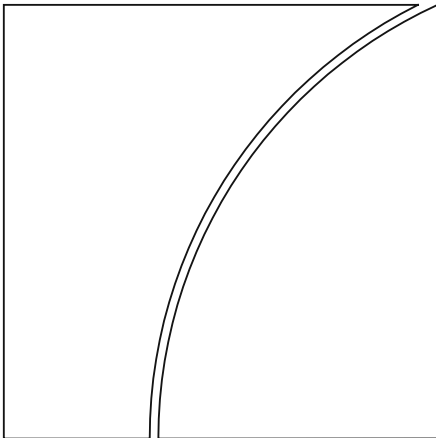




BANK FOR INTERNATIONAL SETTLEMENTS

BIS Statistical Bulletin

December 2016



BIS Statistical Bulletin
Monetary and Economic Department

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



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ISSN 2297-587X (online)
ISBN 978-92-9197-201-2 (online)

BIS Statistical Bulletin

December 2016

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/relcal.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-June 2016. For the following countries, the latest data are carried forward from previous quarters: The Bahamas (LBSR carried forward from end-June 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	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/financieele-instellingen/banken/index.jsp
Norway	www.ssb.no/en/bank-og-finansmarked
Portugal	www.bportugal.pt/EstatisticasWeb/(S(0qkwhovw2xiatof5zcs2fiiy))/Default.aspx
Russia	www.cbr.ru/eng/statistics/?PrtId=macro_itm
Singapore	www.mas.gov.sg/Statistics/Monthly-Statistical-Bulletin.aspx
South Africa	www.rs.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/i/about/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

Amounts outstanding, in billions of US dollars

Table A1.1

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
Type of position	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Cross-border positions	28,380.8	25,736.0	15,152.0	14,279.7	9,359.3	8,307.7	12,663.7	8,385.1	4,933.1	4,008.5	6,335.1	3,240.4	565.2	3,071.2
By residence of counterparty														
Developed countries	20,109.8	16,385.5	11,381.4	10,010.5	4,443.5	4,284.4	8,322.8	4,962.1	3,356.3	2,717.7	4,150.2	1,516.9	405.6	1,413.0
Of which: euro area	7,695.0	6,062.4	4,206.5	3,546.0	1,554.9	1,395.0	3,379.3	1,798.9	1,148.4	883.0	1,956.5	765.0	109.2	717.4
Offshore centres	4,181.9	4,409.5	1,902.5	2,326.9	1,062.3	1,243.2	2,263.0	2,037.2	1,206.2	1,001.6	893.6	862.3	16.5	45.4
Developing Africa and Middle East	631.6	853.8	258.2	492.3	48.2	39.3	365.4	359.4	31.7	48.0	272.8	244.6	8.1	2.2
Developing Asia and Pacific	1,723.1	1,402.1	934.5	893.3	364.9	309.0	738.7	499.0	72.9	68.5	497.0	328.7	49.9	9.8
Developing Europe	578.2	280.2	297.4	187.7	81.6	28.6	276.5	89.8	21.9	9.0	185.9	67.0	4.3	2.7
Developing Latin America and Caribbean	623.6	461.5	229.9	225.3	77.0	24.2	389.7	235.0	49.7	32.8	235.8	158.0	3.9	1.1
International organisations	292.2	242.1	45.4	65.5	0.0	0.1	239.9	171.9	188.7	121.2	37.6	41.8	6.9	4.8
Unallocated	240.5	1,701.3	102.8	78.3	3,281.7	2,378.9	67.8	30.9	5.8	9.8	62.0	21.1	69.9	1,592.2
By currency														
US dollar	13,887.1	13,017.4	7,323.4	7,528.4	4,878.7	4,521.4	6,405.1	4,524.2	2,447.7	2,163.6	3,190.7	1,607.6	158.6	964.8
Euro	8,280.5	7,379.4	4,559.1	3,856.9	2,305.4	2,217.0	3,461.5	1,952.4	1,243.3	1,098.7	1,868.0	688.5	259.9	1,570.1
Yen	1,692.1	899.0	688.8	559.2	397.7	274.2	980.4	256.0	569.0	177.5	367.1	45.2	22.9	83.8
Pound sterling	1,243.3	1,322.2	652.5	723.9	478.4	473.2	568.4	422.6	250.7	204.1	264.0	171.4	22.4	175.6
Swiss franc	521.8	400.6	331.3	242.5	167.4	92.4	182.7	103.4	82.5	36.9	90.3	59.9	7.8	54.8
Other currencies	1,029.4	1,441.8	597.1	781.8	296.2	461.1	425.1	629.9	123.0	139.8	215.6	399.4	7.2	30.1
Unallocated	1,726.5	1,275.7	999.8	587.1	835.5	268.5	640.4	496.6	216.9	188.0	339.4	268.3	86.3	192.0
By instrument														
Loans	19,233.4	20,095.2	11,823.5	12,542.9	6,757.1	6,313.0	7,405.3	7,427.0	2,875.2	3,380.4	3,155.1	2,788.4	4.6	125.3
Debt securities	6,087.0	3,275.4	1,664.6	556.6	79.0	8.7	4,293.7	236.4	750.6	74.3	1,361.1	123.4	128.7	2,482.4
Of which: short-term	.	486.5	.	66.8	.	2.6	.	143.8	.	46.0	.	97.7	.	276.0
Other instruments	2,930.3	2,251.8	1,535.1	1,161.4	520.5	341.4	963.4	619.1	446.7	247.8	254.8	213.6	431.9	471.3
Unallocated	130.1	113.6	128.8	18.8	730.4	944.3	1.3	102.6	860.7	306.0	1,564.0	115.0	0.0	-7.8
Local positions in foreign currencies	4,436.7	5,447.8	1,771.1	1,732.2	467.8	486.7	2,550.5	3,305.1	738.3	929.7	1,303.2	1,854.3	115.1	410.5
Local positions in local currencies	62,760.9	58,446.1	9,818.6	6,801.4	2,108.6	2,166.8	32,084.5	25,678.4	2,939.0	3,981.0	24,134.6	16,976.9	20,857.7	25,966.3
Unallocated	198.1	2,854.1	29.7	217.1	1.4	1.4	17.1	47.2	2.4	0.6	8.1	36.9	151.3	2,589.9

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

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
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Cross-border positions	489.3	614.7	350.5	260.7	319.6	296.1	114.5	318.7	140.9	281.3	-33.6	45.2	24.2	35.3
By residence of counterparty														
Developed countries	309.9	545.8	251.3	265.1	177.8	215.2	31.8	261.9	106.0	240.3	-74.3	33.1	26.8	18.9
Of which: euro area	67.1	102.7	90.1	75.0	56.0	63.3	-26.8	22.7	-1.4	19.6	-20.3	11.7	3.7	4.9
Offshore centres	57.7	17.6	22.8	-15.7	5.6	-29.7	33.0	33.2	34.3	29.8	-0.4	1.4	2.0	0.1
Developing Africa and Middle East	35.3	6.7	12.4	-8.4	5.0	2.1	24.1	15.1	4.1	1.4	17.8	12.6	-1.3	0.0
Developing Asia and Pacific	80.0	23.0	58.0	-2.4	21.4	36.0	18.0	25.5	1.2	12.0	12.7	7.5	3.9	-0.1
Developing Europe	-1.7	11.2	-0.4	10.8	2.9	-1.4	-0.9	0.2	0.3	1.3	-2.6	-1.1	-0.4	0.2
Developing Latin America and Caribbean	10.0	-3.4	1.7	6.4	8.0	7.1	7.6	-8.6	-0.6	1.1	8.3	-5.4	0.6	-1.2
International organisations	-3.4	-1.2	2.3	7.7	0.0	0.1	-4.2	-9.5	-3.6	-4.6	-1.0	-3.8	-1.5	0.5
Unallocated	1.6	15.0	2.4	-2.7	99.0	66.7	5.1	0.8	-0.8	0.0	6.0	0.9	-6.0	16.9
By currency														
US dollar	339.7	358.2	198.4	53.0	134.4	89.5	134.2	275.9	124.5	214.9	3.6	64.0	7.0	29.2
Euro	48.4	229.2	93.9	179.0	151.3	175.4	-56.2	37.0	-24.2	48.7	-30.6	-8.1	10.6	13.2
Yen	-16.2	-23.2	0.8	-11.9	-6.1	-15.6	-21.0	-10.4	10.8	-7.1	-33.7	-4.8	4.0	-1.0
Pound sterling	39.8	11.3	9.4	-5.6	3.7	-3.2	29.4	16.4	25.9	13.5	2.4	2.1	0.9	0.4
Swiss franc	31.7	18.9	31.8	17.7	22.7	6.6	-1.4	2.7	-1.9	2.3	0.0	0.3	1.2	-1.5
Other currencies	27.5	12.6	10.2	7.5	12.7	9.5	17.7	5.5	-0.5	5.7	4.9	-11.2	-0.4	-0.3
Unallocated	18.6	7.7	5.9	21.0	0.9	33.9	11.8	-8.4	6.2	3.2	19.8	2.7	0.9	-4.8
By instrument														
Loans	480.7	548.6	315.7	259.8	255.0	248.2	165.6	283.2	71.9	220.5	64.8	58.6	-0.6	5.6
Debt securities	-58.0	27.2	47.3	-0.5	6.4	0.1	-104.3	11.3	-9.7	9.5	-22.0	-4.3	-1.0	16.5
Of which: short-term	.	-13.9	.	-1.4	.	0.2	.	-0.5	.	2.7	.	-3.1	.	-12.0
Other instruments	68.4	39.1	-12.7	-0.2	9.7	7.2	55.4	25.6	13.8	8.8	-1.3	-0.1	25.8	13.7
Unallocated	-1.8	-0.2	0.3	1.7	60.0	-12.0	-2.1	-1.4	64.9	42.5	-75.1	-9.1	0.0	-0.6
Local positions in foreign currencies	88.7	87.8	19.6	29.8	-6.4	6.2	71.4	68.9	-3.5	4.2	63.5	58.5	-2.2	-10.9
Local positions in local currencies	602.7	370.4	204.3	6.2	-10.6	-9.1	336.7	372.4	2.9	-11.3	253.7	282.0	61.7	-8.3
Unallocated	-2.5	9.9	-4.3	7.8	0.1	0.0	1.6	0.2	-0.1	0.2	1.9	-0.2	0.3	1.9

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		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Banks in all LBS reporting countries	28,380.8	25,736.0	15,152.0	14,279.7	9,359.3	8,307.7	12,663.7	8,385.1	4,933.1	4,008.5	6,335.1	3,240.4	565.2	3,071.2
Australia	471.7	748.0	295.0	615.1	160.5	167.6	176.7	132.9	...	...	...	...	\	0.0
Austria	269.6	172.0	117.0	58.6	7.6	8.6	152.5	52.5	...	...	...	...	\	61.0
Bahamas	197.9	165.5	164.4	73.8	...	...	32.4	57.9	7.9	19.0	24.5	38.9	1.1	33.8
Bahrain	137.3	137.4	52.1	79.3	...	...	85.2	58.0	...	...	...	...	...	...
Belgium	649.1	529.7	384.2	270.1	227.6	143.6	264.8	235.9	136.5	181.8	128.3	54.1	0.0	23.8
Bermuda	13.7	3.4	6.5	0.1	3.8	0.1	7.2	3.3	1.8	2.2	5.4	1.1	0.0	\
Brazil	92.9	135.7	90.1	130.4	66.2	56.2	2.7	5.4	...	...	...	...	...	...
Canada	544.3	461.6	279.8	227.2	227.0	196.7	263.3	156.5	153.4	64.7	110.0	91.8	\	77.9
Cayman Islands	1,131.5	1,143.7	809.0	668.0	743.2	536.6	322.4	441.2	...	...	...	...	...	34.5
Chile	18.7	27.7	13.5	20.7	...	...	1.4	4.2	...	...	...	...	3.8	2.8
China	777.9	917.9	\	\	\	\	\	\	\	\	\	\	...	...
Chinese Taipei	370.5	185.9	199.0	103.0	95.6	56.8	167.3	81.1	78.7	15.8	88.7	65.3	4.2	1.8
Curaçao	17.2	16.2	9.6	10.1	...	...	7.6	6.1	...	...	...	...	...	...
Cyprus	22.0	23.1	8.3	9.0	4.3	6.6	13.7	14.0	6.3	3.5	7.4	10.4	0.0	0.1
Denmark	239.7	191.5	162.1	146.3	87.5	\	77.6	45.2	37.1	30.7	40.5	14.5	\	\
Finland	279.6	395.4	167.9	221.5	50.6	113.2	108.7	67.7	67.8	53.0	40.9	14.6	\	106.3
France	2,232.3	2,283.3	1,202.0	900.8	769.5	551.9	952.3	629.0	482.9	434.4	469.4	194.6	77.9	753.5
Germany	2,153.0	1,696.4	1,308.4	761.1	727.8	501.7	844.5	260.4	242.2	156.5	602.3	103.9	0.1	674.9
Greece	92.6	29.7	26.4	22.0	...	...	66.1	6.3	...	...	...	...	...	1.4
Guernsey	142.2	90.9	95.3	54.7	77.9	54.2	46.9	35.1	32.8	8.1	14.1	27.0	0.0	1.1
Hong Kong SAR	1,273.8	1,046.0	807.7	635.3	420.1	433.2	466.1	410.8	\	\	\	\	0.0	\
India	56.1	169.3	\	\	\	\	26.7	136.9	0.1	3.1	26.7	133.9	\	\
Indonesia	18.6	37.9	16.4	32.3	\	\	2.3	5.6	...	...	...	...	...	...
Ireland	311.3	276.4	182.6	135.6	106.3	87.5	128.1	68.7	43.3	52.8	84.7	15.9	0.6	72.2
Isle of Man	53.0	41.4	47.1	12.7	40.1	10.0	5.8	28.6	0.2	4.1	5.7	24.5	0.0	0.1
Italy	485.7	491.7	316.5	369.5	68.1	174.0	168.7	119.3	76.0	106.5	92.7	12.7	0.5	3.0
Japan	3,503.8	1,381.7	1,080.5	1,121.0	537.4	649.3	2,423.3	260.6	860.5	222.9	1,562.8	37.7	\	\
Jersey	152.2	97.9	131.9	42.5	127.1	32.8	20.3	55.4	...	...	...	...	...	...
Korea	217.3	236.9	85.6	181.9	31.8	73.3	96.2	17.8	10.8	12.2	85.4	5.6	35.4	37.2
Luxembourg	647.3	435.6	397.9	290.9	253.0	209.4	243.9	142.7	61.0	74.9	182.8	67.9	5.5	2.0
Macao SAR	107.9	74.0	54.3	38.8	41.4	33.8	53.5	34.7	8.1	6.0	45.4	28.7	0.1	0.5
Malaysia	58.7	95.9	\	\	\	\	15.2	22.7	...	...	...	...	...	\
Mexico	15.1	24.5	8.0	18.2	...	...	7.1	6.3	...	...	...	...	...	...
Netherlands	1,221.7	1,079.7	441.5	412.0	283.7	335.7	527.7	380.3	215.6	135.0	312.1	245.4	252.5	287.3
Norway	174.2	210.6	98.6	133.8	46.2	109.1	59.9	22.4	25.6	4.4	34.2	18.0	15.8	54.5
Panama	57.0	49.8	33.5	25.2	14.5	7.6	23.5	24.6	...	...	...	...	...	...
Portugal	73.4	73.3	36.5	50.8	\	\	36.9	22.1	15.4	8.8	21.5	13.3	...	0.4
Russia	239.9	171.4	91.9	60.9	0.5	8.7	143.4	106.4	56.6	68.4	86.8	38.0	4.6	4.1
Singapore	721.2	685.9	334.9	446.6	\	...	268.1	239.3	...	...	...	...	118.1	\

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
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Location of reporting bank														
South Africa	42.7	36.2	28.7	29.0	13.9	15.6	13.8	6.2	3.5	3.4	10.3	2.8	0.2	1.0
Spain	425.7	330.0	181.4	254.5	89.6	74.4	244.3	75.6	...	...	...	...	...	...
Sweden	421.4	252.6	308.2	200.7	222.5	93.6	113.2	51.9	40.2	27.7	73.0	24.2	\	\
Switzerland	816.0	887.3	477.5	427.6	182.7	194.0	337.3	460.6	163.0	182.8	174.3	277.8	1.2	-0.9
Turkey	30.6	122.9	24.1	106.4	12.6	9.3	6.5	16.5	1.0	7.5	5.5	8.9	...	0.0
United Kingdom	4,613.5	4,649.2	2,435.9	2,290.9	1,756.2	1,456.5	2,138.2	1,521.6	1,245.6	1,099.1	892.6	422.5	39.3	836.6
United States	2,789.5	3,422.8	1,681.3	2,109.8	1,341.6	1,563.9	1,108.2	1,313.0	700.2	832.0	408.0	481.0	\	\

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	Claims	Liabilities
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Banks in all LBS reporting countries	489.3	614.7	350.5	260.7	319.6	296.1	114.5	318.7	140.9	281.3	-33.6	45.2	24.2	35.3
Australia	7.5	6.7	-9.5	-11.4	-1.5	-6.9	17.0	18.1	...	...	...	...	\	0.0
Austria	-7.0	-2.6	-7.7	-1.5	-0.1	0.2	0.7	0.9	...	...	...	...	\	-1.9
Bahamas	1.4	1.3	1.2	0.3	...	...	0.2	0.5	0.1	0.1	0.1	0.4	0.0	0.4
Bahrain	-0.7	0.5	-2.4	0.7	...	...	1.7	-0.1	...	...	...	...	...	...
Belgium	10.2	8.0	1.6	-5.4	3.6	2.7	8.5	11.7	7.8	12.1	0.7	-0.4	0.0	1.6
Bermuda	0.4	1.1	1.8	-0.2	1.3	-0.2	-1.4	1.3	-0.6	1.2	-0.8	0.2	0.0	\
Brazil	4.5	-4.7	4.5	-4.7	7.4	2.0	0.0	-0.1	...	...	...	...	...	...
Canada	30.1	34.9	17.5	-1.9	14.7	-2.4	12.8	31.8	4.1	27.3	8.7	4.4	\	5.0
Cayman Islands	-29.1	-24.5	-13.6	6.0	-12.2	53.7	-15.5	-17.5	...	...	...	...	...	-13.0
Chile	1.0	-1.8	2.5	-1.4	...	...	-0.1	1.5	...	...	...	...	-1.5	-1.9
China	32.4	26.3	\	\	\	\	\	\	\	\	\	\	\	...
Chinese Taipei	9.4	5.9	6.9	4.0	3.8	2.8	5.4	2.0	0.4	0.5	5.1	1.6	-3.0	-0.1
Curaçao	-4.3	-4.3	-2.0	-1.9	...	...	-2.3	-2.3	...	...	...	...	...	...
Cyprus	-3.9	-2.4	-1.3	-2.5	0.0	-1.9	-2.6	0.1	0.0	-0.1	-2.6	0.2	0.0	0.0
Denmark	3.0	-6.9	6.2	-9.7	9.9	\	-3.3	2.8	-0.6	2.6	-2.7	0.3	\	\
Finland	-12.4	-6.8	-13.1	2.0	-3.0	2.8	-0.1	-10.0	2.4	-5.3	-2.6	-4.6	\	1.2
France	9.0	84.0	24.2	40.8	53.2	20.1	-22.2	40.2	3.3	38.9	-25.5	1.3	7.1	3.1
Germany	31.8	88.4	32.0	58.3	37.5	64.5	-0.2	17.9	1.7	21.6	-2.0	-3.7	0.0	12.2
Greece	-10.8	5.5	-4.9	4.5	...	...	-5.9	1.0	...	...	...	...	...	0.0
Guernsey	1.8	1.6	3.3	0.4	2.1	0.1	-1.4	1.3	-0.9	0.5	-0.6	0.8	0.0	-0.2
Hong Kong SAR	11.8	38.9	16.9	21.6	-19.7	23.4	-5.0	17.3	\	\	\	\	-	\
India	-11.7	5.6	\	\	\	\	-10.3	5.6	-0.2	1.0	-10.0	4.6	\	\
Indonesia	5.1	2.7	3.2	1.4	\	\	1.9	1.3	...	...	...	...	...	...
Ireland	-9.2	-5.6	-11.1	-6.0	-14.7	-0.5	2.6	2.9	1.3	2.2	1.3	0.7	-0.7	-2.5
Isle of Man	-0.3	0.2	-0.3	0.2	-1.1	-0.2	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0
Italy	8.8	0.8	3.7	-3.3	-1.9	5.0	5.0	3.9	0.9	3.6	4.1	0.3	0.0	0.2
Japan	71.4	27.4	79.5	4.8	59.5	-9.6	-8.1	22.6	66.1	32.0	-74.2	-9.4	\	\
Jersey	-5.6	-5.3	-10.2	-4.6	-9.9	-4.9	4.6	-0.8	...	...	...	...	...	...
Korea	2.2	4.0	3.9	5.5	1.0	4.6	0.1	-0.7	1.1	-0.3	-1.0	-0.3	-1.9	-0.9
Luxembourg	5.2	-4.6	2.3	-2.1	-3.2	-2.1	1.9	-2.7	-0.7	-5.5	2.6	2.8	1.0	0.2
Macao SAR	4.3	2.8	2.9	1.9	3.5	0.9	1.4	1.0	0.1	0.0	1.3	1.0	0.0	-0.1
Malaysia	-2.0	1.9	\	\	\	\	0.0	0.0	...	...	...	...	...	\
Mexico	-4.2	-0.7	-4.9	0.3	...	...	0.8	-0.9	...	...	...	...	...	...
Netherlands	45.1	66.3	3.3	34.1	4.6	30.9	19.5	11.3	11.5	2.3	8.0	9.0	22.4	20.8
Norway	7.9	5.1	11.6	10.7	0.8	7.9	-3.8	-0.4	-1.4	-0.5	-2.4	0.0	0.2	-5.2
Panama	-0.1	0.1	0.4	0.6	0.3	0.4	-0.5	-0.5	...	...	...	...	...	...
Portugal	0.1	1.1	-0.3	-0.5	\	\	0.4	1.6	-0.3	1.5	0.7	0.1	...	-
Russia	-2.0	-0.6	-4.7	-2.0	0.0	0.0	3.9	1.2	2.1	-0.5	1.8	1.8	-1.3	0.2
Singapore	6.0	-6.5	-1.1	-9.2	\	...	0.1	2.7	...	...	...	...	7.0	\

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
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Location of reporting bank														
South Africa	-0.2	-1.0	-0.1	-0.7	1.5	1.0	-0.3	-0.4	-0.3	-0.6	0.0	0.2	0.1	0.0
Spain	6.3	-8.1	1.6	3.0	4.8	-1.2	4.6	-11.1	...	...	...	...	...	...
Sweden	-10.3	2.6	-13.4	1.1	-9.0	1.8	3.1	1.5	0.5	2.1	2.6	-0.6	\	\
Switzerland	20.9	27.5	16.5	33.2	14.6	14.7	6.0	-3.9	2.0	-1.1	4.1	-2.8	-1.7	-1.7
Turkey	0.8	-1.2	0.3	-0.9	1.9	0.4	0.5	-0.3	0.1	0.2	0.4	-0.6	...	0.0
United Kingdom	151.3	126.2	127.0	3.0	95.2	-2.2	28.3	105.3	13.1	81.2	15.2	24.1	-4.0	17.9
United States	113.7	124.9	69.3	61.8	61.5	73.4	44.4	63.2	22.7	44.3	21.7	18.8	\	\

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	Claims	Liabilities	
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Country of residence of counterparty															
Counterparties in all countries	28,380.8	25,736.0	15,152.0	14,279.7	9,359.3	8,307.7	12,663.7	8,385.1	4,933.1	4,008.5	6,335.1	3,240.4	565.2	3,071.2	
Developed countries	20,109.8	16,385.5	11,381.4	10,010.5	4,443.5	4,284.4	8,322.8	4,962.1	3,356.3	2,717.7	4,150.2	1,516.9	405.6	1,413.0	
European developed countries	12,934.5	11,483.2	7,757.9	7,169.3	3,122.3	3,118.7	4,863.0	3,146.9	1,923.9	1,699.7	2,494.1	1,156.8	313.5	1,167.0	
Euro area	7,695.0	6,062.4	4,206.5	3,546.0	1,554.9	1,395.0	3,379.3	1,798.9	1,148.4	883.0	1,956.5	765.0	109.2	717.4	
Austria	209.7	108.0	120.0	76.0	15.3	20.2	89.4	20.3	6.2	5.8	81.2	13.8	0.3	11.8	
Belgium	388.1	455.6	207.7	244.4	117.3	136.8	147.1	67.0	20.5	13.1	121.3	51.9	33.3	144.1	
Cyprus	82.3	47.6	6.8	6.9	0.2	0.5	72.4	38.4	27.3	17.6	40.4	18.3	3.1	2.2	
Estonia	8.1	3.8	6.9	2.7	6.8	2.2	1.2	0.8	0.3	0.1	0.8	0.7	0.0	0.3	
Finland	217.1	75.3	155.8	58.5	100.6	35.8	59.2	14.9	8.3	3.2	49.5	11.1	2.2	2.0	
France	1,618.1	1,168.3	1,079.1	942.9	302.7	335.6	520.8	172.1	114.8	64.6	379.3	88.8	18.1	53.3	
Germany	1,391.1	1,540.5	913.3	1,028.5	242.5	330.1	453.9	321.3	101.9	102.9	310.0	168.4	23.9	190.7	
Greece	52.3	54.9	15.6	22.1	4.1	2.9	36.4	31.3	1.7	1.9	34.3	27.8	0.2	1.5	
Ireland	508.7	548.2	147.7	151.5	60.5	53.8	357.4	349.9	207.7	215.1	133.8	114.7	3.6	46.8	
Italy	591.3	284.8	333.4	174.1	187.7	95.4	246.9	66.5	30.4	28.3	171.7	35.3	11.0	44.2	
Latvia	6.2	6.3	4.1	4.8	3.9	2.2	2.0	1.5	0.2	0.1	1.4	1.3	0.1	0.1	
Lithuania	8.2	3.5	6.0	2.3	5.8	2.2	2.1	0.9	0.3	0.0	1.7	0.8	0.0	0.3	
Luxembourg	997.1	842.6	389.1	323.6	186.3	172.8	601.1	402.6	363.3	298.0	183.3	79.8	6.9	116.4	
Malta	23.9	14.7	12.2	5.3	6.6	2.3	11.4	8.8	1.4	2.5	9.1	5.3	0.2	0.7	
Netherlands	1,030.9	661.1	525.4	341.3	212.0	134.8	501.9	237.8	209.0	115.1	251.3	102.1	3.6	82.0	
Portugal	93.3	47.4	45.4	26.5	13.4	6.0	47.1	16.8	3.9	7.0	25.4	7.3	0.8	4.1	
Slovakia	21.8	5.3	9.7	1.5	1.9	0.6	12.1	2.8	0.7	0.2	6.7	2.3	0.0	1.0	
Slovenia	10.8	9.3	4.0	3.0	0.9	1.0	6.8	5.5	0.2	0.0	3.9	4.9	0.0	0.7	
Spain	436.0	185.2	224.2	130.1	86.7	59.8	209.9	39.9	50.4	7.5	151.4	30.5	1.8	15.2	
Andorra	3.2	4.2	2.0	2.9	0.3	0.1	1.2	1.3	0.0	0.0	0.5	0.8	0.0	0.0	
Denmark	219.8	170.6	137.3	124.8	43.5	46.2	81.0	35.6	38.9	21.6	41.1	13.3	1.6	10.2	
Iceland	7.0	6.8	5.0	5.3	0.0	0.0	2.0	1.4	0.3	0.3	1.7	1.1	0.0	0.2	
Liechtenstein	8.2	12.6	5.9	8.6	2.1	0.9	2.3	3.8	0.4	1.5	1.5	1.6	0.0	0.2	
Norway	261.9	108.8	187.4	86.4	98.9	30.5	74.0	20.7	33.5	5.1	38.4	15.1	0.4	1.8	
Sweden	336.5	264.0	239.4	215.1	102.1	170.6	92.2	31.6	22.3	11.5	67.9	19.0	4.9	17.3	
Switzerland	598.5	635.7	445.4	442.1	126.2	117.1	148.4	153.5	24.8	32.8	112.1	103.6	4.7	40.1	
United Kingdom	3,801.7	4,215.5	2,528.6	2,737.1	1,193.8	1,358.4	1,080.5	1,098.6	655.2	743.7	272.3	235.8	192.6	379.8	
Non-European developed countries	7,174.2	4,902.3	3,622.8	2,841.2	1,321.2	1,165.6	3,459.4	1,815.1	1,432.2	1,018.0	1,655.9	360.0	92.1	246.0	
Australia	424.2	234.5	281.0	173.3	97.6	55.7	136.9	55.0	30.7	27.3	90.3	20.7	6.3	6.2	
Canada	455.9	291.0	272.1	177.1	97.4	87.4	178.2	105.5	59.9	55.7	111.3	43.3	5.6	8.4	
Japan	1,321.3	836.1	896.0	594.7	505.6	296.0	407.4	155.3	246.4	88.3	149.4	54.9	17.9	86.0	
New Zealand	42.4	23.5	27.3	11.8	19.9	5.9	15.0	11.5	3.8	3.3	5.9	4.3	0.1	0.2	
United States	4,930.5	3,517.2	2,146.4	1,884.2	600.8	720.7	2,721.9	1,487.7	1,091.6	843.4	1,299.0	236.8	62.2	145.2	
Offshore centres	4,181.9	4,409.5	1,902.5	2,326.9	1,062.3	1,243.2	2,263.0	2,037.2	1,206.2	1,001.6	893.6	862.3	16.5	45.4	
Aruba	1.4	3.3	0.1	2.7	0.1	0.1	1.2	0.6	0.0	0.1	0.4	0.4	0.0	0.0	
Bahamas	119.5	161.1	78.5	100.9	32.9	42.3	40.9	57.2	19.8	28.1	15.7	18.8	0.1	3.0	

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	Claims	Liabilities
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Country of residence of counterparty														
Bahrain	29.9	28.0	24.9	21.2	9.3	5.0	4.9	6.7	0.7	0.6	3.4	4.3	0.1	0.2
Barbados	31.3	44.1	19.4	22.9	14.4	5.8	11.8	18.6	9.8	15.7	1.2	2.4	0.0	2.6
Bermuda	107.9	91.7	9.1	4.3	7.4	1.4	98.0	83.4	37.0	43.5	55.3	30.4	0.9	4.0
Cayman Islands	1,832.0	1,437.1	611.1	726.9	367.9	616.4	1,216.6	708.2	871.3	553.9	321.9	136.8	4.4	2.0
Curacao	17.8	27.7	5.1	5.6	3.3	1.9	12.6	22.1	7.6	16.2	3.8	5.4	0.1	0.0
Gibraltar	3.8	12.3	1.7	6.3	0.7	0.5	2.0	6.0	0.5	1.7	1.3	3.7	0.0	0.0
Guernsey	103.1	104.4	61.3	77.0	1.1	7.9	41.7	26.1	26.3	17.2	12.1	4.0	0.1	1.4
Hong Kong SAR	775.6	1,091.0	490.4	598.4	264.8	273.3	280.4	484.4	77.4	95.1	152.1	356.8	4.8	8.3
Isle of Man	24.9	53.7	7.7	40.3	3.5	3.7	17.1	13.3	1.7	5.6	14.3	5.0	0.0	0.1
Jersey	149.7	207.8	45.4	136.7	14.1	15.1	104.2	68.7	49.1	47.0	53.6	20.4	0.1	2.4
Lebanon	9.4	39.9	5.6	31.7	0.9	0.9	3.6	7.9	0.2	1.3	3.3	6.4	0.1	0.2
Macao SAR	46.0	87.5	39.9	78.5	21.8	23.6	6.2	8.9	0.1	0.2	4.9	8.3	0.0	0.1
Mauritius	18.6	17.6	3.8	7.6	1.7	2.9	13.8	10.0	5.2	3.0	7.3	5.2	1.1	0.0
Panama	93.3	95.1	13.2	15.1	2.1	1.0	79.7	62.7	11.8	26.6	63.3	31.7	0.3	17.3
Samoa	6.5	16.1	0.1	0.1	0.0	0.0	6.4	16.0	0.7	2.2	5.0	11.8	0.0	0.0
Singapore	593.9	586.7	478.1	445.7	314.6	241.0	114.6	138.6	20.3	31.8	75.3	92.7	1.3	2.4
West Indies UK	214.0	301.9	6.6	4.8	1.6	0.2	204.2	295.7	66.4	111.7	97.8	116.0	3.2	1.3
Developing countries	3,556.5	2,997.5	1,720.0	1,798.6	571.7	401.1	1,770.3	1,183.1	176.2	158.3	1,191.6	798.4	66.3	15.8
Developing Africa and Middle East	631.6	853.8	258.2	492.3	48.2	39.3	365.4	359.4	31.7	48.0	272.8	244.6	8.1	2.2
Algeria	2.4	6.2	1.2	2.7	0.8	0.2	0.5	3.4	0.0	0.0	0.4	3.1	0.7	0.0
Angola	8.6	30.4	2.6	12.7	0.1	1.1	6.0	17.7	0.5	0.1	4.6	17.5	0.0	0.0
Benin	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0
Botswana	0.9	1.7	0.2	1.2	0.0	0.3	0.7	0.5	0.0	0.0	0.6	0.4	0.0	0.0
Burkina Faso	0.5	0.3	0.1	0.1	0.1	0.0	0.4	0.2	...	0.0	0.4	0.2	0.0	0.0
Burundi	0.5	0.3	0.3	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0
Cameroon	3.7	1.8	0.3	0.4	0.2	0.0	3.3	1.4	0.0	0.0	3.3	1.4	0.1	0.0
Cape Verde	1.1	1.3	0.3	1.2	0.0	0.4	0.7	0.1	0.0	0.0	0.7	0.1	0.0	0.0
Central African Republic	0.1	0.1	0.0	0.0	...	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-
Chad	1.2	0.2	0.1	0.0	0.0	0.0	1.1	0.2	...	0.0	1.1	0.2	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	-	-
Congo	3.1	1.4	0.1	0.1	0.1	0.0	2.9	1.3	0.0	0.0	2.9	1.3	0.0	0.0
Congo Democratic Republic	3.2	1.5	0.1	0.5	0.0	0.0	3.1	0.9	0.0	0.0	3.1	0.9	0.0	0.0
Côte d'Ivoire	2.9	2.4	0.6	1.3	0.3	0.1	2.3	1.0	0.2	0.0	2.0	1.0	0.0	0.0
Djibouti	0.7	0.7	0.0	0.4	0.0	0.3	0.7	0.3	0.0	0.0	0.7	0.3	0.0	-
Egypt	23.1	20.5	11.8	9.9	1.1	1.1	11.1	10.5	0.4	0.3	9.5	9.7	0.2	0.0
Equatorial Guinea	0.2	0.4	0.0	0.0	0.0	0.0	0.1	0.4	...	0.0	0.1	0.3	0.0	0.0
Eritrea	0.5	0.7	0.0	0.6	...	...	0.5	0.1	...	0.0	0.5	0.1	0.0	0.0
Ethiopia	7.5	1.8	0.6	1.4	0.0	0.0	6.9	0.4	0.0	0.0	6.9	0.4	0.0	0.0
Gabon	2.4	1.4	0.1	0.2	0.0	0.2	2.3	1.1	0.0	0.0	2.0	1.1	0.0	0.0
Gambia	0.1	0.2	0.0	0.1	...	0.0	0.1	0.1	...	0.0	0.1	0.1	0.0	0.0

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

Amounts outstanding, in billions of US dollars

Table A3.1

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector	
	All sectors		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Ghana	10.0	3.7	1.3	1.5	0.1	0.3	8.6	2.2	0.5	0.3	7.8	1.8	0.1	0.0
Guinea	0.8	0.4	0.1	0.1	0.0	0.1	0.7	0.2	0.0	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	0.0
Iran	3.0	13.5	1.7	11.1	0.1	0.5	1.3	2.4	0.0	0.3	1.1	1.4	0.0	0.0
Iraq	2.4	6.0	1.2	4.9	0.0	0.0	1.2	1.1	0.0	0.0	1.0	0.8	0.0	0.0
Israel	15.7	32.8	4.1	11.2	1.9	5.8	11.3	21.3	1.0	2.8	10.1	17.2	0.3	0.3
Jordan	6.7	13.4	2.5	9.2	0.9	1.7	4.2	4.2	0.0	0.2	2.8	2.9	0.0	0.0
Kenya	10.4	11.8	1.9	6.7	0.3	0.2	8.4	5.1	0.5	0.2	7.4	4.1	0.0	0.0
Kuwait	19.6	102.3	7.5	52.6	0.2	0.1	12.1	49.4	0.6	6.2	5.0	18.7	0.0	0.4
Lesotho	0.1	0.6	0.0	0.5	0.0	0.3	0.1	0.1	...	0.0	0.1	0.1	0.0	0.0
Liberia	30.7	13.3	0.4	0.1	0.1	0.0	28.5	13.1	1.1	4.3	26.4	7.5	1.8	0.1
Libya	1.0	46.2	0.3	36.6	0.1	0.1	0.6	9.6	0.1	2.3	0.1	1.9	0.0	0.0
Madagascar	0.8	1.1	0.1	0.4	0.1	0.2	0.7	0.7	0.0	0.0	0.7	0.6	0.0	0.0
Malawi	0.3	0.4	0.0	0.2	0.0	0.0	0.3	0.2	0.0	0.0	0.3	0.2	0.0	0.0
Mali	0.6	0.4	0.1	0.1	0.0	0.0	0.5	0.3	0.0	0.0	0.5	0.3	0.0	0.0
Mauritania	0.8	0.6	0.1	0.3	0.0	0.0	0.7	0.3	0.0	0.0	0.7	0.2	0.0	0.0
Morocco	14.0	5.2	6.3	2.7	2.5	0.3	7.0	2.5	0.0	0.0	6.6	2.2	0.7	0.1
Mozambique	4.5	3.1	0.5	1.8	0.4	0.2	3.9	1.3	0.1	0.1	3.8	1.2	0.0	0.0
Namibia	0.7	0.8	0.1	0.3	0.1	0.2	0.6	0.5	0.0	0.1	0.5	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	0.0	0.4	0.1	...	0.0
Nigeria	16.0	22.6	6.6	15.5	0.6	0.9	9.3	7.1	0.6	1.1	8.5	5.6	0.0	0.0
Oman	15.2	13.6	2.9	5.1	0.1	0.0	12.3	8.6	0.1	0.5	8.3	7.5	0.0	0.0
Palestinian Territory	0.3	0.8	0.2	0.5	...	0.0	0.1	0.3	0.1	0.1	0.0	0.2	0.0	0.0
Qatar	60.5	34.0	33.3	15.2	0.8	1.0	27.0	18.8	1.5	2.1	19.2	15.2	0.2	0.0
Rwanda	0.2	0.3	0.0	0.1	0.0	...	0.1	0.2	...	0.0	0.1	0.2	0.0	0.0
St Helena	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	-
São Tomé and Príncipe	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	...	0.0
Saudi Arabia	91.1	221.6	31.3	167.9	3.8	0.6	57.2	53.5	7.4	11.8	35.8	29.8	2.5	0.2
Senegal	2.2	1.2	0.2	0.2	0.2	0.1	1.9	0.9	0.0	0.0	1.8	0.9	0.1	0.0
Seychelles	4.2	11.7	0.0	0.2	0.0	0.0	4.1	11.4	1.2	2.9	2.3	7.2	0.0	0.1
Sierra Leone	0.5	0.3	0.1	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.4	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	0.0
South Africa	46.6	40.3	20.0	24.4	8.7	4.9	26.3	15.8	6.3	3.1	19.1	10.4	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	0.3	0.7	0.1	0.4	0.0	0.1	0.2	0.4	0.0	0.1	0.0	0.3	0.0	0.0
Syria	0.1	2.0	0.0	0.9	0.0	0.0	0.1	1.1	...	0.0	0.1	1.0	0.0	0.0
Tanzania	4.3	2.3	0.3	1.1	0.0	0.1	4.0	1.2	0.1	0.1	3.8	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	3.7	3.6	2.0	2.1	0.7	0.3	1.7	1.5	0.0	0.1	1.6	1.3	0.0	0.0
Uganda	1.9	2.4	0.3	1.8	0.0	0.1	1.6	0.6	0.0	0.0	1.5	0.5	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	Claims	Liabilities
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Country of residence of counterparty														
United Arab Emirates	184.2	160.9	112.1	81.0	23.4	17.2	71.3	79.1	8.4	8.5	43.7	60.5	0.8	0.8
Yemen	0.4	1.3	0.0	0.3	0.0	0.0	0.4	0.9	0.0	0.0	0.3	0.8	0.0	0.0
Zambia	5.5	2.2	0.4	1.2	0.1	0.1	5.1	1.0	0.0	0.0	4.8	0.8	0.0	0.0
Zimbabwe	0.9	1.1	0.4	0.1	0.0	0.0	0.6	1.0	0.0	0.0	0.5	0.8	0.0	0.0
Developing Asia and Pacific	1,723.1	1,402.1	934.5	893.3	364.9	309.0	738.7	499.0	72.9	68.5	497.0	328.7	49.9	9.8
Afghanistan	0.0	2.4	0.0	2.2	0.0	0.0	0.0	0.2	...	0.0	0.0	0.2	...	0.0
Armenia	1.5	0.5	0.8	0.2	0.0	0.0	0.7	0.3	0.0	0.0	0.6	0.2	0.0	0.0
Azerbaijan	4.6	5.0	1.6	2.9	0.0	0.1	3.1	1.9	0.0	0.0	2.7	1.9	0.0	0.2
Bangladesh	8.2	10.4	4.0	9.0	1.3	0.1	4.1	1.4	0.0	0.0	2.9	0.9	0.0	0.0
Bhutan	0.1	0.6	0.0	0.6	...	...	0.1	0.0	...	0.0	0.0	0.0	...	0.0
British overseas territories	1.6	1.3	0.1	0.0	...	...	1.5	1.2	0.9	0.1	0.3	0.6	0.0	0.0
Brunei	1.7	3.1	0.2	0.6	0.1	0.3	1.4	2.5	0.1	0.3	0.8	1.9	0.0	0.0
Cambodia	8.3	2.2	2.8	1.7	1.2	0.1	5.5	0.5	0.2	0.0	5.0	0.4	0.0	0.0
China	753.8	619.4	458.4	403.0	196.7	179.6	282.6	211.3	29.3	26.5	200.9	168.1	12.8	5.1
Chinese Taipei	109.7	231.0	78.8	127.2	30.8	64.2	30.2	103.7	8.1	12.9	17.6	73.1	0.8	0.1
Fiji	1.0	0.4	0.7	0.2	0.6	0.0	0.3	0.2	...	0.0	0.3	0.1	0.0	0.0
French Polynesia	1.6	0.9	0.9	0.5	0.9	0.3	0.7	0.4	0.0	0.0	0.7	0.4	0.1	0.0
Georgia	1.3	1.4	0.6	0.9	0.1	0.0	0.6	0.4	0.2	0.0	0.4	0.4	0.1	0.0
India	182.3	66.9	71.9	59.2	14.2	11.8	96.7	7.7	4.5	1.5	56.3	4.3	13.8	0.1
Indonesia	107.3	20.5	32.2	12.9	14.7	3.2	69.6	7.6	3.0	0.5	33.0	5.5	5.5	0.0
Kazakhstan	20.8	16.4	3.5	7.2	0.2	0.2	17.2	8.0	1.0	0.3	14.4	7.1	0.0	1.2
Kiribati	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	...	...	0.0	0.0	-	-
Korea	190.0	131.5	136.1	90.4	67.5	21.1	46.6	38.6	11.9	15.5	31.0	14.0	7.4	2.5
Kyrgyz Republic	1.6	1.1	0.0	0.9	0.0	0.0	1.5	0.2	0.0	0.0	1.5	0.1	0.0	0.0
Laos	9.4	3.0	3.4	2.8	2.3	2.1	6.0	0.3	0.1	0.0	5.7	0.1	...	0.0
Malaysia	70.6	32.9	42.6	16.7	4.3	6.7	21.3	16.1	2.9	2.0	11.5	12.2	6.6	0.2
Maldives	0.9	0.4	0.1	0.1	0.1	0.0	0.8	0.2	...	0.0	0.5	0.2	0.0	0.0
Marshall Islands	45.8	15.7	0.5	0.2	0.3	0.0	45.2	15.4	3.8	4.0	38.3	9.3	0.1	0.0
Micronesia	0.0	0.0	...	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
Mongolia	5.0	1.1	1.2	0.4	0.0	...	3.8	0.8	0.0	0.0	2.8	0.7	0.0	0.0
Myanmar	5.5	1.8	5.0	1.0	0.6	0.0	0.5	0.7	1.0	0.0	0.3	0.5	0.0	0.0
Nauru	0.0	0.1	...	0.0	...	...	0.0	0.1	...	0.0	0.0	0.0	...	0.0
Nepal	0.3	4.3	0.0	3.8	0.0	0.0	0.3	0.4	...	0.0	0.2	0.3	-	0.0
New Caledonia	4.7	1.2	1.9	0.6	1.9	0.5	2.7	0.6	0.0	0.0	2.7	0.4	0.1	0.0
North Korea	0.0	0.1	0.0	0.0	...	...	0.0	0.1	...	0.0	0.0	0.1	0.0	0.0
Pakistan	15.4	9.9	4.0	6.9	1.6	0.3	11.4	3.0	0.0	0.0	9.5	2.2	0.0	0.0
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	...	0.0	0.0	...	...
Papua New Guinea	2.2	0.9	0.4	0.3	0.1	0.0	1.8	0.6	0.0	0.0	1.4	0.1	0.0	0.0
Philippines	28.3	23.7	12.5	16.1	3.4	1.3	15.8	7.5	1.4	0.8	10.1	6.3	0.1	0.1
Solomon Islands	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.2	...	0.0	0.0	0.1	-	0.0

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

Amounts outstanding, in billions of US dollars

Table A3.1

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector	
	All sectors		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Sri Lanka	11.0	2.2	4.5	1.4	1.2	0.2	6.4	0.8	0.1	0.0	5.8	0.5	0.1	0.0
Tajikistan	1.5	0.4	0.1	0.3	...	...	1.4	0.1	...	0.0	1.4	0.1	0.0	0.0
Thailand	74.2	38.3	50.0	21.6	15.5	9.1	21.9	16.6	3.8	3.5	9.5	11.5	2.2	0.1
Timor Leste	0.0	0.9	0.0	0.7	0.0	0.4	0.0	0.2	...	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	0.1	0.0	...	0.0
Turkmenistan	3.3	26.1	0.4	25.6	0.0	...	2.9	0.5	0.0	0.0	2.9	0.5	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	0.0	...	...	...	1.2	0.1	0.0	0.0	0.0	0.1	0.0	...
Uzbekistan	6.4	15.8	2.3	14.0	0.0	0.0	4.0	1.8	0.7	0.2	3.3	1.6	0.0	0.0
Vietnam	38.3	13.3	11.6	11.2	4.5	4.0	26.6	2.1	0.6	0.1	20.8	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	578.2	280.2	297.4	187.7	81.6	28.6	276.5	89.8	21.9	9.0	185.9	67.0	4.3	2.7
Albania	1.1	1.6	0.3	1.4	0.1	0.2	0.8	0.2	0.0	0.0	0.6	0.2	0.1	0.0
Belarus	10.7	3.3	5.2	2.7	0.0	0.0	5.5	0.5	0.1	0.0	5.0	0.4	0.0	0.0
Bosnia and Herzegovina	2.0	1.6	1.1	1.1	0.0	0.1	1.0	0.4	0.0	0.0	0.6	0.4	0.0	0.0
Bulgaria	10.6	12.4	4.8	10.4	1.3	0.9	5.8	1.9	0.4	0.3	3.1	1.3	0.0	0.1
Croatia	19.8	7.4	8.3	5.9	1.0	0.1	11.5	1.5	0.4	0.1	5.7	0.9	0.0	0.0
Czech Republic	49.1	18.9	32.6	10.8	17.7	4.4	16.3	7.2	0.7	0.4	10.3	6.0	0.2	0.9
Hungary	28.7	14.0	13.4	8.5	4.4	3.3	15.1	5.4	0.7	0.4	10.8	3.4	0.2	0.1
Macedonia FYR	1.5	1.3	0.7	1.1	0.1	0.0	0.8	0.2	0.0	0.0	0.8	0.1	0.0	0.0
Montenegro	0.9	0.5	0.2	0.4	0.1	0.0	0.7	0.1	0.0	0.0	0.6	0.1	0.0	0.0
Poland	99.1	36.0	58.0	29.2	20.2	1.8	40.0	6.7	4.0	0.8	28.9	5.6	1.1	0.1
Romania	29.7	7.4	17.2	5.1	3.4	1.3	12.3	2.3	0.9	0.0	6.2	1.9	0.1	0.0
Russia	102.8	111.6	39.1	73.2	12.4	8.5	62.5	37.3	4.3	5.6	51.1	28.0	1.3	1.2
Serbia	6.3	4.5	2.8	3.3	0.8	0.1	3.2	1.1	0.1	0.1	2.3	0.9	0.4	0.0
Turkey	198.2	39.8	104.3	19.3	16.3	4.4	93.1	20.3	10.1	1.1	54.1	13.9	0.7	0.2
Ukraine	12.7	11.9	6.5	8.0	1.2	1.0	6.2	3.8	0.1	0.1	5.2	3.4	0.1	0.0
Developing Latin America and Caribbean	623.6	461.5	229.9	225.3	77.0	24.2	389.7	235.0	49.7	32.8	235.8	158.0	3.9	1.1
Argentina	18.8	24.0	7.0	2.6	1.1	0.2	11.4	21.3	1.0	1.9	9.5	17.7	0.3	0.1
Belize	3.8	14.8	0.2	0.5	0.1	0.0	3.6	14.2	1.5	5.1	2.0	8.0	0.0	0.2
Bolivia	1.3	7.5	0.2	5.9	0.0	0.0	1.1	1.6	0.0	0.2	1.0	1.3	0.0	0.0
Bonaire, Sint Eustatius and Saba	0.1	0.1	0.0	0.0	0.0	...	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Brazil	261.7	96.1	120.7	63.2	49.7	13.5	139.2	32.8	15.4	7.8	83.3	20.5	1.8	0.1
Chile	47.1	31.7	22.8	19.9	6.4	1.3	24.0	11.5	3.4	1.4	16.0	8.7	0.3	0.3
Colombia	29.1	19.2	11.1	4.4	1.6	0.4	17.4	14.7	1.4	1.6	10.3	6.6	0.6	0.1
Costa Rica	9.4	6.7	5.1	3.5	0.2	0.1	4.3	3.2	0.1	0.2	1.1	1.2	0.0	0.0
Cuba	1.4	2.1	1.0	1.8	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	0.2	0.0	0.0
Dominican Republic	6.7	7.3	1.8	2.7	0.4	0.0	4.9	4.6	0.3	0.3	3.0	2.9	0.0	0.0
Ecuador	14.2	7.8	1.2	2.0	0.0	0.0	12.8	5.8	0.3	0.3	11.1	3.5	0.2	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	Claims	Liabilities
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Country of residence of counterparty														
El Salvador	4.7	2.0	2.8	0.6	0.9	0.2	1.8	1.4	0.2	0.1	0.8	0.7	0.0	0.0
Falkland Islands	0.0	0.2	0.0	0.1	...	...	0.0	0.1	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	0.1	0.0	0.0
Guatemala	6.6	5.5	2.2	0.8	0.0	0.1	4.3	4.7	0.2	0.3	1.5	2.8	0.1	0.0
Guyana	0.6	0.4	0.1	0.1	0.0	0.0	0.5	0.3	0.0	0.0	0.1	0.2	-	0.0
Haiti	0.2	0.5	0.0	0.2	0.0	0.0	0.2	0.3	0.0	0.0	0.2	0.2	-	0.0
Honduras	2.4	4.6	0.8	3.1	0.0	0.0	1.6	1.5	0.1	0.2	0.9	0.7	0.0	0.0
Jamaica	3.2	2.0	0.8	1.2	0.5	0.1	2.4	0.8	0.4	0.1	1.8	0.5	0.0	0.0
Mexico	129.4	130.8	27.5	72.8	9.7	5.3	101.6	57.9	11.8	5.4	57.4	44.7	0.3	0.1
Nicaragua	0.9	1.4	0.3	0.5	0.0	...	0.7	0.9	0.0	0.0	0.3	0.3	0.0	0.0
Paraguay	2.0	2.5	1.0	1.5	0.0	0.0	1.0	1.0	0.0	0.1	0.5	0.9	0.0	0.0
Peru	37.0	24.2	12.5	15.2	3.0	0.6	24.4	8.9	1.4	1.7	19.4	5.2	0.1	0.0
St Lucia	0.4	0.8	0.1	0.3	0.1	...	0.3	0.5	0.0	0.1	0.2	0.4	0.0	0.0
St Vincent and the Grenadines	0.9	2.0	0.0	0.2	0.0	...	0.8	1.9	0.5	0.9	0.3	0.9	0.0	0.0
Suriname	0.9	1.1	0.0	0.6	0.0	...	0.9	0.5	0.0	0.0	0.4	0.5	0.0	0.0
Trinidad and Tobago	4.9	8.0	2.5	5.2	2.4	0.0	2.4	2.8	0.2	0.5	1.6	1.5	0.0	0.0
Turks and Caicos Islands	0.6	1.7	0.2	0.6	0.0	0.0	0.5	1.1	0.2	0.1	0.2	0.9	0.0	0.0
Uruguay	8.1	17.4	2.3	8.9	0.7	2.2	5.8	8.5	1.6	2.4	3.4	5.6	0.1	0.1
Venezuela	13.1	37.4	5.8	6.7	0.0	0.0	7.3	30.7	0.3	1.7	4.4	20.5	0.0	0.0
International organisations	292.2	242.1	45.4	65.5	0.0	0.1	239.9	171.9	188.7	121.2	37.6	41.8	6.9	4.8
Unallocated location	240.5	1,701.3	102.8	78.3	3,281.7	2,378.9	67.8	30.9	5.8	9.8	62.0	21.1	69.9	1,592.2

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	Claims	Liabilities
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Country of residence of counterparty														
Counterparties in all countries	489.3	614.7	350.5	260.7	319.6	296.1	114.5	318.7	140.9	281.3	-33.6	45.2	24.2	35.3
Developed countries	309.9	545.8	251.3	265.1	177.8	215.2	31.8	261.9	106.0	240.3	-74.3	33.1	26.8	18.9
European developed countries	229.2	365.2	191.4	223.0	116.8	172.6	22.4	117.4	24.5	88.7	-9.1	28.0	15.5	24.7
Euro area	67.1	102.7	90.1	75.0	56.0	63.3	-26.8	22.7	-1.4	19.6	-20.3	11.7	3.7	4.9
Austria	-1.4	0.3	-0.8	-1.0	-0.1	-0.5	-0.6	1.3	0.2	0.1	-0.7	1.4	0.0	0.0
Belgium	-1.3	11.3	-7.7	3.4	2.9	2.6	-1.7	6.3	1.6	0.9	-2.7	5.2	8.1	1.6
Cyprus	-1.7	-1.6	-2.0	-0.6	0.1	-0.1	0.7	-0.9	0.4	-2.2	0.3	1.1	-0.4	-0.1
Estonia	0.2	-0.1	0.1	0.1	0.1	0.2	0.1	-0.2	0.0	0.0	0.1	-0.2	0.1	0.0
Finland	-4.7	-8.9	-1.8	-1.8	-1.0	0.9	-2.8	-6.7	0.1	-0.1	-2.9	-6.6	-0.1	-0.3
France	4.6	30.1	7.6	21.4	27.8	26.6	-4.5	3.9	6.6	3.3	-8.8	4.9	1.5	4.8
Germany	73.1	50.7	80.1	46.4	11.0	5.5	-8.4	4.3	2.9	-1.5	-11.2	2.6	1.4	0.0
Greece	2.9	-1.7	2.0	-1.6	-0.3	-1.2	0.7	-0.1	0.3	-0.2	0.3	0.1	0.2	0.0
Ireland	-2.6	-16.0	3.6	-4.2	-1.6	-5.1	-3.3	-11.6	-10.2	-10.9	8.5	-0.7	-2.9	-0.2
Italy	-22.4	-4.5	-13.2	0.3	-11.6	9.7	-8.6	-4.7	-0.2	-0.3	-10.8	-4.2	-0.6	-0.1
Latvia	-0.4	0.4	-0.4	-0.1	-0.4	0.2	0.0	0.5	0.0	0.0	-0.1	0.5	0.0	0.0
Lithuania	0.2	-0.2	0.2	-0.2	0.2	-0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Luxembourg	7.9	10.6	7.9	-4.3	21.9	0.5	3.8	15.5	-0.4	19.7	8.1	4.3	-3.8	-0.6
Malta	0.5	-2.1	0.5	-1.5	1.6	-0.3	0.1	-0.6	0.0	-0.1	0.1	-0.5	0.0	0.0
Netherlands	24.1	23.5	26.3	9.3	10.0	18.0	-1.6	14.5	2.1	9.4	-2.6	3.9	-0.6	-0.2
Portugal	2.2	-1.1	-0.8	-1.0	-1.3	-0.5	2.4	0.0	-0.4	0.2	2.2	0.1	0.6	-0.1
Slovakia	0.0	0.6	-0.8	-0.3	-0.4	0.2	0.8	0.0	-0.1	0.2	0.2	0.9	0.0	0.1
Slovenia	0.1	-0.4	-0.1	0.0	0.0	0.1	0.3	-0.4	0.0	0.0	0.2	-0.4	0.0	0.0
Spain	-14.2	11.8	-10.5	10.8	-2.7	6.6	-4.0	0.9	-4.5	1.4	-0.6	-0.7	0.3	0.1
Andorra	0.1	0.1	0.1	0.1	0.3	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Denmark	-12.1	6.1	-11.1	8.6	-2.9	10.6	0.2	-1.3	-2.0	-0.3	2.3	-1.0	-1.3	-1.2
Iceland	-0.6	-0.5	-0.3	-0.1	0.0	0.0	-0.3	-0.4	0.0	0.1	-0.3	-0.4	0.0	0.0
Liechtenstein	0.1	-0.9	0.3	-1.0	0.1	-0.2	-0.1	0.1	0.0	0.3	0.0	-0.2	0.0	0.0
Norway	12.2	2.5	8.5	2.0	6.8	10.7	3.7	0.3	2.8	-0.1	0.8	0.4	0.0	0.2
Sweden	-0.2	-19.9	1.5	-15.7	6.1	-8.2	-2.4	-5.6	-2.6	-1.8	0.2	-3.8	0.8	1.5
Switzerland	39.3	48.6	40.5	31.2	6.6	4.8	-1.4	14.9	-3.9	5.0	2.4	8.8	0.2	2.5
United Kingdom	123.2	226.5	61.7	122.9	43.6	91.6	49.5	86.7	31.7	66.1	5.8	12.7	12.0	16.9
Non-European developed countries	80.7	180.5	59.7	42.0	61.0	42.6	9.8	144.4	81.5	151.6	-64.7	5.0	11.3	-5.9
Australia	13.0	1.2	7.0	-0.3	1.1	-12.2	5.7	1.8	0.9	1.6	5.9	-0.3	0.4	-0.4
Canada	11.7	23.6	1.2	6.6	-0.4	13.9	10.8	17.4	6.9	13.3	4.1	3.8	-0.3	-0.4
Japan	5.8	54.9	5.4	44.1	-6.1	38.0	-3.9	9.7	8.9	-0.2	-14.3	8.1	4.4	1.1
New Zealand	1.0	-0.9	0.5	-1.6	0.0	-1.2	0.5	0.7	0.4	0.0	0.0	0.0	0.0	0.0
United States	49.3	101.7	45.7	-7.0	66.4	4.2	-3.2	114.8	64.4	136.9	-60.5	-6.6	6.8	-6.1
Offshore centres	57.7	17.6	22.8	-15.7	5.6	-29.7	33.0	33.2	34.3	29.8	-0.4	1.4	2.0	0.1
Aruba	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Bahamas	-6.1	8.1	-10.8	5.2	-1.8	7.1	4.7	2.9	4.5	2.7	0.2	-0.3	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

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector	
	All sectors		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Bahrain	0.8	-1.8	0.4	-2.2	0.3	-1.6	0.4	0.4	0.1	0.1	0.2	0.4	0.0	0.0
Barbados	0.1	-3.8	-0.2	-4.4	-0.2	0.8	0.2	0.5	0.2	0.4	-0.1	0.2	0.0	0.1
Bermuda	0.7	6.4	0.0	0.6	0.1	0.1	0.7	5.8	-1.3	2.6	1.5	1.2	0.0	0.0
Cayman Islands	36.5	1.4	26.7	-20.6	-3.2	-17.1	9.0	21.5	21.4	21.0	-12.4	0.3	0.8	0.5
Curacao	-2.8	-2.8	-1.4	-1.1	-1.3	-0.4	-1.4	-1.6	-1.3	-2.0	0.1	0.3	0.0	0.0
Gibraltar	-0.4	0.7	-0.2	0.4	0.1	0.0	-0.2	0.3	0.0	0.1	-0.2	0.2	0.0	0.0
Guernsey	3.0	2.6	0.9	4.1	0.1	0.8	2.2	-1.5	1.4	-0.6	0.8	-0.6	0.0	0.0
Hong Kong SAR	22.4	5.0	14.3	-3.9	19.4	-6.7	8.3	8.9	11.7	2.1	1.6	7.7	-0.2	0.1
Isle of Man	-0.2	1.0	-0.2	0.9	-0.1	-0.3	0.1	0.1	0.0	0.5	0.1	-0.4	0.0	0.0
Jersey	-1.1	-3.0	-6.2	-7.2	-2.2	-8.3	5.2	4.0	1.0	4.5	4.1	-0.7	-0.1	0.2
Lebanon	0.7	1.0	0.6	1.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0
Macao SAR	-0.6	2.0	-0.7	2.3	-3.2	0.9	0.1	-0.3	0.0	0.0	-0.1	-0.4	0.0	0.0
Mauritius	-1.6	-0.6	-0.2	0.3	0.0	0.5	-1.4	-0.9	-0.6	-0.4	-0.8	-0.5	0.0	0.0
Panama	-1.7	-4.4	0.8	0.2	0.0	-0.4	-2.6	-3.2	-0.3	-2.3	-2.0	-0.4	0.2	-1.3
Samoa	0.0	0.3	-0.1	0.0	0.0	0.0	0.1	0.3	0.0	0.5	0.1	-0.1	0.0	0.0
Singapore	2.7	4.7	-2.3	7.1	-2.9	-5.1	4.4	-3.0	-1.0	1.4	2.6	-6.2	0.6	0.6
West Indies UK	6.0	0.8	1.7	1.4	0.3	0.0	3.7	-0.6	-1.4	-0.9	4.4	1.4	0.6	0.0
Developing countries	123.5	37.5	71.7	6.4	37.3	43.8	48.8	32.3	5.0	15.9	36.2	13.6	2.9	-1.2
Developing Africa and Middle East	35.3	6.7	12.4	-8.4	5.0	2.1	24.1	15.1	4.1	1.4	17.8	12.6	-1.3	0.0
Algeria	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0
Angola	-0.4	1.9	-0.3	-1.2	-0.2	0.0	-0.1	3.1	-0.1	0.0	0.0	3.1	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	0.1	0.1	0.0	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Burkina Faso	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	0.2	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Cameroon	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	0.0
Cape Verde	0.0	0.2	0.0	0.3	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	0.0	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	-
Congo	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	0.1	0.0	0.0	0.0
Congo Democratic Republic	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0
Côte d'Ivoire	0.2	0.1	0.1	0.2	0.1	-0.1	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Djibouti	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
Egypt	2.2	0.8	1.1	0.8	0.1	-0.2	1.1	0.0	0.0	-0.1	1.2	0.1	0.0	0.0
Equatorial Guinea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Eritrea	0.1	0.0	-	0.0	...	...	0.1	0.0	...	0.0	0.1	0.0	0.0	0.0
Ethiopia	0.6	-0.1	-0.1	0.1	0.0	0.0	0.7	-0.1	0.0	0.0	0.7	-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	0.0	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

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector	
	All sectors		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Ghana	0.0	-0.3	-0.1	-0.1	0.0	0.0	0.1	-0.2	0.1	0.0	0.0	-0.2	0.0	0.0
Guinea	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	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	-3.5	-0.1	-3.2	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	-0.2	0.0	0.0
Iraq	0.1	-0.4	0.1	-0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
Israel	0.2	0.6	0.0	-0.6	0.1	-0.9	0.1	1.2	-0.1	0.3	0.2	0.8	0.1	0.0
Jordan	0.1	-0.7	0.1	-0.7	0.9	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.2	0.0	0.0
Kenya	0.8	-0.1	-0.1	0.0	0.1	0.0	0.9	0.0	0.1	0.0	0.8	0.0	0.0	0.0
Kuwait	-1.8	1.8	-1.7	0.5	0.0	-0.1	-0.1	1.1	0.3	-0.2	-0.1	1.3	0.0	0.2
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	1.3	-1.0	0.1	0.0	0.0	0.0	1.3	-1.0	-0.1	-0.3	1.2	-0.5	0.0	0.0
Libya	-0.3	1.1	-0.3	1.9	0.0	0.0	0.0	-0.8	0.0	-0.2	0.0	-0.8	0.0	0.0
Madagascar	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
Malawi	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
Mali	-0.9	0.0	-0.9	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	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
Morocco	0.4	-0.7	0.2	-0.7	-0.1	-0.2	0.1	-0.1	0.0	0.0	0.1	0.0	0.1	0.1
Mozambique	0.1	0.1	-0.1	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Namibia	-0.1	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niger	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	-
Nigeria	-1.6	2.3	-1.0	2.6	0.1	0.0	-0.6	-0.3	-0.2	-0.4	-0.4	0.1	0.0	0.0
Oman	3.3	0.8	0.4	0.2	0.0	0.0	2.9	0.6	0.0	0.0	2.4	0.7	0.0	0.0
Palestinian Territory	0.1	-0.1	0.0	-0.2	...	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Qatar	3.8	1.5	1.9	-0.9	-0.2	-0.1	1.8	2.4	0.5	0.8	1.2	1.5	0.1	0.0
Rwanda	0.0	0.1	0.0	0.0	0.0	...	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
St Helena	0.0	0.0	...	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
São Tomé and Príncipe	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	8.9	-1.1	-0.1	-2.6	0.2	0.2	10.8	1.8	3.1	1.8	7.0	-0.4	-1.8	-0.2
Senegal	0.0	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
Seychelles	0.1	0.4	0.0	0.0	0.0	0.0	0.1	0.4	-0.1	0.1	0.2	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	1.0	-3.1	-0.6	-1.3	-0.3	0.0	1.4	-1.9	-0.8	-1.9	2.1	0.0	0.2	0.1
Sudan	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swaziland	0.0	-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
Syria	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Tanzania	0.2	0.0	0.0	-0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.1	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	-0.3	0.1	-0.4	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	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

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector	
	All sectors		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		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
United Arab Emirates	16.4	7.2	13.3	-1.5	4.8	3.1	3.2	8.9	1.5	1.7	0.5	6.4	-0.1	-0.2
Yemen	0.0	0.0	0.0	-0.1	-	0.0	0.0	0.1	0.0	0.0	0.0	0.1	-	0.0
Zambia	0.2	0.1	0.1	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Zimbabwe	0.2	0.0	0.3	-0.1	-	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Developing Asia and Pacific	80.0	23.0	58.0	-2.4	21.4	36.0	18.0	25.5	1.2	12.0	12.7	7.5	3.9	-0.1
Afghanistan	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
Armenia	-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	0.0
Azerbaijan	-0.5	-0.6	-0.2	-0.5	0.0	0.0	-0.2	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1
Bangladesh	0.2	0.1	0.2	-0.1	0.1	0.0	-0.1	0.2	0.0	0.0	-0.2	0.2	0.0	0.0
Bhutan	0.0	0.0	0.0	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
British overseas territories	0.0	0.4	0.0	0.0	...	...	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Brunei	-0.1	-0.9	-0.1	-0.2	0.1	-0.2	-0.1	-0.7	0.0	-0.5	0.0	0.0	0.0	0.0
Cambodia	0.2	0.4	-0.2	0.5	-0.3	0.0	0.4	-0.1	0.1	0.0	0.2	-0.1	0.0	0.0
China	61.0	17.1	45.6	1.0	20.8	32.5	12.5	16.1	3.5	8.5	7.4	6.1	2.9	0.0
Chinese Taipei	1.0	1.2	1.6	-1.2	-1.2	1.3	-0.6	2.4	-0.7	0.5	-0.3	1.4	0.0	0.0
Fiji	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
French Polynesia	-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	0.0
Georgia	-0.4	-0.3	0.1	-0.3	0.0	0.0	-0.4	0.0	0.0	0.0	-0.4	0.0	0.0	0.0
India	-6.7	2.3	-6.4	2.9	-1.1	0.7	0.0	-0.7	-0.5	-0.3	-0.8	-0.3	-0.3	0.0
Indonesia	1.2	1.0	0.7	1.0	0.3	0.4	0.0	-0.1	-0.1	0.1	0.7	-0.1	0.5	0.0
Kazakhstan	1.9	1.5	-0.1	0.8	0.0	0.0	2.0	0.7	0.2	0.0	1.7	0.8	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
Korea	10.5	2.0	10.4	-2.8	2.4	-1.0	0.1	4.8	0.4	1.7	-0.2	1.4	0.0	0.0
Kyrgyz Republic	0.1	0.1	0.0	0.1	-	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Laos	1.3	0.9	1.0	0.9	0.5	1.8	0.3	0.0	0.1	0.0	0.2	0.0	0.0	0.0
Malaysia	1.8	-0.8	1.2	-1.1	-0.2	0.1	-0.9	0.3	-0.8	0.3	-0.2	-0.1	1.4	0.0
Maldives	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	0.5	-0.5	0.1	0.0	0.1	0.0	0.4	-0.5	-0.1	0.2	0.4	-0.8	0.0	0.0
Micronesia	0.0	0.0	...	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	-
Mongolia	2.4	0.3	0.1	0.1	0.0	...	2.4	0.2	0.0	0.0	1.6	0.2	0.0	0.0
Myanmar	0.0	-0.1	0.0	0.0	0.1	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	0.1	0.0	0.2	-	0.0	0.0	-0.1	...	0.0	0.0	-0.1	-	0.0
New Caledonia	0.3	0.0	0.3	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.1	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
Pakistan	2.7	-0.4	1.2	-0.3	0.5	0.0	1.5	-0.1	0.0	0.0	1.5	-0.1	0.0	0.0
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	...	0.0	0.0	...	...
Papua New Guinea	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
Philippines	-0.3	-0.9	0.6	-0.9	-0.6	-0.1	-0.6	-0.1	-0.1	0.1	0.0	-0.2	-0.3	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

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

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

Table A3.2

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector		
	All sectors		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			
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	
Sri Lanka	-0.1	-0.1	-0.3	0.0	-0.1	-0.1	0.3	-0.1	0.0	0.0	0.0	0.2	-0.1	0.0	0.0
Tajikistan	0.1	0.1	0.0	0.1	...	...	0.1	0.0	...	0.0	0.1	0.0	0.0	0.0	0.0
Thailand	3.4	1.2	3.0	-0.2	-0.1	-0.1	0.4	1.5	-0.7	1.5	0.9	-0.1	0.0	-0.2	0.0
Timor Leste	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.2	...	0.0	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	0.0
Turkmenistan	0.2	-0.8	0.0	-0.8	0.0	0.0	0.1	0.0	-	0.0	0.1	0.0	0.0	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	0.2	0.0	0.0	...	...	...	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...
Uzbekistan	0.1	0.2	0.0	0.2	0.0	0.0	0.2	-0.1	0.1	0.1	0.1	-0.1	0.0	0.0	0.0
Vietnam	1.0	-0.5	0.7	-0.6	-0.1	-0.5	0.4	0.0	0.0	0.0	0.1	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	...
Developing Europe	-1.7	11.2	-0.4	10.8	2.9	-1.4	-0.9	0.2	0.3	1.3	-2.6	-1.1	-0.4	0.2	0.2
Albania	0.0	-0.3	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
Belarus	0.0	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	0.0
Bosnia and Herzegovina	0.0	0.2	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Bulgaria	0.4	0.5	0.0	0.4	0.0	0.2	0.4	0.1	-0.1	0.1	0.5	0.1	0.0	0.0	0.0
Croatia	-0.4	0.3	-0.7	0.3	0.1	0.0	0.3	0.0	-0.1	0.1	0.4	0.0	0.0	0.0	0.0
Czech Republic	1.6	1.8	1.8	0.6	1.7	0.6	-0.4	0.9	0.0	0.1	-0.5	0.8	0.1	0.4	0.4
Hungary	-0.2	-0.1	0.0	-0.1	-0.4	0.7	-0.1	-0.1	0.0	-0.2	0.1	0.1	-0.1	0.0	0.0
Macedonia FYR	0.0	-0.2	-0.1	-0.2	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	-0.2	0.0	-0.3	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poland	1.7	11.3	3.0	11.6	-1.3	0.3	11.3	-1.1	-0.2	0.2	-0.3	-1.2	0.0	-0.2	0.0
Romania	-1.2	0.2	-0.9	0.4	0.4	0.2	-0.4	-0.2	0.1	0.0	-0.1	-0.2	0.1	-0.1	-0.1
Russia	-5.3	-1.0	-2.2	-0.4	-0.1	-4.2	-2.7	-0.3	-0.4	1.7	-2.3	-2.0	-0.4	-0.2	-0.2
Serbia	-0.1	-0.3	-0.3	-0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Turkey	1.3	-2.4	-2.4	-2.5	0.9	-0.8	3.4	0.0	0.7	0.0	0.8	0.1	0.3	0.1	0.1
Ukraine	-0.7	-0.4	0.0	-0.5	0.2	0.4	-0.5	0.1	0.0	0.0	-0.5	0.1	-0.1	0.0	0.0
Developing Latin America and Caribbean	10.0	-3.4	1.7	6.4	8.0	7.1	7.6	-8.6	-0.6	1.1	8.3	-5.4	0.6	-1.2	0.0
Argentina	0.1	-0.6	-0.1	0.4	0.1	0.0	-0.1	-1.1	0.0	-0.3	-0.1	-0.8	0.3	0.0	0.0
Belize	0.1	0.3	0.1	-0.2	0.1	0.0	0.0	0.6	-0.1	0.1	0.1	0.2	0.0	0.0	0.0
Bolivia	0.1	1.3	0.0	1.2	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Bonaire, Sint Eustatius and Saba	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
Brazil	2.3	0.1	1.1	4.1	6.7	8.9	0.7	-4.1	0.3	0.2	1.6	-1.2	0.5	0.0	0.0
Chile	0.9	1.4	0.6	2.5	0.9	-0.4	0.3	-1.0	0.3	-0.1	0.6	-0.7	0.1	-0.1	-0.1
Colombia	-1.0	-0.7	-0.7	0.8	-0.3	0.2	-0.1	-0.5	-0.4	0.1	0.3	-0.2	-0.2	-0.2	-1.0
Costa Rica	0.2	-0.4	0.0	-0.3	0.0	-0.1	0.1	-0.1	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0
Cuba	0.2	-0.1	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Dominica	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	0.0
Dominican Republic	0.2	-0.3	0.1	-0.2	0.0	0.0	0.1	-0.1	0.0	0.0	0.2	-0.1	0.0	0.0	0.0
Ecuador	2.0	0.4	0.2	0.6	0.0	0.0	1.8	-0.1	0.0	-0.1	1.7	-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

Country of residence of counterparty	Sector of counterparty		Bank sector				Non-bank sector						Unallocated by sector		
	All sectors		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			
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	
El Salvador	0.0	0.1	-0.1	0.1	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	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
Grenada	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
Guatemala	-0.4	0.2	-0.3	-0.3	-0.1	0.0	0.0	0.5	0.0	0.1	-0.1	0.3	0.0	0.0	0.0
Guyana	-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
Haiti	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
Honduras	0.0	0.2	-0.1	0.4	0.0	0.0	0.1	-0.2	0.0	0.0	0.1	-0.1	0.0	0.0	0.0
Jamaica	-0.2	0.1	0.0	0.1	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
Mexico	6.5	-1.0	1.6	0.8	0.9	-1.5	4.7	-1.8	0.0	0.4	2.7	-1.5	0.2	0.0	0.0
Nicaragua	-0.1	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
Paraguay	-0.2	0.2	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Peru	-0.2	-2.5	-0.3	-3.4	0.0	0.2	0.3	1.0	0.0	1.0	0.8	0.1	-0.2	0.0	0.0
St Lucia	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
St Vincent and the Grenadines	0.0	-0.3	0.0	0.0	0.0	...	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0	0.0
Suriname	0.0	0.2	0.0	0.1	0.0	...	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	0.7	0.1	-0.1	0.3	-0.1	0.0	0.8	-0.2	0.0	-0.1	0.6	-0.1	0.0	0.0	0.0
Turks and Caicos Islands	-0.3	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
Uruguay	-0.6	-0.2	0.0	-0.4	0.0	-0.2	-0.6	0.2	-0.7	0.0	0.1	0.2	0.0	0.0	0.0
Venezuela	-0.1	-0.6	0.1	-0.1	0.0	0.0	-0.1	-0.5	0.0	0.0	-0.2	-0.5	0.0	0.0	0.0
International organisations	-3.4	-1.2	2.3	7.7	0.0	0.1	-4.2	-9.5	-3.6	-4.6	-1.0	-3.8	-1.5	0.5	
Unallocated location	1.6	15.0	2.4	-2.7	99.0	66.7	5.1	0.8	-0.8	0.0	6.0	0.9	-6.0	16.9	

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

Amounts outstanding, in billions of US dollars

Table A4.1

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
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Nationality of reporting bank														
Banks in all LBS reporting countries	28,380.8	25,736.0	15,152.0	14,279.7	9,359.3	8,307.7	12,663.7	8,385.1	4,933.1	4,008.5	6,335.1	3,240.4	565.2	3,071.2
Of which:														
Australia	592.8	851.5	403.1	671.5	245.5	206.3	188.8	179.1	5.1	5.5	8.2	9.9	0.9	0.9
Austria	175.9	137.2	78.8	42.2	17.3	7.5	97.0	40.4	0.4	1.7	1.5	1.2	0.1	54.7
Bahamas	12.6	8.4	4.0	4.6	...	...	8.5	3.8	...	...	...	...	...	-
Bahrain	21.6	26.9	4.6	7.3	1.9	1.6	17.1	19.6	...	0.0	0.2	1.2	0.0	0.0
Belgium	330.8	333.2	203.5	174.6	108.3	83.0	126.1	71.5	39.0	47.3	86.4	23.8	1.3	87.0
Bermuda	9.3	3.5	2.4	1.0	0.4	0.1	6.8	2.5	0.1	0.3	4.4	1.4	0.0	0.0
Brazil	278.1	297.2	204.5	220.3	163.2	133.3	71.7	53.5	4.6	7.4	24.7	21.9	1.9	23.5
Canada	914.1	759.4	537.3	446.2	414.7	319.2	375.1	229.4	166.6	89.9	131.8	98.1	1.7	83.8
Cayman Islands	7.3	16.0	5.7	9.3	0.3	1.5	1.7	6.7	0.2	0.6	0.3	0.1	0.0	0.0
Chile	7.8	14.3	4.7	9.0	...	...	1.7	4.2	...	...	...	...	1.3	1.1
China	1,482.5	1,386.7	783.6	709.9	363.9	361.9	698.6	674.5	100.2	133.8	543.1	532.8	0.3	2.3
Chinese Taipei	302.8	175.8	142.8	90.2	32.7	25.6	157.2	85.2	71.2	9.7	79.3	72.2	2.8	0.4
Cyprus	13.3	16.3	3.5	6.8	0.5	4.9	9.8	9.4	4.9	1.8	4.8	7.0	0.0	0.1
Denmark	280.4	270.6	191.0	207.1	96.0	68.8	89.3	58.5	47.3	43.7	40.9	14.1	0.1	5.0
Finland	37.4	85.7	23.7	10.1	0.4	...	13.7	12.8	6.8	10.7	6.9	2.1	-	62.8
France	3,039.1	3,009.6	1,779.3	1,449.3	1,207.7	944.7	1,174.1	874.4	544.0	506.1	536.7	243.1	85.7	685.8
Germany	2,868.2	2,528.0	1,637.2	1,385.4	977.8	946.8	1,225.9	458.7	240.5	140.7	609.5	144.1	5.2	683.9
Greece	107.2	47.0	30.7	34.6	5.2	13.6	76.6	12.4	1.7	1.4	3.1	3.9	0.0	0.0
Hong Kong SAR	38.3	36.9	23.4	20.2	10.3	13.2	15.0	16.7	3.8	0.1	11.1	8.8	0.0	0.0
India	201.0	243.2	106.5	100.3	43.0	33.5	94.5	142.5	0.5	2.1	48.6	116.0	0.0	0.3
Indonesia	17.8	15.6	13.1	12.2	6.5	2.0	4.7	3.4	...	0.0	1.1	0.0	0.0	-
Ireland	99.3	86.9	77.1	61.2	56.2	44.9	22.2	13.1	7.9	3.0	11.7	4.1	0.0	12.6
Italy	749.1	540.9	442.4	347.5	146.0	159.3	306.2	161.3	85.6	116.3	170.8	29.4	0.5	32.1
Japan	4,442.0	2,107.2	1,761.9	1,654.5	1,174.6	956.6	2,679.5	432.5	890.5	251.1	1,656.1	74.4	0.6	20.2
Korea	162.4	157.6	79.1	134.7	33.8	27.0	79.8	18.7	10.5	10.7	64.2	7.5	3.5	4.3
Luxembourg	62.7	30.7	35.5	16.0	4.1	5.1	27.2	14.6	6.3	5.8	18.1	8.3	0.1	0.2
Malaysia	51.2	50.3	38.2	32.2	17.2	6.0	13.1	18.1	0.0	0.0	1.0	0.8	...	-
Mexico	20.0	21.4	8.6	15.3	...	...	11.4	5.0	...	...	...	...	...	1.2
Netherlands	1,632.7	1,307.0	701.6	565.1	469.2	398.5	679.7	455.8	300.5	200.3	341.7	237.4	251.4	286.1
Panama	24.6	20.4	16.5	13.4	2.7	1.6	8.2	6.9	...	...	...	...	...	-
Portugal	85.0	75.7	41.4	44.4	25.0	25.1	43.3	29.7	14.4	7.8	23.0	14.0	0.2	1.6
Singapore	222.0	221.1	102.3	127.7	64.9	66.8	119.3	93.0	2.5	4.9	14.1	15.9	0.5	0.4
South Africa	58.3	54.7	36.1	40.0	13.2	19.7	22.0	13.7	3.5	2.8	11.7	6.2	0.2	1.0
Spain	587.0	487.5	284.0	368.8	169.7	138.5	302.4	115.3	6.3	8.1	19.7	20.1	0.6	3.4
Sweden	809.4	747.5	564.7	535.2	391.6	343.5	236.7	172.2	96.0	67.2	132.4	56.5	8.1	40.2
Switzerland	1,821.0	1,645.5	979.8	884.6	645.7	610.9	837.6	757.4	236.1	243.4	175.3	266.6	3.6	3.5
Turkey	60.7	112.7	24.7	74.0	14.7	10.1	35.8	38.4	3.0	6.7	15.7	12.7	0.2	0.3
United Kingdom	2,650.9	2,427.8	1,396.1	1,409.8	971.7	947.9	1,249.1	1,002.2	132.6	139.1	215.6	251.4	5.7	15.9
United States	3,108.9	3,764.3	1,806.8	1,812.6	1,215.0	1,167.3	1,287.3	1,926.6	552.2	738.2	262.3	390.7	14.8	25.2

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	
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Nationality of reporting bank															
Banks in all LBS reporting countries	489.3	614.7	350.5	260.7	319.6	296.1	114.5	318.7	140.9	281.3	-33.6	45.2	24.2	35.3	
Of which:															
Australia	31.5	36.7	21.3	11.5	21.6	7.7	10.1	25.1	-0.3	0.2	-0.7	-0.4	0.1	0.1	
Austria	-2.2	-2.3	-2.5	-1.7	-0.7	0.6	0.3	0.3	0.0	0.2	-0.1	0.1	0.0	-0.9	
Bahamas	0.1	0.1	0.0	0.0	...	...	0.0	0.0	...	...	...	...	...	-
Bahrain	-0.7	0.1	-0.1	0.4	0.4	0.0	-0.6	-0.3	...	0.0	0.0	0.0	-	0.0	
Belgium	-3.0	5.0	-1.2	2.9	0.1	3.6	2.2	-0.9	-0.3	-4.4	2.5	3.6	-4.1	3.0	
Bermuda	1.5	0.4	0.4	0.1	0.1	0.0	1.1	0.3	-0.2	0.0	1.3	0.2	0.0	0.0	
Brazil	0.9	-4.4	2.5	1.8	4.4	10.6	-3.5	-7.0	0.1	-1.9	-2.0	-2.0	1.8	0.7	
Canada	26.8	38.1	3.0	-9.6	-2.3	-17.2	23.9	42.0	4.4	26.0	10.1	6.2	-0.2	5.8	
Cayman Islands	0.0	-0.2	0.1	-0.4	0.0	-0.3	-0.1	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	
Chile	-3.2	-3.3	0.0	-1.6	...	...	-0.1	1.6	...	...	...	...	-3.2	-3.4
China	77.3	71.3	45.5	44.2	23.3	35.5	31.8	27.0	5.6	20.3	21.3	5.9	0.0	0.1	
Chinese Taipei	7.1	1.2	4.2	0.0	1.8	1.4	6.0	1.3	0.9	0.6	4.8	0.6	-3.1	0.0	
Cyprus	-4.2	-2.6	-1.6	-2.4	-0.1	-2.1	-2.6	-0.2	0.0	-0.3	-2.5	0.1	0.0	0.0	
Denmark	5.3	6.1	5.9	3.0	14.2	13.1	-2.0	3.1	1.7	4.8	-2.3	-0.2	1.4	0.0	
Finland	0.8	-0.5	0.3	0.2	0.0	...	0.5	-0.5	0.5	0.7	0.0	-1.2	-	-0.2	
France	3.6	89.6	37.8	47.3	68.9	39.1	-46.5	35.9	-9.0	34.3	-21.6	12.1	12.2	6.4	
Germany	95.2	84.9	68.5	50.8	58.8	61.7	26.1	20.3	4.6	13.1	-4.2	2.9	0.6	13.8	
Greece	-11.9	5.2	-5.0	4.0	-0.2	-1.4	-6.9	1.3	-1.1	0.1	0.1	0.2	0.0	0.0	
Hong Kong SAR	2.0	1.0	0.8	1.8	0.9	1.6	1.2	-0.8	0.2	0.0	1.0	-0.8	0.0	0.0	
India	-16.3	-2.3	-5.6	-7.3	-4.8	-3.6	-10.7	5.0	-1.2	1.3	-10.2	4.1	0.0	0.0	
Indonesia	4.4	2.9	3.0	1.4	1.2	0.3	1.5	1.6	0.0	0.0	-0.1	0.0	0.0	0.0	
Ireland	7.9	4.6	9.9	7.3	8.2	7.3	-2.1	-0.1	-2.3	0.1	-0.5	-0.1	0.0	-2.6	
Italy	14.5	14.6	3.4	11.1	9.2	12.4	11.2	6.0	1.1	5.4	7.8	0.7	-0.1	-2.5	
Japan	75.4	86.2	72.1	43.9	54.6	33.3	3.5	44.0	69.2	32.6	-72.6	-5.9	-0.2	-1.7	
Korea	-2.3	-5.0	-1.5	-4.1	-2.6	-1.7	-0.6	-0.5	1.0	-0.1	-1.8	-0.6	-0.2	-0.4	
Luxembourg	2.5	1.1	1.8	1.3	0.0	0.0	0.7	-0.2	0.0	0.0	0.5	-0.1	0.0	0.0	
Malaysia	-1.7	-0.7	-1.5	0.0	-1.7	0.4	-0.2	-0.7	0.0	-0.1	-0.3	0.0	...	-	
Mexico	-1.5	-0.6	-2.0	1.0	...	...	0.5	-1.6	...	...	...	...	...	0.0
Netherlands	63.1	63.8	13.1	22.7	5.7	15.0	29.2	22.2	17.6	14.0	10.4	4.7	20.9	18.9	
Panama	0.1	0.1	-0.1	0.1	-	-0.1	0.2	0.0	...	...	...	...	...	-
Portugal	-1.3	0.7	-1.8	-0.1	-1.0	-0.8	0.3	1.2	-0.2	1.5	0.8	-0.3	0.2	-0.3	
Singapore	8.9	-1.4	2.9	-0.4	0.3	7.8	5.9	-1.0	0.0	0.6	-0.2	-3.2	0.0	0.0	
South Africa	-0.9	0.2	-1.0	0.7	-0.7	0.5	0.1	-0.6	-0.3	-0.7	0.2	0.3	0.1	0.0	
Spain	-4.1	-12.9	-8.3	-0.4	3.2	0.9	4.4	-12.1	-0.3	-0.4	1.2	-0.7	-0.1	-0.5	
Sweden	-30.7	-33.2	-29.9	-19.1	-18.1	-19.8	-0.5	-15.3	0.4	-0.8	-0.9	-3.5	-0.3	1.3	
Switzerland	22.3	-5.5	46.9	10.6	40.2	49.0	-23.4	-2.5	-2.1	-1.8	4.6	3.1	-1.3	-13.6	
Turkey	0.2	-0.5	-0.9	-0.7	-0.2	-0.1	1.2	0.2	0.2	0.0	0.3	-0.2	-0.1	0.0	
United Kingdom	49.6	90.2	34.9	28.7	10.2	8.3	17.9	65.5	3.2	10.0	-9.0	-7.9	-3.2	-4.0	
United States	80.9	100.3	36.2	22.4	25.9	33.5	44.8	76.5	34.5	48.3	13.7	2.3	-0.2	1.4	

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	67,831	27,100	3,032,356	69,769	-2,768	2,813,037
Cross-border positions	22,607	7,498	471,689	26,887	6,660	748,002
Of which: local currency	15,278	-1,860	147,572	12,781	1,105	145,570
Local positions	45,481	19,592	2,552,745	42,667	-9,681	2,054,638
Of which: local currency	32,698	32,894	2,456,374	25,458	12,890	1,981,265
Unallocated	-256	10	7,923	216	253	10,397
Of which: local currency	19	34	7,247	264	159	8,697
Cross-border positions	22,607	7,498	471,689	26,887	6,660	748,002
By sector of counterparty						
Banks	9,532	-9,462	295,002	18,404	-11,415	615,069
Of which: intragroup	1,439	-1,451	160,503	12,383	-6,908	167,584
Non-banks	13,074	16,960	176,687	8,482	18,075	132,933
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	\	0	0
By currency						
Local currency	15,278	-1,860	147,572	12,781	1,105	145,570
Foreign currencies	7,328	9,358	324,117	14,106	5,556	602,432
Of which: US dollar	5,640	-3,841	200,968	2,661	-7,204	365,129
Of which: euro	589	570	26,397	-4,397	1,895	97,548
Of which: yen	1,182	532	11,314	-1,101	-224	23,759
Of which: pound sterling	-4,751	3,944	22,573	6,171	7,429	47,458
Of which: Swiss franc	104	798	1,908	273	85	8,220
Of which: other currencies	4,564	7,355	60,957	10,500	3,575	60,318
By instrument						
Of which: loans and deposits	-13,415	11,683	217,981	-1,730	13,313	200,470
Of which: debt securities	2,202	-846	29,153	-12,220	2,055	358,554
Local positions in foreign currencies	12,783	-13,302	96,371	17,209	-22,571	73,373
By sector of counterparty						
Banks	11,422	-13,022	15,118	13,867	-22,544	17,621
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,361	-280	81,253	3,342	-27	55,752
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	0	\	\	0	\	\
By currency						
Of which: US dollar	10,984	-15,688	67,685	17,295	-24,428	53,762
Of which: euro	354	90	11,603	-28	402	4,999
By instrument						
Of which: loans and deposits	1,055	-1,152	70,514	76	1,707	46,733
Of which: debt securities	23	-119	1,561	-70	406	3,814
Local positions in local currency	32,698	32,894	2,456,374	25,458	12,890	1,981,265
Unallocated by type of position	-256	10	7,923	216	253	10,397
By currency						
Of which: local currency	19	34	7,247	264	159	8,697
Of which: US dollar	-72	29	314	222	74	640
Of which: euro	-233	-29	313	-1	0	6
By instrument						
Of which: loans and deposits	682	-56	6,934	294	165	8,731
Of which: debt securities	-945	105	941	-76	146	1,634

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	5,663	-11,672	856,305	854	-11,030	755,029
Cross-border positions	11,222	-7,001	269,569	349	-2,559	172,041
Of which: local currency	6,186	-3,019	192,140	-805	-300	110,680
Local positions	-5,560	-4,670	586,736	505	-8,472	582,988
Of which: local currency	-5,371	-2,400	538,349	504	-7,471	559,255
Unallocated	\	0	0	0	\	\
Of which: local currency	0	\	\	\	\	\
Cross-border positions	11,222	-7,001	269,569	349	-2,559	172,041
By sector of counterparty						
Banks	8,016	-7,741	117,027	1,030	-1,540	58,602
Of which: intragroup	724	-61	7,646	8	187	8,593
Non-banks	3,206	740	152,542	504	913	52,476
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	-1,185	-1,931	60,963
By currency						
Local currency	6,186	-3,019	192,140	-805	-300	110,680
Foreign currencies	5,037	-3,982	77,429	1,155	-2,259	61,361
Of which: US dollar	3,626	-3,264	41,999	777	-240	41,021
Of which: euro	...	...	...	...	...	...
Of which: yen	123	-103	562	-70	-160	1,749
Of which: pound sterling	-33	-305	5,887	179	-342	2,290
Of which: Swiss franc	-576	899	7,403	-941	-549	10,833
Of which: other currencies	1,896	-1,209	21,577	1,211	-969	5,468
By instrument						
Of which: loans and deposits	9,870	-8,399	179,171	1,535	-627	111,078
Of which: debt securities	1,141	2,006	68,280	-1,185	-1,931	60,963
Local positions in foreign currencies	-188	-2,270	48,387	1	-1,001	23,733
By sector of counterparty						
Banks	486	-1,065	14,023	254	-969	12,677
Of which: intragroup	...	...	...	...	...	...
Non-banks	-675	-1,205	34,364	-481	-160	5,803
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	\	\	\	228	128	5,253
By currency						
Of which: US dollar	457	315	6,697	253	-103	9,481
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-144	-2,250	47,750	-227	-1,129	18,480
Of which: debt securities	-19	2	609	228	128	5,253
Local positions in local currency	-5,371	-2,400	538,349	504	-7,471	559,255
Unallocated by type of position	\	0	0	0	\	\
By currency						
Of which: local currency	0	\	\	\	\	\
Of which: US dollar	\	\	\	0	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	\	0	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-2,022	1,573	215,387	-1,943	1,412	185,371
Cross-border positions	-1,740	1,410	197,889	-1,763	1,290	165,464
Of which: local currency	-	-	3	-	-	14
Local positions	-282	163	17,498	-180	122	19,907
Of which: local currency	-	-	149	-	-	26
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-1,740	1,410	197,889	-1,763	1,290	165,464
By sector of counterparty						
Banks	-1,449	1,217	164,421	-378	341	73,766
Of which: intragroup	...	...	...	...	...	...
Non-banks	-283	188	32,410	-631	539	57,872
Of which: non-bank financial	-191	98	7,864	-228	144	18,952
Of which: non-financial	-93	91	24,533	-403	394	38,921
Unallocated	-7	4	1,059	-754	410	33,825
By currency						
Local currency	-	-	3	-	-	14
Foreign currencies	-1,740	1,410	197,886	-1,763	1,290	165,450
Of which: US dollar	-	-	136,822	-	-	109,830
Of which: euro	-1,322	755	29,876	-1,437	821	32,464
Of which: yen	-4	-5	59	9	12	-131
Of which: pound sterling	163	395	5,844	105	255	3,780
Of which: Swiss franc	-352	168	11,628	-261	125	8,639
Of which: other currencies	-225	97	13,657	-179	78	10,868
By instrument						
Of which: loans and deposits	-1,535	1,260	161,205	-1,604	1,079	121,603
Of which: debt securities	-181	107	13,884	-144	169	29,401
Local positions in foreign currencies	-282	163	17,348	-180	122	19,881
By sector of counterparty						
Banks	-91	55	8,151	-20	11	5,913
Of which: intragroup	...	...	...	...	...	...
Non-banks	-189	107	6,232	-29	39	6,002
Of which: non-bank financial	-159	91	4,107	-8	5	819
Of which: non-financial	-29	16	2,125	-22	34	5,183
Unallocated	-3	1	2,965	-131	72	7,966
By currency						
Of which: US dollar	-	-	10,296	-	-	13,746
Of which: euro	-251	144	5,676	-136	78	3,073
By instrument						
Of which: loans and deposits	-270	153	11,750	-161	108	14,873
Of which: debt securities	-11	6	1,051	-13	10	1,844
Local positions in local currency	-	-	149	-	-	26
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-245	1,174	192,391	-127	995	192,391
Cross-border positions	-422	-733	137,257	-683	543	137,367
Of which: local currency	...	...	...	...	...	...
Local positions	168	1,854	54,960	494	453	53,777
Of which: local currency	...	...	...	...	...	...
Unallocated	8	52	174	63	0	1,247
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-422	-733	137,257	-683	543	137,367
By sector of counterparty						
Banks	-2,244	-2,387	52,078	-141	692	79,344
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,822	1,654	85,179	-542	-149	58,023
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-422	-733	137,257	-683	543	137,367
Of which: US dollar	742	-2,242	95,229	-222	84	103,229
Of which: euro	-443	488	10,063	-1,068	307	9,040
Of which: yen	-121	143	355	-196	106	428
Of which: pound sterling	193	267	3,873	177	119	2,100
Of which: Swiss franc	-166	161	501	0	143	280
Of which: other currencies	-626	451	27,236	625	-216	22,290
By instrument						
Of which: loans and deposits	-422	-733	137,257	-683	543	137,367
Of which: debt securities	...	...	...	...	...	...
Local positions in foreign currencies	168	1,854	54,960	494	453	53,777
By sector of counterparty						
Banks	-50	749	14,366	73	653	13,576
Of which: intragroup	...	...	...	...	...	...
Non-banks	219	1,105	40,594	421	-201	40,201
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	102	1,338	17,593	751	467	20,136
Of which: euro	10	221	611	-44	335	884
By instrument						
Of which: loans and deposits	168	1,854	54,960	494	453	53,777
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	8	52	174	63	0	1,247
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	7	55	176	66	-1	1,216
Of which: euro	-1	2	1	-	-	-
By instrument						
Of which: loans and deposits	8	52	174	63	0	1,247
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	65,695	23,894	1,267,450	66,786	23,158	1,260,709
Cross-border positions	68,429	10,169	649,069	54,016	7,972	529,740
Of which: local currency	59,143	-3,853	432,577	43,661	-9,525	311,998
Local positions	-2,734	13,725	618,382	12,770	15,186	730,968
Of which: local currency	1,434	10,038	602,409	14,823	13,458	704,948
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	68,429	10,169	649,069	54,016	7,972	529,740
By sector of counterparty						
Banks	51,808	1,638	384,245	31,821	-5,352	270,082
Of which: intragroup	18,851	3,555	227,634	13,751	2,695	143,628
Non-banks	16,620	8,530	264,816	20,243	11,676	235,886
Of which: non-bank financial	16,257	7,788	136,503	15,768	12,054	181,835
Of which: non-financial	364	742	128,314	4,475	-378	54,050
Unallocated	1	1	8	1,952	1,648	23,773
By currency						
Local currency	59,143	-3,853	432,577	43,661	-9,525	311,998
Foreign currencies	9,286	14,022	216,492	10,355	17,497	217,742
Of which: US dollar	-618	19,165	142,986	3,961	21,289	153,981
Of which: euro	...	...	...	...	...	...
Of which: yen	1,474	1,560	9,949	-1,282	2,135	9,021
Of which: pound sterling	6,032	-7,225	34,009	4,062	-5,444	33,167
Of which: Swiss franc	613	-530	4,829	1,394	-610	5,501
Of which: other currencies	1,786	1,053	24,720	2,219	126	16,073
By instrument						
Of which: loans and deposits	43,101	635	376,358	31,196	-3,734	331,873
Of which: debt securities	3,493	646	90,479	1,926	376	18,297
Local positions in foreign currencies	-4,168	3,686	15,972	-2,053	1,728	26,021
By sector of counterparty						
Banks	-4,097	2,488	6,702	-2,557	277	6,525
Of which: intragroup	-4,082	718	2,848	-3,904	1,314	4,530
Non-banks	-71	1,198	9,270	138	866	16,489
Of which: non-bank financial	-48	752	2,769	170	246	4,438
Of which: non-financial	-24	446	6,502	-31	620	12,051
Unallocated	...	...	...	366	585	3,007
By currency						
Of which: US dollar	-1,568	2,279	10,900	-42	226	17,591
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-2,162	2,051	11,695	-1,131	1,080	20,463
Of which: debt securities	37	-31	222	364	584	2,518
Local positions in local currency	1,434	10,038	602,409	14,823	13,458	704,948
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	256	223	16,570	147	208	15,442
Cross-border positions	48	384	13,677	-440	1,148	3,416
Of which: local currency	3	-5	26	-7	0	67
Local positions	208	-161	2,893	588	-939	12,025
Of which: local currency	-34	42	1,566	40	85	1,489
Unallocated	\	\	\	\	0	0
Of which: local currency	0	\	\	\	0	0
Cross-border positions	48	384	13,677	-440	1,148	3,416
By sector of counterparty						
Banks	107	1,785	6,473	149	-184	134
Of which: intragroup	291	1,275	3,827	124	-177	97
Non-banks	-59	-1,400	7,204	-589	1,331	3,282
Of which: non-bank financial	168	-626	1,848	-217	1,153	2,157
Of which: non-financial	-226	-775	5,356	-372	179	1,126
Unallocated	\	0	0	0	\	\
By currency						
Local currency	3	-5	26	-7	0	67
Foreign currencies	45	389	13,651	-433	1,148	3,349
Of which: US dollar	-216	312	9,555	-471	49	1,830
Of which: euro	13	-122	505	6	27	179
Of which: yen	-112	-734	299	9	-47	8
Of which: pound sterling	180	-56	1,328	4	62	194
Of which: Swiss franc	15	17	191	-2	-2	5
Of which: other currencies	166	972	1,773	20	1,059	1,133
By instrument						
Of which: loans and deposits	513	1,451	5,497	-490	1,199	3,090
Of which: debt securities	-481	-1,060	7,801	-	-	117
Local positions in foreign currencies	242	-203	1,327	548	-1,024	10,537
By sector of counterparty						
Banks	135	-186	179	104	109	349
Of which: intragroup	-20	-22	3	103	51	264
Non-banks	107	-17	1,148	444	-1,133	10,187
Of which: non-bank financial	82	-73	112	308	-669	4,567
Of which: non-financial	25	56	1,036	136	-465	5,620
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	21	-23	1,147	282	-649	8,150
Of which: euro	216	-187	119	225	-302	479
By instrument						
Of which: loans and deposits	261	-216	1,252	542	-1,043	10,448
Of which: debt securities	0	7	28	...	...	...
Local positions in local currency	-34	42	1,566	40	85	1,489
Unallocated by type of position	\	\	\	\	0	0
By currency						
Of which: local currency	0	\	\	\	0	0
Of which: US dollar	\	\	\	\	0	0
Of which: euro	0	-	0	-	-	0
By instrument						
Of which: loans and deposits	\	\	\	\	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	24,964	27,579	2,139,263	22,693	27,292	1,986,202
Cross-border positions	1,359	4,546	92,886	-5,994	-4,750	135,745
Of which: local currency	-55	70	1,402	-121	-232	1,413
Local positions	23,617	23,077	2,046,141	28,733	32,145	1,849,581
Of which: local currency	19,890	18,239	2,010,233	19,492	27,817	1,806,043
Unallocated	-13	-43	236	-46	-103	876
Of which: local currency	1	\	\	4	-9	44
Cross-border positions	1,359	4,546	92,886	-5,994	-4,750	135,745
By sector of counterparty						
Banks	1,363	4,500	90,143	-4,734	-4,698	130,378
Of which: intragroup	371	7,411	66,150	-5,063	2,021	56,173
Non-banks	-3	46	2,743	-1,259	-52	5,367
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	-55	70	1,402	-121	-232	1,413
Foreign currencies	1,412	4,478	91,485	-5,876	-4,516	134,332
Of which: US dollar	211	6,813	73,505	-5,054	-2,622	126,482
Of which: euro	796	-1,797	10,160	-192	-1,649	5,644
Of which: yen	271	-179	2,092	72	-37	957
Of which: pound sterling	-81	-99	836	4	-451	165
Of which: Swiss franc	-28	33	298	-11	150	289
Of which: other currencies	243	-293	4,594	-694	93	795
By instrument						
Of which: loans and deposits	1,692	1,581	44,551	-1,708	-3,831	115,276
Of which: debt securities	-51	-193	1,594	-3,757	-503	14,991
Local positions in foreign currencies	3,727	4,838	35,908	9,242	4,326	43,537
By sector of counterparty						
Banks	2,810	4,322	12,509	7,713	-2,030	24,170
Of which: intragroup	...	...	...	...	...	...
Non-banks	917	516	23,399	1,529	6,356	19,367
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	3,484	4,868	34,530	8,646	4,528	42,438
Of which: euro	172	58	1,036	529	-188	936
By instrument						
Of which: loans and deposits	3,745	4,832	35,771	8,554	4,673	42,487
Of which: debt securities	-2	16	91	324	-82	409
Local positions in local currency	19,890	18,239	2,010,233	19,492	27,817	1,806,043
Unallocated by type of position	-13	-43	236	-46	-103	876
By currency						
Of which: local currency	1	\	\	4	-9	44
Of which: US dollar	-8	-36	133	-52	-93	829
Of which: euro	-5	-8	81	4	-2	3
By instrument						
Of which: loans and deposits	-13	-43	236	13	-11	138
Of which: debt securities	\	1	1	-59	-91	740

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	39,303	67,686	2,546,154	26,737	89,061	2,132,370
Cross-border positions	-1,339	30,058	544,342	-16,785	34,907	461,604
Of which: local currency	-21	1,307	107,163	-4,044	9,498	123,462
Local positions	40,634	37,619	2,001,747	34,823	54,661	1,527,399
Of which: local currency	32,565	35,655	1,901,145	22,426	39,930	1,304,582
Unallocated	\	8	65	\	\	\
Of which: local currency	\	7	56	\	\	\
Cross-border positions	-1,339	30,058	544,342	-16,785	34,907	461,604
By sector of counterparty						
Banks	13,526	17,549	279,756	-25,588	-1,852	227,229
Of which: intragroup	16,445	14,717	227,017	-26,222	-2,372	196,717
Non-banks	-15,156	12,838	263,321	3,348	31,758	156,492
Of which: non-bank financial	-14,621	4,147	153,369	-1,677	27,333	64,726
Of which: non-financial	-536	8,691	109,953	5,025	4,426	91,766
Unallocated	\	\	\	5,454	5,001	77,883
By currency						
Local currency	-21	1,307	107,163	-4,044	9,498	123,462
Foreign currencies	-1,318	28,751	437,179	-12,741	25,409	338,142
Of which: US dollar	-1,641	27,287	390,701	-18,729	21,192	282,561
Of which: euro	-1,085	2,835	14,811	4,894	2,996	35,350
Of which: yen	943	-1,718	10,966	23	1,253	4,462
Of which: pound sterling	-486	398	8,934	1	-431	7,326
Of which: Swiss franc	48	-228	440	\	\	\
Of which: other currencies	903	176	11,326	1,093	405	7,960
By instrument						
Of which: loans and deposits	3,951	23,239	452,673	-16,785	35,150	461,467
Of which: debt securities	810	1,756	67,300	0	-243	137
Local positions in foreign currencies	8,070	1,964	100,603	12,397	14,731	222,817
By sector of counterparty						
Banks	-410	2,386	16,684	233	123	1,876
Of which: intragroup	\	\	\	\	5	48
Non-banks	8,012	-581	83,281	6,653	7,753	102,877
Of which: non-bank financial	-1,512	-3,200	16,050	1,109	1,245	16,171
Of which: non-financial	9,524	2,619	67,231	5,545	6,507	86,705
Unallocated	\	\	\	5,510	6,856	118,064
By currency						
Of which: US dollar	7,620	1,728	96,606	9,376	12,546	187,605
Of which: euro	779	-132	1,956	1,932	1,967	22,426
By instrument						
Of which: loans and deposits	3,728	789	76,850	12,397	14,731	222,810
Of which: debt securities	3,181	1,365	15,978	\	\	\
Local positions in local currency	32,565	35,655	1,901,145	22,426	39,930	1,304,582
Unallocated by type of position	\	8	65	\	\	\
By currency						
Of which: local currency	\	7	56	\	\	\
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	8	65	\	\	\
Of which: debt securities	\	\	\	2,621	626	20,061

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-2,102	-31,386	1,156,607	-3,810	-30,117	1,202,425
Cross-border positions	407	-29,115	1,131,477	-2,975	-24,453	1,143,741
Of which: local currency	4	-3	22	379	-3	437
Local positions	-2,509	-2,272	25,130	-835	-5,665	58,684
Of which: local currency	-120	11	2,154	-77	-33	1,762
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	407	-29,115	1,131,477	-2,975	-24,453	1,143,741
By sector of counterparty						
Banks	-12,125	-13,573	809,029	-23,976	6,049	668,024
Of which: intragroup	-11,068	-12,180	743,187	-33,743	53,690	536,621
Non-banks	12,532	-15,542	322,448	25,193	-17,461	441,234
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	-4,191	-13,040	34,483
By currency						
Local currency	4	-3	22	379	-3	437
Foreign currencies	403	-29,112	1,131,455	-3,354	-24,450	1,143,304
Of which: US dollar	3,149	-7,830	1,073,760	-177	-636	1,085,158
Of which: euro	-762	-147	23,663	588	-4,579	24,775
Of which: yen	-1,413	-747	10,086	-329	2,050	8,295
Of which: pound sterling	-1,099	-58	7,199	-2,309	-890	6,607
Of which: Swiss franc	-94	187	4,270	-1,749	-458	4,771
Of which: other currencies	623	-20,517	12,477	622	-19,936	13,698
By instrument						
Of which: loans and deposits	-5,655	-55,676	945,254	1,635	-10,760	1,019,101
Of which: debt securities	-1,272	805	58,637	-4,191	-13,040	34,483
Local positions in foreign currencies	-2,389	-2,283	22,976	-758	-5,632	56,922
By sector of counterparty						
Banks	2,049	-6,240	11,857	-2,385	-7,882	14,213
Of which: intragroup	...	...	...	...	...	...
Non-banks	-4,439	3,957	11,119	1,627	2,250	42,709
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-2,816	-1,949	22,186	-3,757	3,747	49,715
Of which: euro	-46	13	326	7	-82	1,258
By instrument						
Of which: loans and deposits	967	-5,099	12,945	-634	-5,712	56,297
Of which: debt securities	166	-153	2,327	...	...	...
Local positions in local currency	-120	11	2,154	-77	-33	1,762
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	2,951	3,810	307,768	1,837	460	268,425
Cross-border positions	-1,143	956	18,667	-761	-1,821	27,678
Of which: local currency	...	...	...	...	...	...
Local positions	4,093	2,855	289,102	2,599	2,282	240,747
Of which: local currency	2,360	4,283	250,599	406	2,055	211,321
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-1,143	956	18,667	-761	-1,821	27,678
By sector of counterparty						
Banks	-639	2,533	13,541	-783	-1,434	20,658
Of which: intragroup	...	...	...	...	...	...
Non-banks	-9	-66	1,362	-19	1,530	4,181
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	-494	-1,511	3,764	41	-1,917	2,838
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-1,143	956	18,667	-761	-1,821	27,678
Of which: US dollar	-1,867	1,191	17,294	-678	-1,548	22,285
Of which: euro	221	-57	571	224	-117	519
Of which: yen	53	15	164	42	16	1,522
Of which: pound sterling	293	44	345	-4	-23	33
Of which: Swiss franc	-36	-26	104	-802	-25	2,627
Of which: other currencies	194	-210	189	456	-125	693
By instrument						
Of which: loans and deposits	-985	1,445	10,602	546	-1,321	13,868
Of which: debt securities	8	-23	1,456	-1,355	152	8,992
Local positions in foreign currencies	1,733	-1,429	38,502	2,193	227	29,426
By sector of counterparty						
Banks	1,815	-692	6,965	1,294	-574	2,277
Of which: intragroup	...	...	...	...	...	...
Non-banks	4	-1,517	26,227	920	1,091	21,409
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	-85	780	5,311	-21	-289	5,739
By currency						
Of which: US dollar	1,733	-1,429	38,502	2,193	227	29,426
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	1,529	-2,136	30,096	2,397	549	22,704
Of which: debt securities	508	-306	1,179	-52	68	2,007
Local positions in local currency	2,360	4,283	250,599	406	2,055	211,321
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	5,653	32,375	777,914	-53,209	26,268	917,906
Cross-border positions	5,653	32,375	777,914	-53,209	26,268	917,906
Of which: local currency	9,590	6,337	73,052	-58,230	-11,952	357,951
Local positions	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	5,653	32,375	777,914	-53,209	26,268	917,906
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	\	\	\	\	\	\
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	...	...	...	...	...	...
By currency						
Local currency	9,590	6,337	73,052	-58,230	-11,952	357,951
Foreign currencies	-3,937	26,038	704,862	5,022	38,220	559,955
Of which: US dollar	-3,154	10,476	548,513	13,612	26,361	274,023
Of which: euro	13	4,662	27,565	4,055	453	32,934
Of which: yen	1,841	603	11,806	263	2,271	19,117
Of which: pound sterling	1,841	-520	5,744	63	120	1,503
Of which: Swiss franc	-392	124	726	123	652	889
Of which: other currencies	-4,085	10,693	110,508	-13,095	8,363	231,489
By instrument						
Of which: loans and deposits	-1,430	18,398	593,095	-16,786	23,971	493,275
Of which: debt securities	5,138	5,927	74,258	-26,050	815	112,964
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	36,254	45,357	1,705,635	27,634	30,230	1,681,306
Cross-border positions	10,260	9,369	370,535	-1,366	5,924	185,941
Of which: local currency	1,522	-698	10,707	1,109	-559	15,624
Local positions	25,993	36,013	1,335,011	28,978	24,275	1,494,613
Of which: local currency	21,277	27,123	1,173,644	6,367	18,310	1,135,474
Unallocated	1	-25	89	22	30	752
Of which: local currency	0	0	86	7	-5	240
Cross-border positions	10,260	9,369	370,535	-1,366	5,924	185,941
By sector of counterparty						
Banks	15,190	6,930	199,019	-1,702	3,997	103,040
Of which: intragroup	6,242	3,780	95,616	-4,031	2,792	56,806
Non-banks	-5,255	5,426	167,335	5,140	2,024	81,064
Of which: non-bank financial	-20	356	78,679	1,327	452	15,804
Of which: non-financial	-5,235	5,070	88,656	3,813	1,571	65,260
Unallocated	325	-2,987	4,181	-4,805	-97	1,836
By currency						
Local currency	1,522	-698	10,707	1,109	-559	15,624
Foreign currencies	8,738	10,067	359,829	-2,475	6,483	170,316
Of which: US dollar	14,270	10,272	253,542	-2,681	4,612	132,997
Of which: euro	866	1,534	11,021	700	1,558	6,462
Of which: yen	268	2,007	15,053	687	1,226	6,795
Of which: pound sterling	228	418	1,811	-2	166	959
Of which: Swiss franc	-106	12	148	-90	-25	58
Of which: other currencies	-6,790	-4,176	78,253	-1,090	-1,054	23,046
By instrument						
Of which: loans and deposits	3,565	7,852	202,860	-2,805	6,556	143,545
Of which: debt securities	5,719	4,073	56,972	-1,210	6	298
Local positions in foreign currencies	4,717	8,889	161,367	22,611	5,965	359,139
By sector of counterparty						
Banks	-1,197	8,561	70,441	5,912	-1,288	103,733
Of which: intragroup	-2,167	-331	7,062	-3,815	-832	6,274
Non-banks	162	7,321	82,839	5,079	10,163	233,803
Of which: non-bank financial	840	3,505	42,151	1,326	2,494	18,313
Of which: non-financial	-677	3,816	40,688	3,754	7,669	215,490
Unallocated	5,751	-6,993	8,086	11,620	-2,909	21,604
By currency						
Of which: US dollar	2,700	8,952	125,692	23,561	6,536	253,787
Of which: euro	-60	-187	2,450	87	174	6,019
By instrument						
Of which: loans and deposits	1,561	-180	81,844	9,113	245	303,692
Of which: debt securities	12	662	4,905	2,156	627	11,325
Local positions in local currency	21,277	27,123	1,173,644	6,367	18,310	1,135,474
Unallocated by type of position	1	-25	89	22	30	752
By currency						
Of which: local currency	0	0	86	7	-5	240
Of which: US dollar	0	0	0	6	28	346
Of which: euro	0	-1	2	0	-1	8
By instrument						
Of which: loans and deposits	0	0	86	25	22	694
Of which: debt securities	0	-24	0	\	...	...

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-5,442	-4,505	17,577	-6,063	-4,286	17,151
Cross-border positions	-5,657	-4,312	17,191	-6,086	-4,268	16,203
Of which: local currency	...	...	...	...	...	...
Local positions	214	-192	386	23	-17	948
Of which: local currency	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-5,657	-4,312	17,191	-6,086	-4,268	16,203
By sector of counterparty						
Banks	-5,549	-2,020	9,566	-5,689	-1,929	10,084
Of which: intragroup	...	...	...	...	...	...
Non-banks	-107	-2,293	7,625	-398	-2,339	6,119
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-5,657	-4,312	17,191	-6,086	-4,268	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	-5,657	-4,312	17,191	-6,086	-4,268	16,203
Of which: debt securities	...	...	...	...	...	...
Local positions in foreign currencies	214	-192	386	23	-17	948
By sector of counterparty						
Banks	-21	10	135	88	-51	210
Of which: intragroup	...	...	...	...	...	...
Non-banks	236	-203	251	-65	34	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	214	-192	386	23	-17	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-7,289	-2,633	92,762	-4,690	-2,232	70,278
Cross-border positions	-1,086	-3,900	21,978	-4,706	-2,383	23,141
Of which: local currency	-137	-208	7,521	-144	329	9,218
Local positions	-6,153	1,221	70,364	17	152	47,136
Of which: local currency	-1,821	2,010	64,762	-996	302	42,539
Unallocated	-50	46	420	-1	-1	1
Of which: local currency	-53	44	392	0	-1	1
Cross-border positions	-1,086	-3,900	21,978	-4,706	-2,383	23,141
By sector of counterparty						
Banks	-530	-1,327	8,309	-3,451	-2,462	9,033
Of which: intragroup	384	35	4,344	-3,499	-1,883	6,553
Non-banks	-556	-2,572	13,668	-855	105	13,970
Of which: non-bank financial	-469	26	6,288	-634	-115	3,538
Of which: non-financial	-87	-2,598	7,380	-221	219	10,433
Unallocated	\	0	0	-399	-25	137
By currency						
Local currency	-137	-208	7,521	-144	329	9,218
Foreign currencies	-949	-3,691	14,457	-4,562	-2,712	13,923
Of which: US dollar	-782	-3,914	11,461	-4,535	-2,467	12,558
Of which: euro	...	...	...	...	...	...
Of which: yen	6	4	79	13	5	40
Of which: pound sterling	-18	101	683	8	13	425
Of which: Swiss franc	-26	-9	1,105	-9	-14	212
Of which: other currencies	-129	126	1,128	-38	-249	688
By instrument						
Of which: loans and deposits	-251	-3,473	18,275	-4,303	-2,312	22,844
Of which: debt securities	-874	-398	3,346	-387	-25	137
Local positions in foreign currencies	-4,332	-789	5,602	1,012	-150	4,596
By sector of counterparty						
Banks	5	0	42	5	1	49
Of which: intragroup	3	1	40	3	0	40
Non-banks	-4,336	-789	5,560	681	175	4,476
Of which: non-bank financial	-4,139	-648	3,241	663	156	2,001
Of which: non-financial	-198	-141	2,319	17	19	2,475
Unallocated	\	\	\	327	-327	72
By currency						
Of which: US dollar	-4,366	-176	3,645	998	-273	3,691
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-3,623	-551	5,339	651	169	4,477
Of which: debt securities	-684	-224	128	326	-327	70
Local positions in local currency	-1,821	2,010	64,762	-996	302	42,539
Unallocated by type of position	-50	46	420	-1	-1	1
By currency						
Of which: local currency	-53	44	392	0	-1	1
Of which: US dollar	1	1	15	0	0	0
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-50	46	420	-1	0	1
Of which: debt securities	\	0	0	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	20,428	15,804	1,122,628	25,109	15,045	1,049,645
Cross-border positions	14,845	2,970	239,701	19,878	-6,907	191,531
Of which: local currency	1,376	-3,886	26,974	2,414	-6,358	38,534
Local positions	4,807	13,799	878,874	1,310	16,006	352,388
Of which: local currency	5,880	9,146	807,461	2,579	10,007	310,908
Unallocated	\	-964	4,053	3,921	5,946	505,727
Of which: local currency	\	\	\	3,934	3,001	397,464
Cross-border positions	14,845	2,970	239,701	19,878	-6,907	191,531
By sector of counterparty						
Banks	10,842	6,236	162,092	13,545	-9,739	146,300
Of which: intragroup	4,089	9,903	87,453	\	\	\
Non-banks	4,004	-3,266	77,609	6,333	2,832	45,228
Of which: non-bank financial	2,028	-559	37,115	5,311	2,563	30,741
Of which: non-financial	1,977	-2,707	40,495	1,022	269	14,487
Unallocated	\	\	\	\	\	\
By currency						
Local currency	1,376	-3,886	26,974	2,414	-6,358	38,534
Foreign currencies	9,258	5,673	163,718	13,271	-1,854	101,654
Of which: US dollar	-733	635	18,947	5,181	-559	28,224
Of which: euro	7,161	7,425	91,727	3,644	1,883	56,148
Of which: yen	-145	-100	1,018	-169	-50	721
Of which: pound sterling	2,258	-589	8,684	1,662	350	6,927
Of which: Swiss franc	140	323	2,241	-124	-44	1,339
Of which: other currencies	577	-2,022	41,102	3,077	-3,435	8,296
By instrument						
Of which: loans and deposits	8,231	3,622	146,973	14,528	-9,357	132,859
Of which: debt securities	1,259	-2,577	26,503	...	...	...
Local positions in foreign currencies	-1,346	-789	45,461	-2,877	2,299	18,746
By sector of counterparty						
Banks	-1,385	559	11,142	-1,566	1,613	3,698
Of which: intragroup	-1,349	472	3,012	\	\	\
Non-banks	38	-1,347	34,319	-1,310	686	15,049
Of which: non-bank financial	-55	-98	5,324	-207	505	7,283
Of which: non-financial	93	-1,249	28,995	-1,103	181	7,766
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	268	151	4,062	553	125	5,704
Of which: euro	-1,573	-1,352	37,740	-2,869	1,374	9,418
By instrument						
Of which: loans and deposits	-1,132	-387	35,967	-2,867	2,095	17,838
Of which: debt securities	-178	-571	8,686	...	...	...
Local positions in local currency	5,880	9,146	807,461	2,579	10,007	310,908
Unallocated by type of position	\	-964	4,053	3,921	5,946	505,727
By currency						
Of which: local currency	\	\	\	3,934	3,001	397,464
Of which: US dollar	\	4	21	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	0	\	\	\	0	0
Of which: debt securities	0	-	0	4,769	5,276	485,909

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	56,237	-5,189	661,979	58,717	-6,197	634,419
Cross-border positions	17,699	-12,418	279,561	48,485	-6,821	395,448
Of which: local currency	16,641	-7,602	159,031	45,996	-3,738	243,236
Local positions	37,640	7,877	379,125	8,928	1,067	233,981
Of which: local currency	37,513	7,747	374,665	7,099	2,760	225,147
Unallocated	898	-648	3,294	1,304	-443	4,990
Of which: local currency	-168	134	1,575	224	166	1,671
Cross-border positions	17,699	-12,418	279,561	48,485	-6,821	395,448
By sector of counterparty						
Banks	7,827	-13,100	167,889	32,313	1,969	221,510
Of which: intragroup	-846	-2,957	50,633	17,721	2,804	113,201
Non-banks	8,525	-140	108,695	16,131	-9,964	67,674
Of which: non-bank financial	6,524	2,414	67,801	13,807	-5,315	53,037
Of which: non-financial	2,001	-2,554	40,894	2,324	-4,648	14,637
Unallocated	1,347	\	\	41	1,174	106,264
By currency						
Local currency	16,641	-7,602	159,031	45,996	-3,738	243,236
Foreign currencies	1,055	-4,815	120,500	2,496	-3,093	150,888
Of which: US dollar	-9,721	4,764	35,467	-7,610	-2,851	63,203
Of which: euro	...	...	...	...	...	...
Of which: yen	122	952	1,644	207	341	6,787
Of which: pound sterling	-61	68	2,237	-3,546	1,757	14,039
Of which: Swiss franc	-43	-844	971	-221	447	4,283
Of which: other currencies	\	\	\	13,668	-2,786	62,576
By instrument						
Of which: loans and deposits	1,043	-5,623	98,321	38,836	-1,134	176,815
Of which: debt securities	5,114	-3,023	57,826	350	-587	92,895
Local positions in foreign currencies	127	130	4,460	1,830	-1,708	8,802
By sector of counterparty						
Banks	37	119	754	47	31	798
Of which: intragroup	15	159	689	60	157	716
Non-banks	-144	345	3,657	-297	-848	5,081
Of which: non-bank financial	3	-8	273	-181	-386	1,430
Of which: non-financial	-147	354	3,385	-116	-463	3,651
Unallocated	234	-334	48	2,080	-891	2,924
By currency						
Of which: US dollar	-105	391	1,978	1,272	-122	5,646
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	110	-3	3,258	-195	-369	5,097
Of which: debt securities	-1	16	156	1,261	29	2,746
Local positions in local currency	37,513	7,747	374,665	7,099	2,760	225,147
Unallocated by type of position	898	-648	3,294	1,304	-443	4,990
By currency						
Of which: local currency	-168	134	1,575	224	166	1,671
Of which: US dollar	\	\	\	-2	20	25
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-43	-5	227	0	-	0
Of which: debt securities	\	\	\	\	0	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	125,157	110,045	7,409,033	104,752	118,152	7,158,395
Cross-border positions	105,858	9,022	2,232,282	91,429	83,996	2,283,273
Of which: local currency	40,859	-56,699	1,219,511	15,749	14,681	1,336,105
Local positions	18,283	102,080	5,176,750	13,324	34,155	4,875,121
Of which: local currency	6,322	77,567	4,966,598	4,000	12,581	4,664,485
Unallocated	1,016	-1,057	1	-1	1	1
Of which: local currency	1,032	-1,057	1	-1	1	1
Cross-border positions	105,858	9,022	2,232,282	91,429	83,996	2,283,273
By sector of counterparty						
Banks	16,490	24,159	1,202,040	6,520	40,754	900,796
Of which: intragroup	5,893	53,222	769,519	-14,955	20,093	551,942
Non-banks	89,044	-22,219	952,337	83,048	40,176	629,017
Of which: non-bank financial	55,447	3,271	482,901	75,117	38,883	434,422
Of which: non-financial	33,597	-25,490	469,436	7,931	1,294	194,596
Unallocated	325	7,082	77,905	1,861	3,066	753,460
By currency						
Local currency	40,859	-56,699	1,219,511	15,749	14,681	1,336,105
Foreign currencies	64,999	65,721	1,012,771	75,679	69,315	947,168
Of which: US dollar	55,074	54,519	589,336	78,608	70,759	654,155
Of which: euro	...	...	...	...	...	...
Of which: yen	18,487	-329	156,765	-1,854	-1,432	100,382
Of which: pound sterling	2,902	9,140	114,949	-2,782	-2,983	107,280
Of which: Swiss franc	-9,709	-812	35,641	880	-754	25,674
Of which: other currencies	-1,755	3,203	116,080	827	3,724	59,677
By instrument						
Of which: loans and deposits	74,268	46,862	1,389,030	91,015	80,649	1,497,151
Of which: debt securities	45,974	-15,891	546,648	7,449	6,994	670,716
Local positions in foreign currencies	11,961	24,513	210,152	9,325	21,574	210,636
By sector of counterparty						
Banks	8,026	17,018	129,891	10,284	26,244	149,699
Of which: intragroup	7,548	11,004	107,137	17,842	19,744	120,473
Non-banks	3,935	7,494	80,260	-937	-4,664	60,936
Of which: non-bank financial	3,432	1,424	22,392	29	-2,974	31,351
Of which: non-financial	502	6,070	57,869	-967	-1,689	29,585
Unallocated	\	1	1	-23	-5	1
By currency						
Of which: US dollar	3,961	27,675	128,826	3,205	22,726	141,135
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	8,329	23,687	189,875	9,897	21,618	193,225
Of which: debt securities	4,143	780	19,481	-228	-304	16,135
Local positions in local currency	6,322	77,567	4,966,598	4,000	12,581	4,664,485
Unallocated by type of position	1,016	-1,057	1	-1	1	1
By currency						
Of which: local currency	1,032	-1,057	1	-1	1	1
Of which: US dollar	\	\	\	1	\	\
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-15	\	\	0	\	\
Of which: debt securities	1,032	\	\	1	-2	-1

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	60,035	86,938	7,662,409	67,392	93,940	7,099,785
Cross-border positions	15,053	31,809	2,152,981	56,819	88,393	1,696,443
Of which: local currency	25,201	25,763	1,520,835	24,891	83,900	1,003,902
Local positions	44,982	55,129	5,509,428	10,574	5,547	5,403,342
Of which: local currency	45,158	66,319	5,388,527	11,148	6,088	5,268,215
Unallocated	\	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	15,053	31,809	2,152,981	56,819	88,393	1,696,443
By sector of counterparty						
Banks	1,915	32,038	1,308,397	21,589	58,326	761,069
Of which: intragroup	-17,032	37,532	727,781	14,647	64,452	501,658
Non-banks	13,134	-236	844,519	21,699	17,852	260,429
Of which: non-bank financial	3,532	1,723	242,181	17,810	21,559	156,452
Of which: non-financial	9,606	-1,964	602,305	3,882	-3,709	103,942
Unallocated	4	7	65	13,530	12,216	674,945
By currency						
Local currency	25,201	25,763	1,520,835	24,891	83,900	1,003,902
Foreign currencies	-10,143	6,043	632,081	31,918	4,491	692,460
Of which: US dollar	-8,902	10,420	468,438	26,787	13,180	514,992
Of which: euro	...	...	...	...	...	...
Of which: yen	4,774	-9,994	13,980	2,381	-4,697	13,987
Of which: pound sterling	1,761	3,580	65,640	3,505	-400	66,650
Of which: Swiss franc	-6,861	2,019	49,201	-883	-1,994	24,117
Of which: other currencies	-915	18	34,822	128	-1,598	72,714
By instrument						
Of which: loans and deposits	8,832	38,596	1,439,663	43,740	76,307	1,013,574
Of which: debt securities	9,675	-7,730	582,991	13,521	12,210	674,859
Local positions in foreign currencies	-177	-11,189	120,900	-573	-544	135,124
By sector of counterparty						
Banks	1,810	-5,183	68,106	-2,290	-1,975	40,619
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,987	-6,006	52,794	2,802	647	62,515
Of which: non-bank financial	56	-97	10,777	674	398	18,511
Of which: non-financial	-2,043	-5,910	42,016	2,127	250	44,003
Unallocated	\	\	\	-1,085	784	31,990
By currency						
Of which: US dollar	1,255	-9,091	77,672	-196	-938	90,583
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	871	-10,711	90,882	511	-1,327	103,135
Of which: debt securities	-886	-505	21,127	-1,085	784	31,990
Local positions in local currency	45,158	66,319	5,388,527	11,148	6,088	5,268,215
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-6,421	-12,053	349,372	-4,113	-10,038	275,065
Cross-border positions	-1,802	-10,769	92,574	4,968	5,522	29,740
Of which: local currency	-895	-7,282	84,906	5,058	5,756	27,623
Local positions	-4,360	-1,248	254,825	-9,170	-15,416	243,870
Of which: local currency	-4,339	-682	235,832	-8,973	-15,710	236,600
Unallocated	-258	-36	1,973	89	-144	1,455
Of which: local currency	-37	3	752	42	-111	971
Cross-border positions	-1,802	-10,769	92,574	4,968	5,522	29,740
By sector of counterparty						
Banks	-1,441	-4,917	26,448	5,445	4,513	21,996
Of which: intragroup	...	...	...	...	...	...
Non-banks	-361	-5,852	66,126	-483	1,008	6,302
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	6	1	1,442
By currency						
Local currency	-895	-7,282	84,906	5,058	5,756	27,623
Foreign currencies	-907	-3,487	7,668	-90	-234	2,117
Of which: US dollar	57	-759	2,678	-89	-149	1,769
Of which: euro	...	...	...	...	...	...
Of which: yen	-4	-1	54	-3	0	2
Of which: pound sterling	160	-65	1,028	-30	-66	91
Of which: Swiss franc	-23	-58	1,910	3	7	98
Of which: other currencies	-1,096	-2,605	1,998	29	-27	157
By instrument						
Of which: loans and deposits	-535	-1,269	28,836	4,962	5,521	28,298
Of which: debt securities	-276	-6,901	58,940	...	...	...
Local positions in foreign currencies	-22	-566	18,993	-196	293	7,270
By sector of counterparty						
Banks	0	1	12	-79	-45	12
Of which: intragroup	...	...	...	...	...	...
Non-banks	-22	-567	18,981	-117	338	7,258
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-36	-472	8,769	-246	314	5,857
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-22	-566	18,993	-196	293	7,270
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	-4,339	-682	235,832	-8,973	-15,710	236,600
Unallocated by type of position	-258	-36	1,973	89	-144	1,455
By currency						
Of which: local currency	-37	3	752	42	-111	971
Of which: US dollar	-4	-21	87	21	-7	134
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-43	-21	1,081	89	-144	1,455
Of which: debt securities	0	2	5	...	...	...

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	71	1,951	149,606	892	1,668	146,137
Cross-border positions	412	1,842	142,188	290	1,572	90,867
Of which: local currency	58	2,216	30,535	-132	1,225	18,421
Local positions	-336	83	7,222	398	1,082	40,092
Of which: local currency	-310	-126	5,128	-300	-213	14,116
Unallocated	-4	25	197	204	-987	15,178
Of which: local currency	20	5	72	242	-43	342
Cross-border positions	412	1,842	142,188	290	1,572	90,867
By sector of counterparty						
Banks	-51	3,286	95,319	-831	394	54,653
Of which: intragroup	96	2,131	77,935	-884	123	54,155
Non-banks	478	-1,443	46,864	1,031	1,331	35,117
Of which: non-bank financial	-101	-884	32,799	-392	515	8,117
Of which: non-financial	579	-559	14,065	1,423	816	26,999
Unallocated	-15	-1	6	89	-153	1,098
By currency						
Local currency	58	2,216	30,535	-132	1,225	18,421
Foreign currencies	354	-374	111,653	422	347	72,446
Of which: US dollar	977	651	83,662	938	447	59,907
Of which: euro	-82	-1,264	16,426	186	-63	4,659
Of which: yen	-27	-133	248	-62	-48	89
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-455	172	7,880	-602	91	4,366
Of which: other currencies	-59	201	3,438	-37	-80	3,425
By instrument						
Of which: loans and deposits	1,078	1,755	116,252	951	1,552	81,872
Of which: debt securities	-138	23	14,029	-268	-69	8,503
Local positions in foreign currencies	-27	209	2,094	698	1,295	25,976
By sector of counterparty						
Banks	-133	57	668	394	-46	2,820
Of which: intragroup	432	-8	506	482	-46	2,488
Non-banks	78	-10	1,209	461	1,424	22,773
Of which: non-bank financial	128	-41	862	164	1,313	12,534
Of which: non-financial	-50	31	347	296	111	10,239
Unallocated	28	162	217	-157	-83	384
By currency						
Of which: US dollar	-148	187	1,374	335	1,761	18,113
Of which: euro	127	0	411	503	-632	4,552
By instrument						
Of which: loans and deposits	528	-5	1,753	447	-345	17,144
Of which: debt securities	-22	7	26	474	1,735	6,123
Local positions in local currency	-310	-126	5,128	-300	-213	14,116
Unallocated by type of position	-4	25	197	204	-987	15,178
By currency						
Of which: local currency	20	5	72	242	-43	342
Of which: US dollar	-31	48	85	-103	-961	5,128
Of which: euro	7	-21	39	118	20	8,786
By instrument						
Of which: loans and deposits	-2	5	62	63	11	262
Of which: debt securities	2	6	8	33	-1,062	14,440

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-11,002	79,426	2,516,905	-8,185	83,099	2,534,685
Cross-border positions	-7,022	11,810	1,273,758	-3,078	38,913	1,046,014
Of which: local currency	2,528	9,414	102,194	-7,147	16,131	199,646
Local positions	-3,991	67,514	1,242,314	-5,092	44,171	1,488,061
Of which: local currency	8,884	32,745	803,936	13,626	33,796	831,290
Unallocated	11	102	832	-14	14	610
Of which: local currency	27	56	207	12	-17	62
Cross-border positions	-7,022	11,810	1,273,758	-3,078	38,913	1,046,014
By sector of counterparty						
Banks	-25,730	16,852	807,656	-14,875	21,648	635,262
Of which: intragroup	-9,912	-19,738	420,102	-28,270	23,419	433,155
Non-banks	18,708	-5,042	466,102	11,796	17,265	410,752
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	0	-	0	0	\	\
By currency						
Local currency	2,528	9,414	102,194	-7,147	16,131	199,646
Foreign currencies	-9,550	2,395	1,171,564	4,069	22,783	846,367
Of which: US dollar	-16,015	13,220	715,416	10,002	19,102	631,087
Of which: euro	7,076	-243	64,296	3,484	4,675	37,533
Of which: yen	13,811	-7,430	123,869	-4,470	-2,056	49,014
Of which: pound sterling	-1,818	-743	17,592	-3,613	1,200	9,762
Of which: Swiss franc	-99	182	4,746	-246	-72	3,152
Of which: other currencies	-12,504	-2,592	245,644	-1,088	-66	115,820
By instrument						
Of which: loans and deposits	-21,714	-6,922	779,549	-20,413	16,270	808,735
Of which: debt securities	7,770	9,372	342,463	2,300	4,377	16,299
Local positions in foreign currencies	-12,875	34,769	438,379	-18,718	10,375	656,772
By sector of counterparty						
Banks	-12,342	20,714	138,604	-22,962	15,584	196,017
Of which: intragroup	-6,187	10,602	44,466	-8,827	15,089	56,030
Non-banks	-533	14,055	299,775	4,243	-5,209	460,754
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Unallocated	\	0	0	\	0	0
By currency						
Of which: US dollar	-17,171	30,137	335,517	-208	17,188	432,131
Of which: euro	3,816	2,234	24,781	-968	465	18,707
By instrument						
Of which: loans and deposits	-9,295	29,240	355,221	-1,843	14,625	524,826
Of which: debt securities	1,232	980	45,856	-11,458	-7,770	88,004
Local positions in local currency	8,884	32,745	803,936	13,626	33,796	831,290
Unallocated by type of position	11	102	832	-14	14	610
By currency						
Of which: local currency	27	56	207	12	-17	62
Of which: US dollar	31	-18	499	45	13	498
Of which: euro	-1	6	8	8	12	28
By instrument						
Of which: loans and deposits	34	-39	463	37	-33	418
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	66,038	6,234	1,753,916	69,052	-9,607	1,742,441
Cross-border positions	25,453	-11,678	56,098	14,001	5,557	169,257
Of which: local currency	\	\	\	\	\	\
Local positions	43,428	16,528	1,689,353	56,936	-14,759	1,565,256
Of which: local currency	\	\	\	\	\	\
Unallocated	\	\	\	\	\	\
Of which: local currency	\	\	\	\	\	\
Cross-border positions	25,453	-11,678	56,098	14,001	5,557	169,257
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	14,352	-10,265	26,724	15,586	5,609	136,947
Of which: non-bank financial	164	-249	70	-4,504	983	3,057
Of which: non-financial	14,188	-10,016	26,654	20,090	4,626	133,889
Unallocated	\	\	\	\	\	\
By currency						
Local currency	\	\	\	\	\	\
Foreign currencies	24,878	-12,394	52,092	2,697	1,059	74,320
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	24,718	-10,822	55,596	16,389	5,200	137,437
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	1,660	-1,466	24,004	480	1,099	12,810
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	1,401	-1,339	21,700	2,608	640	8,794
Of which: non-bank financial	626	-39	1,515	115	-14	105
Of which: non-financial	775	-1,300	20,185	2,494	654	8,688
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	6,372	17,397	467,750	1,624	14,508	417,237
Cross-border positions	-732	5,097	18,646	-2,661	2,718	37,850
Of which: local currency	37	2	147	72	154	8,298
Local positions	7,195	12,469	448,695	4,347	11,797	378,519
Of which: local currency	10,414	10,927	371,065	7,570	12,271	323,852
Unallocated	-91	-169	409	-62	-7	868
Of which: local currency	-134	-133	259	-63	-8	868
Cross-border positions	-732	5,097	18,646	-2,661	2,718	37,850
By sector of counterparty						
Banks	-465	3,229	16,350	-2,197	1,390	32,280
Of which: intragroup	\	\	\	\	\	\
Non-banks	-267	1,869	2,296	-465	1,328	5,570
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	37	2	147	72	154	8,298
Foreign currencies	-770	5,096	18,499	-2,733	2,563	29,551
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	-63	3,999	13,798	-2,096	2,054	28,093
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	-3,219	1,542	77,630	-3,222	-474	54,667
By sector of counterparty						
Banks	-1,325	-3,456	18,637	-1,653	772	4,465
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,894	4,997	58,993	-1,569	-1,246	50,202
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	-4,053	-1,506	58,689	-2,813	-244	53,081
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	10,414	10,927	371,065	7,570	12,271	323,852
Unallocated by type of position	-91	-169	409	-62	-7	868
By currency						
Of which: local currency	-134	-133	259	-63	-8	868
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	-39	-171	376	-52	-16	75
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-1,797	-8,016	627,353	2,939	-21,804	661,014
Cross-border positions	6,092	-9,172	311,259	-943	-5,582	276,412
Of which: local currency	5,586	-9,221	155,793	-1,780	-7,052	148,991
Local positions	-7,889	1,157	316,094	3,882	-16,222	384,602
Of which: local currency	-6,856	1,619	294,245	5,626	-15,690	340,227
Unallocated	\	0	0	0	\	\
Of which: local currency	\	\	\	\	\	\
Cross-border positions	6,092	-9,172	311,259	-943	-5,582	276,412
By sector of counterparty						
Banks	3,653	-11,065	182,593	1,809	-5,977	135,559
Of which: intragroup	7,248	-14,715	106,309	2,869	-500	87,492
Non-banks	1,633	2,624	128,060	-390	2,886	68,697
Of which: non-bank financial	-92	1,349	43,311	-1,440	2,199	52,766
Of which: non-financial	1,725	1,275	84,749	1,050	687	15,932
Unallocated	806	-731	605	-2,362	-2,491	72,156
By currency						
Local currency	5,586	-9,221	155,793	-1,780	-7,052	148,991
Foreign currencies	506	49	155,465	837	1,470	127,421
Of which: US dollar	2,695	1,951	85,982	1,466	1,005	72,285
Of which: euro	...	...	...	...	...	...
Of which: yen	156	-18	7,459	-187	81	5,767
Of which: pound sterling	-1,496	-1,681	52,864	-692	-399	33,600
Of which: Swiss franc	248	15	2,014	179	-56	1,905
Of which: other currencies	-1,098	-219	7,147	72	838	13,864
By instrument						
Of which: loans and deposits	5,838	-11,686	182,113	401	-5,587	173,677
Of which: debt securities	-2,043	-395	93,351	157	40	46,352
Local positions in foreign currencies	-1,033	-463	21,850	-1,744	-532	44,374
By sector of counterparty						
Banks	-611	-849	5,111	-1,169	-964	3,804
Of which: intragroup	-821	-843	4,307	-976	-1,098	3,432
Non-banks	-422	387	16,738	-545	194	19,869
Of which: non-bank financial	-802	622	10,626	-893	1,442	10,235
Of which: non-financial	380	-235	6,112	347	-1,249	9,633
Unallocated	\	\	\	-30	239	20,702
By currency						
Of which: US dollar	-891	-726	13,620	-139	-622	34,662
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-1,442	-1,657	15,899	-1,801	-1,340	19,632
Of which: debt securities	66	-41	1,083	-606	-5	69
Local positions in local currency	-6,856	1,619	294,245	5,626	-15,690	340,227
Unallocated by type of position	\	0	0	0	\	\
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	\	0	0	\	0	0
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	0	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-1,490	241	62,620	-1,499	225	62,620
Cross-border positions	-1,100	-330	52,965	-1,233	212	41,436
Of which: local currency	78	-257	31,895	-463	138	23,364
Local positions	-403	568	9,599	-311	10	20,942
Of which: local currency	-88	255	7,448	155	-133	15,644
Unallocated	13	2	56	45	3	242
Of which: local currency	9	3	45	32	-8	129
Cross-border positions	-1,100	-330	52,965	-1,233	212	41,436
By sector of counterparty						
Banks	-1,329	-292	47,115	-1,253	228	12,711
Of which: intragroup	-659	-1,092	40,113	-1,550	-209	9,973
Non-banks	231	-40	5,831	-7	7	28,643
Of which: non-bank financial	-36	-6	163	-113	-79	4,132
Of which: non-financial	266	-34	5,668	106	86	24,511
Unallocated	-2	2	20	27	-24	82
By currency						
Local currency	78	-257	31,895	-463	138	23,364
Foreign currencies	-1,178	-73	21,070	-770	74	18,072
Of which: US dollar	-1,131	120	15,713	-751	99	13,410
Of which: euro	179	-179	4,626	79	-36	3,693
Of which: yen	-98	38	149	1	27	145
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-80	-9	87	-81	-18	247
Of which: other currencies	-48	-43	495	-18	2	576
By instrument						
Of which: loans and deposits	-1,347	-300	51,059	-759	191	39,773
Of which: debt securities	259	-9	1,758	...	...	...
Local positions in foreign currencies	-315	313	2,151	-466	143	5,298
By sector of counterparty						
Banks	-358	94	1,138	-372	81	1,121
Of which: intragroup	-337	99	1,084	-347	64	1,073
Non-banks	42	218	1,010	-95	50	4,155
Of which: non-bank financial	60	327	1,002	114	279	1,442
Of which: non-financial	-18	-109	8	-209	-229	2,713
Unallocated	1	1	3	2	12	22
By currency						
Of which: US dollar	-278	210	1,598	-456	86	3,435
Of which: euro	-35	139	503	9	110	1,427
By instrument						
Of which: loans and deposits	-310	430	2,142	-468	132	5,272
Of which: debt securities	...	...	...	...	...	...
Local positions in local currency	-88	255	7,448	155	-133	15,644
Unallocated by type of position	13	2	56	45	3	242
By currency						
Of which: local currency	9	3	45	32	-8	129
Of which: US dollar	4	-3	9	1	-4	23
Of which: euro	0	2	2	18	10	80
By instrument						
Of which: loans and deposits	0	0	0	33	10	160
Of which: debt securities	14	9	33	...	...	...

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	72,173	20,884	4,273,195	71,712	21,190	4,273,625
Cross-border positions	19,570	8,771	485,726	12,024	754	491,695
Of which: local currency	15,529	5,204	401,016	9,032	-785	441,643
Local positions	\	\	\	\	\	\
Of which: local currency	\	\	\	\	\	\
Unallocated	998	1,455	21,227	-7,196	-499	98,685
Of which: local currency	901	1,229	20,102	-6,809	-461	87,114
Cross-border positions	19,570	8,771	485,726	12,024	754	491,695
By sector of counterparty						
Banks	557	3,729	316,514	2,752	-3,305	369,457
Of which: intragroup	-6,907	-1,907	68,134	-9,592	5,012	173,954
Non-banks	19,011	5,006	168,713	9,532	3,893	119,254
Of which: non-bank financial	4,214	934	76,042	12,470	3,569	106,517
Of which: non-financial	14,797	4,072	92,671	-2,938	324	12,737
Unallocated	1	36	499	-260	166	2,985
By currency						
Local currency	15,529	5,204	401,016	9,032	-785	441,643
Foreign currencies	4,040	3,568	84,710	2,992	1,538	50,053
Of which: US dollar	4,126	3,726	65,499	3,101	1,440	38,407
Of which: euro	...	...	...	...	...	...
Of which: yen	267	-96	1,468	-67	300	1,722
Of which: pound sterling	-215	344	6,202	560	184	5,385
Of which: Swiss franc	-80	-31	1,666	-137	53	2,006
Of which: other currencies	-58	-376	9,873	-465	-439	2,533
By instrument						
Of which: loans and deposits	1,048	6,709	220,443	-155	-522	358,405
Of which: debt securities	13,322	3,344	100,620	-246	209	2,734
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	998	1,455	21,227	-7,196	-499	98,685
By currency						
Of which: local currency	901	1,229	20,102	-6,809	-461	87,114
Of which: US dollar	-7	-10	507	-429	-105	10,456
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	76	-43	179	57	-58	1
Of which: debt securities	-338	59	5,290	-7,004	-473	96,236

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	706,127	140,041	23,463,391	558,518	102,954	22,829,340
Cross-border positions	129,555	71,408	3,503,802	93,108	27,414	1,381,654
Of which: local currency	-4,124	-4,622	893,540	42,514	-9,887	332,612
Local positions	576,576	68,634	19,959,540	474,262	85,823	21,189,738
Of which: local currency	538,892	59,683	19,453,735	418,799	40,002	20,476,023
Unallocated	-4	-1	49	-8,852	-10,282	257,947
Of which: local currency	0	0	1	-7,862	-10,339	179,752
Cross-border positions	129,555	71,408	3,503,802	93,108	27,414	1,381,654
By sector of counterparty						
Banks	-7,801	79,533	1,080,455	93,061	4,781	1,121,033
Of which: intragroup	-6,589	59,504	537,394	22,946	-9,589	649,274
Non-banks	137,356	-8,124	2,423,347	48	22,633	260,621
Of which: non-bank financial	11,638	66,102	860,519	-5,184	31,987	222,885
Of which: non-financial	125,718	-74,226	1,562,829	5,232	-9,355	37,736
Unallocated	-	\	\	\	\	\
By currency						
Local currency	-4,124	-4,622	893,540	42,514	-9,887	332,612
Foreign currencies	133,680	76,031	2,610,262	50,594	37,301	1,049,042
Of which: US dollar	121,793	45,432	1,892,379	48,399	21,435	864,423
Of which: euro	14,158	3,414	361,004	1,476	5,790	136,758
Of which: yen	...	...	...	...	...	...
Of which: pound sterling	3,348	6,258	77,855	806	3,256	13,093
Of which: Swiss franc	897	-1,479	19,987	78	-29	130
Of which: other currencies	-6,517	22,406	259,037	-163	6,850	34,639
By instrument						
Of which: loans and deposits	-7,519	107,487	1,083,624	93,108	27,414	1,381,654
Of which: debt securities	\	\	\	...	...	...
Local positions in foreign currencies	37,685	8,951	505,805	55,463	45,821	713,716
By sector of counterparty						
Banks	28,317	-1,678	303,058	31,666	23,251	349,256
Of which: intragroup	...	...	...	...	...	...
Non-banks	9,368	10,629	202,746	23,796	22,569	364,460
Of which: non-bank financial	3,580	1,881	38,076	9,506	-4,171	128,688
Of which: non-financial	5,787	8,748	164,670	14,290	26,741	235,772
Unallocated	\	\	\	0	\	\
By currency						
Of which: US dollar	39,107	2,162	447,352	52,353	31,533	604,770
Of which: euro	-2,944	1,809	33,626	438	1,881	58,929
By instrument						
Of which: loans and deposits	34,237	4,096	460,621	55,463	45,821	713,716
Of which: debt securities	\	\	\	...	...	...
Local positions in local currency	538,892	59,683	19,453,735	418,799	40,002	20,476,023
Unallocated by type of position	-4	-1	49	-8,852	-10,282	257,947
By currency						
Of which: local currency	0	0	1	-7,862	-10,339	179,752
Of which: US dollar	-4	-1	46	-797	-208	69,444
Of which: euro	0	0	0	2	-3	5,534
By instrument						
Of which: loans and deposits	-4	-1	49	0	\	\
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-4,303	-6,843	154,294	-4,686	-8,388	135,957
Cross-border positions	-3,832	-5,584	152,213	-5,200	-5,329	97,883
Of which: local currency	-348	55	61,633	-63	-887	43,130
Local positions	-469	-1,254	2,039	435	-2,709	17,443
Of which: local currency	...	...	...	...	...	...
Unallocated	-2	-5	42	79	-350	20,631
Of which: local currency	3	-8	35	-139	265	1,568
Cross-border positions	-3,832	-5,584	152,213	-5,200	-5,329	97,883
By sector of counterparty						
Banks	-3,768	-10,234	131,945	-2,139	-4,560	42,475
Of which: intragroup	-4,705	-9,918	127,071	-202	-4,882	32,766
Non-banks	-64	4,650	20,268	-3,061	-769	55,408
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	-348	55	61,633	-63	-887	43,130
Foreign currencies	-3,485	-5,637	90,581	-5,133	-4,444	54,751
Of which: US dollar	-152	-3,325	65,168	-1,615	-3,342	42,658
Of which: euro	-3,418	-2,204	17,967	-3,754	-1,238	8,599
Of which: yen	94	13	754	183	111	360
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-248	-283	2,259	-149	-51	688
Of which: other currencies	239	162	4,433	202	74	2,446
By instrument						
Of which: loans and deposits	-4,180	-6,130	137,771	-2,543	-5,007	96,392
Of which: debt securities	1,462	627	4,651	-801	-379	562
Local positions in foreign currencies	-469	-1,254	2,039	435	-2,709	17,443
By sector of counterparty						
Banks	-490	-1,739	209	426	-1,903	908
Of which: intragroup	...	...	...	...	...	...
Non-banks	21	486	1,830	9	-806	16,535
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-803	-1,208	575	-247	-1,667	10,161
Of which: euro	215	90	1,213	394	-941	5,884
By instrument						
Of which: loans and deposits	-550	-1,244	1,794	-229	-2,060	17,052
Of which: debt securities	...	7	7	-	-	3
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	-2	-5	42	79	-350	20,631
By currency						
Of which: local currency	3	-8	35	-139	265	1,568
Of which: US dollar	-3	-3	2	532	936	12,549
Of which: euro	-3	3	3	-233	-411	3,912
By instrument						
Of which: loans and deposits	-5	-1	1	-46	1	69
Of which: debt securities	2	\	\	147	-339	20,490

Banks located in 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	16,837	1,762	1,991,086	8,078	5,115	1,779,859
Cross-border positions	6,315	2,158	217,277	-6,444	3,961	236,944
Of which: local currency	68	-66	872	-967	-244	4,491
Local positions	10,545	-402	1,772,365	14,546	1,161	1,541,489
Of which: local currency	13,503	9,117	1,638,395	9,008	8,961	1,407,464
Unallocated	-23	6	1,445	-24	-7	1,426
Of which: local currency	\	\	\	\	\	\
Cross-border positions	6,315	2,158	217,277	-6,444	3,961	236,944
By sector of counterparty						
Banks	-2,400	3,910	85,606	-5,624	5,507	181,939
Of which: intragroup	-5,463	952	31,776	-3,335	4,573	73,259
Non-banks	2,125	122	96,235	-1,225	-653	17,814
Of which: non-bank financial	-159	1,102	10,829	-1,228	-335	12,182
Of which: non-financial	2,284	-980	85,405	3	-318	5,632
Unallocated	6,589	-1,874	35,436	405	-893	37,191
By currency						
Local currency	68	-66	872	-967	-244	4,491
Foreign currencies	-343	4,098	180,968	-5,882	5,098	195,263
Of which: US dollar	1,618	2,400	149,516	-1,615	4,535	153,491
Of which: euro	377	-44	7,738	21	-1,049	9,476
Of which: yen	-169	-305	3,618	-1,149	-317	6,007
Of which: pound sterling	-13	-38	573	154	-803	1,262
Of which: Swiss franc	3	-9	64	-9	-187	885
Of which: other currencies	-2,160	2,093	19,460	-3,283	2,919	24,142
By instrument						
Of which: loans and deposits	1,917	-199	143,071	-6,127	1,531	49,298
Of which: debt securities	2,157	2,802	10,304	1,668	-1,580	83,524
Local positions in foreign currencies	-3,053	-2,352	85,924	462	357	87,479
By sector of counterparty						
Banks	-2,437	-208	28,603	297	1,350	25,243
Of which: intragroup	-113	674	995	-320	464	749
Non-banks	-617	-2,144	57,321	165	-993	62,237
Of which: non-bank financial	66	-298	1,110	-758	-2,081	7,545
Of which: non-financial	-683	-1,846	56,211	923	1,087	54,692
Unallocated	\	\	\	\	\	\
By currency						
Of which: US dollar	-3,529	-2,301	74,784	-264	2,775	75,158
Of which: euro	463	66	3,738	840	-174	3,654
By instrument						
Of which: loans and deposits	-2,987	-2,467	77,218	831	-108	84,443
Of which: debt securities	49	115	8,658	-383	27	2,420
Local positions in local currency	13,503	9,117	1,638,395	9,008	8,961	1,407,464
Unallocated by type of position	-23	6	1,445	-24	-7	1,426
By currency						
Of which: local currency	\	\	\	\	\	\
Of which: US dollar	-29	-2	1,399	-23	-3	1,423
Of which: euro	8	6	38	0	0	1
By instrument						
Of which: loans and deposits	27	-44	160	10	34	55
Of which: debt securities	0	\	\	\	\	\

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	35,351	2,618	859,761	35,904	1,662	791,159
Cross-border positions	22,468	5,192	647,289	23,030	-4,564	435,558
Of which: local currency	8,567	-5,510	373,982	15,428	-9,437	245,319
Local positions	12,890	-2,532	212,143	15,274	341	291,417
Of which: local currency	11,354	-2,429	175,360	4,904	1,588	197,564
Unallocated	-7	-43	329	-2,399	5,885	64,184
Of which: local currency	-7	-43	329	63	2,859	31,872
Cross-border positions	22,468	5,192	647,289	23,030	-4,564	435,558
By sector of counterparty						
Banks	9,166	2,297	397,896	12,469	-2,109	290,855
Of which: intragroup	8,547	-3,184	252,969	643	-2,060	209,411
Non-banks	12,701	1,910	243,859	10,111	-2,679	142,749
Of which: non-bank financial	1,885	-696	61,016	6,837	-5,462	74,898
Of which: non-financial	10,816	2,605	182,843	3,274	2,783	67,851
Unallocated	601	986	5,534	450	224	1,953
By currency						
Local currency	8,567	-5,510	373,982	15,428	-9,437	245,319
Foreign currencies	11,736	10,933	261,480	4,909	2,853	168,163
Of which: US dollar	8,879	5,726	178,570	4,258	-984	121,926
Of which: euro	...	...	...	...	...	...
Of which: yen	765	540	9,577	1,357	302	4,383
Of which: pound sterling	1,671	2,946	25,745	795	534	15,557
Of which: Swiss franc	-121	1,220	23,806	-262	-616	5,081
Of which: other currencies	541	501	23,782	-1,239	3,617	21,216
By instrument						
Of which: loans and deposits	20,315	6,415	479,079	21,703	-7,487	415,392
Of which: debt securities	105	-2,104	153,204	...	...	...
Local positions in foreign currencies	2,132	-1,589	29,111	9,083	-207	89,695
By sector of counterparty						
Banks	3,504	-3,229	13,895	3,759	-2,928	15,868
Of which: intragroup	768	-1,772	10,226	2,979	-3,540	10,376
Non-banks	-100	386	9,789	4,255	1,760	74,000
Of which: non-bank financial	233	367	6,593	4,383	1,363	68,819
Of which: non-financial	-333	19	3,196	-128	398	5,181
Unallocated	-1,272	1,253	5,428	1,068	961	-174
By currency						
Of which: US dollar	1,964	-543	21,742	7,772	-757	60,056
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	3,355	-2,918	21,230	8,015	-1,168	89,868
Of which: debt securities	49	76	2,454	...	...	...
Local positions in local currency	11,354	-2,429	175,360	4,904	1,588	197,564
Unallocated by type of position	-7	-43	329	-2,399	5,885	64,184
By currency						
Of which: local currency	-7	-43	329	63	2,859	31,872
Of which: US dollar	...	...	...	-819	3,642	24,253
Of which: euro	...	...	...	\	...	...
By instrument						
Of which: loans and deposits	...	0	0	-5	-3	368
Of which: debt securities	-7	-43	329	-2,394	5,888	63,816

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-1,341	5,857	171,104	-1,250	5,761	172,164
Cross-border positions	-1,565	4,281	107,924	-4,182	2,842	74,012
Of which: local currency	69	173	1,253	687	-762	2,091
Local positions	224	1,576	63,181	2,646	2,378	96,237
Of which: local currency	377	425	24,987	604	293	33,707
Unallocated	0	0	0	287	541	1,915
Of which: local currency	...	-	-	56	38	234
Cross-border positions	-1,565	4,281	107,924	-4,182	2,842	74,012
By sector of counterparty						
Banks	-1,664	2,878	54,302	-5,398	1,934	38,754
Of which: intragroup	-804	3,502	41,448	-4,753	860	33,839
Non-banks	70	1,380	53,502	1,262	1,027	34,710
Of which: non-bank financial	-826	99	8,066	1,526	33	6,008
Of which: non-financial	896	1,282	45,436	-265	995	28,701
Unallocated	29	22	119	-46	-119	549
By currency						
Local currency	69	173	1,253	687	-762	2,091
Foreign currencies	-1,633	4,108	106,671	-4,869	3,604	71,921
Of which: US dollar	2,515	5,119	57,428	-2,717	1,557	36,416
Of which: euro	-84	-631	3,986	-232	374	3,318
Of which: yen	-49	-701	170	1	-567	32
Of which: pound sterling	30	-1	273	17	-7	85
Of which: Swiss franc	-16	0	24	-1	-18	26
Of which: other currencies	-4,029	323	44,789	-1,937	2,266	32,044
By instrument						
Of which: loans and deposits	-2,369	3,498	95,848	-4,136	2,961	73,463
Of which: debt securities	642	708	11,405	-99	-100	390
Local positions in foreign currencies	-153	1,151	38,193	2,042	2,086	62,530
By sector of counterparty						
Banks	-122	459	1,445	-96	477	1,435
Of which: intragroup	24	515	821	26	0	77
Non-banks	-40	614	35,866	1,946	1,126	55,757
Of which: non-bank financial	80	-43	164	145	11	739
Of which: non-financial	-120	657	35,702	1,802	1,115	55,019
Unallocated	9	77	883	191	482	5,338
By currency						
Of which: US dollar	-227	353	2,792	539	537	11,953
Of which: euro	-42	-102	333	9	-5	419
By instrument						
Of which: loans and deposits	-162	1,073	37,306	1,851	1,604	57,192
Of which: debt securities	...	...	...	173	598	4,017
Local positions in local currency	377	425	24,987	604	293	33,707
Unallocated by type of position	0	0	0	287	541	1,915
By currency						
Of which: local currency	...	-	-	56	38	234
Of which: US dollar	-	0	0	187	275	775
Of which: euro	0	0	0	0	0	0
By instrument						
Of which: loans and deposits	0	0	0	287	541	1,915
Of which: debt securities	0	\	...	\	\	\

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	\	\	\	\	\	\
Cross-border positions	3,733	-2,033	58,685	2,184	1,905	95,882
Of which: local currency	\	\	\	\	\	\
Local positions	993	11,266	437,397	3,588	3,006	427,724
Of which: local currency	\	\	\	\	\	\
Unallocated	\	\	\	\	\	\
Of which: local currency	\	\	\	\	\	\
Cross-border positions	3,733	-2,033	58,685	2,184	1,905	95,882
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	65	4	15,237	616	-8	22,714
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	\	\	\
By currency						
Local currency	\	\	\	\	\	\
Foreign currencies	3,682	-2,372	52,661	-985	2,506	60,928
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	1,943	-3,096	36,850	656	1,079	61,936
Of which: debt securities	\	\	\	\	\	\
Local positions in foreign currencies	-197	3,174	41,846	2,634	-503	46,440
By sector of counterparty						
Banks	\	\	\	\	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	-1,003	175	5,442	167	-746	29,861
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	537	3,240	30,417	3,380	64	38,317
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	17,763	12,238	385,730	19,552	6,617	337,476
Cross-border positions	5,157	-4,178	15,093	2,217	-667	24,476
Of which: local currency	158	-50	696	578	102	3,435
Local positions	10,544	20,927	357,034	15,635	10,145	298,150
Of which: local currency	10,506	19,199	310,635	7,622	11,775	262,129
Unallocated	2,061	-4,511	13,603	1,699	-2,861	14,850
Of which: local currency	5,106	-2,646	10,184	2,703	-2,860	14,842
Cross-border positions	5,157	-4,178	15,093	2,217	-667	24,476
By sector of counterparty						
Banks	5,480	-4,947	8,035	-1,088	260	18,172
Of which: intragroup	...	...	...	...	...	...
Non-banks	-322	769	7,058	3,305	-927	6,304
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	158	-50	696	578	102	3,435
Foreign currencies	4,999	-4,128	14,397	1,639	-769	21,041
Of which: US dollar	5,204	-4,169	11,456	1,440	-657	20,269
Of which: euro	-288	133	483	-47	-2	72
Of which: yen	24	-54	35	246	-113	697
Of which: pound sterling	-63	-11	57	0	0	0
Of which: Swiss franc	0	1	4	0	1	1
Of which: other currencies	123	-28	2,363	0	2	2
By instrument						
Of which: loans and deposits	5,530	-4,957	10,645	2,318	-586	12,948
Of which: debt securities	-373	779	4,448	-101	-81	11,528
Local positions in foreign currencies	38	1,728	46,399	8,014	-1,629	36,021
By sector of counterparty						
Banks	-276	202	2,933	1,978	-376	4,002
Of which: intragroup	...	...	...	...	...	...
Non-banks	314	1,527	43,467	6,036	-1,253	32,019
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-1,282	2,910	41,692	8,941	-1,630	35,973
Of which: euro	151	142	1,923	18	1	23
By instrument						
Of which: loans and deposits	-1,011	1,219	39,885	6,359	-996	32,646
Of which: debt securities	707	497	5,918	2,630	-633	3,375
Local positions in local currency	10,506	19,199	310,635	7,622	11,775	262,129
Unallocated by type of position	2,061	-4,511	13,603	1,699	-2,861	14,850
By currency						
Of which: local currency	5,106	-2,646	10,184	2,703	-2,860	14,842
Of which: US dollar	...	\	\	10	-1	8
Of which: euro	\	0	0	...	\	\
By instrument						
Of which: loans and deposits	21	-164	-106	171	-465	1,328
Of which: debt securities	-59	-2	157	-523	1	6

Banks located in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	140,419	45,598	2,930,412	142,206	41,798	2,786,620
Cross-border positions	82,543	45,130	1,221,692	85,393	66,259	1,079,662
Of which: local currency	68,474	32,584	659,028	62,402	72,413	687,092
Local positions	52,450	-1,637	1,684,786	33,938	-19,609	1,096,866
Of which: local currency	50,383	-2,822	1,630,638	30,786	-16,753	1,037,178
Unallocated	\	\	\	22,876	-4,852	610,092
Of which: local currency	\	\	\	12,675	-605	330,691
Cross-border positions	82,543	45,130	1,221,692	85,393	66,259	1,079,662
By sector of counterparty						
Banks	19,088	3,259	441,515	21,128	34,149	412,001
Of which: intragroup	-901	4,637	283,677	14,176	30,908	335,711
Non-banks	25,302	19,510	527,696	17,635	11,298	380,329
Of which: non-bank financial	11,826	11,480	215,579	8,962	2,307	134,968
Of which: non-financial	13,476	8,030	312,117	8,672	8,991	245,361
Unallocated	38,154	22,361	252,481	46,630	20,812	287,332
By currency						
Local currency	68,474	32,584	659,028	62,402	72,413	687,092
Foreign currencies	14,069	12,545	562,664	22,991	-6,154	392,570
Of which: US dollar	12,687	13,976	386,556	17,509	-5,313	251,540
Of which: euro	...	...	...	...	...	...
Of which: yen	1,386	-1,414	17,976	487	213	13,261
Of which: pound sterling	-2,462	-8,782	62,591	4,656	-3,563	63,506
Of which: Swiss franc	-1,594	6,635	28,820	-77	-286	4,381
Of which: other currencies	4,052	2,130	66,721	415	2,795	59,882
By instrument						
Of which: loans and deposits	32,352	19,256	773,554	38,222	45,954	785,604
Of which: debt securities	7,227	3,678	128,237	...	...	...
Local positions in foreign currencies	2,067	1,185	54,148	3,152	-2,856	59,689
By sector of counterparty						
Banks	-709	240	1,467	-987	-19	1,162
Of which: intragroup	\	\	\	\	\	\
Non-banks	1,962	-152	46,161	534	-467	52,788
Of which: non-bank financial	1,646	-766	21,352	-215	-422	23,712
Of which: non-financial	315	613	24,809	749	-45	29,076
Unallocated	814	1,098	6,520	3,605	-2,370	5,739
By currency						
Of which: US dollar	-799	1,033	37,826	1,539	-1,386	47,531
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	1,096	24	46,554	-453	-487	53,950
Of which: debt securities	127	59	852	...	...	...
Local positions in local currency	50,383	-2,822	1,630,638	30,786	-16,753	1,037,178
Unallocated by type of position	\	\	\	22,876	-4,852	610,092
By currency						
Of which: local currency	\	\	\	12,675	-605	330,691
Of which: US dollar	-7	6	129	7,458	2,119	176,085
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	\	\	\	0	\	\
Of which: debt securities	\	\	\	18,967	-6,668	588,438

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	13,716	12,841	586,644	12,551	10,580	536,765
Cross-border positions	7,531	7,922	174,229	4,174	5,052	210,604
Of which: local currency	4,616	314	28,229	1,661	-2,491	59,826
Local positions	6,187	4,910	412,375	8,377	5,528	326,161
Of which: local currency	\	\	\	\	\	\
Unallocated	-3	9	40	-	0	0
Of which: local currency	\	-	0	0	\	\
Cross-border positions	7,531	7,922	174,229	4,174	5,052	210,604
By sector of counterparty						
Banks	1,415	11,561	98,596	954	10,740	133,755
Of which: intragroup	9,648	756	46,166	-173	7,943	109,124
Non-banks	4,283	-3,847	59,857	-2,991	-444	22,360
Of which: non-bank financial	2,008	-1,450	25,613	-1,409	-470	4,405
Of which: non-financial	2,275	-2,397	34,245	-1,582	26	17,955
Unallocated	1,833	208	15,775	6,211	-5,244	54,488
By currency						
Local currency	4,616	314	28,229	1,661	-2,491	59,826
Foreign currencies	\	\	\	\	\	\
Of which: US dollar	6,848	-1,820	64,263	1,768	632	71,198
Of which: euro	129	8,633	47,822	-97	8,505	52,594
Of which: yen	141	157	2,066	26	103	2,434
Of which: pound sterling	-3,673	32	4,794	1,276	-1,067	9,555
Of which: Swiss franc	-16	-36	693	-213	-409	916
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	6,593	6,780	106,939	-2,709	9,730	142,092
Of which: debt securities	230	1,400	30,066	4,771	-4,692	42,427
Local positions in foreign currencies	-3,725	307	30,648	-287	420	28,025
By sector of counterparty						
Banks	-512	1	1,390	-1,699	647	2,530
Of which: intragroup	\	\	\	\	\	\
Non-banks	-409	418	28,088	-36	-273	15,452
Of which: non-bank financial	-837	-426	3,961	866	-1,030	4,429
Of which: non-financial	429	844	24,127	-902	757	11,023
Unallocated	-2,805	-112	1,170	1,448	47	10,042
By currency						
Of which: US dollar	168	-194	13,754	2,008	-215	7,716
Of which: euro	-3,867	1,003	7,741	-3,103	649	12,523
By instrument						
Of which: loans and deposits	-86	330	24,890	446	-632	14,079
Of which: debt securities	\	\	\	\	\	\
Local positions in local currency	\	\	\	\	\	\
Unallocated by type of position	-3	9	40	-	0	0
By currency						
Of which: local currency	\	-	0	0	\	\
Of which: US dollar	\	\	\	\	0	0
Of which: euro	\	\	\	\	0	0
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	\	\	\	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-1,508	-128	57,874	-2,066	82	50,945
Cross-border positions	-1,528	-67	56,972	-1,471	117	49,762
Of which: local currency	...	...	...	...	...	...
Local positions	-39	-45	361	-595	-34	1,174
Of which: local currency	...	...	...	...	...	...
Unallocated	59	-16	541	-	-1	9
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-1,528	-67	56,972	-1,471	117	49,762
By sector of counterparty						
Banks	-2,355	417	33,516	-906	625	25,165
Of which: intragroup	-903	329	14,474	1,280	362	7,568
Non-banks	827	-484	23,456	-565	-508	24,597
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-1,528	-67	56,972	-1,471	117	49,762
Of which: US dollar	-1,528	-67	56,972	-1,471	117	49,762
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	-906	399	43,862	357	177	33,759
Of which: debt securities	475	-482	7,829	-741	11	15,471
Local positions in foreign currencies	-39	-45	361	-595	-34	1,174
By sector of counterparty						
Banks	-39	-30	232	-4	23	192
Of which: intragroup	...	...	...	...	...	...
Non-banks	-	-15	129	-591	-57	982
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-39	-45	361	-595	-34	1,174
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-4	-6	172	-592	-57	979
Of which: debt securities	-26	-49	164	10	11	144
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	59	-16	541	-	-1	9
By currency						
Of which: local currency	...	...	...	...	...	...
Of which: US dollar	59	-16	541	-	-1	9
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	60	-3	437	...	...	...
Of which: debt securities	-3	-13	102	-	-1	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-4,045	-2,152	457,166	-3,974	-291	403,193
Cross-border positions	-1,739	119	73,360	220	1,096	73,266
Of which: local currency	-2,683	1,496	58,032	488	1,912	60,214
Local positions	-2,306	-2,271	383,806	-4,194	-1,387	329,927
Of which: local currency	-2,294	-2,037	381,648	-4,594	-663	324,542
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-1,739	119	73,360	220	1,096	73,266
By sector of counterparty						
Banks	-2,325	-274	36,455	-514	-468	50,776
Of which: intragroup	\	\	\	\	\	\
Non-banks	586	393	36,904	734	1,564	22,102
Of which: non-bank financial	-115	-272	15,402	508	1,505	8,841
Of which: non-financial	701	664	21,502	226	59	13,260
Unallocated	...	...	...	-	-	389
By currency						
Local currency	-2,683	1,496	58,032	488	1,912	60,214
Foreign currencies	945	-1,378	15,327	-268	-817	13,052
Of which: US dollar	407	-1,225	10,654	-231	-605	11,964
Of which: euro	...	...	...	...	...	...
Of which: yen	162	-111	269	-4	2	7
Of which: pound sterling	178	-131	1,271	-33	-20	382
Of which: Swiss franc	8	17	191	-5	-5	29
Of which: other currencies	190	73	2,943	5	-189	671
By instrument						
Of which: loans and deposits	-2,281	-527	35,793	-660	1,169	65,600
Of which: debt securities	596	955	20,033	-	-	389
Local positions in foreign currencies	-12	-234	2,159	400	-724	5,384
By sector of counterparty						
Banks	-58	-203	480	169	-433	596
Of which: intragroup	\	\	\	\	\	\
Non-banks	46	-31	1,679	271	-289	4,752
Of which: non-bank financial	17	13	339	-45	-227	468
Of which: non-financial	29	-44	1,340	316	-62	4,285
Unallocated	...	...	...	-40	-1	36
By currency						
Of which: US dollar	13	-251	1,925	345	-671	4,519
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-100	-187	1,270	420	-730	5,235
Of which: debt securities	67	-58	643	-40	-1	36
Local positions in local currency	-2,294	-2,037	381,648	-4,594	-663	324,542
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-12,596	-11,517	1,295,715	-18,394	-12,335	1,193,201
Cross-border positions	-7,349	-2,031	239,926	-4,384	-564	171,374
Of which: local currency	-754	1,064	24,040	217	3,780	53,783
Local positions	-5,246	-9,486	1,055,788	-14,010	-11,771	1,021,828
Of which: local currency	-2,375	-3,033	802,453	-9,141	1,041	733,616
Unallocated	\	\	\	\	0	0
Of which: local currency	0	\	\	\	0	0
Cross-border positions	-7,349	-2,031	239,926	-4,384	-564	171,374
By sector of counterparty						
Banks	-9,530	-4,703	91,904	-2,284	-2,031	60,917
Of which: intragroup	-56	36	482	-121	-44	8,672
Non-banks	7,940	3,925	143,436	-1,329	1,231	106,361
Of which: non-bank financial	4,414	2,111	56,640	853	-537	68,373
Of which: non-financial	3,526	1,814	86,796	-2,183	1,768	37,987
Unallocated	-5,759	-1,253	4,586	-771	236	4,096
By currency						
Local currency	-754	1,064	24,040	217	3,780	53,783
Foreign currencies	-6,595	-3,095	215,886	-4,601	-4,344	117,591
Of which: US dollar	-7,781	-5,318	163,353	-4,390	-3,458	94,218
Of which: euro	-1,428	-516	33,994	-989	-950	16,779
Of which: yen	-187	-17	365	-7	-1	463
Of which: pound sterling	10	327	1,081	30	72	204
Of which: Swiss franc	821	391	4,278	32	243	2,353
Of which: other currencies	1,970	2,038	12,817	723	-250	3,574
By instrument						
Of which: loans and deposits	-9,653	-3,763	152,937	-4,336	-2,393	119,045
Of which: debt securities	1,558	1,527	51,574	-610	106	5,465
Local positions in foreign currencies	-2,871	-6,453	253,335	-4,870	-12,812	288,211
By sector of counterparty						
Banks	-794	-491	40,642	-6,056	-4,419	48,991
Of which: intragroup	...	...	...	...	...	...
Non-banks	6,555	-4,555	201,609	20,168	12,110	234,687
Of which: non-bank financial	2,198	-30,345	32,488	523	-924	5,045
Of which: non-financial	4,357	25,790	169,121	19,645	13,034	229,642
Unallocated	-8,632	-1,408	11,085	-18,982	-20,502	4,533
By currency						
Of which: US dollar	-2,828	-9,500	215,519	-1,167	-10,227	233,713
Of which: euro	22	2,151	34,517	-3,446	-2,076	48,506
By instrument						
Of which: loans and deposits	1,207	-7,370	205,679	-1,636	-12,520	265,625
Of which: debt securities	666	1,676	18,786	-683	-169	2,796
Local positions in local currency	-2,375	-3,033	802,453	-9,141	1,041	733,616
Unallocated by type of position	\	\	\	\	0	0
By currency						
Of which: local currency	0	\	\	\	0	0
Of which: US dollar	\	0	0	0	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	\	\	\
Of which: debt securities	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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-4,096	15,554	1,191,936	-2,535	23,575	1,191,936
Cross-border positions	-15,392	5,986	721,152	1,997	-6,450	685,889
Of which: local currency	...	...	...	...	...	...
Local positions	-1,434	9,347	380,400	-9,640	19,330	318,278
Of which: local currency	...	...	...	...	...	...
Unallocated	\	\	\	\	\	\
Of which: local currency	...	...	...	...	...	...
Cross-border positions	-15,392	5,986	721,152	1,997	-6,450	685,889
By sector of counterparty						
Banks	2,012	-1,139	334,942	-732	-9,188	446,587
Of which: intragroup	\	\	\	...	...	...
Non-banks	-10,739	129	268,080	2,729	2,738	239,303
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	-6,665	6,997	118,131	...	\	\
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	-15,392	5,986	721,152	1,997	-6,450	685,889
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	-8,727	-1,011	603,022	1,997	-6,450	685,889
Of which: debt securities	\	\	\	...	...	...
Local positions in foreign currencies	-1,434	9,347	380,400	-9,640	19,330	318,278
By sector of counterparty						
Banks	-1,555	3,990	216,490	-7,718	14,916	152,070
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,595	6,159	141,230	-1,922	4,414	166,208
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	1,716	-802	22,679	...	...	...
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	-9,640	19,330	318,278
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-23,037	13,268	327,121	-23,285	13,703	332,868
Cross-border positions	-7,587	-248	42,696	-7,048	-1,025	36,242
Of which: local currency	-5,879	342	9,540	-1,308	-827	14,094
Local positions	-15,448	13,517	284,426	-16,236	14,729	296,626
Of which: local currency	-16,133	13,073	274,180	-15,457	15,202	284,444
Unallocated	-2	0	-1	-1	\	\
Of which: local currency	\	\	\	-1	1	1
Cross-border positions	-7,587	-248	42,696	-7,048	-1,025	36,242
By sector of counterparty						
Banks	-6,087	-67	28,667	-5,705	-671	29,005
Of which: intragroup	-3,887	1,492	13,875	-2,671	1,009	15,581
Non-banks	-1,478	-301	13,835	-1,296	-403	6,232
Of which: non-bank financial	-616	-283	3,543	-1,181	-606	3,423
Of which: non-financial	-861	-18	10,292	-115	203	2,809
Unallocated	-22	119	194	-47	49	1,005
By currency						
Local currency	-5,879	342	9,540	-1,308	-827	14,094
Foreign currencies	-1,708	-590	33,156	-5,740	-198	22,148
Of which: US dollar	-1,617	193	26,820	-5,417	-613	16,496
Of which: euro	242	-427	2,768	43	23	2,119
Of which: yen	-28	-8	127	-22	64	130
Of which: pound sterling	375	203	1,435	-133	179	1,865
Of which: Swiss franc	3	53	92	-45	8	617
Of which: other currencies	-683	-604	1,914	-167	142	921
By instrument						
Of which: loans and deposits	-2,149	1,055	29,408	-3,365	-93	23,114
Of which: debt securities	-526	-347	3,170	-109	-132	1,913
Local positions in foreign currencies	685	444	10,246	-780	-473	12,182
By sector of counterparty						
Banks	840	-205	4,428	98	-124	3,514
Of which: intragroup	\	...	...	\	...	...
Non-banks	-152	653	5,804	-857	-349	8,667
Of which: non-bank financial	-9	-3	769	319	-503	937
Of which: non-financial	-143	655	5,035	-1,176	154	7,730
Unallocated	-3	-4	14	-21	-1	1
By currency						
Of which: US dollar	419	12	8,606	-756	-8	10,379
Of which: euro	-112	508	957	85	-393	1,112
By instrument						
Of which: loans and deposits	1,222	271	6,450	1,298	20	8,963
Of which: debt securities	-207	318	1,990	107	-22	106
Local positions in local currency	-16,133	13,073	274,180	-15,457	15,202	284,444
Unallocated by type of position	-2	0	-1	-1	\	\
By currency						
Of which: local currency	\	\	\	-1	1	1
Of which: US dollar	\	\	\	\	1	1
Of which: euro	-1	0	-1	\	\	\
By instrument						
Of which: loans and deposits	\	\	\	0	0	1
Of which: debt securities	\	\	\	\	\	\

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-50,361	33,887	2,570,370	-41,287	39,140	2,468,244
Cross-border positions	7,637	6,250	425,688	14,017	-8,148	330,036
Of which: local currency	1,763	5,983	246,875	13,248	-5,416	269,351
Local positions	-57,999	27,637	2,144,681	-38,981	44,865	1,894,486
Of which: local currency	-57,338	26,489	2,119,310	-38,586	43,070	1,854,470
Unallocated	0	0	0	-16,323	2,424	243,722
Of which: local currency	0	0	0	-16,339	3,520	231,775
Cross-border positions	7,637	6,250	425,688	14,017	-8,148	330,036
By sector of counterparty						
Banks	2,041	1,634	181,376	786	2,973	254,468
Of which: intragroup	-1,807	4,753	89,581	-1,998	-1,196	74,379
Non-banks	5,596	4,616	244,312	13,231	-11,121	75,568
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Local currency	1,763	5,983	246,875	13,248	-5,416	269,351
Foreign currencies	5,875	267	178,813	768	-2,732	60,685
Of which: US dollar	1,814	520	99,766	531	-1,695	52,862
Of which: euro	...	...	...	...	...	...
Of which: yen	566	-592	496	-19	7	412
Of which: pound sterling	2,001	-756	28,306	-97	-940	5,996
Of which: Swiss franc	-125	217	2,848	-104	-12	382
Of which: other currencies	1,619	878	47,397	457	-92	1,033
By instrument						
Of which: loans and deposits	488	10,565	210,751	14,017	-8,148	330,036
Of which: debt securities	3,819	-4,566	92,069	...	...	...
Local positions in foreign currencies	-661	1,147	25,371	-395	1,795	40,016
By sector of counterparty						
Banks	-289	804	3,583	-490	1,042	7,922
Of which: intragroup	...	...	...	...	...	...
Non-banks	-372	343	21,788	94	752	32,094
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
By currency						
Of which: US dollar	-299	985	15,554	-1,129	1,736	33,351
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	-772	1,248	21,249	-395	1,795	40,016
Of which: debt securities	107	-97	4,122	...	...	...
Local positions in local currency	-57,338	26,489	2,119,310	-38,586	43,070	1,854,470
Unallocated by type of position	0	0	0	-16,323	2,424	243,722
By currency						
Of which: local currency	0	0	0	-16,339	3,520	231,775
Of which: US dollar	0	0	0	-47	-773	9,253
Of which: euro	...	...	...	...	...	...
By instrument						
Of which: loans and deposits	0	0	0	0	0	0
Of which: debt securities	0	0	0	-16,323	2,424	243,722

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	52,708	20,438	1,333,211	55,908	16,601	1,272,748
Cross-border positions	28,322	-10,319	421,375	28,568	2,573	252,638
Of which: local currency	12,058	-16	70,552	8,870	-323	80,292
Local positions	24,373	30,735	911,782	27,084	15,003	699,182
Of which: local currency	22,982	26,164	865,874	23,122	16,509	663,644
Unallocated	13	22	54	257	-974	320,928
Of which: local currency	13	22	54	-2,183	378	18,583
Cross-border positions	28,322	-10,319	421,375	28,568	2,573	252,638
By sector of counterparty						
Banks	23,083	-13,410	308,196	22,577	1,075	200,710
Of which: intragroup	19,902	-8,990	222,450	15,874	1,832	93,588
Non-banks	5,239	3,091	113,179	5,990	1,498	51,928
Of which: non-bank financial	3,900	539	40,175	4,024	2,069	27,681
Of which: non-financial	1,339	2,552	73,004	1,966	-571	24,247
Unallocated	\	\	\	\	\	\
By currency						
Local currency	12,058	-16	70,552	8,870	-323	80,292
Foreign currencies	16,264	-10,303	350,822	19,698	2,896	172,345
Of which: US dollar	-6,236	-4,193	95,977	11,239	10,678	80,522
Of which: euro	16,207	-5,257	156,990	5,475	-4,203	67,495
Of which: yen	1,072	476	3,646	-209	252	479
Of which: pound sterling	-1,379	1,748	20,182	415	-526	9,749
Of which: Swiss franc	-304	813	6,555	-181	-783	386
Of which: other currencies	6,904	-3,890	67,473	2,958	-2,523	13,715
By instrument						
Of which: loans and deposits	19,718	-10,656	287,461	22,966	6,749	197,602
Of which: debt securities	-313	-2,301	28,297	...	...	...
Local positions in foreign currencies	1,391	4,571	45,908	3,961	-1,506	35,539
By sector of counterparty						
Banks	-49	1,316	12,829	1,835	384	14,329
Of which: intragroup	-962	423	3,608	-1,183	1,710	5,436
Non-banks	1,440	3,255	33,079	2,073	-1,847	21,166
Of which: non-bank financial	2,208	874	4,425	904	-603	4,333
Of which: non-financial	-767	2,381	28,654	1,169	-1,245	16,832
Unallocated	0	\	\	53	-43	44
By currency						
Of which: US dollar	908	2,023	18,193	2,774	-1,011	13,828
Of which: euro	-37	2,095	20,513	295	-101	15,963
By instrument						
Of which: loans and deposits	1,655	1,253	26,699	1,808	-1,682	18,282
Of which: debt securities	133	-296	5,009	53	-43	44
Local positions in local currency	22,982	26,164	865,874	23,122	16,509	663,644
Unallocated by type of position	13	22	54	257	-974	320,928
By currency						
Of which: local currency	13	22	54	-2,183	378	18,583
Of which: US dollar	0	0	0	2,561	-1,482	125,358
Of which: euro	0	-	0	3,468	79	121,418
By instrument						
Of which: loans and deposits	\	\	\	0	\	\
Of which: debt securities	\	0	0	341	-1,032	320,819

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-31,699	26,663	2,280,377	-25,675	26,252	2,283,209
Cross-border positions	-53,167	20,879	815,979	-42,332	27,509	887,279
Of which: local currency	1,785	4,575	193,271	-21,647	21,449	214,664
Local positions	20,493	6,608	1,454,323	16,165	-3,535	1,106,718
Of which: local currency	17,204	1,208	1,378,705	8,271	-4,339	922,915
Unallocated	974	-825	10,075	491	2,278	289,213
Of which: local currency	954	-805	8,830	-282	-1,072	257,904
Cross-border positions	-53,167	20,879	815,979	-42,332	27,509	887,279
By sector of counterparty						
Banks	-51,908	16,536	477,506	-46,633	33,162	427,607
Of which: intragroup	-62,642	14,573	182,652	-53,456	14,653	194,037
Non-banks	-1,482	6,044	337,321	4,431	-3,925	460,618
Of which: non-bank financial	-5,327	1,982	162,991	-2,181	-1,136	182,816
Of which: non-financial	3,845	4,062	174,329	6,612	-2,789	277,802
Unallocated	224	-1,701	1,152	-129	-1,729	-946
By currency						
Local currency	1,785	4,575	193,271	-21,647	21,449	214,664
Foreign currencies	-54,951	16,305	622,708	-20,684	6,060	672,615
Of which: US dollar	1,063	10,115	378,449	-17,935	5,706	444,414
Of which: euro	-10,488	6,917	164,010	2,551	-2,006	153,787
Of which: yen	-6,186	-750	8,403	-2,687	-119	4,416
Of which: pound sterling	-34,693	-198	43,013	3,332	1,529	42,962
Of which: Swiss franc	...	...	...	...	...	...
Of which: other currencies	-4,647	221	28,833	-5,945	950	27,036
By instrument						
Of which: loans and deposits	-61,190	16,133	421,252	-48,312	27,850	707,969
Of which: debt securities	4,194	88	116,629	...	...	...
Local positions in foreign currencies	3,289	5,401	75,618	7,895	804	183,803
By sector of counterparty						
Banks	2,007	2,075	35,664	2,439	-623	39,105
Of which: intragroup	695	77	5,042	-224	-411	4,720
Non-banks	1,321	2,524	38,793	5,050	872	143,168
Of which: non-bank financial	-54	-327	10,258	2,670	214	51,794
Of which: non-financial	1,375	2,851	28,535	2,380	659	91,374
Unallocated	-38	802	1,161	405	554	1,530
By currency						
Of which: US dollar	1,839	851	43,680	5,689	-942	90,016
Of which: euro	447	5,039	25,005	1,101	1,264	71,527
By instrument						
Of which: loans and deposits	3,575	2,968	67,288	8,855	1,213	158,386
Of which: debt securities	124	254	1,049	...	...	...
Local positions in local currency	17,204	1,208	1,378,705	8,271	-4,339	922,915
Unallocated by type of position	974	-825	10,075	491	2,278	289,213
By currency						
Of which: local currency	954	-805	8,830	-282	-1,072	257,904
Of which: US dollar	-23	35	765	541	2,571	21,690
Of which: euro	9	-28	370	20	821	8,944
By instrument						
Of which: loans and deposits	-3	0	0	0	0	0
Of which: debt securities	\	\	\	531	3,566	64,430

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	11,993	3,197	277,272	12,983	-1,636	343,702
Cross-border positions	3,094	774	30,577	3,202	-1,239	122,873
Of which: local currency	-242	2,541	5,260	2,279	-707	10,580
Local positions	8,717	1,821	240,378	10,300	-4,627	172,870
Of which: local currency	...	...	...	...	...	...
Unallocated	182	603	6,318	-518	4,231	47,959
Of which: local currency	49	172	2,348	315	1,046	4,161
Cross-border positions	3,094	774	30,577	3,202	-1,239	122,873
By sector of counterparty						
Banks	3,375	306	24,094	3,397	-912	106,400
Of which: intragroup	2,565	1,926	12,595	1,086	386	9,302
Non-banks	-281	468	6,483	-195	-328	16,473
Of which: non-bank financial	-16	72	983	-278	232	7,536
Of which: non-financial	-266	395	5,500	83	-560	8,937
Unallocated	...	...	...	...	0	0
By currency						
Local currency	-242	2,541	5,260	2,279	-707	10,580
Foreign currencies	3,335	-1,767	25,317	923	-533	112,294
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	3,099	633	25,528	3,202	-1,239	122,873
Of which: debt securities	-120	59	826	...	...	...
Local positions in foreign currencies	8,717	1,821	240,378	10,300	-4,627	172,870
By sector of counterparty						
Banks	7,096	-866	87,966	1,892	-1,008	16,917
Of which: intragroup	...	...	...	0	1	1
Non-banks	1,621	2,687	152,412	8,369	-3,580	155,953
Of which: non-bank financial	434	322	16,783	-230	186	1,857
Of which: non-financial	1,187	2,365	135,628	8,599	-3,765	154,096
Unallocated	\	...	...	39	-39	0
By currency						
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	8,100	2,597	225,746	10,300	-4,627	172,870
Of which: debt securities	617	-776	14,632	...	...	...
Local positions in local currency	...	...	...	...	...	...
Unallocated by type of position	182	603	6,318	-518	4,231	47,959
By currency						
Of which: local currency	49	172	2,348	315	1,046	4,161
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	182	603	6,318	122	1,008	17,077
Of which: debt securities	0	0	0	-640	3,223	30,882

Banks located in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	-88,726	247,699	10,856,347	-82,540	227,373	10,147,388
Cross-border positions	-100,460	151,310	4,613,509	-54,031	126,244	4,649,155
Of which: local currency	5,796	27,123	440,989	-14,537	9,848	667,516
Local positions	11,734	96,389	6,242,838	-28,509	101,128	5,498,233
Of which: local currency	32,516	80,500	5,284,667	-14,469	86,920	4,408,499
Unallocated	\	\	\	0	\	\
Of which: local currency	\	\	\	-1	\	\
Cross-border positions	-100,460	151,310	4,613,509	-54,031	126,244	4,649,155
By sector of counterparty						
Banks	-80,462	127,049	2,435,943	-26,865	3,036	2,290,939
Of which: intragroup	-46,900	95,172	1,756,233	-53,086	-2,233	1,456,475
Non-banks	-12,426	28,253	2,138,222	-13,524	105,266	1,521,589
Of which: non-bank financial	12,941	13,099	1,245,602	-9,647	81,196	1,099,123
Of which: non-financial	-25,366	15,154	892,621	-3,876	24,069	422,466
Unallocated	-7,572	-3,992	39,344	-13,643	17,942	836,627
By currency						
Local currency	5,796	27,123	440,989	-14,537	9,848	667,516
Foreign currencies	-106,257	124,187	4,172,520	-39,494	116,396	3,981,639
Of which: US dollar	-75,508	58,930	2,044,137	-2,326	68,002	2,020,011
Of which: euro	-18,999	45,474	1,487,732	-23,479	54,870	1,472,688
Of which: yen	7,421	-4,157	220,425	-7,090	-14,551	162,970
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	-20,727	15,877	86,615	-1,760	1,382	46,114
Of which: other currencies	1,555	8,064	333,611	-4,838	6,693	279,856
By instrument						
Of which: loans and deposits	-30,207	163,946	3,890,214	-46,981	109,633	3,812,849
Of which: debt securities	-12,617	-20,862	569,256	-7,164	16,613	835,166
Local positions in foreign currencies	-20,782	15,890	958,171	-14,040	14,207	1,089,734
By sector of counterparty						
Banks	-32,169	-8,081	401,757	-37,377	-5,949	397,366
Of which: intragroup	-26,791	-24,313	250,138	-27,950	-22,952	249,546
Non-banks	11,785	20,850	508,245	37,665	15,307	536,464
Of which: non-bank financial	11,210	22,155	440,634	40,302	10,317	431,428
Of which: non-financial	-3,050	2,796	67,611	-6,291	9,608	105,036
Unallocated	-398	3,121	48,169	-14,328	4,849	155,904
By currency						
Of which: US dollar	-1,753	19,034	444,716	-6,893	14,844	458,814
Of which: euro	-21,357	-9,628	398,612	-12,172	-5,145	427,030
By instrument						
Of which: loans and deposits	-17,419	20,253	910,115	-10,616	13,898	989,542
Of which: debt securities	-1,848	-3,835	34,960	-3,677	534	100,038
Local positions in local currency	32,516	80,500	5,284,667	-14,469	86,920	4,408,499
Unallocated by type of position	\	\	\	0	\	\
By currency						
Of which: local currency	\	\	\	-1	\	\
Of which: US dollar	\	\	\	\	\	\
Of which: euro	\	\	\	\	1	1
By instrument						
Of which: loans and deposits	\	\	\	2	\	\
Of which: debt securities	\	\	\	1	\	\

Banks located in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Total	10,348	113,733	2,789,497	-4,597	124,935	3,422,810
Cross-border positions	10,348	113,733	2,789,497	-4,597	124,935	3,422,810
Of which: local currency	11,831	100,413	2,519,452	-8,155	121,272	3,254,854
Local positions	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Unallocated	...	...	...	...	...	...
Of which: local currency	...	...	...	...	...	...
Cross-border positions	10,348	113,733	2,789,497	-4,597	124,935	3,422,810
By sector of counterparty						
Banks	-52,089	69,343	1,681,273	-46,636	61,760	2,109,782
Of which: intragroup	-41,463	61,467	1,341,634	-53,437	73,357	1,563,852
Non-banks	62,437	44,390	1,108,224	42,039	63,175	1,313,028
Of which: non-bank financial	58,426	22,662	700,189	35,638	44,339	831,992
Of which: non-financial	4,011	21,727	408,035	6,401	18,835	481,036
Unallocated	\	\	\	\	\	\
By currency						
Local currency	11,831	100,413	2,519,452	-8,155	121,272	3,254,854
Foreign currencies	-1,483	13,320	270,045	3,558	3,663	167,956
Of which: US dollar	...	...	...	...	...	...
Of which: euro	6,353	-49	93,997	8,496	1,598	63,913
Of which: yen	-3,940	3,112	46,936	4,420	-1,522	40,561
Of which: pound sterling	-4,952	76	25,873	-5,827	-349	16,804
Of which: Swiss franc	-300	-89	4,385	-166	-272	3,531
Of which: other currencies	1,357	10,269	98,854	-3,366	4,208	43,147
By instrument						
Of which: loans and deposits	14,791	114,981	2,782,158	-3,961	119,690	3,309,897
Of which: debt securities	1,055	-133	7,339	-636	5,245	112,913
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

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	417,008	489,341	28,380,812	354,883	614,723	25,735,955
By sector of counterparty						
Banks	-52,132	350,548	15,151,977	51,152	260,733	14,279,720
Of which: intragroup	-124,073	319,603	9,359,257	-175,485	296,114	8,307,728
Non-banks	439,135	114,546	12,663,683	255,580	318,713	8,385,081
Of which: non-bank financial	191,991	140,892	4,933,133	161,264	281,301	4,008,522
Of which: non-financial	221,898	-33,552	6,335,086	47,040	45,154	3,240,425
Unallocated	30,005	24,247	565,153	48,150	35,277	3,071,154
By currency						
US dollar	157,939	339,712	13,887,114	153,474	358,204	13,017,351
Euro	257,886	48,351	8,280,542	222,704	229,191	7,379,384
Yen	21,457	-16,226	1,692,113	39,115	-23,226	898,952
Pound sterling	-28,545	39,755	1,243,338	-12,684	11,288	1,322,150
Swiss franc	-39,407	31,663	521,790	-27,420	18,935	400,621
Other currencies	26,530	27,494	1,029,440	-24,440	12,644	1,441,792
Unallocated	21,149	18,593	1,726,474	4,135	7,686	1,275,703
By instrument						
Loans and deposits	112,308	480,682	19,233,371	244,746	548,636	20,095,160
By sector of counterparty						
Banks	-122,676	315,674	11,823,488	4,571	259,825	12,542,882
Of which: intragroup	-138,419	255,019	6,757,060	-176,343	248,160	6,312,992
Non-banks	241,645	165,597	7,405,289	247,906	283,209	7,426,970
Of which: non-bank financial	176,260	71,943	2,875,161	148,803	220,490	3,380,448
Of which: non-financial	56,788	64,817	3,155,139	61,102	58,629	2,788,407
Unallocated	-6,662	-589	4,594	-7,730	5,602	125,308
Debt securities	238,517	-57,955	6,087,000	-30,787	27,229	3,275,383
Other instruments	71,915	68,391	2,930,349	139,302	39,103	2,251,793
Unallocated	-5,731	-1,777	130,092	1,621	-245	113,618
By location of banking office						
Australia	22,607	7,498	471,689	26,887	6,660	748,002
Austria	11,222	-7,001	269,569	349	-2,559	172,041
Belgium	68,429	10,169	649,069	54,016	7,972	529,740
Brazil	1,359	4,546	92,886	-5,994	-4,750	135,745
Canada	-1,339	30,058	544,342	-16,785	34,907	461,604
Chile	-1,143	956	18,667	-761	-1,821	27,678
Chinese Taipei	10,260	9,369	370,535	-1,366	5,924	185,941
Denmark	14,845	2,970	239,701	19,878	-6,907	191,531
Finland	17,699	-12,418	279,561	48,485	-6,821	395,448
France	105,858	9,022	2,232,282	91,429	83,996	2,283,273
Germany	15,053	31,809	2,152,981	56,819	88,393	1,696,443
Greece	-1,802	-10,769	92,574	4,968	5,522	29,740
Guernsey	412	1,842	142,188	290	1,572	90,867
Hong Kong SAR	-7,022	11,810	1,273,758	-3,078	38,913	1,046,014
Ireland	6,092	-9,172	311,259	-943	-5,582	276,412
Isle of Man	-1,100	-330	52,965	-1,233	212	41,436
Japan	129,555	71,408	3,503,802	93,108	27,414	1,381,654
Jersey	-3,832	-5,584	152,213	-5,200	-5,329	97,883
Korea	6,315	2,158	217,277	-6,444	3,961	236,944
Luxembourg	22,468	5,192	647,289	23,030	-4,564	435,558
Macao SAR	-1,565	4,281	107,924	-4,182	2,842	74,012
Mexico	5,157	-4,178	15,093	2,217	-667	24,476
Netherlands	82,543	45,130	1,221,692	85,393	66,259	1,079,662
South Africa	-7,587	-248	42,696	-7,048	-1,025	36,242
Spain	7,637	6,250	425,688	14,017	-8,148	330,036
Sweden	28,322	-10,319	421,375	28,568	2,573	252,638
Switzerland	-53,167	20,879	815,979	-42,332	27,509	887,279
United Kingdom	-100,460	151,310	4,613,509	-54,031	126,244	4,649,155
United States	10,348	113,733	2,789,497	-4,597	124,935	3,422,810

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	3,723	128	18,762	-437	-644	23,998
By sector of counterparty						
Banks	3,352	-58	7,039	257	397	2,643
Of which: intragroup	-23	133	1,113	39	-10	222
Non-banks	363	-71	11,401	-699	-1,073	21,260
Of which: non-bank financial	175	47	1,027	69	-251	1,918
Of which: non-financial	104	-93	9,497	-606	-774	17,704
Unallocated	9	257	322	5	32	96
By currency						
US dollar	2,801	148	15,674	-374	-781	21,060
Euro	60	0	770	-44	-156	1,833
Yen	0	5	37	-9	291	335
Pound sterling	-2	-65	11	-1	-1	158
Swiss franc	2	13	86	12	2	193
Other currencies	12	60	132	2	0	118
Unallocated	852	-33	2,053	-23	2	302
By instrument						
Loans and deposits	3,654	-243	15,814	-503	-675	22,937
By sector of counterparty						
Banks	3,447	-343	5,473	75	416	2,201
Of which: intragroup	...	...	...	...	...	...
Non-banks	205	96	10,317	-585	-1,080	20,732
Of which: non-bank financial	174	15	962	56	-257	1,816
Of which: non-financial	87	1	8,590	-619	-776	17,270
Unallocated	2	4	24	7	-10	4
Debt securities	87	68	1,238	-2	22	93
Other instruments	-18	300	1,706	0	31	430
Unallocated	0	4	4	69	-22	538
By location of banking office						
Australia	1	-1	2	0	-2	17
Austria	-1	0	16	1	-1	29
Belgium	5	28	78	79	-103	201
Brazil	830	-417	1,044	0	-1	1
Canada	-7	-7	28	0	5	63
Chile	-6	244	265	9	-11	5
Chinese Taipei	-1	-1	1	0	0	19
Denmark	-1	3	7	0	0	14
Finland	\	0	0	\	\	\
France	30	20	446	-22	66	264
Germany	-33	-33	349	-1,036	-410	724
Greece	...	...	...	...	...	...
Guernsey	0	0	0	-1	-2	12
Hong Kong SAR	12	9	49	-22	-18	66
Ireland	0	0	0	0	11	23
Isle of Man	0	0	0	-2	0	30
Japan	6	79	241	-9	289	339
Jersey	-	5	6	-1	-4	117
Korea	-41	-66	83	-1	-4	24
Luxembourg	1	-36	65	10	-76	95
Macao SAR	\	...	...	0	0	0
Mexico	-42	-4	94	0	-	0
Netherlands	126	48	1,688	76	-12	163
South Africa	...	...	...	0	0	1
Spain	1,609	-77	1,810	-46	-16	1,116
Sweden	-8	0	0	0	0	5
Switzerland	-58	-25	740	-98	-114	5,721
United Kingdom	1,623	219	3,749	8	-36	181
United States	-231	-64	4,343	777	-295	12,880

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	8,714	12,980	424,207	-7,180	1,183	234,468
By sector of counterparty						
Banks	6,106	6,950	280,953	-10,854	-256	173,271
Of which: intragroup	7,719	1,115	97,560	8,096	-12,239	55,685
Non-banks	2,475	5,671	136,926	3,434	1,846	55,023
Of which: non-bank financial	1,779	875	30,662	2,260	1,566	27,270
Of which: non-financial	-110	5,916	90,295	883	-275	20,657
Unallocated	133	359	6,327	240	-407	6,174
By currency						
US dollar	7,509	654	205,786	-13,900	871	116,575
Euro	-5,189	-610	39,779	510	-192	15,319
Yen	-1,383	-619	16,737	1,107	-956	6,412
Pound sterling	-231	2,209	7,729	992	865	17,668
Swiss franc	247	-145	1,368	66	254	1,165
Other currencies	607	303	12,796	-378	175	16,346
Unallocated	7,153	11,190	140,013	4,423	166	60,983
By instrument						
Loans and deposits	4,637	9,864	261,883	-7,250	2,153	202,546
By sector of counterparty						
Banks	3,036	4,365	182,035	-10,798	624	149,880
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,589	5,448	79,693	3,283	2,003	51,796
Of which: non-bank financial	1,921	176	12,176	2,187	1,390	25,977
Of which: non-financial	209	977	37,508	713	-11	18,716
Unallocated	12	52	155	265	-474	871
Debt securities	3,311	1,333	137,567	-284	344	7,826
Other instruments	844	1,746	24,750	359	-1,302	23,871
Unallocated	-79	37	7	-5	-12	225
By location of banking office						
Australia	...	...	...	...	...	...
Austria	-1	14	551	4	-4	68
Belgium	135	3	1,642	4	-125	497
Brazil	-10	11	17	...	...	...
Canada	-15	782	7,663	1,401	-1,009	4,346
Chile	-6	-16	66	0	0	1
Chinese Taipei	1,795	1,808	12,618	-550	256	1,486
Denmark	-27	-137	430	-29	51	407
Finland	80	-15	611	60	52	758
France	384	108	11,353	1,532	538	16,608
Germany	-714	387	15,589	-375	366	1,688
Greece	...	...	...	...	...	...
Guernsey	-49	67	674	1	10	166
Hong Kong SAR	3,945	1,786	54,748	-339	-538	26,305
Ireland	-490	-98	2,425	-29	-16	177
Isle of Man	-21	35	130	26	-7	504
Japan	-1,709	5,807	84,920	-570	-2,106	6,246
Jersey	-15	7	300	-6	65	716
Korea	487	65	4,950	120	89	4,185
Luxembourg	245	101	3,989	-432	116	507
Macao SAR	79	107	3,555	-6	-45	293
Mexico	8	-10	0	-7	1	3
Netherlands	200	593	10,274	\	\	\
South Africa	-76	-22	521	-53	28	71
Spain	-97	72	482	-373	-449	220
Sweden	-226	-27	671	24	-53	558
Switzerland	465	-26	3,770	-206	273	1,721
United Kingdom	-3,472	3,472	66,276	-6,322	5,018	73,589
United States	7,269	1,116	56,741	3,458	-5,609	22,149

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	26,625	-1,328	388,073	26,305	11,338	455,568
By sector of counterparty						
Banks	25,281	-7,731	207,722	20,822	3,430	244,425
Of which: intragroup	17,122	2,933	117,259	8,734	2,632	136,791
Non-banks	-1,288	-1,731	147,085	2,019	6,258	67,021
Of which: non-bank financial	-1,939	1,612	20,516	1,437	856	13,086
Of which: non-financial	191	-2,669	121,294	615	5,180	51,903
Unallocated	2,633	8,134	33,265	3,465	1,650	144,122
By currency						
US dollar	11,307	35	79,273	10,862	-9,223	77,283
Euro	15,964	-2,319	288,097	11,455	17,421	314,422
Yen	-469	233	2,515	1,421	1,821	12,198
Pound sterling	-785	-83	7,415	1,503	-3,062	22,796
Swiss franc	210	324	2,529	50	594	4,069
Other currencies	290	271	2,124	470	204	5,673
Unallocated	108	211	6,119	545	3,583	19,128
By instrument						
Loans and deposits	13,546	-304	195,603	24,143	9,676	294,589
By sector of counterparty						
Banks	15,197	-1,410	126,986	22,152	3,370	227,960
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,655	1,093	68,555	1,998	6,216	66,525
Of which: non-bank financial	191	-809	9,566	1,415	849	13,009
Of which: non-financial	-2,748	2,526	49,046	634	5,157	51,456
Unallocated	3	13	62	-7	89	104
Debt securities	248	-2,209	90,945	581	150	117,207
Other instruments	13,596	1,736	99,666	1,580	1,448	43,553
Unallocated	-765	-551	1,858	2	64	219
By location of banking office						
Australia	-40	-2	167	6	72	611
Austria	162	-80	2,959	-1	-136	374
Belgium	...	...	...	...	...	...
Brazil	177	8	187	-1	15	40
Canada	\	107	322	67	-26	150
Chile	-2	4	5	-5	1	5
Chinese Taipei	-39	86	524	-25	2	114
Denmark	-270	-146	2,608	-62	467	1,679
Finland	-141	422	3,145	-351	-298	80,639
France	7,208	-10,114	87,059	420	7,634	81,476
Germany	1,974	274	37,145	-1,917	2,210	38,771
Greece	-62	14	91	7	4	42
Guernsey	27	-35	198	-4	3	20
Hong Kong SAR	-58	193	1,934	-69	114	2,847
Ireland	618	-741	8,564	-985	-1,285	10,363
Isle of Man	-76	-42	95	0	2	48
Japan	5,746	-4,548	35,220	7,221	-2,911	7,408
Jersey	-49	0	29	18	-19	97
Korea	23	3	243	131	-100	35
Luxembourg	632	334	20,648	416	1,006	13,008
Macao SAR	-40	2	4	-8	-7	17
Mexico	1	104	128	-2	2	4
Netherlands	9,556	14,526	100,731	10,724	11,275	100,895
South Africa	-279	-9	14	-37	7	130
Spain	1,135	-1,329	6,581	1,622	613	7,246
Sweden	-19	400	1,681	289	-202	1,197
Switzerland	-560	380	7,085	1,055	1,559	12,470
United Kingdom	-2,872	-2,025	41,967	5,165	-574	70,117
United States	3,973	393	11,801	1,550	-6,744	11,352

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-14,613	2,309	261,670	-6,732	74	96,127
By sector of counterparty						
Banks	-134	1,106	120,688	-5,895	4,148	63,250
Of which: intragroup	-187	6,726	49,671	219	8,855	13,455
Non-banks	-14,607	655	139,195	-830	-4,058	32,803
Of which: non-bank financial	-10,985	339	15,357	-931	236	7,754
Of which: non-financial	-540	1,629	83,269	-31	-1,165	20,504
Unallocated	127	547	1,787	-7	-17	74
By currency						
US dollar	-4,724	-2,022	211,366	5,001	2,701	87,121
Euro	609	-1,038	8,866	645	-1,347	6,307
Yen	-108	-264	2,580	-198	-384	1,207
Pound sterling	-26	-112	412	-82	-133	1,489
Swiss franc	355	-45	724	-11	-40	410
Other currencies	188	376	3,971	-40	128	464
Unallocated	-10,907	5,414	33,750	-12,046	-850	-872
By instrument						
Loans and deposits	-15,363	-2,848	186,285	-4,772	-697	64,105
By sector of counterparty						
Banks	-1,009	345	90,288	-4,160	3,522	33,705
Of which: intragroup	...	...	...	...	...	...
Non-banks	-14,373	-3,196	95,857	-616	-4,216	30,376
Of which: non-bank financial	-11,165	-148	11,558	-942	-40	7,426
Of which: non-financial	-670	97	64,603	-42	-1,412	20,110
Unallocated	20	3	140	4	-3	24
Debt securities	-2,861	2,305	53,638	-478	239	1,338
Other instruments	3,645	2,869	21,746	-1,503	563	30,508
Unallocated	-35	-18	2	22	-32	176
By location of banking office						
Australia	-85	564	1,035	-50	-63	68
Austria	50	-47	516	2	-30	49
Belgium	20	25	431	33	-134	344
Brazil	...	...	...	...	...	...
Canada	764	-474	6,767	40	91	218
Chile	-116	89	760	4	-12	7
Chinese Taipei	-23	-80	489	-1	1	13
Denmark	14	-13	37	14	-12	33
Finland	-16	47	228	-1	0	3
France	1,883	254	16,050	167	-77	846
Germany	-86	64	4,345	17	7	993
Greece	...	...	...	0	0	5
Guernsey	0	-4	1	1	4	15
Hong Kong SAR	6	-220	972	158	-210	280
Ireland	-24	-5	692	-4	-1	11
Isle of Man	0	-1	6	3	-4	86
Japan	-790	713	13,985	-181	-44	241
Jersey	-3	3	11	14	-15	194
Korea	100	291	2,765	-7	-16	74
Luxembourg	-1,348	-624	8,602	-855	-160	508
Macao SAR	18	5	39	-13	0	91
Mexico	141	-6	2,734	-7	1	1
Netherlands	197	578	5,500	-29	-74	303
South Africa	-67	-20	512	1	0	3
Spain	-476	642	11,628	-47	-15	870
Sweden	225	31	1,179	-12	2	20
Switzerland	326	-8	1,578	234	-94	3,356
United Kingdom	-12,191	1,324	18,431	-13,595	-432	5,570
United States	-327	2,666	95,406	2,546	8,711	37,537

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-29,123	11,694	455,872	-21,423	23,644	291,014
By sector of counterparty						
Banks	-30,978	1,206	272,148	-18,713	6,650	177,073
Of which: intragroup	-25,657	-401	97,418	-7,186	13,894	87,352
Non-banks	1,411	10,830	178,166	-1,776	17,428	105,537
Of which: non-bank financial	-4,087	6,861	59,860	-2,033	13,286	55,721
Of which: non-financial	6,239	4,079	111,341	247	3,811	43,302
Unallocated	444	-342	5,558	-935	-434	8,404
By currency						
US dollar	-34,139	-2,179	246,541	-17,896	19,035	210,202
Euro	6,754	2,619	54,003	-1,976	2,151	24,445
Yen	-42	1,716	7,006	693	742	3,806
Pound sterling	480	128	7,893	-1,468	-454	7,074
Swiss franc	29	-243	2,649	60	247	1,895
Other currencies	1,651	8,061	57,450	553	788	15,221
Unallocated	-3,856	1,591	80,329	-1,390	1,136	28,371
By instrument						
Loans and deposits	-47,154	7,471	315,912	-20,387	25,190	263,661
By sector of counterparty						
Banks	-43,187	-233	199,086	-18,796	7,798	161,160
Of which: intragroup	...	...	...	...	...	...
Non-banks	-3,934	7,687	116,774	-1,576	17,306	102,110
Of which: non-bank financial	-5,002	4,143	48,409	-2,003	12,783	54,018
Of which: non-financial	3,783	1,607	60,926	431	3,690	41,774
Unallocated	-33	17	52	-15	86	392
Debt securities	13,115	3,515	128,796	-1,021	30	4,866
Other instruments	6,800	859	11,159	-22	-1,530	22,026
Unallocated	-1,883	-151	5	6	-46	460
By location of banking office						
Australia	-722	-837	9,656	98	-1,332	4,247
Austria	352	-148	1,280	20	1	239
Belgium	385	671	4,153	200	466	1,357
Brazil	-4	-15	10	186	-161	897
Canada	...	...	...	...	...	...
Chile	-85	-89	216	-141	-154	1,390
Chinese Taipei	791	600	3,114	279	159	1,556
Denmark	61	-135	392	-14	-12	320
Finland	490	184	2,911	38	94	372
France	4,871	-2,209	18,789	1,379	19	14,351
Germany	1,365	524	23,495	-458	193	1,569
Greece	3	2	29	2	3	224
Guernsey	-4	-9	429	30	45	195
Hong Kong SAR	570	-571	16,819	-1,153	-224	6,366
Ireland	-145	-132	5,014	-435	-525	2,806
Isle of Man	-10	-1	72	10	-27	293
Japan	-1,311	4,959	44,678	723	1,917	3,753
Jersey	102	1	325	-53	-40	420
Korea	52	51	1,313	34	-60	887
Luxembourg	402	-69	5,230	133	-320	1,543
Macao SAR	17	51	184	-5	-4	72
Mexico	48	-51	93	26	-54	613
Netherlands	618	336	8,171	-54	-387	6,137
South Africa	-8	-27	156	17	-10	36
Spain	82	15	1,328	-2	-9	399
Sweden	169	-70	1,117	-30	120	347
Switzerland	239	-81	7,032	-214	255	3,544
United Kingdom	1,460	2,198	66,153	-8,586	2,164	54,812
United States	-28,155	9,824	184,262	-5,884	23,513	148,603

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-63,026	60,981	753,815	9,228	17,109	619,367
By sector of counterparty						
Banks	-35,150	45,577	458,446	8,224	1,037	403,003
Of which: intragroup	2,330	20,836	196,730	-6,779	32,517	179,625
Non-banks	-27,078	12,542	282,566	-1,923	16,057	211,256
Of which: non-bank financial	-2,062	3,452	29,324	-8,647	8,528	26,478
Of which: non-financial	-14,425	7,424	200,904	7,983	6,074	168,141
Unallocated	-798	2,862	12,804	2,927	15	5,109
By currency						
US dollar	-1,990	36,066	366,829	20,605	-3,886	335,713
Euro	2,040	11,732	40,912	-7,354	7,046	34,885
Yen	-1,801	2,302	13,095	1,001	1,266	15,002
Pound sterling	-814	398	2,262	2,569	-5,079	17,865
Swiss franc	-131	150	1,236	-363	34	1,271
Other currencies	-34,046	12,356	203,546	-561	13,200	146,567
Unallocated	-26,284	-2,023	125,934	-6,670	4,526	68,065
By instrument						
Loans and deposits	-41,900	44,203	552,028	7,615	7,306	536,660
By sector of counterparty						
Banks	-17,612	38,241	320,499	5,391	-4,020	328,616
Of which: intragroup	...	...	...	...	...	...
Non-banks	-23,621	5,884	231,200	-510	11,364	203,402
Of which: non-bank financial	-1,317	1,569	17,196	-7,157	3,677	21,351
Of which: non-financial	-11,476	3,080	151,867	8,234	6,063	165,082
Unallocated	-667	78	329	2,734	-38	4,642
Debt securities	-16,283	14,022	126,396	-44	-709	2,548
Other instruments	-4,831	2,750	75,391	1,660	10,513	80,048
Unallocated	-12	7	0	-4	-2	111
By location of banking office						
Australia	-836	5,474	42,505	-1,060	-615	14,886
Austria	-19	-78	1,329	86	-10	195
Belgium	-398	-88	717	-78	-363	975
Brazil	-48	-3	30	147	288	1,108
Canada	-2,528	775	6,328	2,966	1,245	11,911
Chile	12	581	766	-7	25	57
Chinese Taipei	-5,488	-3,799	57,927	130	2,499	5,425
Denmark	63	-42	290	151	-113	935
Finland	153	222	659	\	\	\
France	-2,514	6,828	29,178	-7,831	8,351	17,305
Germany	-336	929	16,882	262	1,525	14,538
Greece	...	...	...	0	-3	14
Guernsey	-3	1	11	0	-1	3
Hong Kong SAR	-25,213	28,986	320,086	9,524	10,459	262,107
Ireland	-9	0	22	207	-58	165
Isle of Man	0	-1	12	-15	342	471
Japan	1,693	1,790	46,381	5,200	-2,579	26,790
Jersey	-1	2	9	-1	-6	122
Korea	-5,919	4,796	35,722	1,417	1,839	19,948
Luxembourg	889	4,185	18,258	8,904	-4,198	10,074
Macao SAR	-1,276	1,327	24,241	-4,411	1,521	13,706
Mexico	-28	12	47	3	49	50
Netherlands	-232	1,844	7,525	1,750	\	\
South Africa	-464	-358	239	-441	357	1,758
Spain	40	-118	2,632	42	-13	178
Sweden	19	212	2,324	-681	242	876
Switzerland	-74	350	2,689	-270	131	1,712
United Kingdom	-2,642	3,058	46,830	6,379	-6,773	77,239
United States	-3,025	2,577	26,708	-7,983	2,020	91,750

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	73,679	4,609	1,618,059	21,695	30,080	1,168,333
By sector of counterparty						
Banks	44,500	7,643	1,079,110	13,478	21,370	942,908
Of which: intragroup	-1,715	27,796	302,658	-15,437	26,590	335,596
Non-banks	27,349	-4,521	520,817	3,650	3,901	172,082
Of which: non-bank financial	12,028	6,559	114,823	-2,974	3,272	64,597
Of which: non-financial	11,418	-8,809	379,328	2,165	4,853	88,817
Unallocated	1,831	1,487	18,132	4,567	4,809	53,343
By currency						
US dollar	21,280	32,894	322,285	-1,499	45,813	314,284
Euro	53,959	-31,382	1,117,891	28,065	-21,072	699,886
Yen	-3,296	1,681	61,569	-485	2,465	34,166
Pound sterling	-1,320	2,390	49,251	-788	3,492	42,321
Swiss franc	854	-78	21,260	-3,305	1,612	29,859
Other currencies	856	-2,608	21,981	-1,445	-2,205	25,613
Unallocated	1,346	1,712	23,822	1,151	-26	22,204
By instrument						
Loans and deposits	58,763	18,444	1,051,788	9,934	24,648	993,932
By sector of counterparty						
Banks	34,345	8,307	817,376	7,009	20,332	818,778
Of which: intragroup	...	...	...	...	...	...
Non-banks	24,405	10,151	234,270	3,518	4,096	165,858
Of which: non-bank financial	12,807	9,760	83,455	-3,187	2,738	59,086
Of which: non-financial	6,737	-821	117,115	1,687	5,154	84,213
Unallocated	13	-14	142	-593	219	9,296
Debt securities	15,458	-11,632	414,894	993	772	16,923
Other instruments	-1,966	-619	135,949	10,221	4,387	154,376
Unallocated	1,424	-1,584	15,427	547	274	3,103
By location of banking office						
Australia	1,965	-1,629	21,117	2,821	-2,493	8,421
Austria	2,364	1,221	12,224	150	216	3,471
Belgium	19,608	5,568	80,643	2,973	3,714	55,593
Brazil	1,135	-293	4,521	2,212	-551	8,383
Canada	900	1,490	6,425	6	717	7,643
Chile	98	-148	718	-520	-65	1,335
Chinese Taipei	544	1,343	8,162	226	682	5,669
Denmark	3,518	-1,379	13,332	1,132	-1,251	6,173
Finland	1,810	573	19,344	-278	-2,580	9,894
France	...	...	...	...	...	...
Germany	3,508	-8,260	214,900	-1,185	2,806	57,989
Greece	30	-9	317	-2	466	513
Guernsey	318	-354	1,045	-46	9	478
Hong Kong SAR	-5,903	12,535	60,416	-5,282	3,395	35,705
Ireland	-1,450	-1,015	27,314	-3,402	1,028	36,545
Isle of Man	6	8	107	-18	22	472
Japan	10,800	1,898	189,989	6,379	1,363	85,309
Jersey	248	-366	3,505	-59	-143	1,172
Korea	-93	131	1,312	204	-745	5,651
Luxembourg	3,296	-8,332	100,640	4,856	-8,011	57,186
Macao SAR	10	-116	105	-163	12	750
Mexico	135	-31	128	0	-100	82
Netherlands	15,819	5,144	112,725	7,869	2,395	74,386
South Africa	-506	-66	1,447	-362	149	1,179
Spain	-3,730	-1,127	51,354	3,601	3,555	104,856
Sweden	846	-264	4,813	133	305	4,658
Switzerland	536	-2,244	56,823	-1,702	1,130	52,319
United Kingdom	-3,353	-3,693	408,139	325	-7,119	228,142
United States	9,350	11,184	85,736	-4,641	34,786	111,128

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	45,752	73,150	1,391,118	40,855	50,682	1,540,454
By sector of counterparty						
Banks	24,438	80,111	913,290	-1,056	46,402	1,028,509
Of which: intragroup	6,177	10,981	242,470	9,042	5,507	330,092
Non-banks	18,038	-8,351	453,924	35,406	4,272	321,289
Of which: non-bank financial	9,193	2,885	101,856	12,621	-1,455	102,942
Of which: non-financial	8,240	-11,195	309,995	18,136	2,578	168,420
Unallocated	3,277	1,390	23,903	6,505	7	190,656
By currency						
US dollar	9,588	13,797	215,873	-7,447	27,464	363,157
Euro	26,917	64,059	1,056,913	47,833	17,035	1,012,153
Yen	635	-3,776	13,896	591	-816	22,645
Pound sterling	6,798	113	36,381	1,316	3,357	48,495
Swiss franc	-1,676	-650	25,904	-2,779	-1,343	31,341
Other currencies	932	-1,735	13,229	-1,361	2,896	32,933
Unallocated	2,559	1,342	28,924	2,702	2,087	29,732
By instrument						
Loans and deposits	37,706	76,407	878,171	31,544	50,950	1,260,671
By sector of counterparty						
Banks	24,166	77,679	683,027	-4,535	46,733	947,180
Of which: intragroup	...	...	...	...	...	...
Non-banks	13,401	-1,083	194,028	35,921	3,853	309,460
Of which: non-bank financial	11,715	2,783	55,450	13,395	-1,848	97,868
Of which: non-financial	2,401	-5,044	106,483	17,702	2,106	162,585
Unallocated	139	-189	1,116	159	364	4,031
Debt securities	9,106	-269	363,420	1,915	-790	167,194
Other instruments	-850	-3,406	145,968	7,596	522	111,753
Unallocated	-210	418	3,559	-201	-1	836
By location of banking office						
Australia	574	-176	10,713	-1,359	1,827	18,082
Austria	3,677	-5,856	49,393	-1,283	1,604	54,592
Belgium	3,830	2,659	64,218	2,838	-3,999	18,609
Brazil	33	-62	368	31	125	952
Canada	-588	2,269	6,748	-304	187	3,086
Chile	39	110	437	-720	139	2,371
Chinese Taipei	-201	24	4,753	290	-92	852
Denmark	6,805	6,829	31,301	5,428	-1,075	19,817
Finland	4,259	-2,547	23,076	9,070	-2,736	26,213
France	-8,930	-3,470	115,291	2,798	-496	252,997
Germany	...	...	...	...	...	...
Greece	-26	-145	1,342	514	1,369	6,456
Guernsey	400	2	932	2	-3	43
Hong Kong SAR	1,188	2,042	24,662	580	2,146	14,077
Ireland	119	17	18,878	4,488	-1,295	37,958
Isle of Man	10	101	301	3	108	296
Japan	-712	-4,573	95,086	1,415	-168	40,208
Jersey	224	76	494	-77	24	448
Korea	259	-655	2,777	-323	155	5,581
Luxembourg	3,532	3,832	139,557	3,274	5,473	142,345
Macao SAR	-38	-513	788	-78	378	556
Mexico	-268	-87	169	111	12	612
Netherlands	13,222	352	95,143	8,564	977	102,531
South Africa	873	-839	1,324	-157	-586	890
Spain	619	-874	19,750	5,370	-5,845	52,131
Sweden	1,305	-753	29,941	1,313	661	14,307
Switzerland	1,307	3,099	52,133	-2,171	-561	49,758
United Kingdom	6,603	62,355	410,293	25,001	18,165	325,301
United States	7,975	-696	48,422	212	8,370	74,291

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-35,403	22,375	775,648	-41,436	5,030	1,090,971
By sector of counterparty						
Banks	-33,225	14,287	490,450	-17,485	-3,914	598,356
Of which: intragroup	-26,019	19,431	264,839	-6,867	-6,674	273,308
Non-banks	-983	8,286	280,414	-23,121	8,852	484,356
Of which: non-bank financial	-757	11,742	77,442	-108	2,113	95,053
Of which: non-financial	2,596	1,581	152,103	-25,668	7,713	356,805
Unallocated	-1,196	-199	4,784	-830	92	8,259
By currency						
US dollar	-30,926	1,380	464,672	-8,559	-626	467,302
Euro	1,999	5,537	36,673	4,992	1,241	60,449
Yen	-8,295	-881	48,137	7,807	-4,542	56,554
Pound sterling	75	816	6,729	-847	-708	16,530
Swiss franc	-365	1,084	6,002	-453	538	7,693
Other currencies	7,176	5,327	59,553	-38,070	3,764	209,390
Unallocated	-5,069	9,112	153,881	-6,306	5,362	273,052
By instrument						
Loans and deposits	-31,729	20,840	613,896	-12,776	6,215	720,584
By sector of counterparty						
Banks	-30,571	13,886	380,899	-12,856	-3,104	481,755
Of which: intragroup	...	...	...	...	...	...
Non-banks	-281	7,154	232,831	537	9,200	234,686
Of which: non-bank financial	94	9,289	41,295	5,123	-1,252	30,433
Of which: non-financial	3,558	85	129,559	-6,576	9,675	171,864
Unallocated	-878	-200	166	-456	120	4,143
Debt securities	-3,577	1,657	49,029	-15,209	-583	97,940
Other instruments	-5	-193	112,348	-13,492	-593	270,936
Unallocated	-92	70	375	41	-10	1,511
By location of banking office						
Australia	1,013	-12	21,746	6,773	1,731	43,078
Austria	-57	815	1,073	-87	68	125
Belgium	-238	-26	3,496	309	-395	3,642
Brazil	-5	-3	4	342	-287	87
Canada	-1,744	50	4,077	-236	396	5,370
Chile	-4	36	77	11	-58	24
Chinese Taipei	5,398	-4,122	43,244	-4,113	-1,036	40,187
Denmark	3	-10	277	8	4	272
Finland	41	-51	38	-1	1	18
France	-6,700	701	27,428	-7,238	6,373	38,530
Germany	918	1,142	13,756	533	1,321	12,283
Greece	...	...	...	...	...	...
Guernsey	-12	1	110	-67	58	266
Hong Kong SAR	...	...	...	...	...	...
Ireland	-11	-4	112	-276	13	97
Isle of Man	-2	-7	191	14	19	343
Japan	-20,728	650	105,500	11,151	-7,382	93,082
Jersey	10	33	550	223	-9	1,622
Korea	63	-1,585	17,779	-2,284	-1,366	41,137
Luxembourg	270	-545	4,702	1,217	207	7,080
Macao SAR	1,896	-1,366	40,701	2,336	2,899	39,838
Mexico	0	4	5	0	0	0
Netherlands	-3,474	5,037	26,968	-260	1,080	12,183
South Africa	-44	37	85	165	-128	516
Spain	-633	-2,219	3,853	-316	555	3,827
Sweden	-122	-86	737	137	-164	197
Switzerland	260	-1,233	22,772	3,154	-542	20,227
United Kingdom	-1,405	8,343	74,802	-1,431	-1,450	81,317
United States	-8,296	5,042	37,049	-9,891	-8,299	55,714

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-4,599	-6,749	182,298	11,413	2,265	66,924
By sector of counterparty						
Banks	-3,553	-6,428	71,876	11,643	2,943	59,210
Of which: intragroup	-818	-1,114	14,152	1,996	706	11,773
Non-banks	700	24	96,659	-172	-692	7,661
Of which: non-bank financial	-38	-507	4,536	426	-307	1,547
Of which: non-financial	1,382	-801	56,258	-730	-336	4,268
Unallocated	-1,747	-346	13,763	-58	13	53
By currency						
US dollar	-2,968	-7,558	136,280	9,087	2,549	49,453
Euro	107	-88	9,272	776	-415	4,645
Yen	-1,162	268	8,639	-26	298	1,083
Pound sterling	-135	-37	1,029	1,080	-404	3,241
Swiss franc	-108	9	562	22	35	168
Other currencies	113	-14	1,538	-26	68	4,939
Unallocated	-447	670	24,978	500	134	3,396
By instrument						
Loans and deposits	-1,920	-6,832	144,003	11,845	982	61,866
By sector of counterparty						
Banks	-2,587	-7,219	56,964	11,969	1,786	54,524
Of which: intragroup	...	...	...	...	...	...
Non-banks	1,028	340	86,566	-124	-799	7,340
Of which: non-bank financial	54	-547	1,812	410	-324	1,511
Of which: non-financial	1,831	-607	43,899	-641	-387	3,965
Unallocated	-362	47	472	0	-4	3
Debt securities	-3,518	-1,247	29,831	-83	68	218
Other instruments	835	1,325	8,463	-345	1,212	4,826
Unallocated	4	4	1	-4	2	13
By location of banking office						
Australia	-556	-16	2,165	-274	26	3,772
Austria	33	-21	92	1	-34	22
Belgium	314	-107	2,602	161	61	439
Brazil	...	...	...	2	-2	4
Canada	43	-266	1,753	-1	5	153
Chile	0	0	0	-1	39	43
Chinese Taipei	-43	424	2,409	17	9	61
Denmark	1	1	34	-5	1	25
Finland	-21	-12	29	-60	-1	11
France	131	29	4,538	2	-28	258
Germany	234	-333	9,075	577	-386	1,654
Greece	...	...	...	...	...	...
Guernsey	4	-1	11	1	0	16
Hong Kong SAR	-992	-3,516	21,279	1,087	448	11,103
Ireland	1	4	22	1	28	39
Isle of Man	1	0	10	-6	-3	98
Japan	-1,398	667	17,101	-138	644	2,688
Jersey	37	2,591	3,120	267	-18	556
Korea	129	25	3,547	15	0	27
Luxembourg	44	-47	232	7	112	133
Macao SAR	28	4	84	0	0	1
Mexico	0	0	1	0	0	0
Netherlands	47	-21	1,801	\	\	\
South Africa	-103	-68	507	172	-49	360
Spain	20	26	117	1	-1	18
Sweden	-40	-43	1,291	74	-6	1,519
Switzerland	470	65	1,968	0	1	349
United Kingdom	1,260	-2,646	25,900	4,104	-982	19,757
United States	-1,972	-2,617	18,006	3,560	-348	10,325

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	134	1,199	107,300	1,337	977	20,527
By sector of counterparty						
Banks	-1,790	724	32,209	925	1,047	12,932
Of which: intragroup	-156	308	14,687	-151	418	3,232
Non-banks	895	-19	69,631	416	-74	7,583
Of which: non-bank financial	427	-77	3,029	-54	88	498
Of which: non-financial	684	668	33,015	434	-105	5,519
Unallocated	1,029	494	5,459	-4	3	12
By currency						
US dollar	310	-961	75,347	1,567	-26	14,296
Euro	-407	169	4,731	-84	407	1,206
Yen	-928	676	9,294	28	-68	545
Pound sterling	-45	113	615	-60	70	367
Swiss franc	-90	49	471	-4	-1	65
Other currencies	87	11	3,041	-136	58	2,934
Unallocated	1,208	1,142	13,801	26	535	1,115
By instrument						
Loans and deposits	-2,962	335	86,954	856	1,554	18,922
By sector of counterparty						
Banks	-2,113	557	24,380	412	1,636	12,050
Of which: intragroup	...	...	...	...	...	...
Non-banks	-789	-216	62,555	448	-84	6,868
Of which: non-bank financial	-12	-105	835	-73	57	408
Of which: non-financial	318	-36	23,197	546	-109	4,742
Unallocated	-61	-7	19	-4	2	4
Debt securities	2,667	618	16,297	-233	4	507
Other instruments	429	247	4,047	708	-584	1,026
Unallocated	0	0	1	6	2	73
By location of banking office						
Australia	74	-66	1,587	21	15	755
Austria	-18	-43	861	0	1	6
Belgium	-210	-51	641	40	-5	570
Brazil	...	...	...	1	-	1
Canada	\	\	\	27	14	94
Chile	...	...	...	0	0	0
Chinese Taipei	69	-72	1,684	157	107	386
Denmark	2	-2	30	1	1	14
Finland	1	0	3	0	0	4
France	61	-7	2,458	4	-161	69
Germany	29	-124	2,064	-136	79	600
Greece	...	...	...	...	...	...
Guernsey	0	0	1	1	0	4
Hong Kong SAR	-57	165	5,925	-200	84	3,066
Ireland	1	-1	4	-1	1	6
Isle of Man	0	0	5	1	0	38
Japan	103	555	19,156	-102	-81	887
Jersey	-1	-8	233	4	-4	74
Korea	115	127	5,649	4	169	203
Luxembourg	4	63	249	-20	28	69
Macao SAR	0	0	214	0	3	4
Mexico	0	\	...	...	...	...
Netherlands	-32	-83	793	132	-94	424
South Africa	...	...	...	...	1	1
Spain	-2	-1	32	1	0	7
Sweden	\	\	\	-1	0	3
Switzerland	-10	8	605	-21	-2	296
United Kingdom	-612	391	4,284	-152	694	1,238
United States	-213	-152	2,122	626	951	6,984

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	12,906	-22,434	591,330	-485	-4,539	284,828
By sector of counterparty						
Banks	-9,574	-13,224	333,422	-7,473	284	174,130
Of which: intragroup	-686	-11,640	187,681	-477	9,718	95,403
Non-banks	16,935	-8,612	246,869	6,921	-4,744	66,464
Of which: non-bank financial	-2,793	-184	30,350	1,269	-281	28,258
Of which: non-financial	19,649	-10,769	171,716	5,202	-4,205	35,336
Unallocated	5,544	-598	11,039	67	-79	44,234
By currency						
US dollar	1,654	273	27,443	-2,661	5,592	55,227
Euro	10,903	-25,038	549,983	1,321	-9,347	211,146
Yen	-61	130	2,499	79	-115	2,396
Pound sterling	494	53	3,285	513	-506	5,080
Swiss franc	-85	174	3,569	-42	22	5,156
Other currencies	271	-161	662	437	-213	2,757
Unallocated	-270	2,134	3,888	-132	28	3,065
By instrument						
Loans and deposits	-2,262	-10,836	329,469	207	-4,391	231,930
By sector of counterparty						
Banks	-1,725	-11,421	277,112	-6,694	330	166,267
Of which: intragroup	...	...	...	...	...	...
Non-banks	-553	563	52,276	6,899	-4,723	64,477
Of which: non-bank financial	-770	1,126	17,859	1,302	-239	27,986
Of which: non-financial	-2	-1,104	28,463	5,109	-4,222	33,525
Unallocated	16	22	81	3	2	1,187
Debt securities	20,728	-10,460	215,788	-1,220	206	32,935
Other instruments	-5,529	-1,153	46,039	483	-311	19,586
Unallocated	-31	14	34	45	-42	377
By location of banking office						
Australia	526	-375	175	-645	-254	140
Austria	284	-159	12,623	287	-23	1,515
Belgium	562	-67	11,435	96	276	5,364
Brazil	7	2	223	-5	27	65
Canada	15	-26	33	-27	25	141
Chile	-149	-1	44	-148	-6	43
Chinese Taipei	21	-16	293	-17	2	43
Denmark	651	-259	1,366	176	-97	610
Finland	75	-81	961	-131	41	1,086
France	13,518	-6,453	186,604	1,906	-1,134	83,425
Germany	3,299	-6,995	84,830	1,370	3,098	22,605
Greece	-4	2	162	4	1	38
Guernsey	-84	-87	38	3	-8	18
Hong Kong SAR	288	-203	907	371	338	6,740
Ireland	-2,883	-1,175	38,689	-492	1,811	15,648
Isle of Man	0	0	16	-2	2	94
Japan	85	1,157	30,348	196	-218	346
Jersey	-316	-162	221	-4	9	225
Korea	47	-49	529	7	-19	26
Luxembourg	-1,590	-474	36,626	1,961	-2,179	11,501
Macao SAR	-100	25	25	0	0	3
Mexico	13	-8	81	-1	7	7
Netherlands	1,314	-1,452	18,293	\	\	\
South Africa	-8	1	4	-9	-1	83
Spain	-43	7,454	57,043	221	-5,671	7,911
Sweden	99	-21	444	22	7	104
Switzerland	-110	461	7,562	740	-365	18,962
United Kingdom	-4,548	-15,375	81,652	-5,988	-3,866	65,286
United States	621	460	6,961	-717	4,222	22,768

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	59,802	5,800	1,321,283	-21,775	54,921	836,099
By sector of counterparty						
Banks	53,412	5,358	895,963	-19,377	44,145	594,745
Of which: intragroup	40,372	-6,107	505,570	-21,447	37,992	295,961
Non-banks	15,715	-3,945	407,417	-2,621	9,723	155,335
Of which: non-bank financial	18,368	8,869	246,389	-1,978	-175	88,332
Of which: non-financial	-3,244	-14,261	149,402	-302	8,070	54,939
Unallocated	-9,325	4,387	17,903	223	1,053	86,018
By currency						
US dollar	8,108	14,232	634,530	-17,649	47,354	427,029
Euro	332	4,072	104,009	-3,064	10,676	100,154
Yen	48,235	-21,906	536,824	4,370	-9,399	230,426
Pound sterling	971	3,031	11,002	-6,607	4,089	19,666
Swiss franc	-246	30	1,964	-34	1,535	6,478
Other currencies	2,755	4,545	15,450	1,656	964	34,498
Unallocated	-352	1,796	17,503	-448	-298	17,849
By instrument						
Loans and deposits	68,769	16,537	1,152,120	-23,518	49,046	680,197
By sector of counterparty						
Banks	53,550	2,877	862,896	-21,722	41,347	537,217
Of which: intragroup	...	...	...	...	...	...
Non-banks	15,139	13,616	289,028	-1,914	7,579	142,414
Of which: non-bank financial	20,380	9,537	236,035	-1,774	-1,039	82,379
Of which: non-financial	-5,780	2,035	46,213	23	8,193	51,865
Unallocated	79	43	196	118	121	565
Debt securities	6,710	-7,872	120,552	-2,839	-1,433	103,658
Other instruments	-14,051	426	48,609	4,560	7,321	52,077
Unallocated	-1,625	-3,291	3	21	-13	167
By location of banking office						
Australia	104	-1,967	14,102	-439	859	25,436
Austria	107	-32	160	-2	5	359
Belgium	7,447	-2,659	9,347	3,066	-3,120	20,827
Brazil	138	-22	357	-1,920	-641	3,367
Canada	495	-1,443	14,599	34	1,079	4,010
Chile	-24	56	86	220	-151	1,469
Chinese Taipei	2,326	4,883	20,597	915	2,351	9,265
Denmark	75	-129	456	61	25	325
Finland	80	-6	172	7	-224	1,434
France	26,390	-2,807	193,729	-3,645	-1,044	122,273
Germany	4,629	-8,509	14,220	1,213	-4,615	7,331
Greece	-1	1	24	1	0	1
Guernsey	77	-100	287	-7	-1	31
Hong Kong SAR	15,076	-18,155	146,964	-23,015	-344	95,930
Ireland	944	27	4,569	-48	24	102
Isle of Man	-2	0	66	2	-39	451
Japan	...	...	...	...	...	...
Jersey	9	33	71	143	-115	303
Korea	205	293	6,123	-628	-1,115	13,333
Luxembourg	772	605	6,844	356	73	2,185
Macao SAR	239	-72	3,361	-422	-894	298
Mexico	48	-90	62	4	-52	969
Netherlands	2,445	-3,207	8,903	605	-783	7,943
South Africa	55	-103	110	-58	103	126
Spain	545	-640	656	42	0	389
Sweden	1,933	-388	2,895	-27	66	194
Switzerland	-2,606	-721	3,565	927	1,327	5,413
United Kingdom	-712	13,309	307,066	-1,592	21,197	141,803
United States	-4,983	33,550	456,319	1,279	40,474	184,022

Counterparties resident in 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-4,543	10,527	189,995	8,686	2,044	131,483
By sector of counterparty						
Banks	-4,577	10,353	136,078	4,465	-2,791	90,380
Of which: intragroup	-1,436	2,405	67,488	-844	-991	21,088
Non-banks	-118	143	46,552	4,165	4,813	38,608
Of which: non-bank financial	-100	399	11,892	2,984	1,680	15,539
Of which: non-financial	310	-226	30,964	-1,073	1,360	14,035
Unallocated	152	32	7,365	56	22	2,496
By currency						
US dollar	-2,590	7,621	127,750	2,481	2,983	89,885
Euro	139	469	9,364	3,382	699	11,543
Yen	-882	91	7,090	165	-2,167	4,871
Pound sterling	-86	-77	523	-317	538	2,090
Swiss franc	-24	-31	1,070	121	-94	278
Other currencies	-684	923	9,027	1,247	-236	15,487
Unallocated	-415	1,532	35,170	1,606	321	7,331
By instrument						
Loans and deposits	-5,678	11,104	124,143	5,670	2,849	116,040
By sector of counterparty						
Banks	-5,586	10,894	105,914	1,218	-2,144	79,260
Of which: intragroup	...	...	...	...	...	...
Non-banks	-86	209	18,200	4,455	4,992	36,769
Of which: non-bank financial	-301	323	2,638	2,978	1,664	15,012
Of which: non-financial	388	-379	4,370	-715	1,589	12,864
Unallocated	-5	1	29	-3	1	11
Debt securities	-513	-857	48,760	-478	487	5,823
Other instruments	1,650	284	17,091	3,497	-1,295	9,569
Unallocated	-3	-3	1	-3	3	52
By location of banking office						
Australia	592	282	4,248	1,314	1,418	6,132
Austria	5	7	172	50	-70	40
Belgium	-48	-78	125	227	111	1,198
Brazil	-117	-39	93	-1	3	6
Canada	232	-309	1,085	73	86	427
Chile	-29	-5	2	0	-1	7
Chinese Taipei	167	1,015	5,172	852	892	2,200
Denmark	-2	4	33	2	2	20
Finland	9	3	76	-1	9	9
France	40	-712	9,649	-184	896	3,670
Germany	-42	418	5,093	176	-366	1,959
Greece	...	...	...	...	...	...
Guernsey	10	4	62	0	0	0
Hong Kong SAR	-3,049	1,556	48,705	3,063	-93	35,974
Ireland	0	-3	309	-4	3	11
Isle of Man	0	0	5	1	-1	15
Japan	-516	137	33,438	871	-2,163	6,844
Jersey	-5	2	10	9	0	55
Korea	...	...	...	...	...	...
Luxembourg	110	106	1,380	434	855	1,961
Macao SAR	-209	-145	665	958	113	4,567
Mexico	-46	2	18	-48	1	2
Netherlands	\	-14	1,571	-45	\	\
South Africa	\	...	...	0	22	30
Spain	22	-5	415	282	-91	217
Sweden	-118	-107	249	2	6	21
Switzerland	204	-137	2,335	1,348	42	2,845
United Kingdom	-1,218	138	17,076	-2,478	1,166	8,235
United States	-1,246	4,939	20,007	242	-2,607	18,998

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	5,953	1,786	70,559	2,784	-773	32,943
By sector of counterparty						
Banks	1,371	1,239	42,619	1,197	-1,085	16,699
Of which: intragroup	-1,410	-229	4,274	549	93	6,712
Non-banks	2,795	-860	21,340	1,574	292	16,093
Of which: non-bank financial	194	-812	2,949	-145	322	1,985
Of which: non-financial	2,595	-230	11,468	1,716	-117	12,209
Unallocated	1,787	1,407	6,600	13	20	152
By currency						
US dollar	1,983	1,252	40,581	1,532	-612	18,882
Euro	-165	291	2,418	-75	203	1,118
Yen	-413	726	6,160	159	60	757
Pound sterling	145	14	2,195	234	51	1,789
Swiss franc	-45	63	457	-11	-4	153
Other currencies	-45	-166	2,169	685	-70	8,078
Unallocated	4,492	-393	16,578	260	-402	2,166
By instrument						
Loans and deposits	122	1,053	48,897	2,895	-1,144	29,155
By sector of counterparty						
Banks	-6	1,413	36,233	1,251	-1,415	13,859
Of which: intragroup	...	...	...	...	...	...
Non-banks	109	-334	12,643	1,667	266	15,285
Of which: non-bank financial	2	-906	863	-113	378	1,918
Of which: non-financial	178	-112	4,087	1,796	-194	11,682
Unallocated	19	-26	21	-23	4	11
Debt securities	4,946	985	18,199	-176	22	709
Other instruments	886	-249	3,461	40	342	2,964
Unallocated	0	-2	2	25	7	114
By location of banking office						
Australia	-110	257	1,474	-18	101	1,419
Austria	-10	-9	13	0	-1	5
Belgium	30	-103	190	172	198	1,227
Brazil	...	...	...	\	...	...
Canada	\	\	\	-3	3	79
Chile	...	...	...	0	0	1
Chinese Taipei	-205	-62	1,565	102	-179	846
Denmark	5	2	39	0	-2	29
Finland	0	0	1	0	0	1
France	1,275	-753	1,814	173	-140	167
Germany	-4	-11	465	-7	83	431
Greece	...	...	...	...	...	...
Guernsey	6	-7	15	7	-6	89
Hong Kong SAR	304	-550	9,446	2,165	-231	8,852
Ireland	0	0	110	-3	1	48
Isle of Man	-1	-2	16	0	-2	133
Japan	-217	472	6,524	177	441	1,190
Jersey	2	-2	8	-1	4	241
Korea	624	123	1,494	-213	-194	577
Luxembourg	6	11	46	-26	19	82
Macao SAR	12	18	71	-6	1	20
Mexico	2	-5	1	...	...	...
Netherlands	83	-59	268	82	-226	402
South Africa	...	...	...	0	1	2
Spain	-10	-17	30	-5	1	8
Sweden	0	-31	52	-7	17	23
Switzerland	16	-10	327	-4	-108	1,048
United Kingdom	787	-545	5,121	-38	-956	3,598
United States	160	294	1,200	-59	-29	6,136

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	1,616	6,527	129,423	14,292	-985	130,832
By sector of counterparty						
Banks	-2,221	1,562	27,492	7,593	807	72,773
Of which: intragroup	-1,930	881	9,723	2,183	-1,525	5,345
Non-banks	3,813	4,749	101,612	6,699	-1,793	57,913
Of which: non-bank financial	138	4	11,815	702	374	5,379
Of which: non-financial	-1,136	2,670	57,363	3,592	-1,528	44,667
Unallocated	23	217	319	0	1	146
By currency						
US dollar	747	2,644	82,979	14,080	-1,683	100,106
Euro	584	887	8,278	4,806	2,569	12,572
Yen	11	436	4,155	396	-838	2,242
Pound sterling	-69	-41	147	-5,535	-509	3,649
Swiss franc	0	18	722	-27	-1	399
Other currencies	86	-136	2,816	113	170	3,298
Unallocated	257	2,719	30,326	459	-693	8,566
By instrument						
Loans and deposits	-3,398	5,508	85,124	11,452	-410	122,656
By sector of counterparty						
Banks	-2,365	2,396	20,573	7,671	666	68,701
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,034	3,112	64,544	3,780	-1,077	53,952
Of which: non-bank financial	146	-67	10,515	706	282	5,079
Of which: non-financial	-1,351	2,632	42,130	3,695	-1,574	43,476
Unallocated	1	0	7	1	1	3
Debt securities	772	-452	21,144	-164	128	3,989
Other instruments	4,290	1,472	23,154	3,013	-815	3,077
Unallocated	-48	-1	1	-9	112	1,110
By location of banking office						
Australia	-157	-167	158	-56	-52	65
Austria	-2	1	130	3	-4	21
Belgium	137	-42	400	85	231	360
Brazil	-7	-7	26	0	-2	81
Canada	\	\	\	360	-670	5,212
Chile	25	-80	129	7	-7	5
Chinese Taipei	58	-76	287	6	26	120
Denmark	3	1	46	-1	0	12
Finland	\	1	3	1	-1	3
France	94	279	3,419	-1,187	78	704
Germany	385	22	2,561	-145	-272	862
Greece	...	...	...	...	...	...
Guernsey	0	-1	10	-2	0	4
Hong Kong SAR	284	33	1,149	59	-44	106
Ireland	41	25	736	-34	48	92
Isle of Man	0	0	2	-4	0	37
Japan	-75	560	12,088	174	-126	126
Jersey	\	3	3	-1	2	54
Korea	184	67	2,160	-1	26	30
Luxembourg	8	31	257	34	1	293
Macao SAR	...	...	...	0	-1	1
Mexico	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\
South Africa	2	-	5	-	1	2
Spain	957	2,157	23,812	-66	534	3,813
Sweden	12	4	614	\	\	\
Switzerland	233	-8	3,805	112	-32	4,602
United Kingdom	-917	394	4,443	328	835	6,537
United States	-4,059	2,584	44,710	10,893	-3,675	83,651

Counterparties resident in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	44,209	24,135	1,030,939	13,486	23,502	661,148
By sector of counterparty						
Banks	25,928	26,327	525,434	-1,055	9,292	341,324
Of which: intragroup	14,783	9,990	211,955	794	18,040	134,760
Non-banks	18,062	-1,596	501,901	12,802	14,452	237,798
Of which: non-bank financial	9,948	2,141	209,040	9,539	9,380	115,076
Of which: non-financial	6,485	-2,557	251,333	3,701	3,898	102,139
Unallocated	218	-596	3,605	1,739	-243	82,027
By currency						
US dollar	1,668	3,346	235,953	-4,010	8,457	253,336
Euro	35,331	32,744	705,118	21,909	16,079	313,258
Yen	504	-2,049	16,603	313	636	10,978
Pound sterling	3,780	-10,013	39,333	-7,436	-3,248	38,144
Swiss franc	1,236	-1,815	8,235	1,431	652	9,269
Other currencies	947	396	11,747	969	982	22,799
Unallocated	742	1,525	13,950	310	-56	13,365
By instrument						
Loans and deposits	40,565	25,886	654,689	5,892	19,338	518,984
By sector of counterparty						
Banks	17,531	24,016	364,921	-6,443	6,362	295,685
Of which: intragroup	...	...	...	...	...	...
Non-banks	22,897	2,057	289,437	12,084	13,463	221,810
Of which: non-bank financial	14,541	1,830	103,303	9,549	8,247	107,223
Of which: non-financial	6,815	1,228	162,883	2,502	4,187	92,646
Unallocated	136	-187	331	251	-488	1,489
Debt securities	-386	-2,835	289,695	2,325	715	75,615
Other instruments	3,991	78	77,458	5,331	3,676	65,639
Unallocated	39	1,006	9,097	-62	-227	910
By location of banking office						
Australia	1,195	-205	8,170	982	436	5,931
Austria	492	-85	8,128	-15	222	3,049
Belgium	7,933	2,213	97,893	7,423	6,123	71,054
Brazil	-1	108	414	-613	377	5,172
Canada	-2,639	147	4,965	-246	360	5,201
Chile	-48	27	31	30	-2	1,233
Chinese Taipei	1,149	-470	4,893	-190	-255	1,512
Denmark	-314	-48	3,704	1,150	-1,406	3,346
Finland	1,036	261	7,697	678	-853	5,280
France	5,534	-6,653	91,023	6,722	4,289	108,330
Germany	858	3,463	166,333	6,109	444	43,915
Greece	-11	-17	1,582	-48	232	488
Guernsey	1,355	861	5,690	21	148	974
Hong Kong SAR	579	533	12,280	-1,814	5,888	24,896
Ireland	1,193	2,392	22,773	1,145	-5,008	26,556
Isle of Man	511	1,144	1,841	-3	-5	126
Japan	1,669	-2,969	66,093	362	-244	2,405
Jersey	-1,220	-1,191	1,310	-25	-70	246
Korea	-63	-208	704	-176	-413	870
Luxembourg	-433	37	28,108	-1,048	1,252	7,615
Macao SAR	30	0	214	-51	3	70
Mexico	-9	-5	82	-25	38	60
Netherlands	...	...	...	...	...	...
South Africa	220	70	1,006	241	6	357
Spain	2,444	134	33,550	132	2,115	12,729
Sweden	516	938	7,009	413	-201	2,171
Switzerland	539	-14	23,070	2,221	-235	10,308
United Kingdom	13,965	27,620	303,598	-4,227	1,827	190,357
United States	2,603	304	55,565	-1,977	3,705	42,038

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	3,759	1,684	99,078	1,457	11,327	35,995
By sector of counterparty						
Banks	3,717	2,953	58,005	686	11,616	29,195
Of which: intragroup	1,072	-1,342	20,153	-455	261	1,845
Non-banks	156	-1,097	39,998	812	-247	6,711
Of which: non-bank financial	157	197	4,023	204	-301	763
Of which: non-financial	27	-1,153	28,918	561	19	5,616
Unallocated	-114	-171	1,075	-40	-42	89
By currency						
US dollar	4,618	4,285	14,412	3,821	5,867	13,066
Euro	-972	-790	38,447	-310	4,128	11,676
Yen	9	17	2,240	1	1	39
Pound sterling	-980	785	1,024	-1,059	1,229	1,402
Swiss franc	-465	-162	12,144	62	132	419
Other currencies	309	-408	1,794	-441	512	1,935
Unallocated	1,240	-2,043	29,015	-615	-542	7,460
By instrument						
Loans and deposits	4,195	3,398	58,122	1,812	11,412	35,249
By sector of counterparty						
Banks	3,509	3,867	37,256	954	11,616	28,808
Of which: intragroup	...	...	...	...	...	...
Non-banks	692	-423	20,833	859	-205	6,437
Of which: non-bank financial	180	160	3,247	201	-316	730
Of which: non-financial	853	-764	13,784	611	74	5,370
Unallocated	-5	-45	33	-1	1	3
Debt securities	-548	-527	19,055	-14	-5	4
Other instruments	112	-1,187	21,900	-286	-56	503
Unallocated	0	0	1	-54	-25	241
By location of banking office						
Australia	46	-15	41	3	2	25
Austria	30	-518	10,065	258	-151	550
Belgium	-448	54	2,210	-1,017	570	1,661
Brazil	...	...	...	...	...	...
Canada	-9	-1	4	2	-1	20
Chile	...	0	0	0	0	0
Chinese Taipei	1	26	41	2	1	7
Denmark	235	-437	500	214	18	757
Finland	-61	175	469	\	\	\
France	373	-1,551	10,603	-981	1,303	2,308
Germany	-307	261	24,583	613	841	3,164
Greece	-1	10	140	0	-2	10
Guernsey	-1	0	3	0	0	2
Hong Kong SAR	0	-1	46	-25	333	461
Ireland	-161	-69	1,958	26	-17	222
Isle of Man	0	0	1	1	0	20
Japan	-503	441	3,776	-3	4	28
Jersey	1	4	7	0	1	34
Korea	4	-41	173	0	-1	2
Luxembourg	-124	-72	2,719	77	84	349
Macao SAR	...	...	...	0	-	0
Mexico	...	...	...	-9	0	1
Netherlands	487	-393	5,179	17	-216	2,314
South Africa	0	-2	63	1	0	2
Spain	210	-141	5,833	174	129	1,105
Sweden	-51	-232	5,520	388	-222	515
Switzerland	60	-38	724	117	71	1,982
United Kingdom	-580	5,466	11,830	-932	7,792	13,734
United States	4,327	-945	4,347	3,583	-26	4,328

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-6,269	-5,287	102,789	-1,413	-961	111,589
By sector of counterparty						
Banks	-4,282	-2,197	39,060	1,569	-375	73,170
Of which: intragroup	-554	-65	12,417	-1,372	-4,152	8,479
Non-banks	-1,605	-2,709	62,467	-2,826	-337	37,269
Of which: non-bank financial	-79	-374	4,334	-904	1,688	5,635
Of which: non-financial	-1,336	-2,266	51,109	-1,701	-1,998	27,967
Unallocated	-382	-381	1,262	-157	-249	1,150
By currency						
US dollar	-4,272	-6,230	63,674	5,340	-12,525	63,810
Euro	111	-383	20,234	-3,604	11,151	37,981
Yen	-2	26	425	-227	-40	247
Pound sterling	-2,420	-67	737	-2,285	-748	2,383
Swiss franc	94	-133	719	506	-17	2,292
Other currencies	709	50	2,704	-39	197	1,061
Unallocated	-489	1,449	14,295	-1,103	1,021	3,815
By instrument						
Loans and deposits	-4,947	-5,128	87,092	-1,158	-300	108,141
By sector of counterparty						
Banks	-3,073	-2,158	28,485	1,601	-438	72,455
Of which: intragroup	...	...	...	...	...	...
Non-banks	-1,865	-2,970	58,602	-2,737	133	35,460
Of which: non-bank financial	-168	-289	3,843	-895	1,699	5,624
Of which: non-financial	-1,470	-2,664	47,136	-1,616	-1,543	26,097
Unallocated	-9	0	5	-22	4	225
Debt securities	-609	-44	3,645	14	-8	65
Other instruments	-674	79	11,954	-187	-207	1,283
Unallocated	-39	-195	99	-81	-446	2,100
By location of banking office						
Australia	-2	0	6	1	-7	46
Austria	-699	-239	8,199	-834	-997	7,028
Belgium	-254	-657	3,206	2,747	-5,592	1,336
Brazil	...	...	...	...	...	...
Canada	0	-1	6	-3	4	66
Chile	...	...	...	-1	0	1
Chinese Taipei	-37	-42	544	0	3	7
Denmark	-3	58	122	824	620	5,335
Finland	-67	-1	441	-284	\	\
France	-297	-204	11,272	1,480	727	10,465
Germany	-771	-556	8,804	2,979	-805	8,358
Greece	-5	-3	92	1	1	41
Guernsey	2	-6	15	-2	-39	78
Hong Kong SAR	-15	-16	132	-109	-145	812
Ireland	-87	3	1,019	-1	2	9
Isle of Man	0	-2	14	4	-3	89
Japan	-128	53	2,602	-203	21	200
Jersey	-8	163	208	4	35	204
Korea	48	-243	941	81	21	279
Luxembourg	635	-712	2,221	187	-348	1,096
Macao SAR	0	-40	5	-1	0	1
Mexico	-	5	6	...	...	...
Netherlands	-27	-511	5,736	-875	-827	2,140
South Africa	...	...	...	1	0	4
Spain	-21	-220	1,434	43	72	2,175
Sweden	\	\	\	\	\	\
Switzerland	-252	-125	3,340	725	-194	17,713
United Kingdom	-2,488	-1,013	16,739	-4,740	6,600	22,505
United States	-325	-80	183	-631	-2,081	11,288

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-785	8,889	91,100	-16,510	-1,052	221,562
By sector of counterparty						
Banks	-429	-119	31,336	-18,076	-2,632	167,883
Of which: intragroup	34	201	3,822	120	228	624
Non-banks	384	10,774	57,236	1,626	1,775	53,527
Of which: non-bank financial	394	3,139	7,423	-1,145	1,819	11,819
Of which: non-financial	357	6,955	35,780	2,817	-411	29,764
Unallocated	-739	-1,766	2,528	-61	-194	152
By currency						
US dollar	1,573	10,898	63,287	-12,651	-714	186,435
Euro	-976	-1,326	5,916	-3,133	-1,159	9,533
Yen	-26	-92	672	-1,344	-785	910
Pound sterling	-131	125	1,709	1,108	-148	9,968
Swiss franc	13	21	445	39	53	395
Other currencies	21	114	856	180	1,086	5,787
Unallocated	-1,258	-852	18,215	-709	617	8,535
By instrument						
Loans and deposits	-60	10,634	84,436	-16,227	-1,040	211,950
By sector of counterparty						
Banks	-441	-129	27,548	-18,015	-2,738	166,170
Of which: intragroup	...	...	...	...	...	...
Non-banks	386	10,764	56,825	1,797	1,871	45,778
Of which: non-bank financial	390	3,042	7,131	-737	1,827	11,348
Of which: non-financial	284	6,848	34,552	2,633	-357	22,570
Unallocated	-6	-2	62	-9	-173	1
Debt securities	-16	135	472	-160	-9	854
Other instruments	-704	-1,873	6,192	-12	64	1,119
Unallocated	-5	-7	0	-112	-66	7,639
By location of banking office						
Australia	-4	-1	24	-1,429	-200	1,834
Austria	17	-192	77	-104	122	946
Belgium	210	201	2,702	4,513	1,498	7,573
Brazil	...	...	...	...	...	...
Canada	24	-30	39	15	12	439
Chile	0	-1	2	0	-	0
Chinese Taipei	-123	146	194	16	-26	194
Denmark	-14	-8	40	300	-960	2,100
Finland	\	\	\	\	\	\
France	-2,290	-3,482	11,583	-175	273	26,171
Germany	519	-377	2,426	604	-195	2,359
Greece	...	...	...	...	...	...
Guernsey	4	-1	86	37	-10	188
Hong Kong SAR	-50	1,683	2,707	-383	169	3,130
Ireland	4	-1	20	-53	406	593
Isle of Man	1	-1	17	9	13	177
Japan	-35	68	1,920	-287	9	328
Jersey	-6	-6	84	-16	14	250
Korea	-186	392	4,798	13	-1	81
Luxembourg	-661	958	4,012	-320	444	1,881
Macao SAR	...	75	75	-1	0	1
Mexico	...	...	...	...	...	...
Netherlands	-567	196	2,061	\	\	\
South Africa	-7	2	57	-755	4	252
Spain	24	107	429	-2,814	-2,052	8,894
Sweden	-17	128	510	-946	479	3,577
Switzerland	-314	123	3,799	333	-1,181	15,153
United Kingdom	2,804	6,069	27,727	-7,828	1,392	90,487
United States	33	891	3,898	-2,710	-1,788	14,177

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-1,536	2,716	593,931	13,496	4,726	586,693
By sector of counterparty						
Banks	-5,658	-2,275	478,100	18,539	7,117	445,683
Of which: intragroup	9,091	-2,863	314,607	4,890	-5,115	240,981
Non-banks	4,674	4,395	114,550	-5,051	-2,982	138,602
Of which: non-bank financial	1,933	-998	20,307	1,300	1,394	31,813
Of which: non-financial	3,754	2,585	75,262	-6,360	-6,194	92,741
Unallocated	-552	596	1,281	8	591	2,408
By currency						
US dollar	-8,278	-3,614	399,798	9,065	-218	358,494
Euro	-790	1,384	28,608	7,568	7,907	53,152
Yen	2,853	1,797	61,009	3,110	-4,061	26,740
Pound sterling	605	550	7,050	1,696	3,272	17,636
Swiss franc	275	33	3,616	666	-227	3,664
Other currencies	1,021	-79	30,572	-9,169	-4,956	79,568
Unallocated	2,776	2,646	63,278	561	3,007	47,441
By instrument						
Loans and deposits	-6,130	-1,422	518,572	18,948	1,171	486,598
By sector of counterparty						
Banks	-9,155	-5,508	418,087	18,145	3,779	385,622
Of which: intragroup	...	...	...	...	...	...
Non-banks	3,317	3,898	100,238	761	-3,014	100,410
Of which: non-bank financial	943	-494	12,066	1,466	-1,179	24,930
Of which: non-financial	4,170	1,916	62,007	-488	-3,366	62,756
Unallocated	-292	187	247	42	406	565
Debt securities	3,333	2,864	32,745	-6,888	3,165	35,271
Other instruments	1,318	1,747	39,928	927	627	61,692
Unallocated	-58	-473	2,686	509	-237	3,132
By location of banking office						
Australia	-220	260	29,097	664	1,239	26,952
Austria	-221	-5	820	37	0	211
Belgium	153	78	1,093	-275	-3,290	2,583
Brazil	-	-	5	18	-36	38
Canada	\	-1,576	5,666	221	-223	2,646
Chile	-4	16	16	0	-1	79
Chinese Taipei	1,804	891	15,544	1,601	791	23,544
Denmark	57	52	1,946	557	39	2,202
Finland	-464	\	\	\	\	\
France	2,339	-1,924	19,519	-1,161	4,762	18,941
Germany	1,260	395	20,754	-6	2,283	9,341
Greece	...	...	...	...	...	...
Guernsey	-4	-11	182	-43	-76	408
Hong Kong SAR	5,269	-3,094	78,657	1,692	-53	95,441
Ireland	295	338	861	-46	7	91
Isle of Man	0	-3	112	14	14	239
Japan	1,091	3,562	151,454	10,583	-3,671	75,160
Jersey	16	116	666	-95	33	757
Korea	50	1,108	7,327	-2,277	2,876	16,025
Luxembourg	512	-761	6,483	1,834	-199	10,128
Macao SAR	1,130	-497	3,331	-68	-222	347
Mexico	0	0	0	-35	-7	1
Netherlands	-1,550	3,276	43,793	295	88	17,592
South Africa	42	104	269	21	82	289
Spain	85	92	869	-23	-54	69
Sweden	\	\	\	987	-37	2,392
Switzerland	-2,994	1,349	22,174	4,512	21	18,072
United Kingdom	-18,063	54	72,705	-691	-826	57,243
United States	3,905	1,158	41,528	4,940	78	44,287

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-403	1,015	46,620	2,535	-3,118	40,340
By sector of counterparty						
Banks	-2,250	-635	20,044	1,033	-1,258	24,389
Of which: intragroup	-192	-327	8,718	-1,006	-2	4,888
Non-banks	1,849	1,428	26,314	1,526	-1,922	15,788
Of which: non-bank financial	1,257	-814	6,288	1,649	-1,907	3,065
Of which: non-financial	536	2,086	19,074	-101	-1	10,427
Unallocated	-2	222	263	-24	63	164
By currency						
US dollar	-2,978	-868	16,646	1,017	-2,375	24,882
Euro	381	644	5,992	307	-238	4,550
Yen	19	6	121	-32	63	158
Pound sterling	412	817	3,728	271	716	5,430
Swiss franc	-70	45	276	96	-157	408
Other currencies	90	-28	635	-106	-127	1,230
Unallocated	1,743	400	19,223	982	-1,000	3,682
By instrument						
Loans and deposits	-1,363	-108	34,110	2,412	-3,049	39,347
By sector of counterparty						
Banks	-2,146	-732	15,241	868	-1,176	23,741
Of which: intragroup	...	...	...	...	...	...
Non-banks	792	618	18,839	1,563	-1,916	15,512
Of which: non-bank financial	819	-706	5,435	1,603	-1,894	2,990
Of which: non-financial	741	748	12,269	-24	-11	10,215
Unallocated	-8	7	30	-19	44	94
Debt securities	410	-86	6,074	2	4	98
Other instruments	551	1,207	6,424	136	-91	760
Unallocated	-1	2	12	-15	18	135
By location of banking office						
Australia	-13	80	269	19	-3	332
Austria	1	82	204	2	5	100
Belgium	-22	36	312	-658	121	1,178
Brazil	...	...	...	...	...	...
Canada	-39	-10	25	-19	\	\
Chile	0	0	0	2	-2	0
Chinese Taipei	370	224	975	-13	33	147
Denmark	16	-5	165	35	-3	279
Finland	0	-3	13	\	\	\
France	-39	348	2,942	-148	-34	759
Germany	309	-220	2,500	773	-452	1,865
Greece	...	...	...	...	...	...
Guernsey	44	46	153	20	-12	324
Hong Kong SAR	-13	15	660	151	-44	385
Ireland	-10	7	60	26	-37	61
Isle of Man	-272	-523	3,399	-310	-504	5,517
Japan	-649	444	4,542	-24	-6	37
Jersey	-35	112	106	32	28	1,550
Korea	103	-18	392	-29	96	108
Luxembourg	39	9	368	-5	-1	114
Macao SAR	69	120	329	-3	-1	29
Mexico	-	0	0	0	0	0
Netherlands	251	63	635	-327	323	1,318
South Africa	...	...	...	...	...	...
Spain	121	-70	222	0	4	51
Sweden	3	-3	51	-2	2	12
Switzerland	-104	120	765	134	-112	2,044
United Kingdom	-96	200	19,043	2,527	-2,275	16,694
United States	-148	-145	399	431	-444	3,441

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	10,323	-14,215	436,030	221	11,767	185,223
By sector of counterparty						
Banks	3,120	-10,523	224,250	203	10,750	130,082
Of which: intragroup	9,725	-2,715	86,670	-614	6,562	59,847
Non-banks	7,410	-4,040	209,937	451	941	39,937
Of which: non-bank financial	-1,815	-4,514	50,416	-512	1,397	7,500
Of which: non-financial	8,814	-612	151,415	1,114	-657	30,461
Unallocated	-207	348	1,843	-433	76	15,205
By currency						
US dollar	263	-1,241	36,737	-5,543	3,112	45,853
Euro	7,944	-12,421	389,661	3,989	8,264	124,940
Yen	165	-418	1,094	64	0	859
Pound sterling	1,129	-185	4,425	484	-327	4,275
Swiss franc	10	-68	1,340	-74	226	1,889
Other currencies	156	81	896	1,151	464	5,321
Unallocated	656	37	1,877	151	29	2,085
By instrument						
Loans and deposits	11,707	-13,598	241,039	734	11,216	156,355
By sector of counterparty						
Banks	9,257	-10,132	174,990	496	10,597	117,826
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,466	-3,464	65,973	245	635	38,513
Of which: non-bank financial	276	-1,717	13,109	-535	1,384	7,288
Of which: non-financial	1,688	-1,716	50,619	1,020	-785	29,568
Unallocated	-16	-3	75	-7	-16	17
Debt securities	3,524	-2,343	167,175	-557	170	11,535
Other instruments	-4,878	1,592	27,585	13	408	17,007
Unallocated	-30	134	231	31	-27	326
By location of banking office						
Australia	-495	-44	438	-3	41	267
Austria	2,174	839	9,115	-125	304	916
Belgium	824	-294	13,774	1,149	-649	6,389
Brazil	208	-1,347	5,318	-808	85	6,610
Canada	27	-51	181	86	-64	214
Chile	-577	-364	1,208	301	-457	616
Chinese Taipei	-178	690	900	-29	19	75
Denmark	-256	5	2,121	154	18	1,631
Finland	-470	-13	1,230	\	\	\
France	-3,781	-3,220	120,931	1,786	-522	36,284
Germany	-754	-7,510	84,065	739	-130	7,936
Greece	-27	-3	71	-306	2	12
Guernsey	1	0	86	-1	-10	100
Hong Kong SAR	-318	530	4,207	-729	-600	3,860
Ireland	-551	-938	10,977	1,498	177	2,125
Isle of Man	0	-6	57	-8	-4	305
Japan	-363	879	18,781	61	-79	188
Jersey	0	5	22	-28	-75	479
Korea	267	-83	438	42	26	216
Luxembourg	782	-128	11,587	420	103	2,922
Macao SAR	9	-10	28	-13	-7	95
Mexico	-35	439	922	-128	-39	53
Netherlands	752	836	17,780	679	\	\
South Africa	21	0	45	-12	-6	27
Spain	...	...	...	...	...	...
Sweden	-109	-16	1,919	8	23	243
Switzerland	174	-24	5,988	310	-433	9,094
United Kingdom	1,702	1,932	58,807	-3	3,072	32,003
United States	682	-781	4,898	-4,303	2,016	16,648

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	21,529	-155	336,495	25,007	-19,870	263,973
By sector of counterparty						
Banks	15,082	1,456	239,373	22,758	-15,720	215,140
Of which: intragroup	7,110	6,085	102,106	19,668	-8,189	170,575
Non-banks	5,475	-2,396	92,220	-648	-5,625	31,574
Of which: non-bank financial	4,503	-2,593	22,339	-569	-1,837	11,533
Of which: non-financial	712	151	67,894	49	-3,834	18,999
Unallocated	972	785	4,903	2,897	1,475	17,258
By currency						
US dollar	11,117	8,963	82,847	-6,767	-4,658	52,557
Euro	4,227	-6,049	110,713	18,504	-11,263	98,290
Yen	-18	-281	6,444	222	-108	1,024
Pound sterling	-42	-576	10,849	-594	742	16,842
Swiss franc	-1,407	-997	2,745	-31	714	2,017
Other currencies	4,837	878	50,961	4,075	-5,064	51,181
Unallocated	2,814	-2,092	71,937	9,597	-232	42,061
By instrument						
Loans and deposits	16,999	981	208,826	20,637	-20,287	221,334
By sector of counterparty						
Banks	14,483	2,958	156,131	20,224	-15,813	193,451
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,515	-1,977	52,687	413	-4,475	27,875
Of which: non-bank financial	4,362	-2,368	12,675	570	-1,224	9,819
Of which: non-financial	-1,798	-30	38,518	-27	-3,393	17,004
Unallocated	1	0	9	0	1	8
Debt securities	3,334	-983	97,705	-821	-85	7,006
Other instruments	1,203	-225	29,908	5,282	629	35,469
Unallocated	-6	71	56	-91	-127	164
By location of banking office						
Australia	91	-68	427	-20	41	412
Austria	23	-8	1,509	-57	-7	144
Belgium	-60	369	2,968	178	-433	1,476
Brazil	-7	5	9	0	-43	22
Canada	\	\	\	\	-2	129
Chile	-10	6	7	-2	0	0
Chinese Taipei	172	95	593	17	-17	33
Denmark	-1,021	-2,720	58,836	4,316	-6,591	37,219
Finland	3,978	-5,202	44,155	27,112	-9,869	93,512
France	186	653	11,304	-480	-478	4,458
Germany	2,077	-687	36,792	3,447	-505	15,084
Greece	-2	8	21	1	-1	17
Guernsey	-22	-59	269	5	0	16
Hong Kong SAR	18	-718	1,454	-233	44	490
Ireland	193	80	2,005	-6	-30	113
Isle of Man	0	-18	16	-1	0	29
Japan	454	335	21,978	31	42	122
Jersey	105	14	141	-6	3	71
Korea	16	-16	98	9	-24	10
Luxembourg	2,256	655	12,088	-223	-92	2,713
Macao SAR	6	0	6	0	0	0
Mexico	1	3	8	-1	0	1
Netherlands	-683	179	9,251	1,166	765	6,904
South Africa	-7	7	20	-1	10	20
Spain	56	-6	671	213	-218	325
Sweden	...	...	...	...	...	...
Switzerland	540	-328	6,060	-1	-205	2,112
United Kingdom	-3,912	1,345	42,945	-1,255	2,211	27,297
United States	4,800	8,414	29,179	-7,824	770	3,744

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-74,983	39,342	598,528	-66,062	48,619	635,699
By sector of counterparty						
Banks	-80,415	40,513	445,399	-58,873	31,211	442,099
Of which: intragroup	-53,583	6,645	126,176	-4,277	4,826	117,099
Non-banks	4,791	-1,410	148,427	-7,295	14,913	153,507
Of which: non-bank financial	2,075	-3,948	24,818	497	4,952	32,777
Of which: non-financial	2,140	2,407	112,082	-6,961	8,814	103,635
Unallocated	642	239	4,702	107	2,495	40,093
By currency						
US dollar	-28,238	12,075	239,924	-8,745	17,048	284,776
Euro	-7,165	3,726	95,991	-15,151	20,875	193,816
Yen	-1,721	-429	6,632	-6,069	3,164	19,242
Pound sterling	1,421	-2,216	17,738	-30,243	6,530	59,297
Swiss franc	-34,034	25,544	217,566	260	-1,834	42,462
Other currencies	-654	-796	6,025	-1,229	1,162	17,855
Unallocated	-4,591	1,438	14,652	-4,884	1,675	18,250
By instrument						
Loans and deposits	-71,872	42,737	528,447	-62,283	45,882	555,679
By sector of counterparty						
Banks	-77,532	41,534	410,492	-55,889	28,632	401,699
Of which: intragroup	...	...	...	...	...	...
Non-banks	6,201	776	117,024	-6,831	15,705	149,360
Of which: non-bank financial	2,745	-2,187	17,143	761	4,914	31,449
Of which: non-financial	1,493	2,459	88,066	-6,820	9,835	101,007
Unallocated	-541	428	932	438	1,545	4,620
Debt securities	1,819	-2,802	40,288	-1,459	-53	46,724
Other instruments	-4,909	-614	29,791	-2,320	2,791	33,296
Unallocated	-21	20	2	1	-1	0
By location of banking office						
Australia	199	571	3,217	-35	729	8,714
Austria	-96	1,107	7,960	77	-239	3,094
Belgium	633	2,387	13,982	-213	1,140	9,575
Brazil	16	1	48	-6	-27	77
Canada	267	-59	1,883	-6	2,022	4,065
Chile	-22	155	295	-89	40	1,962
Chinese Taipei	-586	176	3,656	-1,139	-261	1,872
Denmark	192	105	3,750	669	548	8,467
Finland	400	-140	836	1,372	3,526	11,704
France	-7,407	1,391	57,863	4,224	2,869	88,325
Germany	-6,449	1,871	67,729	1,898	4,487	56,690
Greece	56	7	137	13	-7	58
Guernsey	263	1,414	16,806	334	405	47,615
Hong Kong SAR	2,179	1,337	12,540	619	962	13,200
Ireland	359	-48	2,222	-908	-75	2,720
Isle of Man	-228	-261	120	-517	-7	324
Japan	2,895	-1,171	25,787	-2,159	-185	7,414
Jersey	-520	877	3,560	-892	-256	15,362
Korea	857	-742	809	-227	-251	1,982
Luxembourg	748	21	31,975	465	-238	44,131
Macao SAR	0	1	4	-35	-22	178
Mexico	-6	23	27	-26	4	41
Netherlands	1,138	6,671	35,315	-343	2,084	28,924
South Africa	-141	-288	538	-301	-101	399
Spain	286	97	6,040	-368	514	5,260
Sweden	240	-52	1,840	552	55	2,761
Switzerland	...	...	...	...	...	...
United Kingdom	-28,677	19,762	185,188	-60,382	26,528	173,210
United States	-43,692	4,281	50,461	-2,597	2,398	26,743

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	2,783	3,391	74,156	-382	1,188	38,333
By sector of counterparty						
Banks	388	3,026	50,029	735	-151	21,552
Of which: intragroup	582	-102	15,453	-301	-119	9,132
Non-banks	883	411	21,889	-1,300	1,490	16,638
Of which: non-bank financial	386	-727	3,824	-476	1,546	3,498
Of which: non-financial	201	887	9,508	-547	-98	11,490
Unallocated	1,512	-47	2,238	183	-152	143
By currency						
US dollar	1,471	1,256	47,211	-960	427	22,669
Euro	165	-20	1,997	291	33	2,134
Yen	-314	736	4,760	60	-207	2,024
Pound sterling	-26	35	467	61	327	2,445
Swiss franc	-23	60	406	7	7	467
Other currencies	-176	160	904	139	561	5,376
Unallocated	1,684	1,163	18,411	19	40	3,218
By instrument						
Loans and deposits	-60	2,611	57,590	-603	1,115	33,334
By sector of counterparty						
Banks	-462	2,018	38,399	651	-464	17,355
Of which: intragroup	...	...	...	...	...	...
Non-banks	419	592	19,189	-1,248	1,578	15,975
Of which: non-bank financial	261	-718	818	-423	1,547	3,494
Of which: non-financial	67	820	4,744	-462	-60	10,680
Unallocated	-17	0	3	-6	1	4
Debt securities	2,801	297	12,375	-231	96	1,143
Other instruments	40	482	4,191	395	131	3,586
Unallocated	2	1	0	56	-154	269
By location of banking office						
Australia	366	-52	703	118	-15	568
Austria	-4	-1	13	-1	0	34
Belgium	1	14	66	165	-218	679
Brazil	...	...	...	1	1	3
Canada	-56	6	16	-3	-5	91
Chile	0	-1	1	0	0	0
Chinese Taipei	-91	-7	758	-254	111	817
Denmark	4	-4	36	-2	3	57
Finland	-1	0	1	\	\	\
France	444	-310	515	670	-308	700
Germany	504	-445	506	29	184	988
Greece	...	...	...	...	...	...
Guernsey	0	0	10	5	-4	52
Hong Kong SAR	1,104	716	12,403	-769	2,531	12,131
Ireland	6	5	52	2	-1	9
Isle of Man	-1	0	18	-1	-5	278
Japan	-94	520	25,736	336	-140	3,332
Jersey	2	0	18	-5	-7	293
Korea	72	-112	416	-79	101	1,202
Luxembourg	-13	6	65	-56	11	156
Macao SAR	23	-43	142	-463	-777	1,673
Mexico	...	...	...	0	0	0
Netherlands	\	\	\	281	-140	581
South Africa	2	-1	2	0	10	11
Spain	-1	-1	9	0	2	23
Sweden	-21	105	179	74	199	527
Switzerland	48	33	407	-456	125	1,575
United Kingdom	-98	794	3,211	125	-117	2,910
United States	-277	91	983	-2	-634	3,421

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	2,295	1,270	198,183	2,755	-2,366	39,845
By sector of counterparty						
Banks	-1,444	-2,351	104,318	4,074	-2,498	19,340
Of which: intragroup	-477	894	16,280	1,152	-844	4,353
Non-banks	3,696	3,355	93,124	-1,137	27	20,267
Of which: non-bank financial	393	661	10,055	-392	-16	1,083
Of which: non-financial	2,942	785	54,124	-299	75	13,863
Unallocated	43	265	741	-181	105	239
By currency						
US dollar	-133	-487	90,419	2,565	-2,665	23,247
Euro	593	2,109	64,244	-96	574	10,051
Yen	53	44	3,367	49	-37	94
Pound sterling	-7	42	1,128	156	54	749
Swiss franc	-34	-5	1,140	-13	-8	443
Other currencies	-194	157	1,340	-20	54	535
Unallocated	2,018	-591	36,546	114	-337	4,726
By instrument						
Loans and deposits	658	2,052	162,846	3,410	-2,653	35,743
By sector of counterparty						
Banks	-1,870	-1,336	82,802	4,180	-2,567	17,736
Of which: intragroup	...	...	...	...	...	...
Non-banks	2,566	3,387	79,948	-763	-86	18,004
Of which: non-bank financial	154	717	8,248	-366	-64	979
Of which: non-financial	2,105	636	45,699	46	8	11,697
Unallocated	-38	1	95	-7	-1	4
Debt securities	1,178	-653	12,515	0	-9	53
Other instruments	438	-122	22,284	-309	170	1,712
Unallocated	21	-8	538	-345	126	2,337
By location of banking office						
Australia	4	-1	13	-13	-20	38
Austria	-84	215	16,953	92	-96	585
Belgium	-226	1,119	6,588	-139	14	250
Brazil	...	1	1	1	-	1
Canada	-105	-58	1,555	-134	12	45
Chile	-2	0	23	0	0	1
Chinese Taipei	-47	57	545	5	-5	9
Denmark	84	31	435	16	20	174
Finland	17	0	175	\	\	\
France	-255	18	12,900	-313	-142	610
Germany	739	303	23,396	450	-541	3,962
Greece	-831	-3,454	123	-1	-1	73
Guernsey	-2	-9	26	-4	1	6
Hong Kong SAR	152	182	927	7	-8	53
Ireland	183	-204	1,311	5	-4	8
Isle of Man	0	0	2	-1	-1	26
Japan	-55	83	5,768	23	-39	40
Jersey	-3	1,189	1,188	4	-9	51
Korea	151	187	1,898	1	-3	5
Luxembourg	-61	103	4,338	273	-45	1,135
Macao SAR	\	...	...	0	1	1
Mexico	...	0	0	\	0	0
Netherlands	632	-130	17,617	-167	49	3,060
South Africa	-63	1	55	-48	2	22
Spain	264	-8	8,342	23	-10	45
Sweden	-4	-78	868	2	1	13
Switzerland	9	240	6,713	-245	42	6,240
United Kingdom	2,390	-1,296	41,031	2,126	-1,384	7,447
United States	-1,040	-218	4,338	830	-451	4,560

Counterparties resident in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	85,382	123,232	3,801,709	139,068	226,501	4,215,466
By sector of counterparty						
Banks	-8,279	61,733	2,528,645	35,748	122,905	2,737,073
Of which: intragroup	12,068	43,579	1,193,841	-32,206	91,636	1,358,352
Non-banks	68,657	49,455	1,080,469	73,489	86,732	1,098,556
Of which: non-bank financial	39,518	31,683	655,250	48,370	66,095	743,706
Of which: non-financial	16,792	5,787	272,303	11,870	12,655	235,829
Unallocated	25,005	12,045	192,595	29,830	16,864	379,838
By currency						
US dollar	63,252	79,843	1,447,939	48,396	92,997	1,754,207
Euro	41,855	26,295	1,271,915	63,069	115,667	1,523,942
Yen	-3,390	806	145,510	21,602	-6,194	165,882
Pound sterling	-35,639	10,114	599,657	16,893	699	330,957
Swiss franc	-76	6,007	86,697	-16,982	14,980	116,098
Other currencies	21,675	-3,726	152,188	2,670	3,104	210,300
Unallocated	-2,293	3,894	97,802	3,418	5,248	114,080
By instrument						
Loans and deposits	-11,298	93,814	2,652,087	32,751	192,765	3,097,394
By sector of counterparty						
Banks	-38,644	66,795	1,943,153	-3,088	130,797	2,205,437
Of which: intragroup	...	...	...	...	...	...
Non-banks	27,445	26,975	708,584	34,538	59,578	859,448
Of which: non-bank financial	13,283	12,602	431,890	26,562	36,790	526,677
Of which: non-financial	7,658	6,959	166,446	9,653	12,049	206,101
Unallocated	-99	44	350	1,301	2,390	32,510
Debt securities	17,478	-4,706	307,412	13,209	9,330	358,540
Other instruments	78,634	32,690	827,531	92,604	25,058	755,197
Unallocated	568	1,435	14,679	503	-652	4,335
By location of banking office						
Australia	22,390	2,136	170,047	37,657	-663	298,950
Austria	3,533	-1,534	16,890	685	-409	19,112
Belgium	19,552	1,962	157,956	19,481	6,987	157,112
Brazil	-768	331	4,225	16	400	6,073
Canada	-7,112	869	53,652	-6,755	12,547	86,649
Chile	22	365	2,099	303	276	2,002
Chinese Taipei	4,509	-1,354	23,678	-1,395	-772	18,617
Denmark	2,204	1,198	36,645	976	4,104	40,801
Finland	5,072	-770	55,486	1,708	361	57,004
France	-5,609	8,091	377,407	285	13,232	451,583
Germany	22,827	14,253	353,389	24,243	50,897	302,847
Greece	-4	-1,024	32,525	3,351	2,799	13,763
Guernsey	-2,027	4,233	56,730	197	452	8,673
Hong Kong SAR	-3,096	-4,615	111,995	1,560	9,801	105,344
Ireland	8,015	-2,201	103,180	-3,919	-1,611	90,175
Isle of Man	-679	-458	37,638	-50	285	16,340
Japan	10,764	27,109	294,606	32,306	23,617	398,583
Jersey	-3,892	828	109,906	-4,401	-3,430	29,588
Korea	-231	455	6,445	1,243	-811	36,555
Luxembourg	727	3,239	69,751	-1,361	4,990	27,553
Macao SAR	-306	123	2,342	38	-84	77
Mexico	10	-222	541	-138	390	939
Netherlands	32,104	2,789	351,114	36,204	45,314	392,439
South Africa	-4,628	1,830	18,124	-4,336	-978	15,146
Spain	808	-3,954	54,917	-627	2,226	43,356
Sweden	2,351	6,476	55,411	171	3,262	42,602
Switzerland	-46,623	13,787	179,131	-9,623	20,311	205,467
United Kingdom	...	...	...	...	...	...
United States	47,652	42,276	705,925	-22,044	395	800,277

Counterparties resident in the 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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	118,131	49,290	4,930,451	43,221	101,716	3,517,167
By sector of counterparty						
Banks	-44,482	45,687	2,146,373	-9,299	-6,969	1,884,238
Of which: intragroup	-10,934	66,420	600,761	-17,232	4,158	720,736
Non-banks	165,069	-3,242	2,721,915	48,870	114,778	1,487,728
Of which: non-bank financial	58,246	64,436	1,091,574	17,229	136,942	843,354
Of which: non-financial	93,018	-60,515	1,298,952	14,247	-6,587	236,790
Unallocated	-2,457	6,845	62,163	3,651	-6,092	145,201
By currency						
US dollar	97,677	42,831	4,327,189	16,442	81,211	2,768,335
Euro	9,504	2,621	270,869	3,369	19,881	329,789
Yen	1,247	6,584	93,925	5,242	8,006	87,651
Pound sterling	-562	8,618	58,805	6,686	-4,098	77,992
Swiss franc	1,303	2,751	50,759	-1,396	2,496	17,154
Other currencies	5,783	-3,149	58,159	11,706	1,803	167,926
Unallocated	3,180	-10,966	70,745	1,172	-7,583	68,319
By instrument						
Loans and deposits	19,562	50,288	3,043,075	56,680	106,770	3,021,322
By sector of counterparty						
Banks	-61,716	18,367	1,716,560	1,629	-7,227	1,593,557
Of which: intragroup	...	...	...	...	...	...
Non-banks	81,061	32,604	1,324,347	54,533	114,754	1,396,015
Of which: non-bank financial	52,123	27,275	735,066	19,617	117,655	704,487
Of which: non-financial	13,777	1,438	209,660	6,661	958	203,893
Unallocated	217	-684	2,168	518	-756	31,751
Debt securities	118,351	-33,562	1,481,441	-19,301	-3,817	287,690
Other instruments	-19,861	32,701	405,532	5,749	-1,307	206,994
Unallocated	79	-138	404	94	70	1,160
By location of banking office						
Australia	-3,202	438	79,463	-17,581	24	237,666
Austria	278	-1,525	9,395	14	-140	2,050
Belgium	7,400	-6,233	46,355	5,203	1,244	27,114
Brazil	-543	6,181	18,802	-4,749	-1,065	50,966
Canada	7,574	27,374	280,560	-2,316	17,964	263,240
Chile	-459	27	8,950	-364	-337	13,918
Chinese Taipei	740	3,927	43,245	726	-509	9,049
Denmark	-149	-333	10,160	-205	-271	7,196
Finland	\	\	\	-7,708	1,395	20,696
France	44,035	35,761	290,407	58,208	40,004	316,009
Germany	5,089	1,630	155,356	6,778	3,137	73,702
Greece	36	45	416	-11	3	1,553
Guernsey	-18	-1,740	30,339	120	-148	6,703
Hong Kong SAR	-5,775	-12,994	122,975	-1,759	5,572	52,939
Ireland	-496	-5,165	22,194	-7,816	632	17,958
Isle of Man	-47	-93	600	5	63	1,332
Japan	109,444	24,429	1,206,814	18,785	32,142	508,999
Jersey	-543	-5,999	3,601	-1,008	-498	3,275
Korea	469	-690	25,266	-2,062	3,957	41,833
Luxembourg	4,691	476	41,341	-70	-1,835	7,298
Macao SAR	-3,945	4,380	8,628	-1,045	1,764	2,311
Mexico	4,995	-4,086	8,965	2,602	-965	20,358
Netherlands	-256	4,076	115,696	14,974	-956	99,626
South Africa	-903	-494	3,575	-310	-347	2,052
Spain	562	813	60,308	148	-424	8,102
Sweden	-5,542	-7,262	16,647	10,407	4,000	40,673
Switzerland	3,004	4,772	100,721	-46,008	9,838	47,136
United Kingdom	-50,856	181	1,044,511	13,374	31,490	843,247
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 understate 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.

Canadian banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-94,715	26,770	914,100	-70,393	38,087	759,417
By sector of counterparty						
Banks	-66,868	3,032	537,331	-80,426	-9,647	446,190
Of which: intragroup	-54,155	-2,335	414,654	-64,083	-17,221	319,222
Non-banks	-28,178	23,900	375,082	4,203	41,969	229,397
Of which: non-bank financial	-11,710	4,437	166,623	-292	25,969	89,883
Of which: non-financial	-6,511	10,057	131,818	5,040	6,175	98,112
Unallocated	332	-162	1,688	5,831	5,765	83,830
By currency						
Of which: US dollar	-64,576	11,473	612,168	-52,577	26,437	507,332
Of which: euro	-7,915	2,709	55,659	5,324	1,790	54,370
Of which: yen	397	-94	16,391	78	964	2,989
By instrument						
Of which: debt securities	.	.	.	-60	63	9,222
Local positions in foreign currencies	3,314	1,602	123,661	10,209	14,104	257,525
By sector of counterparty						
Banks	-2,605	5,415	32,769	-1,132	2,599	22,145
Non-banks	5,442	-3,936	90,260	5,822	4,642	117,287
Of which: non-bank financial	-1,381	-3,336	15,718	905	1,283	16,113
Of which: non-financial	7,387	1,192	51,596	5,126	5,227	76,024
Unallocated	477	122	632	5,519	6,863	118,094
By currency						
Of which: US dollar	2,509	264	100,592	5,517	19,386	202,612
Of which: euro	1,837	-51	15,496	3,933	752	35,420
Of which: yen	-364	786	1,445	-60	183	1,147
By instrument						
Of which: debt securities	.	.	.	130	0	137
Local positions in local currencies	26,331	34,168	1,872,752	22,829	45,251	1,310,890
Of which: parent country	31,108	32,764	1,776,244	25,975	38,213	1,238,316

Dutch banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	112,782	63,054	1,632,684	95,826	63,775	1,306,982
By sector of counterparty						
Banks	35,695	13,051	701,598	20,553	22,658	565,072
Of which: intragroup	18,081	5,704	469,180	13,335	14,993	398,547
Non-banks	37,464	29,153	679,661	28,110	22,178	455,775
Of which: non-bank financial	23,098	17,642	300,533	19,787	14,038	200,323
Of which: non-financial	13,450	10,428	341,735	9,574	4,698	237,392
Unallocated	39,623	20,850	251,426	47,162	18,940	286,135
By currency						
Of which: US dollar	-1,621	45,521	474,660	933	29,859	364,673
Of which: euro	105,935	31,144	914,859	93,732	41,286	739,341
Of which: yen	1,404	-1,462	17,195	253	343	13,452
By instrument						
Of which: debt securities	.	.	.	353	-942	3,160
Local positions in foreign currencies	2,297	4,969	77,981	7,068	-5,467	69,957
By sector of counterparty						
Banks	-1,577	1,894	8,477	-15	-1,634	6,399
Non-banks	3,230	2,026	63,220	3,304	-1,457	57,686
Of which: non-bank financial	1,878	-546	20,923	2,464	-383	24,692
Of which: non-financial	1,746	2,094	36,707	1,394	-458	30,898
Unallocated	644	1,049	6,284	3,779	-2,376	5,872
By currency						
Of which: US dollar	-818	3,216	56,141	6,094	-4,159	53,722
Of which: euro	-84	1,607	5,767	-690	-508	2,614
Of which: yen	899	-85	1,640	187	-381	748
By instrument						
Of which: debt securities	.	.	.	-3	65	336
Local positions in local currencies	51,052	-23,803	1,923,858	42,016	-8,645	1,514,968
Of which: parent country	47,554	-30,171	1,511,498	28,329	-11,242	1,005,166

French banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	154,015	3,581	3,039,147	120,990	89,568	3,009,601
By sector of counterparty						
Banks	44,001	37,823	1,779,336	15,505	47,302	1,449,338
Of which: intragroup	6,930	68,943	1,207,742	-30,001	39,072	944,692
Non-banks	111,265	-46,475	1,174,091	107,201	35,884	874,429
Of which: non-bank financial	73,915	-8,976	543,998	88,453	34,295	506,098
Of which: non-financial	26,554	-21,617	536,713	12,568	12,088	243,052
Unallocated	-1,251	12,234	85,720	-1,716	6,382	685,833
By currency						
Of which: US dollar	101,389	65,754	992,006	110,663	101,394	1,099,819
Of which: euro	49,239	-71,417	1,479,747	17,900	-4,273	1,470,228
Of which: yen	17,702	-1,863	169,074	-1,169	-7,215	115,794
By instrument						
Of which: debt securities	.	.	.	2,663	14,652	626,672
Local positions in foreign currencies	14,261	34,681	299,990	14,582	30,109	313,548
By sector of counterparty						
Banks	11,408	17,362	156,283	13,164	27,704	183,413
Non-banks	3,448	15,261	139,075	1,389	1,592	128,559
Of which: non-bank financial	3,170	6,382	45,512	1,243	-2,321	57,809
Of which: non-financial	286	8,719	81,514	280	4,102	51,689
Unallocated	-595	2,057	4,632	29	813	1,576
By currency						
Of which: US dollar	4,718	35,839	191,032	6,108	30,118	210,452
Of which: euro	392	-357	11,311	523	205	16,422
Of which: yen	-723	2,679	8,107	8,385	-985	20,631
By instrument						
Of which: debt securities	.	.	.	116	-236	17,302
Local positions in local currencies	15,900	89,760	5,492,927	22,104	34,818	5,165,931
Of which: parent country	3,972	68,769	4,707,896	-2,069	14,518	4,465,937

German banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-7,050	95,225	2,868,223	46,973	84,930	2,528,000
By sector of counterparty						
Banks	-18,857	68,516	1,637,168	25,921	50,827	1,385,367
Of which: intragroup	-19,463	58,795	977,757	5,069	61,732	946,777
Non-banks	12,481	26,075	1,225,882	9,273	20,334	458,700
Of which: non-bank financial	5,571	4,570	240,526	15,221	13,145	140,716
Of which: non-financial	22,498	-4,197	609,537	6,743	2,923	144,147
Unallocated	-673	634	5,174	11,779	13,769	683,933
By currency						
Of which: US dollar	-27,471	44,425	1,005,543	6,921	41,657	1,119,385
Of which: euro	16,270	39,495	1,499,651	32,748	44,739	1,057,963
Of which: yen	7,386	-733	49,126	4,667	-3,472	34,952
By instrument						
Of which: debt securities	.	.	.	13,032	13,698	701,708
Local positions in foreign currencies	2,302	-5,768	189,884	5,746	5,473	193,228
By sector of counterparty						
Banks	1,741	-2,232	88,113	-1,434	473	70,129
Non-banks	476	-3,513	101,636	8,252	4,212	91,176
Of which: non-bank financial	46	29	11,735	-773	1,580	16,996
Of which: non-financial	-2,089	-4,775	45,487	562	1,689	44,756
Unallocated	85	-23	135	-1,072	788	31,923
By currency						
Of which: US dollar	3,118	-4,867	110,768	6,551	4,825	126,327
Of which: euro	203	374	32,153	-1,053	-215	15,804
Of which: yen	147	715	5,966	1,412	327	6,250
By instrument						
Of which: debt securities	.	.	.	-1,260	576	32,412
Local positions in local currencies	26,994	17,998	4,963,616	-6,917	12,843	4,762,093
Of which: parent country	26,810	17,284	4,734,150	-8,906	8,423	4,598,806

Japanese banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	97,579	75,409	4,441,977	16,327	86,238	2,107,197
By sector of counterparty						
Banks	-40,060	72,063	1,761,878	11,751	43,940	1,654,496
Of which: intragroup	-31,298	54,569	1,174,554	-54,317	33,272	956,610
Non-banks	137,214	3,520	2,679,454	4,616	44,019	432,513
Of which: non-bank financial	14,977	69,152	890,539	-4,195	32,609	251,122
Of which: non-financial	121,178	-72,567	1,656,121	2,559	-5,932	74,399
Unallocated	426	-174	645	-40	-1,722	20,188
By currency						
Of which: US dollar	92,002	60,450	2,516,329	-9,908	71,999	1,345,423
Of which: euro	6,369	10,321	513,271	3,146	9,036	246,703
Of which: yen	-1,474	-25,026	897,775	14,651	-1,642	273,133
By instrument						
Of which: debt securities	.	.	.	1,536	-2,380	30,911
Local positions in foreign currencies	30,731	12,406	587,245	40,748	43,953	814,403
By sector of counterparty						
Banks	22,415	1,570	309,785	21,413	21,447	378,276
Non-banks	8,309	10,859	277,379	19,363	22,518	436,061
Of which: non-bank financial	3,301	1,556	43,540	11,877	-7,089	132,338
Of which: non-financial	5,630	8,212	185,195	15,157	25,123	252,115
Unallocated	7	-23	81	-28	-12	67
By currency						
Of which: US dollar	37,977	3,576	507,976	50,931	25,403	651,548
Of which: euro	-8,710	2,613	40,615	-8,612	7,235	101,223
Of which: yen	-194	683	5,891	-1,005	-1,872	9,728
By instrument						
Of which: debt securities	.	.	.	-194	-449	227
Local positions in local currencies	517,615	107,314	19,439,481	425,436	49,317	20,487,059
Of which: parent country	509,710	93,364	19,198,155	424,244	39,753	20,369,500

Spanish banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	16,386	-4,066	586,960	6,593	-12,949	487,548
By sector of counterparty						
Banks	5,200	-8,345	283,961	-4,249	-381	368,812
Of which: intragroup	7,410	3,209	169,679	-2,657	884	138,505
Non-banks	11,134	4,392	302,392	12,535	-12,115	115,296
Of which: non-bank financial	273	-328	6,294	-934	-436	8,099
Of which: non-financial	-6	1,154	19,735	2,340	-728	20,128
Unallocated	52	-112	608	-1,693	-453	3,440
By currency						
Of which: US dollar	3,602	-3,308	206,261	-8,377	-3,430	187,237
Of which: euro	5,905	-179	265,082	16,036	-9,672	265,886
Of which: yen	-1,098	-1,242	10,445	7	-145	2,298
By instrument						
Of which: debt securities	.	.	.	-3,398	-2,674	42,355
Local positions in foreign currencies	3,789	-21,508	95,730	9,690	-22,987	108,577
By sector of counterparty						
Banks	4,108	-24,120	21,625	3,684	-24,984	25,114
Non-banks	-197	2,520	71,182	5,563	2,858	79,822
Of which: non-bank financial	-405	-173	797	-127	125	366
Of which: non-financial	315	-251	17,660	3,447	-904	20,937
Unallocated	-122	91	2,923	443	-862	3,642
By currency						
Of which: US dollar	3,052	-2,097	67,432	7,759	-1,408	87,027
Of which: euro	619	-18,815	16,455	116	-20,772	12,807
Of which: yen	14	-60	5,299	619	-107	1,894
By instrument						
Of which: debt securities	.	.	.	1,817	-525	2,840
Local positions in local currencies	-52,013	52,242	2,815,673	-32,932	65,326	2,458,595
Of which: parent country	-56,003	22,847	1,959,640	-38,326	40,232	1,725,975

Swedish banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	75,156	-30,661	809,432	132,644	-33,177	747,540
By sector of counterparty						
Banks	55,689	-29,889	564,677	74,880	-19,110	535,181
Of which: intragroup	46,236	-18,093	391,618	53,026	-19,784	343,452
Non-banks	16,391	-470	236,663	58,389	-15,336	172,168
Of which: non-bank financial	11,193	392	95,992	20,264	-834	67,213
Of which: non-financial	4,940	-949	132,428	3,276	-3,530	56,519
Unallocated	3,076	-302	8,092	-624	1,270	40,190
By currency						
Of which: US dollar	10,703	-7,945	233,802	56,611	-16,186	252,398
Of which: euro	32,782	-8,103	306,534	47,321	-2,219	279,756
Of which: yen	1,138	1,121	5,075	78	609	2,096
By instrument						
Of which: debt securities	.	.	.	-477	-488	26,135
Local positions in foreign currencies	753	2,778	68,747	3,369	-3,890	53,157
By sector of counterparty						
Banks	-1,173	1,026	14,745	460	331	14,934
Non-banks	1,864	2,097	53,606	1,336	-3,251	37,757
Of which: non-bank financial	1,996	556	7,037	1,865	-1,710	10,701
Of which: non-financial	-301	1,697	45,463	-1,135	-922	24,252
Unallocated	62	-345	396	1,573	-970	466
By currency						
Of which: US dollar	1,415	1,725	28,541	3,606	-1,291	22,011
Of which: euro	-1,022	1,772	28,381	-2,164	107	20,212
Of which: yen	147	-12	430	110	-45	479
By instrument						
Of which: debt securities	.	.	.	59	-40	224
Local positions in local currencies	45,078	35,016	1,215,702	16,992	22,359	816,089
Of which: parent country	13,730	30,192	793,304	12,198	21,725	612,268

Swiss banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	-103,318	22,252	1,820,997	-73,355	-5,479	1,645,473
By sector of counterparty						
Banks	-115,123	46,936	979,782	-80,977	10,591	884,556
Of which: intragroup	-114,528	40,185	645,749	-91,471	49,044	610,863
Non-banks	11,065	-23,416	837,581	7,580	-2,486	757,404
Of which: non-bank financial	-11,775	-2,132	236,116	-10,076	-1,792	243,416
Of which: non-financial	1,919	4,567	175,290	11,315	3,097	266,596
Unallocated	739	-1,268	3,634	42	-13,584	3,513
By currency						
Of which: US dollar	-24,677	28,704	1,040,439	-2,962	3,262	940,083
Of which: euro	-19,632	9,380	296,348	-4,459	-632	272,763
Of which: yen	6,734	-7,819	52,992	-7,157	-3,208	43,648
By instrument						
Of which: debt securities	.	.	.	3,274	-6,022	138,606
Local positions in foreign currencies	9,534	8,425	236,768	2,685	3,334	335,735
By sector of counterparty						
Banks	-30	3,549	108,892	2,138	-5,153	106,347
Non-banks	9,658	4,170	126,662	194	8,132	227,915
Of which: non-bank financial	1,194	134	12,222	4,318	2,559	65,892
Of which: non-financial	5,631	-257	27,056	2,924	1,709	101,021
Unallocated	-94	705	1,213	354	355	1,473
By currency						
Of which: US dollar	4,123	5,011	113,473	5,526	1,553	172,104
Of which: euro	2,807	3,057	96,480	-4,410	1,215	116,759
Of which: yen	679	662	6,626	421	333	7,770
By instrument						
Of which: debt securities	.	.	.	-588	-1,031	830
Local positions in local currencies	25,399	261	1,393,747	8,509	-2,168	968,891
Of which: parent country	26,633	-8,857	1,254,329	7,941	-3,396	899,825

UK banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	25,837	49,551	2,650,948	54,359	90,242	2,427,843
By sector of counterparty						
Banks	20,184	34,883	1,396,064	45,603	28,707	1,409,783
Of which: intragroup	31,265	10,201	971,710	9,099	8,332	947,924
Non-banks	4,235	17,892	1,249,145	10,649	65,511	1,002,198
Of which: non-bank financial	17,486	3,212	132,632	19,225	10,030	139,070
Of which: non-financial	-2,847	-8,961	215,592	6,094	-7,852	251,443
Unallocated	1,418	-3,224	5,738	-1,893	-3,975	15,862
By currency						
Of which: US dollar	27,374	23,566	1,264,276	65,341	36,192	1,134,650
Of which: euro	-15,853	62	699,815	-22,625	41,082	602,619
Of which: yen	3,178	3,463	137,692	-2,418	-2,036	70,457
By instrument						
Of which: debt securities	.	.	.	-18,015	-4,987	251,935
Local positions in foreign currencies	3,126	16,758	438,685	28,325	12,056	637,413
By sector of counterparty						
Banks	-4,088	6,552	137,597	-3,396	12,888	120,926
Non-banks	7,205	10,115	300,706	31,841	-763	515,667
Of which: non-bank financial	627	404	9,844	94	-1,050	40,098
Of which: non-financial	-3,494	3,283	58,662	4,871	-8,619	153,198
Unallocated	8	91	382	-120	-69	820
By currency						
Of which: US dollar	1,056	4,463	240,098	15,508	-2,676	349,879
Of which: euro	364	9,372	143,035	12,636	12,127	186,673
Of which: yen	1,124	2,427	15,721	1,713	224	22,177
By instrument						
Of which: debt securities	.	.	.	389	-997	5,781
Local positions in local currencies	95,159	73,469	5,217,023	33,382	42,920	4,458,748
Of which: parent country	93,563	25,886	4,275,300	34,609	44,557	3,658,236

US banks

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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	41,881	80,855	3,108,931	41,910	100,284	3,764,302
By sector of counterparty						
Banks	-168	36,231	1,806,812	14,874	22,431	1,812,561
Of which: intragroup	-4,489	25,880	1,215,023	4,482	33,453	1,167,296
Non-banks	38,898	44,806	1,287,333	25,222	76,496	1,926,586
Of which: non-bank financial	42,001	34,502	552,169	15,603	48,270	738,199
Of which: non-financial	13,617	13,695	262,326	9,388	2,290	390,693
Unallocated	3,152	-182	14,786	1,813	1,357	25,155
By currency						
Of which: US dollar	-8,591	56,142	2,045,990	-9,127	36,383	2,645,052
Of which: euro	25,141	4,677	508,460	17,153	58,225	519,119
Of which: yen	260	10,177	133,182	23,513	-5,232	132,687
By instrument						
Of which: debt securities	.	.	.	-400	6,996	125,455
Local positions in foreign currencies	-16,106	-10,234	348,117	-2,611	-13,779	430,570
By sector of counterparty						
Banks	-17,344	-16,370	179,437	-19,532	-19,982	168,890
Non-banks	1,197	6,111	168,352	15,508	4,382	243,059
Of which: non-bank financial	406	-2,903	14,083	604	307	44,116
Of which: non-financial	1,562	4,188	31,268	4,331	1,749	51,055
Unallocated	41	25	329	1,413	1,821	18,621
By currency						
Of which: US dollar	-310	-5,954	195,001	2,673	-8,906	264,653
Of which: euro	-14,003	-4,564	108,013	-6,433	-4,911	103,863
Of which: yen	-2,422	2,723	10,764	-1,199	880	13,071
By instrument						
Of which: debt securities	.	.	.	377	-71	422
Local positions in local currencies	13,323	48,638	622,398	1,695	-23,360	378,600
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
	Q1 16	Q2 16	Q2 16	Q1 16	Q2 16	Q2 16
Cross-border positions	2,023	39,257	297,284	32,202	27,425	967,600
By currency						
US dollar	7,242	2,526	114,780	38,203	-6,009	605,147
Euro	-7,218	16,605	69,175	-4,184	31,567	157,627
Yen	-1,151	1,588	8,483	71	1,410	21,507
Pound sterling	1,106	1,985	16,050	-2,883	-1,393	68,974
Swiss franc	-3,197	9,874	37,817	170	616	2,325
Other currencies	2,894	5,684	35,374	-4,747	1,660	41,128
Unallocated	2,346	995	15,606	5,572	-426	70,892
By instrument						
of which: loans	-1,293	38,425	258,374	33,769	25,608	934,082
of which: debt securities	527	-641	30,748	-583	771	21,569
By location of banking office						
Euro area	-233	13,289	82,860	12,640	20,334	234,412
Japan	9	-131	300	-40	-471	17,523
Switzerland	-301	768	3,769	-1,731	1,320	20,765
United Kingdom	-11,844	14,244	59,110	-2,285	4,969	302,575
United States	3,884	2,447	49,318	19,052	-3,233	141,938
Other locations	8,019	-4,039	-29,636	-2,357	17,749	-248,390
By nationality of bank						
of which: Canada	-2,567	2,841	8,729	1,124	4,015	45,315
of which: France	704	11,612	32,399	956	15,683	110,419
of which: Germany	-1,087	5,084	26,847	9,003	-1,406	85,271
of which: Japan	-1,500	4,433	7,963	-1,104	972	81,280
of which: Netherlands	286	2,014	19,795	-835	2,849	26,686
of which: Spain	583	-231	2,491	668	-4,414	28,490
of which: Sweden	-819	-2,630	4,681	6,032	8,755	37,364
of which: Switzerland	-6,475	-514	11,802	-5,990	182	34,400
of which: United Kingdom	-135	6,656	25,831	3,922	9,282	101,291
of which: United States	2,253	3,518	63,057	23,627	-4,258	126,904
Local positions in foreign currencies	3,585	-2,434	63,464	22,564	-2,728	77,874
Local positions in local currencies	70,135	119,610	2,716,323	-20,573	11,070	1,022,238

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-June 2016. No data are carried forward from previous quarters.

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

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.

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						
	Q2 16	Q2 16	Q2 16	Q2 16						
All bank nationalities	26,930.0	24,200.3	52,656.8	52,119.9	79,377.3	73,713.5	52,053.7	7,230.9	5,874.9	5,324.1
Of which: parents in CBS rep countries	25,638.2	24,200.3	52,153.4	52,119.9	79,184.9	73,390.9	51,795.6	7,192.3	5,856.8	5,310.2
Australia	700.0	692.7	...	...	3,001.4	2,813.8	1,711.0	641.2	186.9	187.6
Austria	331.0	327.3	337.9	341.6	668.9	...	...	...	...	...
Belgium	210.0	209.4	269.2	269.9	524.7	495.1	366.4	69.1	51.9	29.6
Brazil	160.4	...	...	...	...	...	...	...	...	...
Canada	1,356.5	1,355.9	1,883.7	1,884.3	3,751.2	3,540.2	3,055.4	29.6	263.8	210.9
Chile	9.6	9.5	158.2	158.3	...	145.0	104.9	28.7	6.9	...
Chinese Taipei	287.4	260.8	1,028.0	1,054.6	1,369.6	1,273.5	1,135.7	49.4	11.3	96.0
Denmark	237.5	...	558.7	...	907.1	859.4	305.8	433.1	109.5	\
Finland	30.1	30.2	80.7	80.7	124.3	118.5	37.3	57.2	10.6	5.9
France	2,632.0	2,620.8	3,791.0	3,802.5	7,646.2	7,217.2	4,209.2	...	1,060.7	428.9
Germany	2,332.5	2,054.4	4,787.0	5,065.1	\	7,812.9	5,375.3	1,397.7	1,039.9	\
Greece	111.4	110.9	262.5	263.0	353.9	313.1	298.7	2.0	8.9	40.7
Hong Kong SAR	\	\	\	\	\	\	\	\	\	\
India	92.6	70.6	...	...	1,822.5	1,814.9	1,355.1	34.8	57.5	7.6
Ireland	95.6	95.7	162.6	162.5	290.9	\	\	\	\	\
Italy	782.3	779.8	2,658.2	2,660.7	3,834.7	3,567.1	2,603.7	527.3	196.2	267.6
Japan	3,927.2	3,768.0	15,652.5	15,811.7	\	\	\	\	\	\
Korea	157.0	151.0	1,582.0	1,588.0	1,940.3	1,789.8	1,267.9	349.2	17.9	150.4
Luxembourg	\	...	\	...	...	\	\	\	\	...
Mexico	7.0	...	...	...	...	...	...	...	...	...
Netherlands	1,192.8	1,152.7	1,308.3	1,311.4	2,740.6	2,595.5	1,560.2	746.6	225.2	145.1
Panama	20.6	...	...	...	...	...	...	...	...	...
Portugal	93.3	94.4	...	...	...	...	...	...	...	...
Singapore	444.1	444.8	329.5	328.8	817.4	737.3	\	\	\	80.0
Spain	1,562.9	1,551.5	1,845.2	1,856.6	...	...	...	...	...	...
Sweden	842.0	832.7	694.7	703.9	1,703.1	1,612.7	728.1	682.9	133.4	90.4
Switzerland	1,545.6	1,172.8	1,297.9	1,345.4	2,912.2	2,747.8	1,943.2	453.3	243.2	164.4
Turkey	17.3	17.4	583.0	583.0	600.3	534.3	460.3	27.7	3.6	66.1
United Kingdom	3,200.0	3,220.2	2,389.1	2,368.9	7,970.9	7,474.7	4,330.9	596.1	1,528.1	496.2
United States	3,026.0	2,986.2	10,277.9	10,317.8	14,102.7	12,517.2	8,585.8	580.4	288.7	1,585.5

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

Nationality of CBS-reporting bank	Foreign claims	International claims								Local positions in local currencies		Net risk transfers
		Total	By remaining maturity			By sector of counterparty				Claims	Liabilities	
			Up to and including one year	Over one year up to two years	Over two years	Banks	Official sector	Non-bank private sector				
								Total	Of which: Non-bank financial			
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	
All bank nationalities	26,930.0	16,053.9	7,111.2	807.5	5,429.1	4,244.7	3,163.7	8,601.8	3,134.3	10,860.6	8,327.0	-638.3
Of which: parents in CBS rep countries	25,638.2	14,845.4	6,438.9	727.5	5,036.7	3,614.5	3,000.2	8,189.9	3,067.5	10,777.4	8,301.5	-636.1
Australia	700.0	284.6	148.1	20.9	112.8	80.0	56.8	147.4	...	415.4	294.4	-7.4
Austria	331.0	191.5	63.2	15.1	92.0	47.4	44.5	91.7	...	139.5	115.0	-3.7
Belgium	210.0	122.6	59.1	5.6	55.7	53.0	32.1	37.2	14.6	87.5	52.0	-0.6
Brazil	160.4	122.0	65.7	9.3	19.1	71.0	1.3	42.0	...	38.4	44.7	-0.5
Canada	1,356.5	461.6	230.9	40.5	145.6	86.2	113.8	260.0	120.8	894.8	584.1	-0.6
Chile	9.6	7.6	3.1	0.4	1.5	4.6	0.0	1.6	...	1.9	4.6	-0.1
Chinese Taipei	287.4	212.7	111.7	20.3	80.7	92.2	10.1	110.3	19.4	74.7	41.5	-26.5
Denmark	237.5	113.0	56.1	1.3	35.1	25.8	20.7	65.6	36.2	124.5	405.7	...
Finland	30.1	27.7	6.8	\	18.0	17.1	\	3.0	\	2.5	1.0	\
France	2,632.0	1,426.6	654.4	113.3	509.7	490.8	282.9	650.1	179.6	1,205.4	859.1	-11.2
Germany	2,332.5	1,839.6	786.9	...	416.7	538.6	293.7	1,007.3	220.6	492.9	264.8	-278.1
Greece	111.4	91.5	22.5	9.4	58.9	11.9	46.7	32.9	3.0	19.9	16.0	-0.5
Hong Kong SAR	\	\	\	\	\	\	\	\	\	\	\	\
India	92.6	80.9	59.3	4.0	17.1	29.1	0.4	50.2	2.1	11.6	7.9	-21.9
Ireland	95.6	34.0	\	\	\	10.5	\	\	\	\	\	0.1
Italy	782.3	420.2	140.2	33.4	204.2	89.1	107.5	223.1	65.7	362.1	374.9	-2.5
Japan	3,927.2	3,105.6	394.7	178.9	1,444.4	392.1	838.5	1,875.0	793.3	821.6	652.8	-159.2
Korea	157.0	130.6	72.4	7.0	49.1	43.7	5.3	81.6	10.0	26.4	19.9	-6.0
Luxembourg	\	\	\	\	\	\	\	\	\	...	...	...
Mexico	7.0	7.0	4.9	0.0	1.3	4.3	0.1	2.6	...	...	...	...
Netherlands	1,192.8	582.3	303.6	37.0	215.9	173.8	133.6	274.8	89.0	610.5	550.3	-40.1
Panama	20.6	20.6	10.9	2.1	7.6	13.1	0.7	6.7	...	...	...	...
Portugal	93.3	56.6	16.6	2.1	28.4	8.5	15.6	32.3	...	36.7	30.9	1.1
Singapore	444.1	248.1	\	\	\	\	\	\	\	196.0	\	0.7
Spain	1,562.9	401.1	193.1	21.3	186.7	88.1	95.2	217.8	...	1,161.8	1,003.7	-11.4
Sweden	842.0	301.4	158.2	23.2	97.9	68.1	47.1	184.8	76.1	540.6	579.4	-9.3
Switzerland	1,545.6	975.9	571.0	74.2	253.3	283.0	113.0	566.1	303.0	554.3	231.6	-47.5
Turkey	17.3	15.1	7.0	0.5	4.4	7.5	0.4	6.8	1.1	2.2	0.4	0.0
United Kingdom	3,200.0	1,455.3	669.5	65.0	265.6	330.0	353.6	771.7	326.5	1,744.7	1,184.8	20.2
United States	3,026.0	1,944.7	1,383.6	...	561.1	410.4	323.4	1,210.8	754.9	1,081.4	750.8	-38.5

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		Derivatives contracts	Guarantees extended	Credit commitments
		Banks	Official sector	Non-bank private sector		Cross-border claims	Local claims			
	Total			Of which: Non-bank financial	Q2 16			Q2 16	Q2 16	Q2 16
Parents in CBS-rep countries¹	24,200.3	3,871.2	6,434.9	13,675.8	3,810.3	12,288.5	11,911.8	3,761.7	4,057.0	4,024.1
Australia	692.7	97.3	175.9	419.2	...	226.4	466.3	66.9	28.6	65.4
Austria	327.3	56.0	80.7	180.9	...	192.0	135.3	22.5	15.6	38.3
Belgium	209.4	48.5	64.0	95.2	15.9	115.4	94.0	48.9	8.5	18.5
Canada	1,355.9	108.0	394.3	842.8	331.2	401.5	954.4	178.8	52.7	309.7
Chile	9.5	5.9	0.0	2.0	...	7.5	2.0	1.3	...	...
Chinese Taipei	260.8	101.0	24.5	135.4	20.7	174.5	86.4	5.4	3.4	59.1
Finland	30.2	17.2	7.6	5.4	1.1	27.6	2.5	10.9	\	1.4
France	2,620.8	519.5	710.0	1,388.6	273.6	1,292.3	1,328.5	169.4	178.8	538.6
Germany	2,054.4	500.9	460.4	955.3	231.4	1,292.1	762.3	907.7	331.5	269.8
Greece	110.9	12.3	52.1	46.3	3.3	79.8	31.1	1.7	1.2	1.0
India	70.6	26.2	1.3	41.8	0.2	50.0	20.7	53.2	28.8	1.8
Ireland	95.7	12.0	14.8	68.9	\	33.3	\	7.0	0.5	3.2
Italy	779.8	114.4	208.4	456.3	97.1	347.4	432.4	36.6	186.9	151.6
Korea	151.0	50.3	7.3	84.9	9.6	116.9	34.1	10.0	78.1	20.6
Japan	3,768.0	390.4	1,117.9	2,259.7	769.8	2,909.4	858.6	80.6	93.3	466.2
Netherlands	1,152.7	190.7	240.2	720.4	123.5	502.0	650.7	244.5	53.9	136.3
Portugal	94.4	11.3	26.4	56.6	...	47.1	47.3	3.6	3.4	4.1
Singapore	444.8	101.4	62.4	281.0	32.2	203.4	241.4	20.8	39.6	102.7
Spain	1,551.5	117.1	348.8	1,085.6	...	279.0	1,272.5	172.0	72.4	321.5
Sweden	832.7	87.8	239.2	504.2	95.3	272.7	560.1	130.9	50.1	98.4
Switzerland	1,172.8	241.4	346.8	550.5	276.5	615.5	557.4	503.2	591.2	165.6
Turkey	17.4	7.6	0.8	7.5	0.2	11.9	5.4	3.1	2.0	0.0
United Kingdom	3,220.2	481.2	1,009.4	1,729.6	570.1	1,319.6	1,900.6	743.4	843.7	508.8
United States	2,986.2	514.2	814.6	1,657.3	937.6	1,648.1	1,338.1	337.6	1,382.8	716.8

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 understate 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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¹⁴ A list of CBS-reporting countries is available on the BIS website: www.bis.org/statistics/rep_countries.htm.

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Consolidated positions on counterparties resident in Argentina

Amounts outstanding, in millions of US dollars

Table B4

Nationality of CBS-reporting bank	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				Derivatives contracts	Guarantees extended	Credit commitments
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	45,494	22,143	15,853	23,352	-1,225	37,942	1,257	15,857	20,734	237	160	1,113	2,746
Of which: parents in CBS rep countries	44,902	21,551	15,300	23,352	-1,225	37,942	1,257	15,857	20,734	237	160	1,113	2,746
Australia	87	87	0	...	4	92	5	...	87	...	...	...	0
Austria	25	25	9	...	-18	7	...	2	5	...	0	0	0
Belgium	...	...	...	...	...	1	...	...	1	...	...	...	...
Brazil	3,958	2,077	918	1,881	-110	...	...	...	...	...	...	...	...
Canada	28	28	\	...	\	31	\	\	\	\	...	...	...
Chile	9	9	9	...	...	9	...	...	...	...	...	...	...
Chinese Taipei	16	16	16	...	1	17	15	...	2	...	...	...	...
Finland	...	...	...	...	...	...	...	...	...	...	...	...	...
France	1,111	982	532	129	-293	818	147	112	529	13	6	34	117
Germany	829	\	\	\	658	1,487	224	694	515	22	...	...	21
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	\	\	\	\	\	\	\	\	\	\	...	...	...
Italy	110	110	19	\	\	109	8	89	13	...	\	3	\
Japan	758	745	409	13	-246	512	3	177	332	4	16	181	...
Korea	59	59	56	...	-1	58	39	...	19	...	2	4	0
Mexico	9	9	...	...	...	...	...	...	...	...	...	...	...
Netherlands	1,858	\	\	\	\	1,703	\	\	\	\	...	\	\
Panama	270	270	230	...	...	...	...	...	...	...	...	...	...
Spain	19,813	5,796	4,504	14,017	-282	19,531	229	\	11,087	...	5	296	423
Sweden	2	2	1	...	0	1	0	0	1	...	...	1	0
Switzerland	1,791	1,791	1,017	...	-197	\	...	...	...	...	9	113	6
Turkey	0	0	...	...	...	0	\	...	...	...	...	\	...
United Kingdom	5,917	2,554	2,287	3,363	-66	5,851	256	2,804	2,791	51	12	195	142
United States	8,216	4,474	3,974	3,742	-527	7,690	323	3,741	3,626	95	26	252	1,986
Memo: Domestic banks ²													
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	24	24	24	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	466,802	266,347	84,915	200,455	-17,856	410,864	110,794	64,092	232,188	41,277	53,425	70,193	66,304
Of which: parents in CBS rep countries	445,740	245,286	76,991	200,455	-17,856	410,864	110,794	64,092	232,188	41,277	53,425	70,193	66,304
Australia	...	...	...	...	...	...	...	...	...	...	...	...	...
Austria	631	631	179	...	4	635	414	0	207	...	9	1	1
Belgium	1,566	1,566	126	...	41	1,607	433	17	1,157	551	\	\	\
Brazil	83	83	73	...	...	...	...	...	...	...	...	...	...
Canada	20,341	17,147	6,826	\	-745	19,597	10,064	1,443	4,981	1,782	5,869	267	2,749
Chile	4	4	0	...	...	4	3	...	0	...	...	...	...
Chinese Taipei	11,335	8,627	2,233	2,708	-2,575	8,759	4,853	266	3,640	428	113	161	759
Finland	339	339	169	...	\	339	337	...	2	...	\	\	...
France	23,479	15,633	5,631	7,846	-625	22,854	7,403	5,117	10,333	772	2,559	1,571	4,386
Germany	24,027	\	\	\	-88	23,939	9,050	3,228	11,078	1,063	12,051	3,476	1,364
Greece	54	54	45	...	1	55	46	...	9	...	...	...	...
Ireland	575	575	\	...	\	585	\	\	211	\	\	0	\
Italy	1,473	1,473	294	\	\	1,035	210	5	820	41	61	1,606	59
Japan	120,345	88,094	15,982	32,251	-12,473	107,873	28,513	21,047	58,313	12,823	2,706	1,703	11,616
Korea	3,949	3,744	1,246	205	-4	3,945	985	59	2,900	310	264	1,176	385
Mexico	0	0	\	...	...	...	...	...	...	...	...	...	...
Netherlands	59,095	3,432	\	55,663	\	59,543	\	\	\	\	\	\	\
Panama	18	18	8	...	...	...	...	...	...	...	...	...	...
Spain	\	2,122	239	\	-60	2,226	923	...	1,303	...	\	145	403
Sweden	1,081	\	\	...	-23	1,058	644	0	406	38	134	20	5
Switzerland	11,123	11,123	4,132	...	4,544	\	...	...	...	...	8,989	1,758	2,951
Turkey	23	23	\	...	\	23	\	...	\	...	...	\	...
United Kingdom	49,507	25,927	9,148	23,580	587	50,094	13,728	7,781	28,585	3,128	11,570	16,292	9,998
United States	89,646	32,094	15,730	57,552	-2,906	86,741	20,657	19,122	46,962	19,174	6,594	39,244	22,185
Memo: Domestic banks ²													
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	38,695	38,695	21,585	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	443,407	187,727	74,333	255,678	14,060	425,721	36,023	129,451	259,059	20,612	54,681	37,784	76,244
Of which: parents in CBS rep countries	430,264	174,585	69,792	255,678	14,060	425,721	36,023	129,451	259,059	20,612	54,681	37,784	76,244
Australia	572	572	131	0	-43	529	261	3	265	...	131	71	92
Austria	1,711	1,711	562	...	-5	1,706	654	742	310	...	229	53	156
Belgium	...	...	...	...	...	...	...	...	...	...	...	...	...
Brazil	153	153	17	...	-22	...	...	...	...	...	...	...	...
Canada	1,845	1,844	696	\	134	1,979	168	589	1,222	162	\	53	\
Chile	5	5	5	...	...	5	0	0	0	...	...	...	...
Chinese Taipei	216	170	114	46	73	288	138	50	100	1	21	20	15
Finland	1,272	1,272	15	...	\	1,563	703	829	31	2	...	...	\
France	180,056	40,529	19,659	139,527	2,601	182,657	10,084	45,171	127,309	9,160	8,733	9,617	29,065
Germany	28,728	\	\	\	867	29,595	5,490	13,183	9,882	2,604	8,642	3,350	5,526
Greece	458	458	323	...	...	458	301	142	16	8	...	6	...
Ireland	955	955	216	...	\	1,147	\	\	221	\	\	\	\
Italy	8,433	7,594	2,256	839	\	8,238	2,022	4,220	1,996	650	569	758	3,799
Japan	24,510	18,868	4,055	5,643	223	24,733	2,317	17,739	4,677	300	125	293	4,854
Korea	183	183	161	...	...	183	82	...	100	3	5	92	1
Mexico	9	9	\	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	5,880	4,275	1,469	1,605	554	6,434	1,733	500	4,201	...	1,199	281	2,116
Sweden	3,273	3,273	1,657	...	-111	3,162	240	978	1,936	19	865	369	997
Switzerland	6,201	6,201	4,508	...	6,511	\	...	...	...	...	1,226	422	454
Turkey	140	140	\	...	\	81	\	\	\	\	\	\	...
United Kingdom	9,654	9,557	3,356	97	1,164	10,818	2,592	4,227	3,999	631	21,195	4,818	6,552
United States	19,159	14,533	9,691	4,626	2,463	21,620	3,767	8,345	9,508	4,028	4,258	12,215	6,135
Memo: Domestic banks ²													
Worldwide offices (consolidated)	269,238	4,090	2,833	265,148	623	269,861	4,336	69,953	190,817	9,402	\	\	\
Foreign offices (unconsolidated)	16,006	16,006	14,475	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	385,951	157,890	72,384	228,061	26,667	403,336	66,404	133,050	203,201	6,654	20,588	67,464	49,230
Of which: parents in CBS rep countries	383,770	155,709	70,689	228,061	26,667	403,336	66,404	133,050	203,201	6,654	20,588	67,464	49,230
Australia	1,244	1,229	1,010	15	334	1,577	436	761	380	...	218	14	0
Austria	261	261	234	...	1	262	237	7	18	...	...	62	15
Belgium	200	197	189	3	-4	197	17	2	178	...	...	\	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	8,229	7,281	3,385	\	\	\	2,326	\	\	\	36	\	397
Chile	620	620	413	...	...	620	402	...	194	...	...	...	...
Chinese Taipei	307	307	142	...	223	530	355	5	170	...	...	...	42
Finland	\	\	\	...	-	\	\	...	...	...	...	\	...
France	27,479	20,446	8,143	7,033	-287	27,193	6,481	4,156	16,402	533	1,430	2,529	3,753
Germany	8,835	\	\	\	2,424	11,259	5,412	2,362	3,047	306	953	3,022	565
Greece	...	...	...	...	...	...	...	...	...	...	...	1	...
Ireland	\	\	\	...	\	\	\	...	\	...	...	...	...
Italy	1,395	1,266	756	\	\	4,534	3,857	162	515	8	\	860	318
Japan	29,080	25,412	6,911	3,669	5,262	34,342	8,332	7,471	18,539	773	559	830	1,887
Korea	2,138	2,138	311	...	-31	2,108	825	1	1,276	...	...	721	42
Mexico	18	18	\	...	...	...	...	...	...	...	...	...	...
Netherlands	15,175	\	\	\	\	16,693	\	\	\	\	\	\	\
Panama	1,001	1,001	365	...	...	...	...	...	...	...	...	...	...
Spain	153,776	13,866	6,591	139,910	-988	152,789	4,569	68,563	79,656	...	8,209	10,831	29,131
Sweden	1,636	1,636	810	...	-863	773	220	100	453	0	2	33	87
Switzerland	4,788	4,788	1,992	...	1,221	\	...	...	...	...	1,083	694	6
Turkey	0	0	...	...	\	0	...	...	\	...	...	\	...
United Kingdom	52,224	17,601	6,661	34,623	4,703	56,927	11,820	14,015	31,092	995	2,408	25,922	7,699
United States	70,659	41,075	25,974	29,584	8,817	79,478	15,752	31,691	32,035	2,589	5,042	20,929	4,652
Memo: Domestic banks ²													
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	47,679	47,679	35,811	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	413,305	273,576	86,664	139,728	11,299	413,731	117,918	75,872	218,672	57,650	62,992	60,286	128,217
Of which: parents in CBS rep countries	405,265	265,536	85,214	139,728	11,299	413,731	117,918	75,872	218,672	57,650	62,992	60,286	128,217
Australia	9,284	8,194	2,072	1,089	2,769	12,052	7,323	2,218	2,512	...	2,392	468	317
Austria	960	960	260	...	-21	940	408	175	353	...	71	33	163
Belgium	2,237	2,237	872	...	121	2,358	1,373	404	580	418	\	\	\
Brazil	726	726	413	...	1	...	...	...	...	...	...	...	...
Canada	...	...	...	...	...	...	...	...	...	...	...	...	...
Chile	81	81	68	...	...	81	7	...	49	...	5	...	...
Chinese Taipei	3,091	2,112	490	979	66	3,156	1,965	20	1,171	33	38	10	240
Finland	2,320	2,320	\	...	\	2,321	2,103	\	...	...	\	...	...
France	23,838	20,068	3,739	3,769	-133	23,705	8,301	5,856	9,548	5,917	4,677	1,675	8,655
Germany	33,377	\	\	\	-1,423	31,954	14,950	5,322	10,884	3,386	7,812	1,253	1,816
Greece	108	108	99	...	-	108	100	...	8	...	...	3	...
Ireland	1,349	1,349	60	...	\	1,350	\	...	177	\	\	...	\
Italy	2,395	2,395	704	...	\	2,400	738	496	1,165	228	113	481	209
Japan	67,249	52,128	9,311	15,121	214	67,463	18,397	13,796	35,270	8,887	3,449	1,690	15,274
Korea	2,474	1,000	492	1,474	-1	2,473	307	109	1,766	14	145	1,130	505
Mexico	148	148	\	...	...	...	...	...	...	...	...	...	...
Netherlands	15,915	\	\	\	\	16,534	\	\	\	\	\	\	\
Panama	700	700	575	...	...	...	...	...	...	...	...	...	...
Spain	\	2,300	685	\	-9	2,520	839	26	1,655	...	1,122	30	147
Sweden	3,116	3,116	1,029	...	-60	3,056	2,324	370	361	92	157	193	40
Switzerland	20,979	19,757	6,495	1,222	5,859	26,838	9,892	3,796	13,007	2,847	9,193	9,442	2,927
Turkey	12	12	\	...	\	12	\	...	\	...	\	\	...
United Kingdom	84,207	31,209	9,279	52,998	3,568	87,775	13,514	21,676	52,585	10,554	17,083	9,547	14,797
United States	114,767	61,591	35,333	53,176	-1,303	113,477	23,246	19,075	71,156	21,241	12,661	33,240	78,299
Memo: Domestic banks ²													
Worldwide offices (consolidated)	1,883,749	107,505	39,623	1,776,244	573	1,884,322	79,629	468,467	1,330,632	175,582	44,173	79,547	183,222
Foreign offices (unconsolidated)	126,323	126,323	69,700	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	974,467	730,155	508,532	244,311	74,674	658,302	256,217	92,083	307,883	36,995	27,882	80,463	60,882
Of which: parents in CBS rep countries	599,893	355,581	230,981	244,311	74,674	658,302	256,217	92,083	307,883	36,995	27,882	80,463	60,882
Australia	27,853	23,436	12,708	4,417	419	28,273	11,656	2,441	14,164	...	1,559	3,366	1,637
Austria	903	879	410	24	-278	625	303	93	228	...	0	70	118
Belgium	976	729	572	247	-143	833	444	37	351	...	\	\	\
Brazil	73	73	59	...	...	...	...	...	...	...	...	...	...
Canada	8,510	7,074	5,245	1,436	-209	8,300	4,333	711	3,245	400	1,452	105	\
Chile	101	101	100	...	...	101	69	...	32	...	...	...	...
Chinese Taipei	36,337	21,767	14,637	14,570	19,167	55,504	32,105	2,261	21,138	4,530	134	1,284	10,656
Finland	\	\	\	...	\	\	\	...	\	...	...	\	...
France	45,443	38,199	25,320	7,244	-636	44,808	15,622	9,490	19,696	1,587	5,400	4,938	2,342
Germany	26,800	\	\	\	-1,136	25,664	9,153	4,366	10,829	1,379	786	9,885	2,222
Greece	58	58	56	...	...	58	40	...	18	1	...	1	...
Ireland	\	\	\	...	\	\	\	...	\	...	...	\	...
Italy	2,757	1,807	839	950	\	2,858	1,651	131	1,076	340	40	993	1,049
Japan	67,747	29,347	17,336	38,399	-1,457	66,289	21,415	10,769	34,106	5,772	2,731	2,465	1,763
Korea	20,028	11,404	8,705	8,623	-1,415	18,613	7,382	259	10,207	227	32	2,581	1,469
Mexico	3	3	\	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	...	\	\	\	...	\	\	\	\	\
Panama	42	42	36	...	...	...	...	...	...	...	...	...	...
Spain	4,354	3,298	1,378	1,056	1,585	5,939	3,197	\	2,727	...	83	880	489
Sweden	4,313	3,271	2,257	1,042	-371	3,942	1,417	240	2,273	158	427	518	493
Switzerland	14,611	14,611	10,090	...	1,416	\	...	...	...	...	566	1,165	1,308
Turkey	19	19	\	...	\	20	\	...	\	...	...	\	\
United Kingdom	140,909	69,682	40,499	71,227	10,824	151,733	43,052	36,994	71,687	4,558	5,886	16,926	10,014
United States	76,416	47,125	40,144	29,291	2,689	79,315	25,769	15,425	38,121	9,621	6,526	23,189	5,476
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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	1,083,594	943,319	461,134	140,275	1,524	1,016,570	341,860	278,189	384,639	129,903	308,545	295,742	232,100
Of which: parents in CBS rep countries	1,037,777	898,615	433,042	139,162	1,524	1,016,570	341,860	278,189	384,639	129,903	308,545	295,742	232,100
Australia	11,208	11,208	8,197	0	-3,622	7,585	4,585	638	2,363	...	3,701	1,593	611
Austria	9,961	9,961	3,721	...	-225	9,736	6,165	1,530	2,061	...	3,772	108	622
Belgium	26,365	25,049	14,489	1,316	-2,755	23,610	11,876	8,114	3,574	1,367	\	\	\
Brazil	2,765	2,575	1,531	190	93	...	...	...	...	...	...	...	...
Canada	23,628	22,876	16,883	\	\	24,013	5,211	13,316	5,475	1,238	14,699	1,206	\
Chile	228	228	51	...	...	228	227	...	0	...	222	...	...
Chinese Taipei	4,654	4,571	1,174	83	2,913	7,568	6,077	78	1,413	495	875	48	107
Finland	2,895	2,895	741	...	\	2,900	2,464	345	90	\	1,033	\	\
France	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	171,757	158,069	52,686	13,688	-22,303	149,454	59,338	33,560	47,602	6,314	71,080	13,454	13,827
Greece	684	684	293	...	1	685	483	80	122	48	368	7	...
Ireland	4,400	4,400	480	...	\	4,440	1,639	1,471	1,331	\	814	\	\
Italy	43,231	40,695	11,162	2,536	\	44,654	14,839	14,767	15,042	4,247	2,210	19,592	14,628
Japan	168,872	155,328	22,816	13,544	9,213	178,086	35,191	102,052	40,842	2,649	7,959	1,832	18,237
Korea	1,131	1,063	548	68	-6	1,125	717	65	340	33	2,886	928	0
Mexico	84	84	\	...	...	...	...	...	...	...	...	...	...
Netherlands	91,963	74,883	\	17,080	\	89,464	\	\	\	\	\	\	\
Panama	18	18	16	...	...	...	...	...	...	...	...	...	...
Spain	51,123	36,999	28,193	14,124	249	51,371	24,399	3,437	23,535	...	18,904	2,383	33,615
Sweden	12,478	\	\	\	2,068	14,546	5,399	3,211	5,911	3,581	10,105	1,451	446
Switzerland	64,135	59,376	34,496	4,759	2,696	66,831	23,876	15,613	24,579	5,847	45,508	38,885	5,511
Turkey	346	346	\	...	\	444	\	...	\	...	\	\	...
United Kingdom	144,499	81,569	39,665	62,930	3,629	148,127	44,741	29,689	73,697	16,241	69,098	45,315	51,130
United States	164,670	159,115	131,534	5,555	9,459	174,127	46,493	27,479	100,155	75,501	21,766	165,946	76,098
Memo: Domestic banks ²													
Worldwide offices (consolidated)	3,791,032	855,397	224,018	2,935,635	11,515	3,802,548	457,782	1,004,239	2,340,527	232,938	48,670	114,579	470,161
Foreign offices (unconsolidated)	471,771	471,771	331,409	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	1,338,302	761,608	328,814	576,695	95,701	1,351,072	277,515	511,779	554,169	103,302	316,382	254,445	205,741
Of which: parents in CBS rep countries	1,286,365	729,750	309,085	556,616	95,701	1,351,072	277,515	511,779	554,169	103,302	316,382	254,445	205,741
Australia	8,894	8,745	3,545	149	4,787	13,681	5,183	4,233	4,265	...	1,869	963	1,859
Austria	38,392	32,894	10,001	5,498	552	38,944	8,244	5,413	19,956	...	4,358	1,981	5,694
Belgium	8,258	8,115	6,719	144	1,021	9,279	7,000	1,055	1,224	140	\	\	\
Brazil	1,221	1,097	692	124	72	...	...	...	...	...	...	...	...
Canada	21,053	21,051	7,575	\	4,149	25,202	2,590	18,130	4,303	1,095	14,479	634	\
Chile	95	95	57	...	...	95	26	...	0	...	0	...	...
Chinese Taipei	3,423	3,423	1,835	...	2,253	5,675	4,279	124	1,272	90	214	64	160
Finland	4,429	4,429	248	...	-	4,430	1,469	2,909	\	...	1,329	\	\
France	157,155	92,004	42,266	65,151	5,521	162,676	43,685	38,834	79,884	4,548	17,532	6,243	41,928
Germany	...	...	...	...	...	...	...	...	...	...	...	...	...
Greece	1,854	1,770	994	85	45	1,899	1,743	73	83	8	390	38	1
Ireland	797	797	68	...	\	896	250	\	438	...	\	\	\
Italy	182,129	38,660	16,635	143,469	\	190,886	27,389	41,378	122,109	27,459	14,831	26,620	32,956
Japan	103,327	93,924	16,334	9,403	18,620	121,947	22,664	60,312	38,971	3,945	3,398	1,441	12,221
Korea	2,682	2,365	2,048	317	-2	2,679	1,403	575	646	0	869	1,047	156
Mexico	56	56	\	...	...	...	...	...	...	...	...	...	...
Netherlands	164,576	\	\	\	\	165,865	\	\	\	\	\	\	\
Panama	335	335	153	...	...	...	...	...	...	...	...	...	...
Spain	\	11,002	5,725	\	1,010	50,228	5,040	3,849	41,340	...	13,539	1,152	10,305
Sweden	54,270	\	\	\	1,107	55,377	8,163	27,834	19,354	10,728	10,556	4,511	8,485
Switzerland	86,324	79,975	36,643	6,349	11,871	98,195	34,498	41,161	21,389	8,133	64,091	18,486	3,958
Turkey	2,016	2,016	\	...	\	2,050	\	...	\	...	\	\	...
United Kingdom	154,957	93,607	19,182	61,350	18,092	173,049	49,945	89,081	34,022	13,054	108,536	38,134	32,520
United States	191,590	111,409	72,710	80,181	14,973	206,669	26,686	130,024	49,959	25,086	35,825	148,977	36,185
Memo: Domestic banks ²													
Worldwide offices (consolidated)	4,786,981	146,634	32,911	4,640,347	278,114	5,065,095	1,454,469	765,096	1,738,501	255,987	159,342	...	360,491
Foreign offices (unconsolidated)	290,431	290,431	209,397	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	846,910	374,059	252,946	472,852	-98,517	701,128	64,372	162,365	471,118	42,875	22,881	35,368	93,961
Of which: parents in CBS rep countries	800,192	327,348	220,941	472,845	-98,517	701,128	64,372	162,365	471,118	42,875	22,881	35,368	93,961
Australia	16,970	11,905	7,603	5,065	-3,477	13,493	1,761	2,323	9,406	...	1,356	1,413	1,655
Austria	1,121	1,076	904	45	-86	1,036	969	0	59	...	5	12	211
Belgium	644	424	366	220	-1	643	69	207	367	...	\	\	\
Brazil	482	482	414	...	-25	...	...	...	...	...	...	...	...
Canada	4,365	2,044	1,111	2,321	-134	4,231	770	777	\	\	767	124	\
Chile	8	8	8	...	...	8	6	...	...	...	...	...	...
Chinese Taipei	32,494	28,905	19,971	3,589	-13,766	18,728	3,075	780	14,873	2,083	344	130	11,382
Finland	6	6	5	...	\	6	\	...	\	...	...	\	\
France	23,203	15,229	4,516	7,975	-1,064	22,139	2,664	5,521	13,955	748	1,914	2,576	4,006
Germany	11,922	\	\	\	-3,348	8,574	1,732	402	5,000	549	3,692	1,757	592
Greece	53	53	9	...	...	53	2	...	52	...	...	2	...
Ireland	\	\	\	...	\	\	\	...	\	\	...	...	\
Italy	1,355	1,081	724	275	\	1,057	229	280	547	54	39	370	118
Japan	83,222	43,199	17,221	40,022	-11,788	71,434	8,450	8,602	54,382	5,449	3,093	1,222	14,564
Korea	10,782	10,697	8,562	84	-435	10,346	5,373	118	4,495	216	147	1,342	307
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	14,144	11,800	\	2,344	\	11,616	\	\	\	\	\	\	\
Panama	10	10	7	...	...	...	...	...	...	...	...	...	...
Spain	4,773	3,036	1,665	1,738	-1,916	2,857	1,001	\	1,286	...	205	181	190
Sweden	1,224	\	\	\	-205	1,019	391	280	336	4	52	173	192
Switzerland	34,540	25,088	17,295	9,452	-7,379	27,161	8,209	1,547	15,956	6,132	2,392	1,899	500
Turkey	2	2	\	...	\	2	\	...	\	...	...	\	...
United Kingdom	390,017	72,433	55,078	317,584	-27,058	362,959	10,402	118,562	233,995	11,329	3,885	8,975	16,569
United States	65,543	34,955	29,763	30,588	-8,055	57,545	9,814	14,720	33,011	8,212	3,048	7,726	17,159
Memo: Domestic banks ²													
Worldwide offices (consolidated)	\	\	\	\	\	\	\	\	\	\	\	\	\
Foreign offices (unconsolidated)	4,223	4,223	3,241	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	245,749	148,434	81,027	97,314	11,502	246,362	53,728	46,158	144,647	17,280	5,522	23,733	22,783
Of which: parents in CBS rep countries	243,064	145,749	80,233	97,314	11,502	246,362	53,728	46,158	144,647	17,280	5,522	23,733	22,783
Australia	5,336	4,092	2,026	1,243	850	6,185	1,465	1,273	3,446	...	224	256	783
Austria	137	137	29	...	-58	79	60	...	18	...	...	84	2
Belgium	90	50	47	40	2	93	58	8	27	...	\	\	\
Brazil	17	17	12	...	...	...	...	...	...	...	...	...	...
Canada	2,551	1,703	1,597	\	-1,132	\	408	\	\	\	30	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	3,881	3,779	1,568	102	1,951	5,830	3,196	220	2,414	366	16	39	304
Finland	\	\	\	...	\	\	\	...	...	...	...	\	...
France	16,259	10,121	5,024	6,138	2	16,261	5,123	2,574	8,538	894	311	2,270	578
Germany	24,068	\	\	\	-4,301	19,767	5,326	3,353	9,485	628	476	2,286	3,546
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	\	\	\	...	...	\	\	\	\	\	...	...	\
Italy	809	802	586	\	\	1,048	650	...	399	4	\	602	71
Japan	32,205	26,853	6,526	5,352	2,216	34,421	6,377	4,412	23,632	2,329	150	523	590
Korea	3,979	3,109	948	870	8	3,987	1,892	172	1,762	12	...	1,111	1,306
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	2	2	1	...	...	...	...	...	...	...	...	...	...
Spain	\	305	136	\	-25	280	77	...	203	...	...	134	215
Sweden	\	\	\	...	\	\	\	...	\	...	\	\	\
Switzerland	7,424	7,424	3,549	...	721	\	...	...	...	...	113	555	7
Turkey	0	0	\	...	\	0	\	...	\	...	...	\	...
United Kingdom	58,657	23,552	14,515	35,105	6,391	65,047	6,963	11,051	47,016	4,628	2,490	7,291	4,186
United States	67,262	36,141	30,417	31,121	2,779	70,038	15,558	19,791	34,689	6,839	1,237	6,855	8,022
Memo: Domestic banks ²													
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	36,936	36,936	20,895	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	145,848	104,741	46,682	41,107	-21,702	113,720	9,322	27,090	76,564	8,362	1,620	22,357	15,109
Of which: parents in CBS rep countries	140,559	99,452	45,019	41,107	-21,702	113,720	9,322	27,090	76,564	8,362	1,620	22,357	15,109
Australia	5,241	2,733	1,284	2,508	-913	4,328	348	855	3,073	...	31	231	388
Austria	469	469	182	...	-126	344	31	101	209	...	1	1	2
Belgium	17	17	8	...	...	17	12	...	5	...	...	...	...
Brazil	144	144	108	...	-11	...	...	...	...	...	...	...	...
Canada	363	363	361	...	-175	...	...	...	72	...	1	...	...
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	3,558	2,965	736	593	63	3,621	774	259	2,588	397	4	18	893
Finland	...	...	...	...	...	...	...	...	...	...	...	...	...
France	4,841	4,531	874	310	-917	3,924	353	1,267	2,305	31	125	458	381
Germany	6,754	...	...	...	-2,286	4,468	465	1,546	2,165	147	41	564	863
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	...	...	...	...	...	...	...	...	...	...	...	...	...
Italy	815	815	54	...	...	470	18	217	235	...	...	70	60
Japan	33,116	25,152	8,717	7,964	-8,330	24,785	1,966	6,973	15,846	3,030	530	1,527	3,491
Korea	6,971	5,909	1,845	1,062	-708	6,263	518	1,572	3,782	146	3	1,877	271
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	3,618	...	...	...	...	3,191	...	...	...	...	...	...	...
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	32	32	9	...	-23	10	...	...	1	...	...	10	0
Sweden	90	90	52	...	-37	53	1	11	40	...	...	28	26
Switzerland	5,477	5,477	3,981	...	-495	...	...	...	...	...	36	988	6
Turkey	0	0	...	...	...	0	...	...	...	...	...	...	...
United Kingdom	16,949	10,162	5,558	6,787	-1,085	15,864	1,133	3,206	11,518	533	324	8,155	888
United States	15,497	11,356	9,958	4,141	-1,995	13,503	1,679	5,359	6,465	877	152	4,851	2,025
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

Nationality of CBS-reporting bank	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				Derivatives contracts	Guarantees extended	Credit commitments
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	672,843	346,529	129,153	326,314	9,634	635,201	93,370	210,464	319,772	22,910	87,196	192,023	69,982
Of which: parents in CBS rep countries	629,943	323,786	125,016	306,157	9,634	635,201	93,370	210,464	319,772	22,910	87,196	192,023	69,982
Australia	268	268	180	...	207	475	195	43	237	...	171	204	20
Austria	6,871	6,558	2,978	313	284	7,155	1,451	2,645	3,032	...	84	167	185
Belgium	8,685	8,600	1,506	85	2,197	10,882	731	8,825	1,325	960	\	\	\
Brazil	929	447	185	482	-6	...	...	...	...	...	...	...	...
Canada	417	361	\	\	\	419	24	\	109	61	479	\	...
Chile	5	5	4	...	...	5	3	...	...	...	...	...	...
Chinese Taipei	190	190	95	...	-11	179	38	2	139	...	...	6	6
Finland	\	\	\	...	...	\	\	...	1	...	...	\	\
France	294,355	90,479	31,903	203,876	2,261	296,616	43,632	62,090	190,831	5,722	17,103	13,784	37,678
Germany	86,722	50,735	7,654	35,987	5,031	91,753	8,128	39,663	33,131	3,506	14,179	32,694	1,581
Greece	223	223	160	...	...	224	202	5	17	...	45	46	...
Ireland	1,332	1,332	\	...	\	1,338	\	\	\	...	\	\	\
Italy	...	...	...	...	...	...	...	...	...	...	...	...	...
Japan	31,171	28,635	2,895	2,536	712	31,882	1,861	22,832	7,190	442	17	1,540	4,537
Korea	517	517	496	...	-9	508	274	...	224	...	...	241	0
Mexico	9	9	\	...	...	...	...	...	...	...	...	...	...
Netherlands	28,539	\	\	\	\	28,607	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	58,584	48,074	20,631	10,509	-6	58,577	9,617	35,477	13,483	...	2,626	6,366	6,455
Sweden	706	706	300	...	170	876	76	47	752	58	689	408	11
Switzerland	19,277	12,074	5,167	7,204	-213	19,064	3,468	8,365	6,751	1,804	6,704	6,631	2,644
Turkey	157	157	\	...	\	189	\	...	\	...	...	\	...
United Kingdom	27,705	9,228	5,374	18,477	387	28,092	2,709	1,096	24,288	2,067	14,761	43,257	7,350
United States	49,113	44,064	33,605	5,049	-1,268	47,734	16,079	14,668	16,987	6,856	25,594	83,775	6,877
Memo: Domestic banks ²													
Worldwide offices (consolidated)	2,658,232	42,413	25,409	2,615,818	\	2,660,696	136,004	865,551	1,656,395	228,156	21,904	119,187	129,394
Foreign offices (unconsolidated)	119,348	119,348	70,495	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	888,576	437,243	290,374	451,333	18,103	835,766	220,162	375,049	236,518	138,248	108,836	147,102	103,839
Of which: parents in CBS rep countries	843,816	392,971	257,502	450,845	18,103	835,766	220,162	375,049	236,518	138,248	108,836	147,102	103,839
Australia	23,238	8,052	5,127	15,186	8,593	31,830	2,844	22,471	6,515	...	738	720	2,091
Austria	157	157	130	...	2	159	130	0	26	...	...	19	0
Belgium	815	815	80	...	1	816	105	655	56	46	\	\	...
Brazil	154	129	40	25	...	...	...	...	...	...	...	...	...
Canada	23,775	19,210	10,839	\	3,381	27,156	4,959	15,007	7,190	3,860	2,696	14	\
Chile	6	6	2	...	...	6	4	...	...	...	...	...	...
Chinese Taipei	32,884	9,201	6,732	23,683	-232	32,652	7,197	6,265	19,190	3,269	446	222	1,826
Finland	51	51	\	...	...	51	25	\	...	...	56	...	...
France	165,102	66,424	49,296	98,678	-1,867	163,235	39,658	83,963	39,613	25,335	3,805	1,623	13,317
Germany	48,957	\	\	\	-25,004	23,953	3,700	12,125	7,856	2,091	27,046	28,360	1,431
Greece	27	27	26	...	...	27	27	...	...	...	20	...	...
Ireland	\	\	\	...	\	\	\	...	\	\	\	0	\
Italy	7,573	2,940	1,013	4,633	\	7,481	367	6,026	1,088	369	30	403	8
Japan	...	...	...	...	...	...	...	...	...	...	...	...	...
Korea	10,449	5,256	4,844	5,193	-123	10,326	3,831	1,229	1,516	267	319	3,179	1,993
Mexico	43	43	\	...	...	...	...	...	...	...	...	...	...
Netherlands	10,802	5,850	\	4,953	\	15,090	\	\	\	\	\	\	\
Panama	93	93	83	...	...	...	...	...	...	...	...	...	...
Spain	\	8,616	3,323	\	192	8,828	1,695	\	3,180	...	220	170	6
Sweden	3,021	3,021	273	...	-239	2,782	297	45	2,431	89	24	18	23
Switzerland	21,826	21,826	11,974	...	3,542	\	...	...	...	...	27,638	10,428	572
Turkey	27	27	\	...	\	70	\	...	\	...	...	\	...
United Kingdom	127,324	67,176	19,965	60,148	15,818	143,142	44,371	71,560	27,211	17,959	29,463	20,554	3,528
United States	337,206	115,128	91,377	222,078	14,508	351,947	99,479	138,650	113,818	81,907	14,522	80,110	77,962
Memo: Domestic banks ²													
Worldwide offices (consolidated)	15,652,544	...	...	...	159,198	15,811,742	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	483,122	483,122	447,828	...	...	...	...	...	...	...	...	...	...

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 Korea

Amounts outstanding, in millions of US dollars

Table B4

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	260,534	148,875	88,884	111,659	30,935	263,531	51,217	66,089	145,463	20,761	15,107	58,550	26,070
Of which: parents in CBS rep countries	242,972	131,313	76,023	111,659	30,935	263,531	51,217	66,089	145,463	20,761	15,107	58,550	26,070
Australia	5,141	4,201	3,099	940	299	5,441	2,229	1,275	1,937	...	316	1,709	197
Austria	268	268	112	...	51	318	179	48	90	...	...	17	15
Belgium	137	137	73	...	56	193	32	79	82	...	\	\	\
Brazil	93	93	74	...	...	...	...	...	...	...	...	...	...
Canada	1,901	1,729	1,545	\	\	2,133	1,021	\	1,032	\	\	39	\
Chile	1	1	1	...	...	1	1	...	...	...	...	...	...
Chinese Taipei	4,305	4,111	1,611	194	1,142	5,446	3,954	19	1,473	335	1	95	456
Finland	\	\	...	...	...	\	\	...	\	\	...	\	...
France	15,453	12,236	4,042	3,217	3,386	18,839	3,402	7,867	7,388	1,219	1,525	2,693	3,176
Germany	11,212	\	\	\	2,275	13,487	4,161	6,135	2,616	648	2,815	2,143	269
Greece	...	...	...	...	...	...	...	...	...	...	...	1	...
Ireland	\	\	...	...	...	\	\	...	\	\	...	\	\
Italy	\	\	\	...	\	361	61	77	222	110	\	160	54
Japan	48,439	31,010	11,299	17,429	12,347	60,786	8,968	8,680	43,138	7,221	426	1,204	2,543
Korea	...	...	...	...	...	...	...	...	...	...	...	...	...
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	11	11	7	...	...	...	...	...	...	...	...	...	...
Spain	\	390	272	\	742	1,180	\	\	1,030	...	102	576	203
Sweden	392	392	258	...	329	721	414	61	246	83	3	77	145
Switzerland	8,327	8,327	4,478	...	1,787	\	...	...	...	...	1,579	1,346	27
Turkey	1	1	\	...	\	38	\	...	\	...	...	\	...
United Kingdom	59,348	16,735	9,603	42,613	5,663	65,011	12,976	12,498	39,536	3,208	2,890	13,906	1,790
United States	70,647	30,347	26,370	40,300	2,294	72,941	7,600	26,475	38,866	4,627	2,521	27,540	16,125
Memo: Domestic banks ²													
Worldwide offices (consolidated)	1,582,042	61,693	45,379	1,520,349	5,964	1,588,006	64,149	158,961	1,361,826	107,200	8,238	52,544	280,215
Foreign offices (unconsolidated)	12,133	12,133	8,110	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	166,669	77,179	39,774	89,490	4,933	162,714	25,213	37,096	99,923	10,114	5,879	25,757	24,980
Of which: parents in CBS rep countries	160,328	70,838	36,496	89,490	4,933	162,714	25,213	37,096	99,923	10,114	5,879	25,757	24,980
Australia	2,171	2,147	805	24	8	2,179	498	657	1,022	...	46	209	41
Austria	43	43	41	...	0	43	15	...	28	...	...	0	0
Belgium	4	4	1	...	...	4	2	...	2	...	\	\	\
Brazil	42	42	32	...	...	...	...	...	...	...	...	...	...
Canada	\	\	\	\	-47	\	\	\	\	\	\	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	2,000	1,986	844	14	229	2,228	1,597	17	614	251	3	179	235
Finland	1	1	...	...	...	1	...	...	1	...	...	...	...
France	3,538	2,919	1,437	619	-127	3,411	419	1,818	1,175	36	173	445	125
Germany	3,533	\	\	\	-348	3,185	637	1,538	549	269	763	2,330	65
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	\	\	\	\	...	\	\	\	\	\	\	\	\
Italy	73	73	39	...	\	111	36	15	60	15	\	19	\
Japan	23,560	18,955	6,795	4,605	1,225	24,786	3,977	5,054	15,756	2,065	2,264	1,226	1,259
Korea	1,484	1,484	1,037	...	-15	1,469	936	6	517	55	...	663	8
Mexico	6	6	\	...	...	...	...	...	...	...	...	...	...
Netherlands	999	\	\	\	\	1,122	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	92	92	82	...	14	106	...	...	106	...	...	7	1
Sweden	\	\	\	...	\	\	\	...	\	...	\	\	\
Switzerland	2,667	2,667	2,116	...	-207	\	...	...	...	...	47	149	1
Turkey	4	4	...	...	\	4	...	...	\	...	...	\	...
United Kingdom	38,090	12,525	5,953	25,565	2,342	40,432	5,381	11,311	23,740	1,145	872	8,127	5,745
United States	17,192	7,690	6,212	9,502	-25	17,167	2,522	6,833	7,812	872	404	8,514	6,181
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

Nationality of CBS-reporting bank	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					Derivatives contracts	Guarantees extended	Credit commitments
	Total	International		Local positions in local currencies		Total	By sector of counterparty			Total				Of which: Non-bank financial
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	347,098	124,573	42,743	222,526	-19,336	319,105	22,425	104,805	191,418	12,158	21,979	42,910	51,032
Of which: parents in CBS rep countries	345,310	122,786	41,960	222,526	-19,336	319,105	22,425	104,805	191,418	12,158	21,979	42,910	51,032
Australia	449	449	17	...	0	449	3	44	403	...	27	2	0
Austria	111	111	4	...	-12	98	0	69	29	...	0	9	2
Belgium	172	172	19	...	-2	170	1	117	53	1	...	\	...
Brazil	461	461	71	...	-96	...	...	...	...	...	...	...	...
Canada	\	\	1,723	\	-1,089	\	\	\	\	\	79	\	528
Chile	136	136	43	...	...	136	58	...	61	...	...	...	...
Chinese Taipei	157	157	27	...	-1	157	1	55	101	1	...	...	1
Finland	...	...	...	...	...	...	...	...	...	...	...	\	...
France	8,682	7,921	1,715	761	-960	7,722	366	1,071	6,284	4	2,055	707	1,909
Germany	4,927	\	\	\	-1,935	2,992	93	749	1,786	98	2,429	404	465
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	\	\	\	\	\	\	\	\	\	\	...	...	\
Italy	1,217	1,217	427	\	\	796	11	164	620	4	31	262	580
Japan	23,094	22,509	3,736	585	-5,860	17,233	1,289	7,698	8,246	1,151	303	112	2,570
Korea	2,086	2,086	775	...	-132	1,954	35	42	1,817	164	5	410	12
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	2,639	2,395	\	244	\	2,277	\	\	\	\	\	\	\
Panama	1,167	1,167	546	...	...	...	...	...	...	...	...	...	...
Spain	146,822	28,201	9,490	118,621	-2,148	144,674	4,590	57,007	83,077	...	12,209	5,633	20,302
Sweden	658	658	487	...	-257	401	1	...	400	0	1	14	83
Switzerland	6,381	6,381	3,361	...	-1,121	\	...	...	...	...	1,304	136	413
Turkey	...	...	...	...	\	0	...	...	\	...	...	\	...
United Kingdom	30,525	8,764	2,204	21,762	-634	29,892	1,620	10,582	17,690	1,121	1,166	18,451	2,547
United States	92,277	28,596	13,917	63,681	-4,186	88,090	11,916	22,998	53,176	8,803	2,241	15,998	20,835
Memo: Domestic banks ²													
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...
Foreign offices (unconsolidated)	165	165	128	...	...	...	...	...	...	...	...	...	...

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 the Netherlands

Amounts outstanding, in millions of US dollars

Table B4

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	692,647	563,093	175,081	129,555	-58,580	563,119	125,576	144,085	284,698	105,632	142,869	132,212	96,229
Of which: parents in CBS rep countries	666,862	537,313	168,520	129,550	-58,580	563,119	125,576	144,085	284,698	105,632	142,869	132,212	96,229
Australia	6,670	6,588	3,502	82	1,539	8,209	3,713	1,840	2,657	...	1,417	344	720
Austria	4,535	4,535	1,246	...	-98	4,438	1,664	745	2,029	...	290	86	834
Belgium	23,560	9,796	1,903	13,764	62	23,622	1,220	592	21,787	2,117	\	\	\
Brazil	3,116	3,116	1,031	...	-1,411	...	...	...	...	...	...	...	...
Canada	11,091	8,214	3,628	\	-474	10,617	1,936	5,658	2,904	643	\	273	1,690
Chile	18	18	11	...	...	18	4	...	11	...	...	...	...
Chinese Taipei	4,129	4,019	957	110	-630	3,498	2,257	53	1,188	56	71	15	502
Finland	2,379	2,379	665	...	\	2,396	899	\	369	7	\	\	\
France	104,547	79,538	32,488	25,009	-1,274	103,274	30,786	19,563	52,128	19,805	13,024	4,640	18,033
Germany	118,119	\	\	\	-34,824	83,295	30,577	12,049	32,900	13,051	34,468	11,581	10,124
Greece	180	179	136	1	10	189	16	15	158	23	...	12	5
Ireland	1,760	1,760	\	...	\	1,835	1,155	\	249	\	\	\	\
Italy	18,857	18,496	4,077	\	\	18,828	4,799	976	13,020	4,458	710	9,807	7,599
Japan	87,858	84,092	13,890	3,766	-14,025	73,832	15,210	16,014	42,608	19,534	2,453	1,873	8,699
Korea	743	479	223	\	-9	734	239	269	225	...	338	261	41
Mexico	42	42	...	...	...	...	...	...	...	...	...	...	...
Netherlands	...	...	...	...	...	...	...	...	...	...	...	...	...
Panama	46	46	17	...	...	...	...	...	...	...	...	...	...
Spain	16,125	13,644	5,123	2,481	-767	15,358	1,238	\	13,172	...	5,628	405	4,598
Sweden	10,652	\	\	\	-201	10,451	1,597	2,016	6,822	673	3,645	1,131	2,412
Switzerland	32,730	32,730	13,630	...	5,379	\	...	...	...	...	17,903	3,379	3,267
Turkey	1,070	1,070	\	...	\	1,108	\	...	\	...	\	\	...
United Kingdom	127,375	63,518	25,157	63,858	-4,210	123,165	16,887	66,671	39,607	25,546	40,917	17,294	14,150
United States	71,904	66,434	27,977	5,470	-8,006	63,616	9,346	15,115	39,155	18,926	17,095	79,706	20,673
Memo: Domestic banks ²													
Worldwide offices (consolidated)	1,308,299	34,414	\	1,273,885	\	1,311,435	\	\	\	\	42,387	\	\
Foreign offices (unconsolidated)	214,016	214,016	140,305	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	274,884	113,876	35,539	161,010	-7,152	260,995	12,205	78,051	154,379	8,820	3,854	14,973	32,950
Of which: parents in CBS rep countries	269,862	109,235	33,964	160,630	-7,152	260,995	12,205	78,051	154,379	8,820	3,854	14,973	32,950
Australia	180	180	24	...	-4	175	1	97	77	...	25	...	4
Austria	20,526	13,095	3,421	7,431	68	20,594	836	7,075	12,679	...	91	455	2,116
Belgium	1,499	1,484	121	16	30	1,530	32	1,329	166	41	\	\	\
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	72	72	\	...	\	70	5	\	50	...	1	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	40	40	9	...	-3	37	...	31	6	1	...	...	1
Finland	\	\	...	...	...	\	...	...	\	...	...	\	...
France	33,681	8,949	1,246	24,733	-264	33,417	1,496	6,783	25,121	2,718	686	1,604	6,560
Germany	51,523	\	\	\	-5,464	46,059	849	13,776	15,135	2,684	895	...	4,511
Greece	39	39	38	...	-22	18	14	...	3	1	...	...	...
Ireland	\	\	\	...	\	\	\	\	\	\	...	\	\
Italy	43,632	10,282	2,930	33,350	\	43,288	571	12,155	30,562	1,361	314	1,809	4,060
Japan	4,997	4,695	755	302	245	5,241	367	3,624	1,250	228	...	526	549
Korea	298	298	247	...	-23	275	12	0	245	...	...	35	7
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	28,931	6,061	\	22,870	\	28,049	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	34,893	9,436	1,974	25,457	-53	34,840	767	6,551	27,522	...	218	1,203	5,782
Sweden	6,130	5,875	5,186	254	-102	6,028	4,507	390	1,125	160	224	2,162	135
Switzerland	725	725	444	...	86	\	...	...	...	...	33	29	0
Turkey	2	2	\	...	\	2	\	...	\	...	...	\	...
United Kingdom	9,960	8,643	7,448	1,317	-86	9,874	287	7,645	1,942	58	220	2,201	320
United States	12,644	4,413	2,853	8,231	-291	12,352	894	5,652	5,806	1,173	185	3,679	3,561
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

Nationality of CBS-reporting bank	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					Derivatives contracts	Guarantees extended	Credit commitments
	Total	International		Local positions in local currencies		Total	By sector of counterparty			Total				Of which: Non-bank financial
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	125,674	87,134	28,567	38,540	-7,323	106,363	17,743	11,879	75,523	2,657	4,928	58,454	10,352
Of which: parents in CBS rep countries	117,780	79,959	26,382	37,820	-7,323	106,363	17,743	11,879	75,523	2,657	4,928	58,454	10,352
Australia	5	5	1	...	-2	3	0	...	3	...	...	...	0
Austria	10,948	4,656	1,374	6,292	-231	10,716	1,101	957	8,658	...	128	1,389	1,988
Belgium	430	430	245	...	-21	410	335	4	71	...	...	...	...
Brazil	110	110	72	...	...	...	...	...	...	...	...	...	...
Canada	25	25	4	...	...	21	...	...	13	...	...	...	...
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	408	408	136	...	41	450	199	39	212	...	...	2	19
Finland	...	...	...	...	...	...	...	...	...	...	...	...	...
France	25,701	15,645	2,571	10,056	-2,077	23,624	2,672	2,261	18,690	27	893	2,184	1,834
Germany	9,131	...	...	...	-813	8,318	3,786	245	3,326	175	41	1,947	1,889
Greece	189	189	67	...	-2	187	29	...	158	...	...	...	3
Ireland	...	...	...	...	...	...	...	...	...	...	...	...	...
Italy	20,099	11,391	2,542	8,708	...	18,518	2,069	2,114	14,332	291	624	5,016	896
Japan	8,867	7,419	1,604	1,448	-816	8,051	859	1,331	5,861	645	219	624	373
Korea	1,017	1,017	630	...	-6	1,011	141	102	714	...	...	440	22
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	9,922	6,398	...	3,524	...	9,921	...	...	...	...	...	...	...
Panama	4	4	...	...	...	...	...	...	...	...	...	...	...
Spain	...	1,521	374	...	-975	601	...	...	492	...	0	27	23
Sweden	...	...	...	...	...	...	...	...	...	...	...	...	...
Switzerland	3,978	3,978	2,622	...	-384	...	...	...	...	...	446	564	134
Turkey	601	601	...	...	...	561	...	...	...	...	...	...	...
United Kingdom	5,651	5,052	1,554	599	-412	5,239	1,581	383	3,275	266	1,428	20,587	529
United States	12,775	7,307	4,612	5,468	598	13,375	2,176	3,190	8,009	1,041	722	22,639	1,432
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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	82,346	80,428	37,442	1,918	-15,590	61,931	11,487	20,169	30,181	4,655	4,621	12,736	9,665
Of which: parents in CBS rep countries	78,450	76,532	36,348	1,918	-15,590	61,931	11,487	20,169	30,181	4,655	4,621	12,736	9,665
Australia	19	19	1	...	-9	10	1	0	10	...	0	29	0
Austria	17	17	14	...	-1	16	4	...	12	...	0	9	0
Belgium	43	43	41	...	-17	26	10	...	15	...	\	\	\
Brazil	8	8	...	...	...	...	...	...	...	...	...	...	...
Canada	861	861	\	...	-385	\	\	...	\	...	\	4	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	91	91	38	...	-8	84	4	...	80	...	2	38	12
Finland	...	...	...	...	...	...	...	...	...	...	...	...	...
France	13,561	13,341	5,106	220	-544	13,017	2,961	5,032	5,024	133	791	1,054	3,090
Germany	6,253	\	\	...	-2,366	3,887	490	682	2,708	76	788	1,107	73
Greece	1	1	...	...	...	1	...	...	1	...	...	-	...
Ireland	\	\	\	...	\	\	\	...	\	...	\	...	\
Italy	167	167	147	...	\	160	48	4	108	...	\	195	25
Japan	15,113	15,113	2,557	...	-4,944	10,169	637	2,952	6,579	239	139	166	2,782
Korea	4,264	4,264	550	...	-11	4,253	213	2	3,959	46	...	5,990	546
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	...	\	\	\	...	\	...	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	555	555	91	...	-362	193	83	\	110	...	\	121	2
Sweden	544	544	176	...	-456	88	10	...	78	...	...	26	9
Switzerland	2,532	2,532	1,842	...	-1,639	\	...	...	...	...	62	254	41
Turkey	37	18	\	\	\	37	\	\	\	\	...	\	...
United Kingdom	18,779	18,755	13,201	24	-4,096	14,683	3,937	3,823	6,923	3,142	1,264	1,656	865
United States	13,132	11,481	7,262	1,651	-426	12,706	1,563	7,671	3,472	995	1,547	1,385	1,709
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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	422,552	279,499	181,110	143,054	-33,599	365,758	52,096	89,546	219,178	41,173	19,594	43,874	44,262
Of which: parents in CBS rep countries	400,600	257,547	166,223	143,054	-33,599	365,758	52,096	89,546	219,178	41,173	19,594	43,874	44,262
Australia	26,114	15,261	10,036	10,853	-4,437	21,677	1,725	5,631	14,305	...	1,673	2,443	3,045
Austria	848	848	185	...	-62	786	9	270	507	...	10	69	126
Belgium	577	318	183	259	-33	544	83	179	281	...	\	\	\
Brazil	890	890	608	...	-42	...	...	...	...	...	...	...	...
Canada	8,058	6,802	1,439	1,256	319	8,377	1,342	947	5,987	\	160	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	11,918	11,151	7,135	767	-6,040	5,877	1,167	289	4,421	371	180	108	4,585
Finland	37	37	\	...	...	37	\	...	\	...	...	\	...
France	23,109	19,221	5,871	3,888	1,195	24,304	4,314	4,832	15,158	235	1,287	5,721	3,585
Germany	20,709	15,572	13,100	5,137	2,381	23,090	4,942	1,994	13,143	928	6,933	1,736	2,479
Greece	5	5	3	...	...	5	3	...	2	...	...	...	...
Ireland	\	\	\	...	\	\	\	\	\	\	...	...	\
Italy	1,788	1,732	946	56	\	1,632	52	23	1,558	100	13	655	234
Japan	68,135	43,769	17,091	24,365	-11,582	56,553	4,860	11,858	39,835	4,098	699	3,320	8,645
Korea	5,698	5,336	4,278	362	-215	5,483	3,353	246	1,814	151	363	2,562	282
Mexico	0	0	\	...	...	...	...	...	...	...	...	...	...
Netherlands	19,605	18,154	\	1,451	\	16,685	\	\	\	\	\	\	\
Panama	23	23	22	...	...	...	...	...	...	...	...	...	...
Spain	\	878	426	\	-141	768	132	\	606	...	85	758	90
Sweden	3,143	2,744	996	399	44	3,186	530	275	2,380	32	58	146	159
Switzerland	25,343	17,802	14,358	7,540	-1,562	23,781	7,909	4,296	9,838	1,546	1,782	5,964	629
Turkey	14	14	\	...	\	12	\	...	\	...	...	\	...
United Kingdom	101,288	43,356	31,330	57,933	-5,624	95,664	10,062	25,071	60,531	24,743	3,364	6,249	3,970
United States	70,449	44,789	39,510	25,660	-1,082	69,373	9,553	31,719	28,101	6,051	2,191	6,536	14,465
Memo: Domestic banks ²													
Worldwide offices (consolidated)	329,503	57,881	\	271,622	-664	328,839	1,825	43,622	283,221	58,178	2,302	16,014	94,631
Foreign offices (unconsolidated)	22,982	22,982	19,804	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	101,343	35,385	13,051	65,957	-313	96,474	11,252	17,144	68,056	10,609	6,977	23,370	17,491
Of which: parents in CBS rep countries	98,924	32,966	11,763	65,957	-313	96,474	11,252	17,144	68,056	10,609	6,977	23,370	17,491
Australia	492	492	113	0	183	675	8	1	665	...	36	62	214
Austria	94	94	17	...	-36	59	11	37	8	...	0	6	6
Belgium	22	22	11	...	-	21	8	...	13	...	\	\	\
Brazil	1	1	...	...	...	...	...	...	...	...	...	...	...
Canada	179	179	46	...	\	228	\	\	169	\	121	\	451
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	536	444	133	92	136	670	435	47	188	...	23	3	33
Finland	2	2	2	...	...	2	2	...	...	...	...	...	...
France	4,588	3,480	158	1,108	-855	3,733	1,053	821	1,858	118	301	841	722
Germany	5,226	\	\	\	-1,486	3,740	904	574	2,247	43	3,416	247	783
Greece	170	38	28	132	...	170	23	13	134	...	1	5	...
Ireland	\	\	\	\	...	\	\	...	\	\	...	...	\
Italy	502	502	44	...	\	450	13	109	328	0	\	99	259
Japan	8,149	8,149	1,100	...	439	8,588	1,290	1,885	5,413	1,130	30	17	897
Korea	350	350	332	...	...	350	25	0	324	...	...	19	0
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	705	\	\	...	\	836	\	...	\	\	\	\	\
Panama	6	6	...	...	...	...	...	...	...	...	...	...	...
Spain	\	191	118	\	-130	61	13	\	48	...	...	6	72
Sweden	71	71	42	...	-39	32	2	0	30	...	1	2	1
Switzerland	1,580	1,580	776	...	474	\	...	...	...	...	549	186	87
Turkey	2	2	\	...	...	2	\	...	\	...	...	\	...
United Kingdom	61,669	5,421	3,137	56,247	-615	61,054	3,637	10,789	46,628	7,060	1,324	10,716	9,454
United States	11,086	6,235	3,883	4,851	1,576	12,661	2,791	2,802	7,068	2,220	1,142	10,781	4,137
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

Nationality of CBS-reporting bank	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				Derivatives contracts	Guarantees extended	Credit commitments
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	440,895	333,924	123,163	106,970	815	407,078	96,940	120,837	179,035	42,072	47,545	106,631	48,306
Of which: parents in CBS rep countries	412,175	316,651	120,363	95,524	815	407,078	96,940	120,837	179,035	42,072	47,545	106,631	48,306
Australia	1,411	1,411	246	...	234	1,645	344	95	1,205	...	250	128	22
Austria	5,659	5,659	2,983	...	-8	5,650	3,022	2,167	450	...	208	124	85
Belgium	9,208	8,934	3,572	274	-217	8,990	1,828	5,734	1,422	1,148	\	\	\
Brazil	865	613	285	252	14	...	...	...	...	...	...	...	...
Canada	1,211	1,211	470	...	\	1,308	450	\	853	\	\	143	\
Chile	30	30	20	...	...	30	3	...	...	...	...	...	...
Chinese Taipei	109	109	52	...	76	185	46	...	139	...	5	...	21
Finland	31	31	1	...	\	32	10	\	8	\	\	\	\
France	107,226	76,267	41,048	30,959	742	107,968	35,167	17,033	55,679	14,809	7,958	4,806	17,120
Germany	76,387	58,714	9,256	17,673	158	76,545	15,319	28,554	22,724	8,157	7,926	18,358	3,468
Greece	103	103	96	...	...	103	90	5	8	...	...	10	...
Ireland	2,041	2,041	360	...	\	2,251	\	\	251	...	\	\	\
Italy	52,474	50,566	7,152	1,907	\	52,633	8,961	36,089	7,573	2,431	604	5,402	5,623
Japan	22,579	21,370	2,076	1,209	245	22,824	3,080	10,825	8,919	754	111	318	4,139
Korea	202	202	196	...	...	202	65	...	137	7	65	73	1
Mexico	242	242	\	...	...	...	...	...	...	...	...	...	...
Netherlands	42,735	\	\	\	\	41,176	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	...	...	...	...	...	...	...	...	...	...	...	...	...
Sweden	2,040	2,040	638	...	-1,180	860	205	15	632	84	1,152	606	44
Switzerland	12,597	10,253	5,433	2,343	1,279	13,876	3,488	1,842	8,487	1,746	3,518	2,708	1,405
Turkey	39	39	\	...	\	59	\	...	\	...	\	\	...
United Kingdom	19,980	17,882	8,090	2,098	209	20,189	8,112	-289	12,365	1,358	16,847	19,566	5,317
United States	34,049	31,081	21,651	2,968	-304	33,743	6,770	7,421	19,552	5,153	4,015	52,264	5,988
Memo: Domestic banks ²													
Worldwide offices (consolidated)	1,845,184	20,924	8,769	1,824,260	11,381	1,856,565	115,160	410,256	1,331,149	...	49,215	89,223	262,562
Foreign offices (unconsolidated)	49,885	49,885	30,624	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	221,763	173,385	64,233	48,377	-5,664	144,399	68,171	15,038	57,951	14,101	14,859	43,535	28,630
Of which: parents in CBS rep countries	218,897	170,906	63,539	47,990	-5,664	144,399	68,171	15,038	57,951	14,101	14,859	43,535	28,630
Australia	668	668	155	...	249	917	389	162	366	...	219	140	0
Austria	990	958	211	32	78	1,068	646	135	286	...	10	52	18
Belgium	543	543	86	...	...	544	331	54	158	41	\	\	\
Brazil	88	88	14	...	...	...	...	...	...	...	...	...	...
Canada	6,752	6,752	2,357	...	\	6,886	1,879	1,256	2,027	1,018	683	\	252
Chile	2	2	...	...	...	2	2	...	...	...	...	...	...
Chinese Taipei	720	720	66	...	31	751	682	1	68	20	...	1	3
Finland	4,500	3,294	745	\	\	4,509	2,634	188	1,687	\	52	\	429
France	14,687	14,153	6,669	534	-209	14,479	6,246	825	7,401	821	760	1,273	6,578
Germany	36,352	\	\	\	-8,833	27,519	19,010	522	6,827	953	2,788	2,551	1,861
Greece	18	18	10	...	-	19	10	...	9	1	...	1	...
Ireland	1,032	1,032	\	...	\	1,213	\	...	\	\	\	\	\
Italy	1,726	1,726	429	...	\	1,660	698	30	932	263	16	1,894	982
Japan	22,813	22,813	2,869	...	211	23,024	12,657	3,661	6,706	338	22	416	1,422
Korea	102	102	70	...	...	102	33	1	68	...	...	141	118
Mexico	16	16	\	...	...	...	...	...	...	...	...	...	...
Netherlands	6,714	\	\	\	\	6,928	\	\	\	\	\	\	\
Panama	9	9	2	...	...	...	...	...	...	...	...	...	...
Spain	\	4,668	1,684	\	-27	4,641	629	\	3,814	...	67	133	880
Sweden	...	...	...	...	...	...	...	...	...	...	...	...	...
Switzerland	10,604	10,604	5,135	...	2,099	\	...	...	...	...	1,088	88	233
Turkey	5	5	\	...	\	6	\	...	\	...	...	\	...
United Kingdom	14,066	13,836	6,313	230	-1,943	12,122	4,061	2,778	5,283	3,590	5,956	6,729	4,351
United States	22,535	21,294	16,593	1,241	2,116	24,651	12,196	3,861	8,594	4,578	1,498	28,893	4,968
Memo: Domestic banks ²													
Worldwide offices (consolidated)	694,670	57,951	32,307	636,719	9,267	703,937	72,768	72,595	558,236	17,905	21,189	12,988	51,034
Foreign offices (unconsolidated)	70,900	70,900	50,048	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	376,887	275,256	170,360	101,631	16,387	366,380	79,500	136,700	143,082	15,770	61,619	115,274	66,860
Of which: parents in CBS rep countries	367,456	265,850	164,353	101,606	16,387	366,380	79,500	136,700	143,082	15,770	61,619	115,274	66,860
Australia	3,488	3,414	2,527	74	2,146	5,634	2,655	...	2,976	...	2,407	1,504	959
Austria	7,149	5,824	2,318	1,325	-139	7,010	1,726	498	3,559	...	127	923	915
Belgium	1,646	1,567	1,338	79	69	1,714	1,114	38	536	23	\	\	\
Brazil	12,695	12,331	5,774	364	108	...	...	...	...	...	...	...	...
Canada	4,038	3,521	2,966	\	844	4,881	1,585	960	2,143	911	3,649	600	1,802
Chile	124	124	115	...	...	124	9	...	18	...	2	...	...
Chinese Taipei	1,401	1,401	823	...	1,707	3,108	2,569	7	532	356	121	11	253
Finland	72	72	53	...	\	162	\	...	34	\	\	...	...
France	63,045	36,147	15,989	26,899	1,804	64,849	10,016	23,548	31,220	794	3,711	6,306	12,822
Germany	71,788	65,269	44,562	6,519	-4,158	67,630	20,370	27,610	14,254	1,802	6,116	8,752	5,603
Greece	372	372	321	...	-4	368	252	...	116	83	24	6	...
Ireland	172	172	18	...	\	413	\	...	131	\	\	\	\
Italy	13,403	7,667	3,880	5,736	\	12,725	1,956	952	9,791	822	581	8,851	3,351
Japan	28,399	28,399	5,861	...	3,635	32,034	8,478	666	22,890	2,797	3,055	2,256	5,459
Korea	1,026	1,026	983	...	...	1,026	794	43	189	18	281	1,469	129
Mexico	25	25	\	...	...	...	...	...	...	...	...	...	...
Netherlands	33,123	31,229	\	1,894	\	34,403	\	\	\	\	\	\	\
Panama	151	151	124	...	...	...	...	...	...	...	...	...	...
Spain	6,267	5,102	2,957	1,165	1,320	7,588	881	618	6,088	...	875	2,714	4,296
Sweden	2,866	\	\	...	-124	2,742	809	140	1,763	126	806	1,029	1,005
Switzerland	...	...	...	...	...	...	...	...	...	...	...	...	...
Turkey	169	169	\	...	\	173	\	...	\	\	\	\	\
United Kingdom	56,681	17,041	10,724	39,640	2,678	59,359	6,885	43,221	9,253	2,006	26,420	13,273	11,389
United States	50,726	33,508	26,059	17,218	4,284	55,001	11,932	20,809	22,260	5,072	6,673	58,756	13,759
Memo: Domestic banks ²													
Worldwide offices (consolidated)	1,297,908	66,698	57,196	1,231,209	47,477	1,345,385	160,111	319,962	149,545	40,261	33,747	29,668	47,319
Foreign offices (unconsolidated)	135,174	135,174	109,044	...	...	...	...	...	...	...	...	...	...

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

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	146,579	53,859	22,513	92,720	-6,709	127,418	13,345	31,679	82,066	6,709	5,389	12,377	14,351
Of which: parents in CBS rep countries	136,748	44,028	19,987	92,720	-6,709	127,418	13,345	31,679	82,066	6,709	5,389	12,377	14,351
Australia	1,076	1,076	570	...	-208	868	42	249	576	...	173	23	40
Austria	12	12	4	...	-6	6	2	...	4	...	...	12	1
Belgium	53	53	40	...	31	84	37	...	47	...	\	\	...
Brazil	8	8	4	...	...	...	...	...	...	...	...	...	...
Canada	82	82	26	...	-65	17	12	...	5	\	260	\	...
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	1,170	787	364	383	445	1,616	814	67	735	38	2	34	556
Finland	1	1	1	...	...	1	...	...	1	...	...	\	...
France	2,920	1,985	1,239	935	-224	2,696	356	852	1,487	18	441	734	50
Germany	2,674	\	\	\	185	2,859	1,636	197	708	139	787	526	37
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	\	\	\	...	...	\	\	...	\	\	...	...	\
Italy	13	13	9	...	\	35	7	0	28	...	\	110	6
Japan	84,420	24,529	8,300	59,892	-6,005	78,416	3,246	18,096	57,074	4,275	1,688	5,742	3,729
Korea	353	353	297	...	-39	314	106	20	180	...	...	206	14
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	...	\	\	\	...	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...
Spain	11	11	2	...	-4	7	3	...	4	...	\	20	0
Sweden	148	148	110	...	-70	77	5	0	73	...	50	9	3
Switzerland	3,472	3,472	2,481	...	-897	\	...	...	...	...	116	82	14
Turkey	0	0	...	...	...	0	\	...	\	...	...	\	...
United Kingdom	12,156	3,403	1,112	8,753	486	12,642	2,075	4,037	6,531	1,315	980	1,594	220
United States	11,126	3,154	2,855	7,972	-356	10,770	1,435	5,082	4,253	465	698	2,210	4,378
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

Nationality of CBS-reporting bank	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					Derivatives contracts	Guarantees extended	Credit commitments
	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				
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	273,393	181,221	94,167	92,170	-9,611	237,619	51,006	44,774	140,484	5,917	4,714	69,323	28,169
Of which: parents in CBS rep countries	253,983	161,812	87,045	92,170	-9,611	237,619	51,006	44,774	140,484	5,917	4,714	69,323	28,169
Australia	257	257	118	...	37	294	40	101	153	...	19	1	0
Austria	1,091	1,091	706	...	-218	873	708	15	150	...	11	144	56
Belgium	908	908	830	...	-197	711	667	16	28	...	\	\	\
Brazil	72	72	12	...	-13	...	...	...	...	...	...	...	...
Canada	1,663	1,663	1,503	...	-325	1,338	1,318	\	15	\	\	76	\
Chile	17	17	17	...	...	17	17	...	...	...	...	...	...
Chinese Taipei	569	569	313	...	-3	565	415	21	129	...	...	...	1
Finland	\	\	\	...	\	\	\	...	...	...	...	\	...
France	42,199	21,600	6,097	20,599	-2,723	39,476	4,103	8,576	26,775	398	786	7,381	3,774
Germany	15,438	\	\	...	-1,318	14,120	4,566	3,138	5,170	1,309	543	2,836	2,250
Greece	228	226	116	1	-20	208	19	2	186	15	12	48	...
Ireland	\	\	\	...	...	\	\	\	\	\	...	...	\
Italy	11,121	10,837	4,943	283	\	10,409	5,459	621	4,329	880	167	7,693	1,874
Japan	12,498	12,263	5,541	235	-1,863	10,635	3,809	2,046	4,780	1,145	52	517	176
Korea	1,383	1,383	724	...	-35	1,349	507	26	798	151	11	1,104	137
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	5	5	1	...	...	...	...	...	...	...	...	...	...
Spain	\	36,071	16,077	\	-994	87,398	2,999	\	62,735	...	294	13,079	15,968
Sweden	900	900	532	...	-481	419	174	0	245	44	0	53	138
Switzerland	6,309	6,309	4,382	...	-184	\	...	...	...	...	295	446	97
Turkey	...	...	...	...	...	...	...	...	...	...	...	...	...
United Kingdom	22,076	16,964	12,839	5,112	125	22,201	8,333	2,534	11,334	752	894	16,516	974
United States	18,744	16,659	13,268	2,085	-52	18,691	11,211	2,095	5,385	597	1,415	17,014	651
Memo: Domestic banks ²													
Worldwide offices (consolidated)	583,005	583,005	234,705	...	-33	582,972	72,968	56,463	386,506	3,455	1,309	24,509	5,999
Foreign offices (unconsolidated)	12,644	12,644	6,932	...	...	...	...	...	...	...	...	...	...

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 the United Kingdom

Amounts outstanding, in millions of US dollars

Table B4

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	2,575,953	1,458,615	966,091	1,117,339	-105,044	2,351,723	521,496	362,641	1,446,842	457,507	1,080,023	453,316	404,158
Of which: parents in CBS rep countries	2,502,438	1,385,325	934,505	1,117,114	-105,044	2,351,723	521,496	362,641	1,446,842	457,507	1,080,023	453,316	404,158
Australia	94,147	50,711	27,082	43,436	-18,424	75,722	16,750	28,777	30,187	...	26,864	4,206	5,626
Austria	12,278	12,274	7,141	4	255	12,534	7,045	437	5,038	...	10,511	534	1,192
Belgium	18,080	16,611	12,468	1,470	-223	17,857	8,065	1,158	8,629	4,291	\	\	\
Brazil	17,173	17,145	11,965	28	776	...	...	...	...	...	...	...	...
Canada	100,691	50,204	37,438	50,488	\	101,723	16,754	18,601	65,881	41,539	69,226	2,590	12,173
Chile	967	967	319	...	...	967	606	...	101	...	568	...	...
Chinese Taipei	14,003	13,431	9,639	572	-5,851	8,152	5,946	34	2,172	421	968	154	246
Finland	2,282	2,282	1,117	...	-62	2,220	2,147	...	73	63	7,590	\	\
France	220,532	188,835	136,113	31,697	-5,348	215,184	100,965	31,299	82,559	26,352	20,922	12,548	43,699
Germany	389,793	324,762	242,222	65,031	16,430	406,223	124,637	20,200	252,426	35,747	398,563	21,392	34,207
Greece	9,698	9,144	5,651	553	-44	9,654	6,257	167	3,230	242	260	26	66
Ireland	67,297	7,479	3,601	\	\	66,062	3,514	\	56,989	\	\	\	\
Italy	46,473	42,607	30,608	3,865	\	43,663	15,301	373	27,968	19,095	6,980	33,524	13,141
Japan	198,196	143,147	38,843	55,050	-3,318	194,879	37,449	52,741	104,689	33,974	18,118	10,231	31,719
Korea	3,901	3,519	2,622	382	-11	3,890	3,102	35	741	116	1,769	2,826	835
Mexico	353	353	\	...	...	...	...	...	...	...	...	...	...
Netherlands	98,610	80,020	\	18,590	\	83,241	\	\	\	\	\	\	\
Panama	225	225	191	...	...	...	...	...	...	...	...	...	...
Spain	378,645	37,988	21,284	340,657	-1,356	377,289	18,596	38,506	320,187	...	75,030	2,554	73,596
Sweden	58,664	\	\	\	-234	58,430	9,745	10,225	38,421	10,122	51,612	4,237	3,665
Switzerland	236,330	103,822	79,708	132,508	-58,180	178,150	51,980	43,142	73,755	42,031	119,702	105,400	20,368
Turkey	2,670	2,561	\	\	\	2,319	\	\	\	\	\	\	...
United Kingdom	...	...	...	...	...	...	...	...	...	...	...	...	...
United States	461,438	204,283	155,627	257,155	-3,482	457,957	48,816	97,348	311,793	213,208	98,157	240,042	147,912
Memo: Domestic banks ²													
Worldwide offices (consolidated)	2,389,077	238,218	152,916	2,150,858	-20,207	2,368,870	68,423	325,899	1,974,548	297,812	419,315	63,632	364,380
Foreign offices (unconsolidated)	241,875	241,875	160,722	...	...	...	...	...	...	...	...	...	...

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 the United States

Amounts outstanding, in millions of US dollars

Table B4

Nationality of CBS-reporting bank	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			Derivatives contracts	Guarantees extended	Credit commitments	
		Total	Of which: Up to and including one year		Banks		Official sector	Non-bank private sector					
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Foreign banks	5,664,512	2,380,181	704,404	3,284,332	80,285	5,590,772	534,307	1,958,955	3,056,348	1,136,270	842,196	798,739	1,348,537
Of which: parents in CBS rep countries	5,561,636	2,300,869	664,756	3,260,768	80,285	5,590,772	534,307	1,958,955	3,056,348	1,136,270	842,196	798,739	1,348,537
Australia	96,662	40,383	17,920	56,279	8,793	105,455	14,972	57,580	32,879	...	14,184	3,377	9,488
Austria	8,369	6,404	1,470	1,965	-293	8,076	1,020	2,553	4,457	...	612	386	832
Belgium	12,505	10,068	7,410	2,437	-323	12,181	7,136	1,965	3,077	1,666	\	\	\
Brazil	27,699	22,974	18,017	4,725	863	...	...	...	...	...	...	...	...
Canada	907,899	158,378	73,075	749,521	-354	907,545	36,567	261,719	607,654	250,092	47,286	39,960	272,463
Chile	5,819	3,890	1,280	1,929	-41	5,778	3,941	...	980	...	481	...	...
Chinese Taipei	49,357	25,344	12,296	24,013	-5,299	44,059	10,730	11,420	21,909	3,368	979	216	5,147
Finland	117	117	52	...	\	172	160	1,400	12	\	\	...	\
France	473,008	144,273	62,932	328,736	8,840	481,849	64,488	182,452	234,862	87,017	24,576	34,914	201,996
Germany	432,024	223,138	110,484	208,886	-32,130	399,894	64,143	107,120	207,341	48,165	199,543	79,670	122,934
Greece	1,007	1,007	868	...	15	1,022	802	...	218	100	499	88	...
Ireland	6,407	5,081	364	\	\	6,947	527	\	5,132	\	1,560	\	\
Italy	38,051	23,123	8,492	14,928	\	36,478	2,806	14,844	18,826	10,544	1,964	24,304	18,209
Japan	1,480,431	1,020,526	78,725	459,905	93,692	1,574,122	94,377	626,953	852,793	273,619	20,404	40,694	272,454
Korea	25,265	19,710	15,311	5,556	-719	24,547	9,532	1,098	12,399	1,906	2,430	6,842	1,982
Mexico	4,280	4,280	\	...	...	...	...	...	...	...	...	...	...
Netherlands	183,556	38,944	\	144,612	\	167,055	\	\	\	\	\	\	\
Panama	7,603	7,603	3,275	...	...	...	...	...	...	...	...	...	...
Spain	261,302	27,083	11,065	234,219	581	261,883	15,781	60,853	185,248	...	16,741	6,715	73,461
Sweden	135,421	21,069	8,419	114,352	-415	135,006	7,542	118,304	8,906	1,282	8,331	5,555	5,048
Switzerland	539,105	170,419	72,582	368,686	38,299	577,405	78,669	209,346	274,000	132,777	145,438	302,495	96,096
Turkey	3,389	1,854	\	\	\	3,425	\	\	\	\	\	\	...
United Kingdom	793,364	284,417	118,191	508,947	-13,119	780,245	90,499	259,456	430,289	281,989	291,838	226,534	213,248
United States	...	...	...	...	...	...	...	...	...	...	...	...	...
Memo: Domestic banks ²													
Worldwide offices (consolidated)	10,277,942	319,410	180,003	9,958,532	38,590	10,317,830	283,377	2,619,641	7,414,812	2,357,628	196,818	1,253,535	4,552,772
Foreign offices (unconsolidated)	379,624	379,624	325,146	...	...	...	...	...	...	...	...	...	...

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 Gruić 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
										Total	Banks		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
All countries	...	...	...	...	...	...	...	...	21,655	15,314	6,530	3,186	1,593
Developed countries	...	...	...	...	...	...	...	...	16,011	12,788	5,811	2,524	698
Austria	510	189	44	278	...	...	...	...	260	121	96	41	98
Belgium	683	183	63	436	...	...	...	...	155	87	20	51	17
Cyprus	16	7	2	7	...	...	...	...	10	5	1	1	4
Estonia	2	0	2	0	...	...	...	...	2	...	...	2	0
Finland	262	114	34	114	...	...	...	...	169	125	68	21	23
France	4,150	1,478	622	2,050	...	...	...	...	1,435	1,032	612	395	8
Germany	3,431	1,454	166	1,811	...	...	...	...	1,178	936	489	180	62
Greece	112	26	2	84	...	...	...	...	76	42	35	3	31
Ireland	826	676	12	137	...	...	...	...	784	747	105	16	21
Italy	3,107	850	137	2,120	...	...	...	...	771	550	256	123	98
Latvia	10	1	0	9	...	...	...	...	8	1	0	...	7
Lithuania	14	0	0	14	...	...	...	...	11	...	...	...	11
Luxembourg	808	774	28	7	...	...	...	...	635	554	128	78	4
Malta	10	3	0	6	...	...	...	...	1	1	...	0	...
Netherlands	2,084	1,614	88	381	...	...	...	...	1,885	1,707	632	165	13
Portugal	291	91	37	163	...	...	...	...	65	34	14	8	23
Slovakia	51	7	4	40	...	...	...	...	14	...	...	3	11
Slovenia	35	1	1	32	...	...	...	...	16	1	1	1	14
Spain	1,834	764	30	1,041	...	...	...	...	544	480	132	26	38
Denmark	728	560	33	134	581	445	3	132	123	94	61	26	3
Iceland	...	...	...	...	19	9	2	8	13	10	7	1	2
Liechtenstein	...	...	...	...	...	...	...	...	1	1	1	0	...
Norway	444	283	82	78	209	99	33	77	250	199	186	51	...
Sweden	745	576	...	169	373	249	...	123	465	346	205	65	55
Switzerland	...	...	...	...	205	94	17	95	57	46	28	11	...
United Kingdom	5,915	2,671	551	2,688	...	...	...	...	2,989	2,592	1,332	377	20
Australia	1,877	1,081	214	583	1,314	698	39	577	610	540	350	64	5
Canada	2,182	587	437	1,157	1,551	303	225	1,024	830	463	300	248	119
Japan	13,849	2,689	728	10,432	13,582	2,560	596	10,426	290	216	169	66	8
New Zealand	...	...	...	...	46	...	...	46	24	7	3	16	1
United States	37,614	15,127	5,762	16,505	...	...	...	...	2,342	1,852	579	485	5
Offshore centres	...	...	...	...	...	...	...	...	2,089	1,923	303	102	65
Aruba	...	...	...	...	...	...	...	...	4	3	3	...	0
Bahamas	...	...	...	...	...	...	...	...	13	10	6	1	1
Bahrain	...	...	...	...	...	...	...	...	13	4	4	1	8
Barbados	...	...	...	...	...	...	...	...	3	2	0	...	1
Bermuda	...	...	...	...	...	...	...	...	99	84	4	14	2
Cayman Islands	...	...	...	...	...	...	...	...	1,361	1,357	98	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
										Total	Banks		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	
Curaçao	8	8	7	...	...
Gibraltar	0	0	...	0	...
Hong Kong SAR	393	208	53	132	...	...	...	...	211	175	88	35	1
Lebanon	44	...	...	44	39	1	1	...	39
Macau SAR	3	3	2	...	...
Mauritius	2	1	...	1	...
Panama	20	6	3	1	12
Singapore	342	152	109	81	81	...	...	81	118	92	64	26	...
Developing countries	1,993	604	416	559	830
Developing Africa and Middle East	293	91	61	78	124
Algeria
Angola
Benin
Cameroon
Chad
Congo
Congo Democratic Republic
Côte d'Ivoire	4	...	...	...	4
Egypt	5	...	...	...	5
Gabon	4	...	...	...	4
Ghana	6	...	...	...	6
Guinea
Iran
Iraq	3	...	...	...	3
Israel	235	29	51	156	205	29	42	134	34	3	...	16	14
Jordan	4	...	...	...	4
Kenya	3	...	...	...	3
Kuwait	3	2	1	0	...
Lesotho
Liberia	0	...	...	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	9	5	5	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
										Total	Banks		
	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16
Saudi Arabia	59	...	...	59	59	...	...	59	9	2	1	7	...
Senegal	1	...	...	...	1
Seychelles	0	...	...	...	0
South Africa	180	35	21	125	29	7	3	10	12
Sudan
Tanzania
Tunisia	5	3	...	...	2
Uganda
United Arab Emirates	111	55	47	36	20
Yemen
Zambia
Zimbabwe
Developing Asia and Pacific	588	294	187	153	142
Azerbaijan	6	1	1	3	1
Bangladesh
Brunei
China	8,073	3,161	2,392	2,520	7,874	3,044	2,374	2,456	112	84	50	16	13
Chinese Taipei	333	49	107	177	12	6	5	6	...
French Polynesia
Georgia	2	1	1	1	1
India	727	...	...	727	30	10	7	21	...
Indonesia	157	21	9	127	89	20	2	13	57
Kazakhstan	27	6	5	12	9
Korea	171	111	94	54	7
Kyrgyz Republic
Laos
Malaysia	342	46	134	162	303	38	108	158	46	37	14	3	6
Myanmar
Nauru
New Caledonia
North Korea
Pakistan	130	...	...	130	5	...	...	...	5
Papua New Guinea
Philippines	82	...	1	82	48	8	3	10	30
Sri Lanka	9	2	2	0	7
Thailand	309	126	72	112	298	121	66	112	10	3	1	6	0
Turkmenistan
Uzbekistan
Vietnam	3	0	0	0	2
Developing Europe	412	106	95	59	247

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
										Total	Banks		
Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	Q2 16	
Belarus	1	...	...	...	1
Bulgaria	10	0	0	1	9
Croatia	31	0	3	29	16	0	1	15	16	1	1	3	13
Hungary	104	10	2	91	72	5	0	67	34	9	7	2	23
Macedonia, FYR	1	...	...	...	1
Moldova
Poland	267	29	30	207	...	...	...	...	66	4	2	1	61
Romania	22	0	0	...	21
Russia	395	121	145	129	219	61	67	91	104	38	33	34	32
Turkey	276	50	8	218	174	14	3	157	120	46	45	8	66
Ukraine	5	1	1	1	3
Developing Latin America & Caribbean	700	113	72	270	318
Argentina	190	68	9	113	33	33	...	...	73	2	1	10	60
Belize
Bolivia	2	0	0	...	2
Brazil	1,983	569	119	1,295	133	47	33	37	50
Chile	140	71	26	42	62	12	11	39	10
Colombia	78	...	2	77	50	9	6	15	26
Costa Rica	8	2	2	1	4
Cuba
Dominican Republic	11	1	0	1	10
Ecuador	4	...	...	...	4
El Salvador	6	0	...	...	6
Grenada
Guatemala	5	1	1	1	2
Haiti
Jamaica	9	...	...	3	5
Mexico	484	140	39	306	225	23	11	133	69
Nicaragua
Paraguay	3	1	1	0	2
Peru	27	8	3	16	43	13	7	11	19
Surinam
Trinidad and Tobago	3	...	...	2	1
Uruguay	15	...	...	0	15
Venezuela	48	1	...	17	31
International organisations	1,563	...	...	...	...

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	168.6	...	190.2	...	...	...	...
Financial corporations	62.1	...	67.8	...	...	...	...
Non-financial corporations	9.4	...	9.3	...	...	...	...
General government	97.1	...	113.2	...	...	...	...
Domestic debt securities	32.2	1.6	32.9	...	...	...	...
Financial corporations	32.2	1.6	32.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	53.0	20.1	72.7	7.2	6.8	79.6	4.5
Banks	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	-	-	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
By interest rate type							
Fixed	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
Other	-	-	-	-	-	-	-
Other financial corporations	1.4	...	1.4	...	-0.1	1.3	0.4
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.0	...	1.0	...	-0.1	0.9	0.4
Euro	0.3	...	0.3	...	...	0.3	-
Other foreign currencies	0.0	...	-	...	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.4	...	1.4	...	-0.1	1.3	0.4
By interest rate type							
Fixed	1.2	...	1.2	...	-0.1	1.1	0.4
Other	0.2	...	0.2	...	-	0.2	-
Non-financial corporations	9.2	0.6	9.9	3.0	2.7	12.6	1.4
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	9.2	0.6	9.9	2.7	2.4	12.3	1.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	-	-	0.3	0.3	0.3	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.2	0.6	9.9	3.0	2.7	12.6	1.4
By interest rate type							
Fixed	9.0	0.6	9.6	2.2	2.0	11.6	1.4
Other	0.2	-	0.2	0.8	0.8	1.0	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	41.3	19.6	60.5	4.0	3.9	64.5	2.7
By currency							
Local currency	0.2	...	0.2	...	...	0.2	-
US dollar	22.7	19.6	42.3	4.0	4.0	46.3	2.7
Euro	17.9	-	17.4	...	-0.1	17.4	-
Other foreign currencies	0.6	-	0.6	-	0.0	0.6	-
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	-
Long-term	41.3	19.6	60.4	4.0	3.9	64.4	2.7
By interest rate type							
Fixed	39.8	19.6	59.0	4.0	3.9	63.0	2.7
Other	1.5	-	1.5	-	-	1.5	-
National issuers							
International debt securities	53.0	19.6	72.2	6.5	6.1	78.3	3.8
Banks	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
By currency							
US dollar	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
Euro	...	...	...	...	...	...	...
Other currencies	-	-	-	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
By interest rate type							
Fixed	1.1	-0.1	1.0	0.3	0.3	1.3	0.2
Other	-	-	-	-	-	-	-
Other financial corporations	1.0	-	1.0	...	-0.1	0.9	0.4
By currency							
US dollar	0.8	...	0.8	...	-0.1	0.7	0.4
Euro	0.2	-	0.2	...	...	0.2	-
Other currencies	-	-	-	...	-	0.0	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	-	1.0	...	-0.1	0.9	0.4
By interest rate type							
Fixed	0.9	-	0.9	...	-0.1	0.8	0.4
Other	0.1	-	0.1	...	-	0.1	-
Non-financial corporations	9.6	0.1	9.7	2.3	2.0	11.7	0.6
By currency							
US dollar	9.4	0.1	9.5	2.0	1.9	11.4	0.6
Euro	...	...	...	...	...	...	...
Other currencies	0.2	-	0.2	0.3	0.1	0.3	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.6	0.1	9.7	2.3	2.0	11.7	0.6
By interest rate type							
Fixed	8.9	0.1	9.0	1.5	1.3	10.3	0.5
Other	0.7	-	0.7	0.8	0.8	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	1,912.1	...	1,877.0	...	...	...	...
Financial corporations	1,099.9	...	1,080.6	...	...	...	...
Non-financial corporations	218.4	...	213.6	...	...	...	...
General government	593.8	...	582.8	...	...	...	...
Domestic debt securities	1,345.2	9.2	1,313.7	...	...	...	...
Financial corporations	715.5	4.0	697.8	...	...	...	...
Short-term	204.1	-6.1	191.9	...	...	...	...
Long-term	511.3	10.1	505.9	...	...	...	...
Non-financial corporations	40.3	-0.4	38.7	...	...	...	...
Short-term	1.8	-	1.7	...	...	...	...
Long-term	38.5	-0.4	37.0	...	...	...	...
General government	589.4	5.6	577.2	...	...	...	...
Short-term	21.1	-3.1	17.3	...	...	...	...
Long-term	568.4	8.7	559.9	...	...	...	...
International debt securities	604.9	12.5	610.3	49.5	7.3	618.2	129.2
Banks	342.5	11.0	349.7	39.7	6.5	356.0	111.7
By currency							
Local currency	18.1	0.7	18.3	1.7	-0.4	18.4	7.0
US dollar	155.3	7.6	163.0	22.0	8.2	171.2	45.6
Euro	82.8	0.9	81.6	3.6	-1.1	81.0	17.1
Other foreign currencies	86.2	1.8	86.8	12.3	-0.3	85.5	42.0
By original maturity							
Short-term	45.5	1.4	45.2	23.0	4.0	48.5	48.0
Long-term	297.0	9.6	304.4	16.7	2.5	307.5	63.7
By interest rate type							
Fixed	255.5	8.6	262.4	30.7	8.0	271.0	68.3
Other	87.0	2.4	87.3	9.1	-1.5	85.1	43.5
Other financial corporations	194.2	-0.8	190.8	7.6	3.6	195.0	10.7
By currency							
Local currency	30.7	-0.5	29.2	0.7	-0.3	29.7	2.6
US dollar	102.0	0.5	102.4	6.1	4.7	107.1	4.8
Euro	45.0	-2.1	41.8	0.1	-0.4	41.6	1.1
Other foreign currencies	16.5	1.4	17.3	0.6	-0.4	16.6	2.1
By original maturity							
Short-term	3.1	-0.2	2.9	2.8	0.8	3.7	3.7
Long-term	191.0	-0.5	187.9	4.8	2.7	191.3	7.0
By interest rate type							
Fixed	91.7	-0.7	89.8	7.4	4.3	94.2	8.6
Other	102.5	-0.1	101.0	0.2	-0.7	100.8	2.1
Non-financial corporations	64.1	1.0	64.5	1.1	-1.1	63.5	5.4
By currency							
Local currency	4.4	-0.1	4.2	0.6	0.2	4.5	1.7
US dollar	38.5	-0.9	37.6	0.3	-1.3	36.3	2.4
Euro	15.8	1.5	16.8	...	...	16.9	1.1
Other foreign currencies	5.5	0.6	5.9	0.2	0.0	5.8	0.2
By original maturity							
Short-term	0.9	0.0	0.9	0.3	-0.3	0.6	0.6
Long-term	63.3	1.0	63.6	0.8	-0.8	62.9	4.8
By interest rate type							
Fixed	59.4	1.1	60.0	1.1	-0.3	59.7	4.5
Other	4.7	-0.1	4.5	0.0	-0.8	3.8	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	4.1	1.2	5.3	1.1	-1.6	3.7	1.3
By currency							
Local currency	2.0	0.4	2.3	0.1	-0.5	1.9	0.1
US dollar	1.5	0.8	2.3	0.8	-1.3	1.0	1.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.6	0.0	0.7	0.2	0.1	0.8	0.2
By original maturity							
Short-term	1.5	1.2	2.7	1.1	-1.6	1.1	1.1
Long-term	2.6	0.0	2.6	0.0	0.0	2.6	0.2
By interest rate type							
Fixed	4.1	1.2	5.3	1.1	-1.6	3.7	1.3
Other	0.0	-	0.0	-	-	0.0	-
National issuers							
International debt securities	627.0	14.3	633.3	43.0	11.6	644.9	115.1
Banks	404.5	11.8	411.2	34.4	9.2	420.5	102.0
By currency							
US dollar	180.8	8.5	189.3	20.4	10.3	199.6	40.3
Euro	102.6	3.6	103.6	4.6	0.2	104.4	21.8
Other currencies	121.1	-0.3	118.3	9.4	-1.3	116.5	39.9
By original maturity							
Short-term	30.5	-0.2	28.7	14.0	3.6	31.5	31.4
Long-term	374.0	12.0	382.4	20.3	5.7	389.0	70.6
By interest rate type							
Fixed	268.3	9.8	276.1	24.1	10.4	286.9	54.2
Other	136.1	2.0	135.1	10.3	-1.1	133.5	47.8
Other financial corporations	98.3	0.1	97.0	3.0	0.7	97.7	4.9
By currency							
US dollar	57.1	-0.3	56.9	1.8	0.4	57.3	2.6
Euro	18.8	-0.9	17.4	0.2	-0.4	17.1	0.2
Other currencies	22.4	1.3	22.7	1.1	0.7	23.3	2.1
By original maturity							
Short-term	2.2	-0.6	1.6	1.9	0.6	2.2	2.2
Long-term	96.1	0.7	95.4	1.1	0.1	95.5	2.8
By interest rate type							
Fixed	23.3	1.1	24.2	2.0	0.5	24.6	4.8
Other	75.0	-1.0	72.9	1.0	0.2	73.1	0.1
Non-financial corporations	120.2	1.2	119.8	4.5	3.2	123.0	6.8
By currency							
US dollar	67.5	-0.4	67.1	3.7	2.9	70.0	4.3
Euro	37.2	0.9	37.2	0.2	0.2	37.5	1.1
Other currencies	15.4	0.7	15.5	0.7	0.2	15.5	1.4
By original maturity							
Short-term	1.0	0.0	1.0	0.3	-0.3	0.7	0.6
Long-term	119.2	1.1	118.8	4.3	3.6	122.3	6.2
By interest rate type							
Fixed	113.5	1.2	113.3	4.3	3.3	116.5	5.9
Other	6.7	0.0	6.5	0.2	-0.1	6.5	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	686.4	...	682.7	...	...	...	...
Financial corporations	185.4	...	183.4	...	...	...	...
Non-financial corporations	66.1	...	63.2	...	...	...	...
General government	434.9	...	436.0	...	...	...	...
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	159.5	-0.5	155.3	4.7	3.6	159.4	10.5
Banks	21.3	-0.4	20.4	0.3	-0.2	20.3	3.7
By currency							
Local currency	20.0	-0.4	19.1	0.3	-0.2	19.1	3.7
US dollar	1.3	...	1.3	...	...	1.3	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	-	0.0	-	0.0	0.0	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	21.3	-0.4	20.4	0.3	-0.2	20.3	3.7
By interest rate type							
Fixed	12.7	0.6	13.0	...	-0.2	12.9	1.4
Other	8.5	-0.9	7.4	0.3	-	7.4	2.3
Other financial corporations	67.9	0.2	66.4	1.0	1.0	67.7	0.4
By currency							
Local currency	65.9	0.2	64.5	...	...	64.8	0.4
US dollar	1.2	...	1.2	1.0	1.0	2.2	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.8	-	0.8	-	-	0.7	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	67.9	0.2	66.4	1.0	1.0	67.7	0.4
By interest rate type							
Fixed	17.0	0.2	16.9	1.0	1.0	17.9	0.4
Other	50.8	-	49.6	-	-	49.8	-
Non-financial corporations	53.4	-1.0	51.2	0.2	-0.3	51.0	4.8
By currency							
Local currency	43.9	-1.0	41.9	0.2	0.2	42.4	3.2
US dollar	5.1	...	5.1	...	-0.5	4.6	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	4.4	-	4.2	-	-	4.1	1.1
By original maturity							
Short-term	0.9	...	0.8	...	...	0.8	-
Long-term	52.6	-1.0	50.3	0.2	-0.3	50.2	4.8
By interest rate type							
Fixed	48.3	-1.2	45.9	0.1	0.1	46.1	4.6
Other	5.2	0.2	5.3	0.1	-0.4	4.9	0.2

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
General government	17.0	0.7	17.3	3.2	3.0	20.3	1.6
By currency							
Local currency	11.7	0.7	12.0	0.2	0.0	12.2	1.6
US dollar	4.0	...	4.0	3.0	3.0	7.0	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.3	-	1.2	-	-	1.2	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	17.0	0.7	17.3	3.2	3.0	20.3	1.6
By interest rate type							
Fixed	13.8	0.5	14.1	3.2	3.2	17.3	0.6
Other	3.1	0.2	3.2	-	-0.1	3.1	1.0
National issuers							
International debt securities	318.7	1.6	313.1	17.4	2.0	316.1	57.4
Banks	174.5	0.7	171.2	12.9	-0.9	170.8	45.5
By currency							
US dollar	22.7	0.3	22.9	5.5	4.0	26.9	10.4
Euro	137.8	0.9	135.2	3.6	-6.5	129.5	26.2
Other currencies	14.0	-0.5	13.1	3.9	1.5	14.3	8.9
By original maturity							
Short-term	11.1	0.0	10.7	9.9	4.5	15.1	15.1
Long-term	163.4	0.7	160.6	3.0	-5.5	155.7	30.5
By interest rate type							
Fixed	117.3	2.3	116.9	12.3	0.3	117.5	33.3
Other	57.2	-1.6	54.3	0.6	-1.3	53.3	12.3
Other financial corporations	69.5	1.2	69.0	1.1	0.2	69.6	5.3
By currency							
US dollar	3.5	0.1	3.7	0.2	0.0	3.7	0.2
Euro	64.5	1.1	64.0	0.8	0.0	64.4	5.1
Other currencies	1.4	0.0	1.4	0.1	0.1	1.5	0.0
By original maturity							
Short-term	1.2	0.2	1.4	0.5	-0.3	1.1	1.1
Long-term	68.2	1.1	67.7	0.6	0.4	68.5	4.2
By interest rate type							
Fixed	25.4	1.4	26.2	0.9	0.1	26.4	4.2
Other	44.0	-0.1	42.8	0.1	0.1	43.1	1.1
Non-financial corporations	57.8	-1.0	55.6	0.2	-0.3	55.4	4.9
By currency							
US dollar	9.8	...	9.8	...	-0.5	9.3	0.5
Euro	43.1	-1.0	41.1	0.2	0.2	41.5	3.2
Other currencies	4.9	-	4.8	-	-	4.6	1.3
By original maturity							
Short-term	0.9	...	0.8	...	...	0.8	-
Long-term	56.9	-1.0	54.8	0.2	-0.3	54.6	4.9
By interest rate type							
Fixed	52.8	-1.2	50.5	0.1	0.1	50.6	4.8
Other	5.0	0.2	5.1	0.1	-0.4	4.8	0.2

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	1,751.9	37.4	1,983.3	...	...	...	...
Financial corporations	501.9	11.0	568.5	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	113.8	-6.3	119.4	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	1,136.2	32.6	1,295.5	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	136.3	-3.2	133.5	1.5	-1.5	132.0	7.7
Banks	34.7	-1.6	33.1	0.0	-2.4	30.8	2.5
By currency							
Local currency	1.2	-	1.3	...	-0.5	0.8	0.7
US dollar	31.6	-1.6	29.9	0.0	-1.9	28.1	0.5
Euro	1.6	...	1.6	...	...	1.6	0.8
Other foreign currencies	0.4	0.0	0.4	-	-	0.4	0.4
By original maturity							
Short-term	0.0	0.0	0.0	...	0.0	...	...
Long-term	34.7	-1.6	33.1	0.0	-2.4	30.8	2.5
By interest rate type							
Fixed	34.5	-1.6	33.0	0.0	-2.4	30.6	2.5
Other	0.1	-	0.1	-	-	0.1	0.0
Other financial corporations	15.2	-1.0	14.2	...	...	14.2	1.2
By currency							
Local currency	0.5	-0.5	...	...	...	...	...
US dollar	14.7	-0.5	14.2	...	...	14.2	1.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	-	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	15.2	-1.0	14.2	...	...	14.2	1.2
By interest rate type							
Fixed	14.7	-0.5	14.2	...	...	14.2	1.2
Other	0.5	-0.5	-	...	...	-	-
Non-financial corporations	37.1	-0.6	36.5	...	-0.6	35.9	1.1
By currency							
Local currency	1.2	-0.1	1.2	...	-0.3	0.8	0.2
US dollar	30.9	-0.5	30.4	...	-0.3	30.1	0.8
Euro	5.1	...	5.0	...	...	5.0	-
Other foreign currencies	-	-	0.0	...	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	37.1	-0.6	36.5	...	-0.6	35.9	1.1
By interest rate type							
Fixed	36.8	-0.6	36.2	...	-0.6	35.5	1.1
Other	0.4	-	0.4	...	-	0.4	-

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
General government	49.3	...	49.6	1.5	1.5	51.1	3.0
By currency							
Local currency	3.1	...	3.4	...	...	3.4	-
US dollar	44.6	...	44.6	1.5	1.5	46.1	2.6
Euro	1.6	...	1.5	...	...	1.5	0.4
Other foreign currencies	-	...	-	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	49.3	...	49.6	1.5	1.5	51.1	3.0
By interest rate type							
Fixed	49.3	...	49.6	1.5	1.5	51.1	3.0
Other	-	...	-	-	-	-	-
National issuers							
International debt securities	285.2	4.2	289.5	10.1	2.7	292.1	21.0
Banks	68.8	-1.4	67.5	2.1	-1.4	66.1	8.0
By currency							
US dollar	62.3	-1.2	61.1	2.1	-0.9	60.2	5.5
Euro	2.9	0.0	2.7	0.0	0.0	2.8	0.9
Other currencies	3.7	-0.2	3.7	0.0	-0.5	3.2	1.6
By original maturity							
Short-term	2.8	-0.4	2.4	1.8	0.4	2.9	2.9
Long-term	66.0	-1.0	65.1	0.3	-1.8	63.3	5.1
By interest rate type							
Fixed	67.5	-1.4	66.2	2.0	-1.4	64.8	7.4
Other	1.3	-0.1	1.3	0.1	0.1	1.4	0.5
Other financial corporations	17.1	-0.7	16.4	0.1	-0.7	15.7	0.7
By currency							
US dollar	16.5	-0.2	16.2	0.1	-0.8	15.5	0.5
Euro	0.0	-	0.0	0.0	0.0	0.0	0.0
Other currencies	0.7	-0.5	0.2	0.0	0.0	0.2	0.1
By original maturity							
Short-term	0.3	-0.2	0.2	0.1	0.0	0.2	0.2
Long-term	16.8	-0.5	16.3	...	-0.8	15.5	0.5
By interest rate type							
Fixed	16.6	-0.2	16.4	0.1	-0.8	15.7	0.7
Other	0.5	-0.5	0.0	0.0	0.0	0.0	0.0
Non-financial corporations	150.0	6.3	155.9	6.4	3.3	159.1	9.4
By currency							
US dollar	132.2	6.4	138.6	6.4	4.0	142.6	9.2
Euro	13.0	...	12.7	...	...	12.7	0.0
Other currencies	4.8	-0.1	4.6	-	-0.7	3.8	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	150.0	6.3	155.9	6.4	3.3	159.1	9.4
By interest rate type							
Fixed	144.0	7.3	150.9	6.4	3.3	154.2	8.0
Other	5.9	-1.0	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	2,143.4	...	2,182.0	...	...	...	...
Financial corporations	565.2	...	587.2	...	...	...	...
Non-financial corporations	437.2	...	437.4	...	...	...	...
General government	1,141.1	...	1,157.4	...	...	...	...
Domestic debt securities	1,526.3	29.7	1,551.2	...	...	...	...
Financial corporations	295.6	8.2	302.8	...	...	...	...
Short-term	87.6	8.0	95.2	...	...	...	...
Long-term	208.0	0.2	207.6	...	...	...	...
Non-financial corporations	224.5	0.8	224.6	...	...	...	...
Short-term	9.5	-1.5	8.0	...	...	...	...
Long-term	215.0	2.2	216.6	...	...	...	...
General government	1,006.2	20.7	1,023.8	...	...	...	...
Short-term	132.8	13.1	145.4	...	...	...	...
Long-term	873.4	7.6	878.4	...	...	...	...
International debt securities	809.6	25.3	829.5	55.8	14.8	843.4	129.4
Banks	285.2	18.9	300.5	31.7	2.4	302.5	66.8
By currency							
Local currency	6.8	-0.7	6.1	0.0	-0.2	5.8	0.9
US dollar	159.5	13.3	172.8	22.8	-1.6	171.2	47.1
Euro	83.8	5.9	87.5	3.2	0.7	88.7	9.2
Other foreign currencies	35.2	0.4	34.1	5.6	3.5	36.9	9.6
By original maturity							
Short-term	6.9	1.8	8.4	5.7	3.8	12.0	12.0
Long-term	278.3	17.2	292.1	26.0	-1.4	290.5	54.8
By interest rate type							
Fixed	202.1	17.0	217.4	24.6	9.0	226.7	42.1
Other	83.1	1.9	83.0	7.1	-6.7	75.9	24.7
Other financial corporations	159.4	3.6	162.2	15.1	11.7	173.2	35.9
By currency							
Local currency	64.2	-9.9	54.2	4.6	2.6	56.2	14.1
US dollar	70.2	12.8	83.1	9.5	8.7	91.7	16.6
Euro	14.5	0.5	14.6	...	-0.3	14.4	2.0
Other foreign currencies	10.5	0.2	10.3	0.9	0.7	10.9	3.2
By original maturity							
Short-term	2.3	-0.5	1.8	1.1	0.4	2.2	2.2
Long-term	157.1	4.1	160.4	14.0	11.3	171.1	33.7
By interest rate type							
Fixed	126.9	-3.0	123.2	10.9	9.9	132.6	25.0
Other	32.6	6.6	39.0	4.2	1.8	40.6	11.0
Non-financial corporations	245.5	2.7	248.0	3.8	1.6	249.4	13.0
By currency							
Local currency	16.8	0.2	17.0	0.5	0.2	17.0	1.8
US dollar	223.9	1.2	225.1	3.2	1.4	226.5	11.1
Euro	2.8	1.3	4.0	...	...	4.1	0.0
Other foreign currencies	1.9	-	1.9	-	-	1.9	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	245.5	2.7	248.0	3.8	1.6	249.4	13.0
By interest rate type							
Fixed	225.0	3.0	227.8	2.4	0.6	228.3	9.8
Other	20.5	-0.3	20.2	1.3	1.0	21.2	3.2

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	119.4	0.0	118.8	5.3	-0.9	118.1	13.7
By currency							
Local currency	5.0	1.4	6.3	...	...	6.2	0.3
US dollar	81.5	-0.5	81.0	4.1	-1.7	79.4	11.4
Euro	23.2	-1.1	21.5	0.8	0.5	22.2	-
Other foreign currencies	9.7	0.3	10.0	0.4	0.3	10.3	2.0
By original maturity							
Short-term	0.1	0.0	0.1	0.1	0.0	0.1	0.1
Long-term	119.3	0.0	118.7	5.1	-0.9	118.0	13.5
By interest rate type							
Fixed	116.1	0.0	115.5	4.1	-2.0	113.6	13.0
Other	3.4	-	3.4	1.2	1.2	4.5	0.7
National issuers							
International debt securities	798.5	28.2	821.2	64.7	18.1	838.2	137.6
Banks	316.9	26.1	338.9	42.7	7.3	345.8	81.3
By currency							
US dollar	177.0	20.9	197.9	30.6	1.7	199.5	55.0
Euro	89.3	6.0	93.0	3.5	0.8	94.3	10.5
Other currencies	50.6	-0.8	48.1	8.5	4.9	52.0	15.8
By original maturity							
Short-term	14.5	4.8	18.8	13.6	6.1	24.6	24.6
Long-term	302.4	21.3	320.1	29.1	1.2	321.2	56.7
By interest rate type							
Fixed	223.4	20.5	242.0	33.0	11.7	253.8	53.0
Other	93.5	5.6	96.9	9.7	-4.4	91.9	28.3
Other financial corporations	126.1	-3.5	122.1	12.0	9.1	130.6	29.5
By currency							
US dollar	50.6	5.6	56.2	7.2	6.2	62.4	13.1
Euro	8.7	0.0	8.4	-	-0.1	8.4	0.9
Other currencies	66.8	-9.1	57.4	4.9	2.9	59.7	15.5
By original maturity							
Short-term	2.4	-0.5	1.9	1.1	0.5	2.3	2.3
Long-term	123.7	-3.0	120.2	10.9	8.6	128.2	27.2
By interest rate type							
Fixed	94.9	-5.9	88.5	9.6	8.8	96.9	19.8
Other	31.2	2.4	33.6	2.5	0.2	33.7	9.7
Non-financial corporations	236.1	5.5	241.4	4.7	2.5	243.7	13.2
By currency							
US dollar	208.7	4.5	213.3	4.3	2.5	215.7	10.4
Euro	6.4	1.3	7.5	-	0.0	7.5	0.4
Other currencies	21.0	-0.2	20.6	0.4	0.1	20.5	2.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	236.1	5.5	241.4	4.7	2.5	243.7	13.2
By interest rate type							
Fixed	215.4	5.9	221.0	3.5	1.6	222.5	10.1
Other	20.7	-0.3	20.4	1.3	0.9	21.2	3.1

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	8,294.6	...	8,073.4	...	...	...	...
Financial corporations	3,247.9	...	3,161.3	...	...	...	...
Non-financial corporations	2,457.4	...	2,391.8	...	...	...	...
General government	2,589.3	...	2,520.3	...	...	...	...
Domestic debt securities	8,089.3	–	7,873.6	...	...	...	...
Financial corporations	3,127.8	–	3,044.4	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	2,438.7	–	2,373.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	2,522.8	–	2,455.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	97.0	16.2	112.3	14.3	12.5	124.7	16.4
Banks	47.8	2.5	49.9	2.5	2.4	52.3	4.9
By currency							
Local currency	10.4	–1.2	8.9	...	0.0	8.8	2.3
US dollar	34.4	2.4	36.8	1.9	1.9	38.7	1.1
Euro	2.5	0.7	3.2	...	...	3.2	–
Other foreign currencies	0.5	0.6	1.0	0.6	0.5	1.6	1.6
By original maturity							
Short-term	1.1	0.6	1.7	0.9	0.8	2.6	2.6
Long-term	46.6	1.9	48.2	1.6	1.6	49.7	2.3
By interest rate type							
Fixed	46.8	2.5	49.0	1.9	1.8	50.8	4.9
Other	0.9	–	0.9	0.6	0.6	1.5	–
Other financial corporations	22.1	11.6	33.6	5.1	5.0	38.7	1.0
By currency							
Local currency	1.6	...	1.6	0.3	0.3	1.9	0.4
US dollar	18.7	10.5	29.2	4.8	4.8	34.0	0.6
Euro	1.7	1.1	2.8	...	...	2.8	–
Other foreign currencies	0.1	0.0	0.1	–	–0.1	–	–
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	22.1	11.6	33.6	5.1	5.0	38.7	1.0
By interest rate type							
Fixed	21.6	6.1	27.6	4.5	4.4	32.1	1.0
Other	0.5	5.5	6.0	0.6	0.6	6.6	–
Non-financial corporations	14.4	1.7	16.0	4.6	4.4	20.4	5.6
By currency							
Local currency	3.1	1.1	4.0	0.2	0.2	4.2	2.8
US dollar	9.0	0.7	9.7	4.2	4.2	13.9	2.0
Euro	0.5	...	0.4	...	...	0.4	–
Other foreign currencies	1.9	–0.1	1.8	0.2	0.0	1.8	0.7
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	14.4	1.7	16.0	4.6	4.4	20.4	5.6
By interest rate type							
Fixed	7.1	1.9	8.8	2.4	2.3	11.1	3.3
Other	7.4	–0.2	7.2	2.1	2.1	9.3	2.2

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	12.6	0.5	12.8	2.1	0.6	13.3	4.9
By currency							
Local currency	12.4	0.5	12.5	2.1	0.6	13.0	4.9
US dollar	0.2	...	0.2	...	...	0.2	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	-	0.1	-	-	0.1	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	12.6	0.5	12.8	2.1	0.6	13.3	4.9
By interest rate type							
Fixed	12.6	0.5	12.8	2.1	0.6	13.3	4.9
Other	-	-	-	-	-	-	-
National issuers							
International debt securities	527.7	40.9	565.8	85.4	39.7	605.2	134.3
Banks	160.8	16.9	176.3	49.9	15.2	191.4	85.8
By currency							
US dollar	105.4	18.1	123.6	33.8	14.3	137.9	51.3
Euro	6.4	3.0	9.1	3.5	0.3	9.5	4.6
Other currencies	49.0	-4.2	43.6	12.6	0.6	44.0	29.9
By original maturity							
Short-term	59.8	9.3	68.4	34.6	2.2	70.5	69.8
Long-term	101.0	7.6	107.9	15.3	13.0	120.9	16.0
By interest rate type							
Fixed	154.5	15.9	169.2	47.7	13.2	182.3	85.4
Other	6.3	0.9	7.1	2.3	1.9	9.1	0.4
Other financial corporations	69.4	14.5	83.6	12.5	8.3	91.9	11.0
By currency							
US dollar	51.6	12.4	64.0	11.6	8.5	72.5	5.4
Euro	4.3	1.1	5.3	0.5	0.3	5.6	0.7
Other currencies	13.5	1.1	14.4	0.4	-0.5	13.8	4.9
By original maturity							
Short-term	9.2	-0.4	8.7	0.4	-2.6	6.2	6.2
Long-term	60.2	14.9	74.9	12.2	10.8	85.7	4.8
By interest rate type							
Fixed	65.2	9.1	73.9	11.3	7.5	81.4	10.9
Other	4.2	5.5	9.7	1.2	0.8	10.5	0.1
Non-financial corporations	284.9	9.0	293.0	20.8	15.6	308.6	32.6
By currency							
US dollar	239.1	8.6	247.7	19.0	15.0	262.8	22.0
Euro	13.1	2.7	15.4	...	...	15.4	-
Other currencies	32.8	-2.3	29.9	1.7	0.6	30.4	10.6
By original maturity							
Short-term	0.4	0.0	0.4	0.2	0.1	0.5	0.5
Long-term	284.5	9.0	292.6	20.6	15.5	308.1	32.1
By interest rate type							
Fixed	254.6	10.2	264.0	17.9	13.3	277.3	26.7
Other	30.3	-1.2	29.0	2.9	2.3	31.3	5.9

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	4,200.6	...	4,150.1	...	...	...	...
Financial corporations	1,505.2	...	1,478.1	...	...	...	...
Non-financial corporations	621.0	...	622.4	...	...	...	...
General government	2,074.4	...	2,049.6	...	...	...	...
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	1,438.4	23.6	1,434.6	102.3	11.7	1,449.8	274.4
Banks	610.8	11.5	611.8	41.1	2.5	616.2	133.5
By currency							
Local currency	432.4	2.3	424.0	13.9	-8.1	418.1	90.4
US dollar	102.9	6.8	109.7	12.6	5.6	115.3	18.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	75.5	2.4	78.2	14.6	5.1	82.9	24.2
By original maturity							
Short-term	28.9	3.9	31.7	24.5	5.0	36.3	36.2
Long-term	581.9	7.7	580.2	16.6	-2.5	580.0	97.3
By interest rate type							
Fixed	491.0	11.5	493.9	38.3	4.9	500.2	97.0
Other	119.8	0.1	117.9	2.8	-2.4	116.1	36.6
Other financial corporations	422.6	5.5	420.1	49.2	10.9	432.0	94.7
By currency							
Local currency	269.6	-5.3	257.6	8.6	4.9	264.0	23.9
US dollar	112.9	11.8	124.6	38.4	13.0	137.7	65.8
Euro	...	...	...	...	...	...	...
Other foreign currencies	40.2	-1.0	37.9	2.2	-7.0	30.3	5.0
By original maturity							
Short-term	35.2	7.5	42.1	35.3	4.3	46.3	46.3
Long-term	387.5	-2.0	378.0	13.9	6.6	385.7	48.5
By interest rate type							
Fixed	303.2	6.8	304.9	47.8	9.9	315.1	89.3
Other	119.4	-1.4	115.3	1.5	1.0	116.8	5.4
Non-financial corporations	396.5	6.8	394.6	11.9	-1.8	393.5	45.9
By currency							
Local currency	291.7	5.2	289.5	7.4	-1.4	289.7	32.6
US dollar	65.0	4.0	69.0	2.2	-0.8	68.1	8.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	39.9	-2.4	36.1	2.4	0.4	35.7	5.3
By original maturity							
Short-term	8.3	-0.3	7.8	6.7	1.0	8.8	8.8
Long-term	388.2	7.0	386.8	5.2	-2.8	384.7	37.2
By interest rate type							
Fixed	365.0	6.3	363.3	11.5	-0.6	363.3	43.5
Other	31.5	0.5	31.2	0.5	-1.2	30.1	2.5

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	8.5	-0.2	8.0	0.1	0.1	8.1	0.2
By currency							
Local currency	7.5	-0.2	7.1	0.1	0.1	7.2	0.0
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.0	-	1.0	-	-	1.0	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.5	-0.2	8.0	0.1	0.1	8.1	0.2
By interest rate type							
Fixed	7.6	-0.2	7.2	0.1	0.1	7.3	0.2
Other	0.9	-	0.9	-	-	0.9	0.0
National issuers							
International debt securities	1,543.0	21.1	1,536.1	103.7	13.6	1,553.7	272.4
Banks	668.4	8.6	666.5	38.4	5.8	674.8	123.7
By currency							
US dollar	121.7	4.9	126.6	9.6	1.5	128.0	21.7
Euro	467.7	2.0	458.0	16.0	-0.3	460.2	82.1
Other currencies	79.0	1.7	81.9	12.8	4.6	86.6	19.9
By original maturity							
Short-term	25.7	2.7	27.7	20.2	2.7	30.2	30.1
Long-term	642.6	5.9	638.8	18.2	3.0	644.6	93.7
By interest rate type							
Fixed	493.1	10.3	495.8	34.9	7.4	504.9	87.9
Other	175.3	-1.7	170.7	3.5	-1.6	169.9	35.9
Other financial corporations	340.0	1.7	335.7	43.4	2.2	338.5	90.4
By currency							
US dollar	112.3	8.6	121.0	36.7	11.6	132.6	64.5
Euro	197.5	-6.7	186.0	4.5	-2.8	184.2	21.2
Other currencies	30.2	-0.2	28.8	2.2	-6.7	21.6	4.7
By original maturity							
Short-term	42.8	4.8	46.9	37.9	4.3	51.1	51.1
Long-term	297.3	-3.1	288.8	5.5	-2.2	287.3	39.3
By interest rate type							
Fixed	256.5	1.9	254.2	42.4	4.0	258.4	86.0
Other	83.5	-0.2	81.5	1.0	-1.8	80.0	4.4
Non-financial corporations	526.1	11.0	525.8	21.8	5.5	532.3	58.1
By currency							
US dollar	99.3	2.8	102.1	6.7	3.1	105.2	12.0
Euro	370.6	10.8	372.0	12.4	2.7	376.7	39.1
Other currencies	56.2	-2.6	51.7	2.6	-0.3	50.4	7.0
By original maturity							
Short-term	8.7	0.4	8.9	7.3	0.7	9.6	9.6
Long-term	517.4	10.6	516.9	14.5	4.8	522.7	48.5
By interest rate type							
Fixed	449.1	8.5	448.1	21.2	7.0	455.7	50.7
Other	77.0	2.5	77.8	0.6	-1.4	76.6	7.4

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	3,498.4	...	3,430.5	...	...	...	...
Financial corporations	1,479.3	...	1,453.8	...	...	...	...
Non-financial corporations	165.8	...	165.6	...	...	...	...
General government	1,853.3	...	1,811.1	...	...	...	...
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	1,193.1	6.8	1,178.2	168.7	21.0	1,199.7	320.5
Banks	489.9	5.2	489.0	69.6	12.6	502.3	133.6
By currency							
Local currency	162.4	-5.1	153.4	9.5	-0.4	153.8	40.5
US dollar	238.7	9.7	248.4	51.5	13.5	261.9	75.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	88.8	0.6	87.2	8.6	-0.5	86.6	18.1
By original maturity							
Short-term	44.2	2.3	45.8	39.5	8.5	54.1	54.0
Long-term	445.7	2.9	443.2	30.1	4.1	448.2	79.6
By interest rate type							
Fixed	425.3	6.3	426.5	63.3	11.1	438.4	117.0
Other	64.6	-1.2	62.4	6.3	1.5	63.9	16.6
Other financial corporations	446.3	10.7	447.3	88.2	7.4	453.6	149.4
By currency							
Local currency	213.5	2.6	210.8	13.3	3.8	215.7	31.4
US dollar	128.2	13.0	141.2	59.6	7.0	148.2	84.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	104.5	-4.9	95.3	15.4	-3.3	89.7	33.7
By original maturity							
Short-term	88.0	8.5	95.1	73.3	7.5	102.1	102.1
Long-term	358.3	2.2	352.2	14.9	-0.1	351.5	47.3
By interest rate type							
Fixed	320.7	10.9	324.7	82.6	5.9	329.1	135.2
Other	125.6	-0.2	122.6	5.6	1.5	124.5	14.2
Non-financial corporations	178.8	5.8	180.0	7.2	-0.3	180.2	24.6
By currency							
Local currency	155.2	4.6	155.8	4.5	-2.4	154.3	20.9
US dollar	11.0	0.4	11.4	2.4	2.2	13.6	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	12.6	0.8	12.8	0.4	-0.1	12.4	3.5
By original maturity							
Short-term	7.2	-0.5	6.5	0.7	-2.9	3.6	3.6
Long-term	171.6	6.3	173.5	6.5	2.6	176.6	21.0
By interest rate type							
Fixed	161.0	6.3	163.1	7.2	0.1	163.7	19.9
Other	17.8	-0.5	16.9	0.0	-0.4	16.6	4.7

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	78.1	-14.9	62.0	3.6	1.4	63.5	12.9
By currency							
Local currency	56.9	-12.5	43.2	1.7	0.9	44.4	9.3
US dollar	15.6	-1.4	14.2	1.8	0.9	15.1	2.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	5.6	-1.0	4.5	0.0	-0.4	4.0	0.9
By original maturity							
Short-term	1.8	-0.2	1.5	0.4	-0.6	0.9	0.9
Long-term	76.4	-14.7	60.4	3.2	2.0	62.7	12.1
By interest rate type							
Fixed	65.7	-10.2	54.4	3.6	1.5	56.1	9.7
Other	12.4	-4.7	7.6	-	-0.1	7.5	3.2
National issuers							
International debt securities	1,789.6	3.2	1,761.0	202.8	24.5	1,786.1	444.0
Banks	407.0	-3.5	398.0	66.9	10.3	409.1	134.2
By currency							
US dollar	149.6	7.5	157.1	45.6	13.2	170.3	67.1
Euro	206.0	-8.6	192.4	12.4	-6.4	187.1	51.4
Other currencies	51.4	-2.4	48.5	8.9	3.5	51.7	15.6
By original maturity							
Short-term	66.4	-1.3	64.1	49.5	10.2	74.2	74.0
Long-term	340.6	-2.2	333.9	17.4	0.1	335.0	60.1
By interest rate type							
Fixed	310.2	-0.2	305.6	59.8	8.4	314.7	111.8
Other	96.8	-3.3	92.4	7.1	1.9	94.4	22.4
Other financial corporations	760.7	15.3	764.0	100.7	4.1	767.2	199.0
By currency							
US dollar	321.5	13.8	335.3	70.9	8.3	343.6	107.7
Euro	248.0	3.6	245.3	10.6	0.2	246.9	44.8
Other currencies	191.3	-2.1	183.3	19.2	-4.4	176.7	46.5
By original maturity							
Short-term	87.3	9.5	95.3	73.1	7.4	102.2	102.2
Long-term	673.5	5.8	668.6	27.6	-3.3	665.0	96.8
By interest rate type							
Fixed	606.9	15.6	613.7	95.9	4.3	617.0	180.7
Other	153.8	-0.3	150.3	4.8	-0.2	150.1	18.3
Non-financial corporations	543.6	6.2	537.0	31.6	8.7	546.2	97.9
By currency							
US dollar	86.6	-2.4	84.3	12.9	11.1	95.3	25.0
Euro	389.9	7.0	387.0	17.0	-0.8	388.2	64.1
Other currencies	67.2	1.6	65.8	1.7	-1.6	62.7	8.9
By original maturity							
Short-term	17.3	-1.2	15.7	5.9	-2.5	13.3	13.3
Long-term	526.3	7.4	521.3	25.7	11.2	532.9	84.6
By interest rate type							
Fixed	414.3	8.7	413.4	27.6	8.2	422.1	68.8
Other	129.4	-2.6	123.6	4.0	0.5	124.1	29.1

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	384.7	...	392.9	...	...	...	...
Financial corporations	207.1	...	208.0	...	...	...	...
Non-financial corporations	52.9	...	53.2	...	...	...	...
General government	124.7	...	131.7	...	...	...	...
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	213.5	-2.4	210.6	29.3	11.8	222.4	66.6
Banks	91.8	-3.4	88.3	21.4	10.0	98.4	45.7
By currency							
Local currency	3.0	-0.1	2.9	1.3	0.5	3.4	2.6
US dollar	64.7	2.7	67.4	17.5	8.6	76.0	34.7
Euro	1.1	-0.2	0.8	0.1	0.0	0.8	0.2
Other foreign currencies	23.0	-5.7	17.2	2.5	1.0	18.2	8.2
By original maturity							
Short-term	32.0	-4.6	27.2	15.4	4.7	31.9	31.9
Long-term	59.8	1.2	61.1	6.0	5.3	66.5	13.8
By interest rate type							
Fixed	85.1	-3.2	81.7	20.3	9.2	90.9	44.5
Other	6.7	-0.1	6.7	1.1	0.8	7.5	1.1
Other financial corporations	85.6	1.2	86.6	5.9	1.2	87.8	18.8
By currency							
Local currency	10.1	0.1	10.2	0.4	-0.2	10.0	3.3
US dollar	62.5	1.2	63.8	4.8	0.9	64.7	12.4
Euro	5.4	-0.3	5.0	0.5	0.3	5.3	0.7
Other foreign currencies	7.6	0.2	7.7	0.3	0.1	7.8	2.5
By original maturity							
Short-term	9.1	-0.3	8.7	0.3	-2.6	6.2	6.2
Long-term	76.5	1.5	77.8	5.6	3.8	81.6	12.6
By interest rate type							
Fixed	80.9	1.5	82.2	5.9	1.3	83.5	17.5
Other	4.7	-0.3	4.4	-	-0.1	4.2	1.3
Non-financial corporations	35.1	-0.3	34.7	2.0	0.6	35.3	2.1
By currency							
Local currency	1.9	0.0	1.9	0.1	0.0	1.9	0.2
US dollar	28.0	-0.1	27.9	1.2	0.8	28.7	1.1
Euro	1.8	...	1.8	...	...	1.8	-
Other foreign currencies	3.4	-0.2	3.1	0.7	-0.2	2.9	0.8
By original maturity							
Short-term	0.5	0.0	0.6	0.2	0.1	0.7	0.7
Long-term	34.6	-0.3	34.1	1.8	0.5	34.6	1.5
By interest rate type							
Fixed	33.6	0.1	33.6	2.0	0.5	34.1	1.7
Other	1.5	-0.4	1.1	0.1	0.1	1.1	0.4

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	1.0	...	1.0	...	...	1.0	-
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.0	...	1.0	...	...	1.0	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	...	1.0	...	...	1.0	-
By interest rate type							
Fixed	1.0	...	1.0	...	...	1.0	-
Other	-	...	-	...	...	-	-
National issuers							
International debt securities	130.9	6.0	136.4	4.2	1.5	137.9	25.7
Banks	12.6	0.4	12.9	0.6	-0.3	12.7	3.8
By currency							
US dollar	10.4	0.1	10.5	0.3	-0.4	10.2	3.2
Euro	...	0.1	0.1	0.1	0.0	0.1	0.1
Other currencies	2.2	0.1	2.3	0.2	0.0	2.4	0.5
By original maturity							
Short-term	2.8	0.2	3.0	0.5	-0.3	2.7	2.7
Long-term	9.8	0.1	9.9	0.1	0.0	9.9	1.1
By interest rate type							
Fixed	12.5	0.3	12.9	0.6	-0.3	12.6	3.7
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.1
Other financial corporations	13.6	1.5	15.1	0.5	0.2	15.3	2.6
By currency							
US dollar	9.1	0.9	9.9	0.4	0.3	10.2	0.3
Euro	...	...	...	...	...	...	...
Other currencies	4.5	0.6	5.1	0.1	-0.1	5.1	2.3
By original maturity							
Short-term	0.5	0.1	0.6	0.0	-0.1	0.5	0.5
Long-term	13.1	1.3	14.5	0.4	0.3	14.8	2.1
By interest rate type							
Fixed	11.6	1.1	12.7	0.5	0.3	13.0	1.4
Other	2.0	0.4	2.4	-	-0.1	2.3	1.1
Non-financial corporations	104.7	4.2	108.4	3.2	1.6	110.0	19.3
By currency							
US dollar	73.5	1.3	74.9	1.7	1.5	76.4	12.6
Euro	12.3	2.3	14.2	...	-1.1	13.2	3.3
Other currencies	18.9	0.6	19.4	1.5	1.2	20.5	3.3
By original maturity							
Short-term	0.6	0.0	0.6	0.2	0.1	0.7	0.7
Long-term	104.1	4.2	107.8	2.9	1.5	109.3	18.6
By interest rate type							
Fixed	94.1	4.5	98.2	3.1	1.7	99.8	17.4
Other	10.5	-0.3	10.2	0.1	-0.1	10.2	1.8

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	658.7	82.1	727.4	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	658.7	82.1	727.4	...	...	...	...
Short-term	55.2	9.6	63.7	...	...	...	...
Long-term	603.5	72.5	663.7	...	...	...	...
International debt securities	31.0	-0.7	30.3	3.8	3.7	34.0	1.4
Banks	7.4	-0.7	6.8	1.4	1.4	8.2	0.6
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	6.6	-0.5	6.1	1.4	1.4	7.5	0.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.8	-0.2	0.7	-	-	0.7	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.4	-0.7	6.8	1.4	1.4	8.2	0.6
By interest rate type							
Fixed	7.2	-0.7	6.5	1.3	1.3	7.8	0.6
Other	0.3	-	0.3	0.1	0.1	0.4	-
Other financial corporations	2.8	...	2.8	1.4	1.4	4.1	0.2
By currency							
Local currency	...	...	...	0.9	0.9	0.9	-
US dollar	2.3	...	2.3	0.5	0.5	2.8	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	...	0.5	-	-	0.5	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.8	...	2.8	1.4	1.4	4.1	0.2
By interest rate type							
Fixed	2.7	...	2.7	1.4	1.4	4.0	0.2
Other	0.1	...	0.1	-	-	0.1	-
Non-financial corporations	20.8	0.0	20.8	1.1	0.9	21.7	0.6
By currency							
Local currency	0.1	...	0.1	0.4	0.4	0.5	0.0
US dollar	19.0	0.0	19.0	0.7	0.5	19.5	0.6
Euro	0.6	...	0.6	...	...	0.6	-
Other foreign currencies	1.1	-	1.1	-	-	1.0	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	20.8	0.0	20.8	1.1	0.9	21.7	0.6
By interest rate type							
Fixed	18.7	-0.1	18.6	1.1	0.9	19.6	0.2
Other	2.0	0.1	2.1	-	-0.1	2.1	0.4

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 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	87.6	-1.4	86.0	5.1	2.3	88.3	10.9
Banks	38.5	-0.6	38.0	2.1	0.9	38.8	9.9
By currency							
US dollar	35.5	-0.2	35.4	1.8	0.7	36.0	9.5
Euro	...	...	...	...	...	...	...
Other currencies	3.0	-0.4	2.6	0.2	0.2	2.8	0.5
By original maturity							
Short-term	0.5	-0.2	0.3	0.0	-0.1	0.1	0.1
Long-term	38.0	-0.4	37.7	2.0	1.0	38.7	9.8
By interest rate type							
Fixed	37.4	-0.6	36.8	1.7	0.4	37.3	9.7
Other	1.2	0.0	1.2	0.4	0.4	1.6	0.2
Other financial corporations	2.6	0.0	2.6	0.9	0.9	3.5	0.3
By currency							
US dollar	2.1	...	2.1	...	...	2.1	-
Euro	...	...	...	...	...	...	...
Other currencies	0.5	0.0	0.5	0.9	0.9	1.4	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.6	0.0	2.6	0.9	0.9	3.5	0.3
By interest rate type							
Fixed	2.5	0.0	2.5	0.9	0.9	3.4	0.3
Other	0.1	-	0.1	-	-	0.1	-
Non-financial corporations	46.6	-0.9	45.5	2.2	0.6	46.0	0.6
By currency							
US dollar	38.6	-0.9	37.7	1.8	0.4	38.1	0.6
Euro	3.7	...	3.6	...	...	3.6	-
Other currencies	4.3	-	4.2	0.4	0.2	4.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	46.6	-0.9	45.5	2.2	0.6	46.0	0.6
By interest rate type							
Fixed	42.9	-1.0	41.7	2.2	1.8	43.5	0.2
Other	3.7	0.1	3.8	-	-1.3	2.5	0.4

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	148.0	7.4	156.6	...	...	...	...
Financial corporations	19.5	1.4	21.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	8.6	0.3	9.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	120.0	5.7	126.7	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	80.3	9.2	89.4	0.1	-1.3	88.2	2.2
Banks	1.6	...	1.6	...	...	1.6	-
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.6	...	1.6	...	...	1.6	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.6	...	1.6	...	...	1.6	-
By interest rate type							
Fixed	1.0	...	1.0	...	...	1.0	-
Other	0.6	...	0.6	...	...	0.6	-
Other financial corporations	18.1	...	18.1	...	...	18.1	0.7
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	17.8	...	17.8	...	...	17.8	0.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	...	0.2	...	...	0.2	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	18.1	...	18.1	...	...	18.1	0.7
By interest rate type							
Fixed	17.9	...	17.9	...	...	17.9	0.7
Other	0.1	...	0.1	...	...	0.1	-
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	-
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	-	...	-	...	...	-	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	47.4	9.2	56.5	0.1	-1.3	55.3	1.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	40.0	...	40.0	...	...	40.0	1.0
Euro	5.1	8.2	13.1	0.1	-1.3	11.8	-
Other foreign currencies	2.3	0.9	3.5	-	-	3.5	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	47.4	9.2	56.5	0.1	-1.3	55.3	1.0
By interest rate type							
Fixed	47.4	9.2	56.5	0.1	-1.3	55.3	1.0
Other	-	-	-	-	-	-	-
National issuers							
International debt securities	90.5	9.4	99.9	1.1	-0.6	99.4	3.9
Banks	1.2	...	1.2	...	...	1.2	0.5
By currency							
US dollar	1.2	...	1.2	...	...	1.2	0.5
Euro	...	...	...	...	...	...	...
Other currencies	-	...	-	...	...	-	-
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	-
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	-
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	-
Non-financial corporations	25.0	0.3	25.3	1.0	0.7	26.0	1.9
By currency							
US dollar	24.2	0.4	24.6	0.9	0.6	25.2	1.7
Euro	...	...	...	...	...	...	...
Other currencies	0.8	-0.1	0.7	0.1	0.1	0.8	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	25.0	0.3	25.3	1.0	0.7	26.0	1.9
By interest rate type							
Fixed	24.9	0.3	25.1	1.0	0.7	25.8	1.9
Other	0.1	-	0.1	-	-	0.1	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	3,154.6	...	3,107.0	...	...	...	...
Financial corporations	874.6	...	850.1	...	...	...	...
Non-financial corporations	136.4	...	137.4	...	...	...	...
General government	2,143.6	...	2,119.6	...	...	...	...
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	777.9	12.1	771.0	21.1	-9.8	764.7	68.3
Banks	263.2	-0.9	256.0	9.8	-8.4	248.9	46.7
By currency							
Local currency	246.0	-0.3	239.5	8.7	-9.2	231.5	45.2
US dollar	14.5	-0.6	13.8	0.3	0.3	14.1	1.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.7	0.1	2.7	0.8	0.5	3.3	0.0
By original maturity							
Short-term	0.4	-0.1	0.3	0.0	-0.1	0.3	0.3
Long-term	262.8	-0.8	255.7	9.8	-8.3	248.6	46.5
By interest rate type							
Fixed	199.7	-0.3	194.7	3.7	-8.8	186.9	28.8
Other	63.5	-0.5	61.3	6.1	0.4	62.0	17.9
Other financial corporations	294.5	7.0	293.9	6.5	0.9	296.4	4.1
By currency							
Local currency	292.6	6.8	292.0	6.5	0.9	294.5	4.1
US dollar	0.5	0.2	0.6	...	...	0.6	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.4	-	1.3	-	-	1.3	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	294.5	7.0	293.9	6.5	0.9	296.4	4.1
By interest rate type							
Fixed	64.1	3.7	66.1	2.4	0.1	66.5	2.7
Other	230.4	3.2	227.8	4.0	0.9	229.9	1.4
Non-financial corporations	122.6	3.8	123.2	4.9	4.1	127.6	12.0
By currency							
Local currency	111.1	3.8	112.1	4.9	4.1	116.8	11.9
US dollar	4.2	...	4.2	...	...	4.2	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	7.3	-	6.9	-	0.0	6.6	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	122.6	3.8	123.2	4.9	4.1	127.6	12.0
By interest rate type							
Fixed	113.7	3.5	114.3	4.1	3.3	117.9	10.2
Other	8.8	0.3	8.9	0.8	0.8	9.7	1.8

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	97.7	2.2	97.9	...	-6.5	91.8	5.4
By currency							
Local currency	77.9	2.2	78.1	...	-3.5	75.0	0.5
US dollar	13.9	...	13.9	...	-3.0	10.9	3.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	5.9	-	5.9	...	-	5.8	2.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	97.7	2.2	97.9	...	-6.5	91.8	5.4
By interest rate type							
Fixed	65.7	1.7	66.2	...	-6.4	60.1	4.4
Other	31.9	0.5	31.6	...	-0.1	31.7	1.0
National issuers							
International debt securities	903.3	4.1	886.4	27.3	-10.1	879.9	100.5
Banks	410.3	-2.9	397.6	13.5	-9.0	390.5	65.3
By currency							
US dollar	19.9	-1.2	18.7	0.3	0.1	18.8	2.9
Euro	385.8	-1.8	374.3	12.4	-9.7	366.5	62.1
Other currencies	4.6	0.1	4.6	0.8	0.5	5.1	0.3
By original maturity							
Short-term	8.0	0.0	7.8	2.0	0.5	8.3	8.3
Long-term	402.3	-2.9	389.8	11.5	-9.5	382.2	57.0
By interest rate type							
Fixed	231.5	-1.5	224.8	6.2	-7.8	218.0	39.3
Other	178.8	-1.4	172.8	7.3	-1.3	172.4	26.0
Other financial corporations	180.9	1.2	177.5	4.9	-0.2	178.2	4.3
By currency							
US dollar	1.8	0.3	2.1	0.1	0.1	2.1	0.1
Euro	176.0	1.4	173.0	4.3	-0.8	173.2	4.2
Other currencies	3.1	-0.5	2.4	0.5	0.5	2.9	0.0
By original maturity							
Short-term	0.2	0.1	0.3	...	...	0.3	0.3
Long-term	180.6	1.1	177.2	4.9	-0.2	177.9	4.1
By interest rate type							
Fixed	56.7	1.0	56.3	1.0	-1.4	55.2	2.7
Other	124.1	0.1	121.2	3.9	1.2	123.0	1.6
Non-financial corporations	216.1	3.6	215.0	8.9	5.6	221.1	25.4
By currency							
US dollar	41.9	-0.4	41.6	0.6	-0.2	41.4	6.4
Euro	159.4	4.0	159.3	8.3	5.8	165.9	18.6
Other currencies	14.8	0.0	14.2	-	0.0	13.7	0.4
By original maturity							
Short-term	0.2	0.4	0.5	2.5	2.0	2.5	2.5
Long-term	216.0	3.2	214.5	6.4	3.6	218.6	22.9
By interest rate type							
Fixed	199.0	3.3	198.0	8.1	4.8	203.2	19.8
Other	17.1	0.3	17.1	0.8	0.8	17.9	5.6

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	12,425.7	...	13,849.0	...	...	...	...
Financial corporations	2,539.1	...	2,688.5	...	...	...	...
Non-financial corporations	645.0	...	728.0	...	...	...	...
General government	9,241.6	...	10,432.5	...	...	...	...
Domestic debt securities	12,158.2	260.4	13,581.5	...	...	...	...
Financial corporations	2,413.3	-77.7	2,559.8	...	...	...	...
Short-term	63.3	4.1	73.7	...	...	...	...
Long-term	2,350.0	-81.9	2,486.1	...	...	...	...
Non-financial corporations	509.2	37.0	596.2	...	...	...	...
Short-term	36.8	2.4	42.8	...	...	...	...
Long-term	472.4	34.6	553.3	...	...	...	...
General government	9,235.7	301.1	10,425.5	...	...	...	...
Short-term	1,064.9	-17.9	1,146.9	...	...	...	...
Long-term	8,170.8	319.0	9,278.7	...	...	...	...
International debt securities	267.8	16.4	289.6	27.5	12.2	302.9	44.5
Banks	156.2	12.1	169.5	22.3	10.8	180.6	29.4
By currency							
Local currency	17.0	0.4	19.0	0.8	-0.2	19.1	2.4
US dollar	123.4	10.2	133.6	20.7	11.2	144.8	23.1
Euro	9.0	1.8	10.5	0.2	-0.2	10.3	1.8
Other foreign currencies	6.7	-0.3	6.3	0.6	0.1	6.4	2.0
By original maturity							
Short-term	2.3	3.1	5.5	3.2	-0.5	5.0	5.0
Long-term	153.8	9.0	164.0	19.0	11.2	175.6	24.3
By interest rate type							
Fixed	134.7	11.6	147.2	19.4	10.2	157.7	23.6
Other	21.5	0.5	22.3	2.8	0.6	22.9	5.8
Other financial corporations	47.2	-2.0	46.5	4.4	2.0	48.7	6.1
By currency							
Local currency	15.0	-1.7	14.6	0.2	-0.2	14.6	2.8
US dollar	31.7	-0.3	31.4	4.1	2.1	33.5	3.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	-	0.5	0.1	0.1	0.6	0.3
By original maturity							
Short-term	0.4	0.3	0.8	0.1	0.1	0.8	0.8
Long-term	46.8	-2.3	45.8	4.3	1.9	47.9	5.3
By interest rate type							
Fixed	34.0	-1.0	34.0	1.9	-0.4	33.8	5.5
Other	13.2	-1.0	12.5	2.6	2.4	15.0	0.7
Non-financial corporations	58.0	5.3	66.1	0.8	-0.6	66.0	7.5
By currency							
Local currency	31.3	1.2	35.6	0.2	-0.7	35.4	3.1
US dollar	19.5	4.0	23.5	0.6	0.1	23.6	3.9
Euro	4.9	...	4.8	...	...	4.8	-
Other foreign currencies	2.3	0.1	2.3	-	-	2.2	0.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	58.0	5.3	66.1	0.8	-0.6	66.0	7.5
By interest rate type							
Fixed	25.9	4.0	29.9	0.6	0.1	30.0	5.0
Other	32.1	1.3	36.2	0.2	-0.7	36.0	2.5

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	6.5	1.0	7.5	...	...	7.5	1.5
By currency							
Local currency	0.4	...	0.5	...	...	0.5	-
US dollar	4.5	1.0	5.5	...	...	5.5	1.5
Euro	1.4	...	1.4	...	...	1.4	-
Other foreign currencies	0.1	-	0.1	...	...	0.1	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.5	1.0	7.5	...	...	7.5	1.5
By interest rate type							
Fixed	6.5	1.0	7.5	...	...	7.5	1.5
Other	-	-	-	...	...	-	-
National issuers							
International debt securities	460.7	7.9	475.0	65.4	1.1	477.5	104.6
Banks	254.0	1.9	258.2	42.9	-2.7	256.0	58.4
By currency							
US dollar	163.1	2.2	165.4	24.0	-2.1	163.3	31.4
Euro	27.0	0.4	26.6	7.6	-1.2	25.6	10.2
Other currencies	63.9	-0.7	66.2	11.3	0.7	67.1	16.7
By original maturity							
Short-term	41.1	-2.0	38.2	26.8	-6.8	31.1	31.1
Long-term	212.9	4.0	220.0	16.2	4.2	224.9	27.3
By interest rate type							
Fixed	221.2	1.9	224.5	40.7	-2.5	222.2	51.8
Other	32.8	0.1	33.7	2.2	-0.1	33.8	6.6
Other financial corporations	77.7	3.1	82.4	13.2	2.8	85.5	15.4
By currency							
US dollar	44.9	4.0	48.9	10.1	3.6	52.5	6.6
Euro	8.5	0.2	8.4	2.3	0.0	8.4	3.1
Other currencies	24.3	-1.1	25.0	0.9	-0.7	24.6	5.7
By original maturity							
Short-term	8.2	0.9	9.0	5.7	-1.5	7.5	7.5
Long-term	69.5	2.1	73.4	7.6	4.4	78.1	7.9
By interest rate type							
Fixed	56.3	2.8	60.2	9.6	0.0	60.3	12.1
Other	21.4	0.2	22.2	3.7	2.9	25.2	3.3
Non-financial corporations	122.4	1.9	126.9	9.2	0.9	128.5	29.3
By currency							
US dollar	50.0	1.5	51.4	3.5	1.6	53.0	14.1
Euro	17.0	-1.0	15.5	2.1	1.2	16.8	5.0
Other currencies	55.5	1.5	60.0	3.6	-1.8	58.8	10.1
By original maturity							
Short-term	6.9	0.6	7.3	5.3	1.7	8.9	8.9
Long-term	115.5	1.3	119.6	3.9	-0.8	119.6	20.3
By interest rate type							
Fixed	76.5	0.9	76.8	8.8	1.9	78.8	23.8
Other	46.0	1.0	50.1	0.4	-1.0	49.7	5.4

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	1,496.0	...	...	...	...	...	...
Financial corporations	456.2	...	...	...	...	...	...
Short-term	89.1	...	...	...	...	...	...
Long-term	367.1	...	...	...	...	...	...
Non-financial corporations	503.7	...	...	...	...	...	...
Short-term	10.9	...	...	...	...	...	...
Long-term	492.8	...	...	...	...	...	...
General government	536.2	...	...	...	...	...	...
Short-term	6.7	...	...	...	...	...	...
Long-term	529.5	...	...	...	...	...	...
International debt securities	174.6	-3.0	171.4	11.2	1.0	172.6	44.3
Banks	97.9	-3.8	94.1	6.6	-0.6	93.6	26.7
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	68.0	-0.8	67.2	5.2	0.2	67.4	21.2
Euro	7.1	-0.5	6.4	0.2	-0.7	5.8	1.6
Other foreign currencies	22.8	-2.5	20.5	1.2	-0.1	20.4	3.9
By original maturity							
Short-term	10.0	-4.3	5.7	1.8	-1.3	4.4	4.4
Long-term	87.9	0.5	88.4	4.8	0.7	89.2	22.3
By interest rate type							
Fixed	86.7	-4.5	82.2	5.9	-0.1	82.1	20.3
Other	11.2	0.7	11.9	0.7	-0.5	11.4	6.4
Other financial corporations	17.4	-0.1	17.3	3.1	2.2	19.6	5.3
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	14.2	0.0	14.2	3.1	2.4	16.6	4.7
Euro	1.7	-0.1	1.6	...	...	1.6	-
Other foreign currencies	1.5	0.0	1.5	-	-0.2	1.4	0.6
By original maturity							
Short-term	0.5	-0.1	0.4	0.0	0.0	0.4	0.4
Long-term	16.9	0.1	16.9	3.1	2.3	19.2	4.9
By interest rate type							
Fixed	12.3	0.1	12.4	2.3	1.6	14.0	2.5
Other	5.1	-0.1	5.0	0.8	0.6	5.6	2.8
Non-financial corporations	52.6	0.9	53.5	1.4	-0.6	53.0	11.8
By currency							
Local currency	...	0.2	0.2	...	...	0.2	-
US dollar	43.1	1.4	44.4	1.4	-0.1	44.3	9.7
Euro	1.7	-0.1	1.5	...	-0.4	1.1	-
Other foreign currencies	7.9	-0.6	7.3	-	-0.1	7.3	2.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	52.6	0.9	53.5	1.4	-0.6	53.0	11.8
By interest rate type							
Fixed	48.6	0.6	49.2	1.4	0.4	49.6	10.9
Other	4.1	0.3	4.4	-	-1.0	3.4	0.9

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	6.6	...	6.6	...	...	6.6	0.5
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.4	...	4.4	...	...	4.4	0.5
Euro	1.3	...	1.2	...	...	1.3	-
Other foreign currencies	0.9	...	0.9	...	...	0.9	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.6	...	6.6	...	...	6.6	0.5
By interest rate type							
Fixed	6.6	...	6.6	...	...	6.6	0.5
Other	-	...	-	...	...	-	-
National issuers							
International debt securities	179.3	-0.9	178.2	11.7	1.0	179.5	49.0
Banks	98.2	-2.5	95.6	6.6	-0.7	95.1	28.7
By currency							
US dollar	68.1	-0.3	67.9	4.8	0.0	67.8	22.1
Euro	7.2	-0.2	6.7	0.3	-0.7	6.1	1.8
Other currencies	22.9	-1.9	21.1	1.6	0.1	21.2	4.8
By original maturity							
Short-term	10.4	-3.2	7.2	2.3	-0.9	6.3	6.3
Long-term	87.8	0.7	88.5	4.3	0.2	88.8	22.4
By interest rate type							
Fixed	86.6	-3.1	83.4	5.9	-0.2	83.3	22.4
Other	11.6	0.6	12.2	0.7	-0.5	11.8	6.4
Other financial corporations	10.6	-0.2	10.4	2.6	2.6	13.0	3.8
By currency							
US dollar	9.6	0.0	9.6	2.6	2.6	12.2	3.7
Euro	0.6	-0.1	0.4	...	...	0.4	-
Other currencies	0.4	-0.1	0.4	-	0.0	0.3	0.1
By original maturity							
Short-term	0.5	-0.1	0.4	0.0	0.0	0.4	0.4
Long-term	10.0	0.0	10.0	2.6	2.6	12.6	3.4
By interest rate type							
Fixed	7.2	0.0	7.1	1.8	1.8	8.9	1.7
Other	3.4	-0.1	3.3	0.8	0.8	4.1	2.1
Non-financial corporations	63.9	1.7	65.6	2.4	-0.9	64.8	16.0
By currency							
US dollar	51.7	2.1	53.8	2.4	-0.1	53.7	12.9
Euro	2.4	-0.1	2.2	...	-0.4	1.8	-
Other currencies	9.8	-0.3	9.6	-	-0.4	9.3	3.1
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	0.1
Long-term	63.8	1.7	65.6	2.4	-0.9	64.8	15.9
By interest rate type							
Fixed	56.1	1.0	57.1	2.4	0.5	57.7	13.5
Other	7.8	0.6	8.5	-	-1.4	7.1	2.5

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	344.1	...	341.8	...	...	...	...
Financial corporations	49.8	...	46.0	...	...	...	...
Non-financial corporations	134.8	...	133.6	...	...	...	...
General government	159.5	...	162.3	...	...	...	...
Domestic debt securities	306.5	4.2	303.1	...	...	...	...
Financial corporations	42.0	-3.3	37.7	...	...	...	...
Short-term	18.1	-2.4	15.2	...	...	...	...
Long-term	24.0	-0.9	22.5	...	...	...	...
Non-financial corporations	108.6	1.7	107.6	...	...	...	...
Short-term	1.4	-0.1	1.2	...	...	...	...
Long-term	107.2	1.9	106.4	...	...	...	...
General government	155.9	5.8	157.8	...	...	...	...
Short-term	1.6	-0.4	1.2	...	...	...	...
Long-term	154.4	6.1	156.6	...	...	...	...
International debt securities	43.9	2.2	46.1	1.1	-1.3	44.8	4.0
Banks	13.7	0.7	14.5	0.3	-0.6	13.8	3.3
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	8.4	0.7	9.1	0.1	-0.2	8.9	2.2
Euro	0.1	-0.1	0.0	...	0.0	...	...
Other foreign currencies	5.2	0.0	5.4	0.2	-0.4	4.9	1.0
By original maturity							
Short-term	0.5	0.0	0.5	0.1	-0.3	0.2	0.2
Long-term	13.2	0.7	14.0	0.3	-0.3	13.6	3.1
By interest rate type							
Fixed	12.2	0.2	12.5	0.3	-0.5	12.0	3.1
Other	1.5	0.5	1.9	0.1	-0.1	1.8	0.1
Other financial corporations	22.7	...	22.7	0.8	0.5	23.2	0.7
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	21.2	...	21.2	0.8	0.6	21.8	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.5	...	1.5	-	-0.1	1.4	0.4
By original maturity							
Short-term	0.3	...	0.3	0.1	0.0	0.3	0.3
Long-term	22.4	...	22.3	0.7	0.5	22.9	0.4
By interest rate type							
Fixed	20.1	...	20.1	0.4	0.1	20.1	0.7
Other	2.6	...	2.6	0.4	0.4	3.1	-
Non-financial corporations	2.8	...	2.8	...	...	2.8	-
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	2.8	...	2.8	...	...	2.8	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.8	...	2.8	...	...	2.8	-
By interest rate type							
Fixed	2.6	...	2.6	...	...	2.6	-
Other	0.1	...	0.1	...	...	0.1	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	4.7	1.5	6.2	...	-1.2	5.0	-
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.3	1.5	5.8	...	-1.2	4.6	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.4	-	0.4	...	-	0.4	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.7	1.5	6.2	...	-1.2	5.0	-
By interest rate type							
Fixed	4.3	1.5	5.8	...	-1.2	4.6	-
Other	0.4	-	0.4	...	-	0.4	-
National issuers							
International debt securities	61.5	2.4	64.3	1.3	-1.3	63.1	6.3
Banks	14.6	0.7	15.4	0.5	-0.5	14.9	3.0
By currency							
US dollar	9.2	0.7	9.9	0.1	-0.2	9.7	1.9
Euro	0.1	-0.1	0.0	...	0.0	...	...
Other currencies	5.3	0.0	5.4	0.4	-0.3	5.2	1.0
By original maturity							
Short-term	0.6	0.0	0.6	0.1	-0.4	0.2	0.2
Long-term	14.0	0.7	14.8	0.5	-0.1	14.7	2.8
By interest rate type							
Fixed	13.1	0.2	13.4	0.5	-0.4	13.1	2.8
Other	1.5	0.5	1.9	0.1	-0.1	1.8	0.1
Other financial corporations	13.2	...	13.2	0.7	0.5	13.8	0.7
By currency							
US dollar	11.7	...	11.7	0.7	0.7	12.4	0.3
Euro	...	...	...	...	...	...	...
Other currencies	1.5	...	1.5	-	-0.1	1.4	0.4
By original maturity							
Short-term	0.3	...	0.3	0.1	0.0	0.3	0.3
Long-term	12.9	...	12.9	0.5	0.5	13.4	0.4
By interest rate type							
Fixed	10.6	...	10.6	0.3	0.1	10.7	0.7
Other	2.6	...	2.6	0.4	0.4	3.0	-
Non-financial corporations	29.0	0.2	29.5	0.1	-0.1	29.4	2.6
By currency							
US dollar	17.1	0.1	17.1	0.0	-0.1	17.0	1.7
Euro	0.0	...	0.0	...	...	0.0	0.0
Other currencies	11.9	0.1	12.4	0.1	0.0	12.4	1.0
By original maturity							
Short-term	0.0	...	0.0	...	...	0.0	-
Long-term	29.0	0.2	29.5	0.1	-0.1	29.4	2.6
By interest rate type							
Fixed	25.2	0.2	25.6	0.1	0.1	25.6	2.0
Other	3.7	0.0	3.9	-	-0.2	3.8	0.6

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	536.3	-9.4	484.5	...	...	...	...
Financial corporations	148.7	3.6	140.3	...	...	...	...
Short-term	31.9	2.0	31.3	...	...	...	...
Long-term	116.8	1.6	109.0	...	...	...	...
Non-financial corporations	41.9	0.0	38.6	...	...	...	...
Short-term	0.3	0.1	0.4	...	...	...	...
Long-term	41.6	-0.1	38.1	...	...	...	...
General government	345.6	-13.0	305.6	...	...	...	...
Short-term	41.5	1.2	39.3	...	...	...	...
Long-term	304.1	-14.1	266.3	...	...	...	...
International debt securities	223.5	3.6	225.2	10.5	2.0	227.3	6.8
Banks	11.3	0.0	11.3	...	...	11.3	-
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	11.3	0.0	11.3	...	...	11.3	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	-	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.3	0.0	11.3	...	...	11.3	-
By interest rate type							
Fixed	8.3	0.0	8.3	...	...	8.3	-
Other	3.0	-	3.0	...	...	3.0	-
Other financial corporations	10.5	1.2	11.6	3.0	3.0	14.6	0.8
By currency							
Local currency	0.8	0.3	1.0	...	...	1.0	0.2
US dollar	9.2	0.5	9.7	3.0	3.0	12.7	0.7
Euro	0.5	0.5	0.9	...	...	0.9	-
Other foreign currencies	0.0	-	0.0	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.5	1.2	11.6	3.0	3.0	14.6	0.8
By interest rate type							
Fixed	10.0	1.2	11.2	3.0	3.0	14.2	0.7
Other	0.4	-	0.4	-	-	0.4	0.2
Non-financial corporations	133.5	1.2	132.8	4.7	1.1	134.1	4.8
By currency							
Local currency	11.9	...	11.0	...	...	10.7	0.0
US dollar	89.6	0.8	90.3	4.3	0.8	91.1	2.3
Euro	25.4	...	24.8	...	0.0	24.9	2.2
Other foreign currencies	6.7	0.4	6.8	0.4	0.4	7.4	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	133.5	1.2	132.8	4.7	1.1	134.1	4.8
By interest rate type							
Fixed	124.7	1.2	124.1	4.7	1.9	126.1	4.3
Other	8.8	-	8.7	-	-0.8	8.0	0.5

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	68.2	1.3	69.5	2.8	-2.2	67.3	1.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	49.0	...	49.0	2.8	-1.7	47.3	-
Euro	12.9	...	12.6	...	...	12.6	0.9
Other foreign currencies	6.3	1.3	7.9	-	-0.5	7.4	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	68.2	1.3	69.5	2.8	-2.2	67.3	1.2
By interest rate type							
Fixed	68.2	1.3	69.5	2.8	-2.2	67.3	1.2
Other	-	-	-	-	-	-	-
National issuers							
International debt securities	224.7	4.2	227.0	12.5	2.1	229.3	7.6
Banks	3.0	0.3	3.3	1.0	0.2	3.4	1.3
By currency							
US dollar	2.8	0.0	2.9	1.0	0.2	3.0	1.2
Euro	0.0	-	0.0	...	0.0	...	...
Other currencies	0.2	0.3	0.4	-	-	0.4	0.2
By original maturity							
Short-term	1.0	0.0	1.0	1.0	0.2	1.2	1.1
Long-term	2.0	0.3	2.3	...	...	2.3	0.2
By interest rate type							
Fixed	2.8	0.3	3.1	1.0	0.2	3.3	1.2
Other	0.2	-	0.2	-	-	0.2	0.2
Other financial corporations	7.5	0.5	8.0	1.7	1.7	9.7	0.2
By currency							
US dollar	6.9	0.5	7.4	1.7	1.7	9.1	0.2
Euro	0.1	-	0.1	...	...	0.1	-
Other currencies	0.5	-	0.5	-	-	0.5	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.5	0.5	8.0	1.7	1.7	9.7	0.2
By interest rate type							
Fixed	7.2	0.5	7.7	1.7	1.7	9.4	0.2
Other	0.3	-	0.3	-	-	0.3	-
Non-financial corporations	146.0	2.1	146.3	6.9	2.5	148.9	5.0
By currency							
US dollar	100.2	1.3	101.5	6.5	2.9	104.4	2.5
Euro	29.0	0.5	28.7	...	-1.0	27.9	2.2
Other currencies	16.8	0.4	16.1	0.5	0.5	16.5	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	146.0	2.1	146.3	6.9	2.5	148.9	5.0
By interest rate type							
Fixed	136.8	2.1	137.3	6.9	3.2	140.6	5.0
Other	9.1	-	9.0	-	-0.8	8.3	-

the 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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	2,101.7	...	2,083.9	...	...	...	...
Financial corporations	1,618.1	...	1,614.3	...	...	...	...
Non-financial corporations	87.4	...	88.3	...	...	...	...
General government	396.2	...	381.3	...	...	...	...
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	1,901.4	17.4	1,884.6	142.7	36.2	1,925.8	280.5
Banks	660.7	-19.5	631.9	41.6	-6.5	627.1	126.4
By currency							
Local currency	364.8	-17.1	338.8	11.7	-2.6	338.0	54.6
US dollar	180.6	1.0	181.5	24.4	-4.0	177.5	47.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	115.4	-3.4	111.5	5.5	0.2	111.6	24.3
By original maturity							
Short-term	37.6	-2.1	35.0	18.5	2.9	37.8	37.7
Long-term	623.1	-17.5	596.8	23.1	-9.4	589.3	88.7
By interest rate type							
Fixed	485.1	-2.6	476.3	39.2	2.0	479.5	86.2
Other	175.6	-17.0	155.5	2.4	-8.5	147.6	40.2
Other financial corporations	1,075.7	21.2	1,075.1	82.5	39.0	1,116.9	136.0
By currency							
Local currency	761.0	9.5	751.4	32.6	13.3	768.7	75.1
US dollar	237.4	14.4	251.9	45.5	28.8	280.6	49.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	77.3	-2.7	71.8	4.4	-3.1	67.6	11.3
By original maturity							
Short-term	30.0	3.8	33.2	20.6	2.4	35.5	35.5
Long-term	1,045.6	17.5	1,041.9	61.9	36.6	1,081.4	100.5
By interest rate type							
Fixed	614.8	22.3	625.7	73.4	44.6	671.1	99.2
Other	460.9	-1.1	449.4	9.1	-5.6	445.8	36.8
Non-financial corporations	151.8	15.7	164.7	18.7	9.4	174.4	18.1
By currency							
Local currency	89.6	8.4	95.7	10.1	3.1	99.3	13.4
US dollar	51.6	7.8	59.5	8.4	7.5	67.0	3.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	10.5	-0.6	9.5	0.2	-1.2	8.1	0.8
By original maturity							
Short-term	9.1	-0.6	8.2	5.1	-0.4	7.9	7.9
Long-term	142.7	16.2	156.5	13.5	9.8	166.6	10.2
By interest rate type							
Fixed	135.6	13.7	146.8	18.2	9.1	156.2	13.8
Other	16.1	2.0	17.9	0.5	0.3	18.3	4.3

the 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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
General government	13.3	...	13.0	...	-5.7	7.3	-
By currency							
Local currency	13.3	...	13.0	...	-5.7	7.3	-
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	13.3	...	13.0	...	-5.7	7.3	-
By interest rate type							
Fixed	13.3	...	13.0	...	-5.7	7.3	-
Other	-	...	-	...	-	-	-
National issuers							
International debt securities	1,262.4	-0.1	1,240.0	75.3	-5.0	1,238.1	188.6
Banks	646.6	-18.7	616.5	39.2	-2.5	615.8	105.9
By currency							
US dollar	143.8	0.0	143.7	20.5	-5.7	138.0	40.9
Euro	410.6	-15.9	384.7	12.6	1.8	388.6	40.5
Other currencies	92.3	-2.7	88.1	6.0	1.4	89.2	24.5
By original maturity							
Short-term	43.0	-3.7	38.4	21.5	5.2	43.3	43.3
Long-term	603.6	-15.0	578.1	17.7	-7.7	572.5	62.6
By interest rate type							
Fixed	394.6	-3.2	385.6	35.2	1.1	387.5	75.3
Other	252.0	-15.5	230.9	4.0	-3.6	228.4	30.6
Other financial corporations	430.5	5.6	428.3	21.1	-5.3	424.2	67.3
By currency							
US dollar	120.9	3.6	124.5	17.7	3.6	128.1	32.3
Euro	277.7	2.2	273.0	2.1	-5.5	268.9	30.5
Other currencies	32.0	-0.2	30.8	1.3	-3.3	27.2	4.5
By original maturity							
Short-term	15.6	4.3	19.7	10.3	0.0	19.6	19.6
Long-term	414.9	1.3	408.6	10.8	-5.2	404.6	47.8
By interest rate type							
Fixed	224.4	5.2	226.1	20.0	4.9	231.3	46.9
Other	206.2	0.4	202.2	1.1	-10.2	192.8	20.4
Non-financial corporations	171.9	13.0	182.3	15.0	8.4	190.8	15.3
By currency							
US dollar	74.9	8.7	83.7	6.3	5.2	88.8	5.6
Euro	83.6	4.9	86.3	8.5	3.9	90.7	8.0
Other currencies	13.4	-0.6	12.3	0.2	-0.7	11.3	1.6
By original maturity							
Short-term	5.5	-2.9	2.5	2.1	0.1	2.6	2.6
Long-term	166.4	15.9	179.8	12.9	8.3	188.2	12.7
By interest rate type							
Fixed	157.5	12.9	167.9	14.4	8.1	176.2	12.7
Other	14.4	0.1	14.3	0.5	0.3	14.7	2.6

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	274.2	...	266.7	...	...	...	...
Financial corporations	33.3	...	29.2	...	...	...	...
Non-financial corporations	31.8	...	30.1	...	...	...	...
General government	209.1	...	207.3	...	...	...	...
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	63.6	3.2	65.9	0.5	-1.3	64.9	4.1
Banks	1.4	0.6	1.9	...	-0.3	1.7	0.1
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.1
US dollar	1.0	...	1.0	...	...	1.0	-
Euro	...	0.6	0.6	...	...	0.6	-
Other foreign currencies	0.3	-	0.3	...	-0.3	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.4	0.6	1.9	...	-0.3	1.7	0.1
By interest rate type							
Fixed	1.4	0.6	1.9	...	-0.3	1.7	0.1
Other	-	-	-	...	-	-	-
Other financial corporations	2.2	...	2.1	...	...	2.1	-
By currency							
Local currency	0.3	...	0.3	...	...	0.3	-
US dollar	...	...	...	...	...	...	...
Euro	1.8	...	1.8	...	...	1.8	-
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.2	...	2.1	...	...	2.1	-
By interest rate type							
Fixed	2.0	...	1.9	...	...	1.9	-
Other	0.2	...	0.2	...	...	0.2	-
Non-financial corporations	0.9	...	0.9	...	0.0	0.9	0.2
By currency							
Local currency	0.0	...	0.0	...	0.0	0.0	-
US dollar	0.7	...	0.7	...	...	0.7	-
Euro	0.2	...	0.2	...	...	0.2	0.2
Other foreign currencies	-	...	-	...	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.9	...	0.9	...	0.0	0.9	0.2
By interest rate type							
Fixed	0.9	...	0.9	...	0.0	0.9	0.2
Other	-	...	-	...	-	-	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	59.1	2.6	61.0	0.5	-1.0	60.2	3.8
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	14.2	1.8	16.0	...	-1.5	14.5	-
Euro	38.6	0.8	38.4	...	...	38.6	3.1
Other foreign currencies	6.3	-	6.6	0.5	0.5	7.1	0.8
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	59.1	2.6	61.0	0.5	-1.0	60.2	3.8
By interest rate type							
Fixed	59.1	2.6	61.0	0.5	-1.0	60.2	3.8
Other	-	-	-	-	-	-	-
National issuers							
International debt securities	69.0	3.7	71.8	0.5	-1.6	70.6	4.6
Banks	2.1	0.6	2.7	...	-0.5	2.2	-
By currency							
US dollar	1.0	...	1.0	...	...	1.0	-
Euro	0.6	0.6	1.2	...	...	1.2	-
Other currencies	0.5	-	0.5	...	-0.5	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.1	0.6	2.7	...	-0.5	2.2	-
By interest rate type							
Fixed	2.1	0.6	2.7	...	-0.5	2.2	-
Other	-	-	-	...	-	-	-
Other financial corporations	1.7	-0.3	1.3	...	...	1.3	-
By currency							
US dollar	...	...	...	...	...	...	...
Euro	1.3	-0.3	1.0	...	...	1.0	-
Other currencies	0.3	-	0.3	...	...	0.3	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.7	-0.3	1.3	...	...	1.3	-
By interest rate type							
Fixed	1.5	-0.3	1.2	...	...	1.2	-
Other	0.1	-	0.1	...	...	0.1	-
Non-financial corporations	6.1	0.8	6.8	...	...	6.9	0.8
By currency							
US dollar	1.2	...	1.2	...	...	1.2	-
Euro	5.0	0.8	5.7	...	...	5.7	0.8
Other currencies	-	-	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.1	0.8	6.8	...	...	6.9	0.8
By interest rate type							
Fixed	6.0	0.8	6.7	...	...	6.8	0.8
Other	0.1	-	0.1	...	...	0.1	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	376.4	...	394.6	...	...	...	...
Financial corporations	114.9	...	121.0	...	...	...	...
Non-financial corporations	138.0	...	145.0	...	...	...	...
General government	123.5	...	128.6	...	...	...	...
Domestic debt securities	201.3	6.8	218.8	...	...	...	...
Financial corporations	54.2	3.9	61.0	...	...	...	...
Short-term	...	-	-	...	...	...	...
Long-term	54.2	3.9	61.0	...	...	...	...
Non-financial corporations	59.5	4.0	66.7	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	59.5	4.0	66.7	...	...	...	...
General government	87.7	-1.1	91.1	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	87.7	-1.1	91.1	...	...	...	...
International debt securities	102.8	1.1	103.7	2.0	0.1	103.9	14.2
Banks	32.7	...	32.7	...	0.0	32.6	6.4
By currency							
Local currency	0.4	...	0.5	...	0.0	0.4	0.3
US dollar	27.8	...	27.8	...	...	27.8	5.1
Euro	2.8	...	2.8	...	...	2.8	-
Other foreign currencies	1.6	...	1.6	...	-	1.6	0.9
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	32.7	...	32.7	...	0.0	32.6	6.4
By interest rate type							
Fixed	31.5	...	31.4	...	0.0	31.4	6.3
Other	1.2	...	1.2	...	-	1.2	0.0
Other financial corporations	6.0	-0.4	5.7	0.7	-0.1	5.6	-
By currency							
Local currency	0.4	...	0.4	...	0.0	0.4	-
US dollar	5.4	-0.4	5.0	0.7	-0.1	4.9	-
Euro	0.3	...	0.2	...	...	0.2	-
Other foreign currencies	0.0	-	0.0	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.0	-0.4	5.7	0.7	-0.1	5.6	-
By interest rate type							
Fixed	5.6	-0.4	5.2	0.7	-0.1	5.2	-
Other	0.5	-	0.5	-	-	0.5	-
Non-financial corporations	33.9	-0.3	33.5	...	-0.4	33.1	4.2
By currency							
Local currency	0.8	...	0.9	...	...	0.9	0.3
US dollar	27.1	-0.3	26.8	...	-0.4	26.5	2.4
Euro	3.3	...	3.2	...	...	3.2	1.6
Other foreign currencies	2.7	-	2.6	...	-	2.6	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	33.9	-0.3	33.5	...	-0.4	33.1	4.2
By interest rate type							
Fixed	33.4	-0.3	33.1	...	-0.4	32.7	3.7
Other	0.5	-	0.5	...	-	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	30.1	1.8	31.9	1.3	0.6	32.5	3.7
By currency							
Local currency	1.3	...	1.4	...	...	1.4	-
US dollar	27.5	1.8	29.2	1.3	0.6	29.9	3.2
Euro	1.3	...	1.3	...	...	1.3	0.5
Other foreign currencies	-	-	0.0	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	30.1	1.8	31.9	1.3	0.6	32.5	3.7
By interest rate type							
Fixed	30.1	1.8	31.9	1.3	0.6	32.5	3.7
Other	-	-	-	-	-	-	-
National issuers							
International debt securities	220.6	0.0	220.2	2.8	-2.6	217.8	33.2
Banks	86.9	-1.5	85.3	0.1	-0.9	84.5	16.1
By currency							
US dollar	76.2	-1.5	74.7	0.1	-0.9	73.8	13.7
Euro	5.5	-	5.4	...	0.0	5.4	0.4
Other currencies	5.2	0.0	5.2	-	-	5.3	2.0
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	-
Long-term	86.8	-1.5	85.2	0.1	-0.9	84.4	16.1
By interest rate type							
Fixed	84.6	-1.5	83.0	0.1	-0.9	82.1	15.7
Other	2.3	-	2.3	-	0.0	2.3	0.4
Other financial corporations	5.0	-0.3	4.7	0.9	0.8	5.5	0.0
By currency							
US dollar	4.2	-0.5	3.7	0.9	0.9	4.6	0.0
Euro	0.3	...	0.3	...	...	0.3	-
Other currencies	0.5	0.2	0.7	-	0.0	0.7	-
By original maturity							
Short-term	0.0	...	0.0	...	...	0.0	-
Long-term	5.0	-0.3	4.7	0.9	0.8	5.5	0.0
By interest rate type							
Fixed	4.1	-0.7	3.4	0.9	0.8	4.3	-
Other	0.9	0.4	1.3	-	-	1.3	0.0
Non-financial corporations	98.7	0.1	98.3	0.6	-3.1	95.2	13.4
By currency							
US dollar	77.4	0.4	77.8	0.6	-3.1	74.6	8.7
Euro	15.8	0.0	15.4	...	...	15.5	4.4
Other currencies	5.5	-0.3	5.2	-	-	5.1	0.3
By original maturity							
Short-term	0.1	0.0	0.2	0.1	0.0	0.2	0.2
Long-term	98.5	0.1	98.1	0.4	-3.2	95.0	13.2
By interest rate type							
Fixed	95.6	0.2	95.4	0.6	-3.1	92.3	12.9
Other	3.0	-0.1	2.9	-	-	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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	48.6	...	59.0	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	48.6	...	59.0	...	...	...	...
Domestic debt securities	48.6	10.4	59.0	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	48.6	10.4	59.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	48.6	10.4	59.0	...	...	...	...
International debt securities	7.8	0.8	8.6	0.5	0.5	9.1	0.5
Banks	0.3	0.5	0.9	0.5	0.5	1.4	-
By currency							
Local currency	0.2	0.5	0.7	0.5	0.5	1.3	-
US dollar	0.1	...	0.1	...	...	0.1	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	-	0.1	-	-	0.1	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.3	0.5	0.9	0.5	0.5	1.4	-
By interest rate type							
Fixed	...	...	...	0.5	0.5	0.5	-
Other	0.3	0.5	0.9	-	-	0.9	-
Other financial corporations	1.0	...	1.0	...	...	1.0	-
By currency							
Local currency	1.0	...	1.0	...	...	1.0	-
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	...	1.0	...	...	1.0	-
By interest rate type							
Fixed	...	...	...	...	...	...	...
Other	1.0	...	1.0	...	...	1.0	-
Non-financial corporations	6.5	0.3	6.7	...	...	6.7	0.5
By currency							
Local currency	...	0.3	0.3	...	...	0.3	-
US dollar	6.3	...	6.3	...	...	6.3	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	-	0.2	...	...	0.2	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.5	0.3	6.7	...	...	6.7	0.5
By interest rate type							
Fixed	6.3	0.3	6.5	...	...	6.5	0.5
Other	0.2	-	0.2	...	...	0.2	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 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	14.1	0.8	14.9	0.6	0.5	15.4	1.6
Banks	1.9	0.5	2.4	0.6	0.5	2.9	0.8
By currency							
US dollar	1.6	...	1.6	...	...	1.6	0.8
Euro	...	...	...	...	...	...	...
Other currencies	0.3	0.5	0.8	0.6	0.5	1.3	0.0
By original maturity							
Short-term	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Long-term	1.8	0.5	2.3	0.5	0.5	2.9	0.8
By interest rate type							
Fixed	1.6	0.0	1.6	0.6	0.5	2.1	0.8
Other	0.2	0.5	0.8	–	–	0.8	–
Other financial corporations	1.5	...	1.5	...	...	1.5	–
By currency							
US dollar	0.5	...	0.5	...	...	0.5	–
Euro	...	...	...	...	...	...	...
Other currencies	1.0	...	1.0	...	...	1.0	–
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.5	...	1.5	...	...	1.5	–
By interest rate type							
Fixed	0.5	...	0.5	...	...	0.5	–
Other	1.0	...	1.0	...	...	1.0	–
Non-financial corporations	10.7	0.3	11.0	0.0	0.0	11.0	0.8
By currency							
US dollar	9.7	0.0	9.7	0.0	0.0	9.7	0.8
Euro	0.9	...	0.8	...	...	0.8	–
Other currencies	0.2	0.3	0.5	–	–	0.5	–
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.7	0.3	11.0	0.0	0.0	11.0	0.8
By interest rate type							
Fixed	10.3	0.3	10.5	0.0	0.0	10.5	0.8
Other	0.5	–	0.5	–	–	0.5	–

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	330.7	...	342.0	...	...	...	...
Financial corporations	144.5	...	152.2	...	...	...	...
Non-financial corporations	105.0	...	108.8	...	...	...	...
General government	81.3	...	80.9	...	...	...	...
Domestic debt securities	81.3	-0.4	80.9	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	81.3	-0.4	80.9	...	...	...	...
Short-term	6.3	0.2	6.5	...	...	...	...
Long-term	75.0	-0.7	74.4	...	...	...	...
International debt securities	114.3	4.1	118.1	17.3	4.6	122.4	32.4
Banks	62.2	2.5	64.3	12.7	2.5	66.7	27.3
By currency							
Local currency	3.8	-0.9	2.9	0.2	0.0	2.9	0.5
US dollar	42.6	4.8	47.4	9.8	3.4	50.7	20.9
Euro	1.3	-0.1	1.1	0.1	0.1	1.2	0.1
Other foreign currencies	14.5	-1.2	12.9	2.6	-1.0	11.9	5.8
By original maturity							
Short-term	15.6	1.3	16.6	7.6	-0.2	16.3	16.3
Long-term	46.6	1.2	47.7	5.1	2.7	50.4	11.1
By interest rate type							
Fixed	51.7	4.4	55.7	12.3	3.3	58.9	24.7
Other	10.5	-1.9	8.6	0.4	-0.8	7.8	2.6
Other financial corporations	26.1	1.2	27.3	3.8	2.3	29.6	3.0
By currency							
Local currency	1.9	0.1	2.0	0.3	0.3	2.3	0.4
US dollar	18.9	0.7	19.6	3.3	1.9	21.6	2.2
Euro	1.5	0.4	1.9	...	...	1.9	-
Other foreign currencies	3.9	-0.1	3.8	0.1	0.0	3.9	0.4
By original maturity							
Short-term	1.1	0.1	1.2	1.1	0.0	1.1	1.1
Long-term	25.0	1.2	26.1	2.6	2.3	28.5	1.9
By interest rate type							
Fixed	24.5	1.9	26.4	3.5	2.1	28.4	2.9
Other	1.6	-0.6	1.0	0.2	0.2	1.2	0.2
Non-financial corporations	26.0	0.4	26.4	0.8	-0.2	26.1	2.0
By currency							
Local currency	9.8	-0.2	9.6	0.1	-0.9	8.5	1.2
US dollar	13.1	1.0	14.1	0.7	0.7	14.8	0.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	3.1	-0.4	2.7	0.1	0.1	2.8	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.0	0.4	26.4	0.8	-0.2	26.1	2.0
By interest rate type							
Fixed	19.0	0.4	19.4	0.8	0.8	20.2	1.5
Other	7.0	-	7.0	-	-1.0	5.9	0.5

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 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	89.3	-3.3	85.6	11.1	2.4	87.6	16.6
Banks	36.8	-2.4	34.0	7.5	2.0	35.7	11.8
By currency							
US dollar	21.0	-0.2	20.8	5.0	2.5	23.3	6.0
Euro	0.6	0.0	0.6	0.0	0.0	0.6	0.0
Other currencies	15.2	-2.2	12.6	2.5	-0.5	11.8	5.8
By original maturity							
Short-term	10.4	-2.6	7.5	4.5	-0.2	7.1	7.1
Long-term	26.4	0.1	26.5	3.0	2.2	28.6	4.7
By interest rate type							
Fixed	29.2	-0.7	28.2	7.2	2.8	30.7	10.2
Other	7.6	-1.8	5.8	0.3	-0.8	5.0	1.6
Other financial corporations	19.4	-1.6	17.6	2.0	0.2	17.8	1.3
By currency							
US dollar	12.3	-1.5	10.8	1.9	0.2	11.0	1.0
Euro	2.7	0.0	2.6	...	...	2.7	-
Other currencies	4.3	-0.1	4.2	0.2	-0.1	4.1	0.3
By original maturity							
Short-term	1.1	0.1	1.2	1.1	0.0	1.1	1.1
Long-term	18.3	-1.7	16.5	0.9	0.2	16.6	0.2
By interest rate type							
Fixed	16.4	-0.3	16.0	2.0	0.2	16.2	1.3
Other	2.9	-1.3	1.7	-	-0.1	1.6	0.1
Non-financial corporations	33.2	0.8	33.9	1.6	0.2	34.1	3.5
By currency							
US dollar	17.1	1.2	18.4	0.8	0.4	18.7	2.3
Euro	1.7	...	1.7	...	...	1.7	-
Other currencies	14.3	-0.5	13.9	0.8	-0.2	13.7	1.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	33.2	0.8	33.9	1.6	0.2	34.1	3.5
By interest rate type							
Fixed	25.2	0.8	26.0	1.2	0.9	26.8	2.8
Other	8.0	0.0	8.0	0.3	-0.7	7.3	0.7

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	175.5	5.4	180.5	...	...	...	...
Financial corporations	33.9	0.7	34.5	...	...	...	...
Short-term	4.3	-0.2	4.1	...	...	...	...
Long-term	29.6	0.9	30.4	...	...	...	...
Non-financial corporations	20.6	0.1	20.6	...	...	...	...
Short-term	0.5	-0.1	0.4	...	...	...	...
Long-term	20.1	0.2	20.3	...	...	...	...
General government	121.0	4.6	125.3	...	...	...	...
Short-term	14.2	0.5	14.7	...	...	...	...
Long-term	106.7	4.1	110.6	...	...	...	...
International debt securities	30.6	-1.6	28.9	0.3	0.1	29.2	1.4
Banks	3.5	-0.7	2.8	0.0	-0.1	2.7	0.7
By currency							
Local currency	0.3	0.0	0.3	0.0	0.0	0.3	-
US dollar	2.2	-0.3	1.9	...	-0.1	1.8	0.7
Euro	0.1	0.0	0.1	...	...	0.1	-
Other foreign currencies	0.9	-0.4	0.5	-	-	0.5	-
By original maturity							
Short-term	0.2	-0.1	0.1	...	0.0	0.0	0.0
Long-term	3.3	-0.6	2.8	0.0	-0.1	2.7	0.7
By interest rate type							
Fixed	3.4	-0.7	2.7	0.0	-0.1	2.6	0.7
Other	0.2	-0.1	0.1	-	-	0.1	0.0
Other financial corporations	4.0	...	4.0	0.2	0.1	4.1	0.2
By currency							
Local currency	0.8	...	0.8	...	...	0.9	0.1
US dollar	2.7	...	2.7	...	-0.1	2.6	-
Euro	0.1	...	0.1	0.2	0.2	0.2	0.1
Other foreign currencies	0.5	...	0.5	-	-	0.5	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.0	...	4.0	0.2	0.1	4.1	0.2
By interest rate type							
Fixed	2.7	...	2.7	...	...	2.7	0.1
Other	1.4	...	1.3	0.2	0.1	1.5	0.1
Non-financial corporations	10.9	-1.3	9.6	0.1	0.1	9.8	0.3
By currency							
Local currency	1.7	0.0	1.8	0.0	0.0	1.9	0.3
US dollar	6.8	-0.9	5.9	0.1	0.1	6.1	-
Euro	2.4	-0.4	1.9	...	...	1.9	-
Other foreign currencies	0.0	-	0.0	-	-	0.0	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.9	-1.3	9.6	0.1	0.1	9.8	0.3
By interest rate type							
Fixed	9.3	-0.9	8.4	0.1	0.1	8.7	-
Other	1.6	-0.4	1.1	-	-	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	12.1	0.4	12.5	...	...	12.5	0.1
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	10.4	1.3	11.6	...	...	11.6	0.1
Euro	1.4	-0.8	0.6	...	...	0.6	-
Other foreign currencies	0.3	-	0.3	...	...	0.3	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	12.1	0.4	12.5	...	...	12.5	0.1
By interest rate type							
Fixed	12.1	0.4	12.5	...	...	12.5	0.1
Other	-	-	-	...	...	-	-
National issuers							
International debt securities	61.0	0.0	59.9	0.5	-1.3	58.3	3.3
Banks	14.4	-1.1	12.8	0.2	-0.3	12.3	1.0
By currency							
US dollar	4.7	-0.8	3.9	0.0	0.0	3.9	0.9
Euro	2.1	0.0	2.0	0.0	-0.4	1.7	0.1
Other currencies	7.6	-0.3	6.9	0.2	0.1	6.8	0.1
By original maturity							
Short-term	0.4	-0.1	0.3	0.0	0.0	0.3	0.2
Long-term	13.9	-1.0	12.5	0.2	-0.2	12.0	0.9
By interest rate type							
Fixed	7.5	-1.1	6.2	0.1	0.0	6.1	0.9
Other	6.9	0.0	6.6	0.1	-0.3	6.2	0.2
Other financial corporations	9.0	...	8.6	0.2	0.2	8.6	0.1
By currency							
US dollar	0.5	...	0.5	...	...	0.5	-
Euro	2.1	...	2.1	0.2	0.2	2.3	-
Other currencies	6.3	...	6.0	-	-	5.8	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.0	...	8.6	0.2	0.2	8.6	0.1
By interest rate type							
Fixed	1.2	...	1.2	...	...	1.2	0.1
Other	7.7	...	7.4	0.2	0.2	7.4	-
Non-financial corporations	25.5	0.8	26.0	0.1	-1.2	24.9	2.0
By currency							
US dollar	16.8	-0.6	16.2	0.1	-1.2	15.0	1.1
Euro	5.8	1.4	7.0	...	...	7.0	0.6
Other currencies	2.9	0.0	2.9	0.0	0.0	3.0	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	25.5	0.8	26.0	0.1	-1.2	24.9	2.0
By interest rate type							
Fixed	21.5	-0.1	21.3	0.1	-1.2	20.2	1.7
Other	4.0	0.8	4.7	-	-	4.7	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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	1,872.3	...	1,834.3	...	...	...	...
Financial corporations	776.9	...	763.6	...	...	...	...
Non-financial corporations	28.7	...	29.8	...	...	...	...
General government	1,066.7	...	1,040.8	...	...	...	...
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	560.9	-3.9	544.1	12.4	-4.8	541.6	115.0
Banks	132.5	2.7	132.0	4.1	-1.8	130.8	40.2
By currency							
Local currency	122.5	2.4	121.9	3.7	-1.9	120.7	37.4
US dollar	7.4	0.2	7.6	0.2	0.0	7.6	1.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.5	0.1	2.6	0.2	0.0	2.5	1.2
By original maturity							
Short-term	15.2	1.5	16.4	3.0	-1.8	14.7	14.7
Long-term	117.3	1.1	115.6	1.1	-0.1	116.1	25.5
By interest rate type							
Fixed	102.4	2.2	102.2	3.9	-1.4	101.3	31.5
Other	30.1	0.5	29.8	0.2	-0.4	29.5	8.7
Other financial corporations	363.4	-6.9	348.1	5.8	-4.8	344.7	56.9
By currency							
Local currency	326.3	-1.9	316.4	3.5	-5.5	312.6	48.8
US dollar	26.8	-4.7	22.2	2.3	0.8	22.9	7.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	10.2	-0.3	9.5	0.0	-0.1	9.2	1.1
By original maturity							
Short-term	1.1	0.8	1.9	2.3	0.8	2.7	2.7
Long-term	362.2	-7.7	346.2	3.5	-5.6	342.0	54.3
By interest rate type							
Fixed	181.5	-3.9	173.6	5.5	-2.4	171.7	48.4
Other	181.9	-3.0	174.5	0.3	-2.4	173.0	8.6
Non-financial corporations	24.9	1.9	26.2	2.3	1.9	28.2	4.0
By currency							
Local currency	23.6	1.9	24.9	2.3	1.9	26.9	3.7
US dollar	1.1	...	1.1	0.0	0.0	1.1	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	-	0.2	-	-	0.2	-
By original maturity							
Short-term	1.1	-0.3	0.8	0.4	0.0	0.8	0.8
Long-term	23.8	2.2	25.4	1.9	1.9	27.4	3.2
By interest rate type							
Fixed	16.6	1.9	18.1	1.8	1.3	19.6	0.8
Other	8.3	-	8.1	0.5	0.5	8.6	3.2

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	40.1	-1.6	37.8	0.2	0.0	37.9	13.9
By currency							
Local currency	31.5	-0.2	30.5	...	-0.2	30.4	13.5
US dollar	7.6	-1.4	6.2	0.2	0.2	6.4	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.0	-	1.1	-	-	1.1	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	40.1	-1.6	37.8	0.2	0.0	37.9	13.9
By interest rate type							
Fixed	39.2	-1.5	37.0	0.2	0.0	37.1	13.4
Other	0.9	-0.1	0.8	-	-	0.8	0.5
National issuers							
International debt securities	919.0	4.8	901.6	33.1	1.7	904.1	152.7
Banks	444.0	6.9	440.2	15.6	0.0	439.7	67.4
By currency							
US dollar	106.8	-2.1	104.7	3.0	1.0	105.7	12.7
Euro	273.3	2.8	269.4	10.2	-0.3	270.5	47.7
Other currencies	63.8	6.2	66.1	2.4	-0.6	63.5	7.0
By original maturity							
Short-term	17.1	2.0	18.8	4.2	-1.4	17.4	17.3
Long-term	426.8	5.0	421.5	11.5	1.5	422.2	50.1
By interest rate type							
Fixed	229.0	-0.4	224.1	14.0	5.3	229.6	45.5
Other	214.9	7.4	216.2	1.7	-5.3	210.1	21.9
Other financial corporations	255.9	-7.9	242.0	4.8	-4.1	239.1	43.2
By currency							
US dollar	9.8	-2.2	7.7	2.3	0.7	8.4	5.9
Euro	242.5	-5.5	231.1	2.6	-4.8	227.5	35.9
Other currencies	3.6	-0.3	3.3	0.0	-0.1	3.2	1.4
By original maturity							
Short-term	1.0	0.6	1.6	2.2	0.8	2.4	2.4
Long-term	254.9	-8.5	240.4	2.6	-4.9	236.7	40.8
By interest rate type							
Fixed	107.5	-5.8	99.2	4.5	-2.4	97.3	38.1
Other	148.4	-2.1	142.8	0.3	-1.7	141.8	5.1
Non-financial corporations	179.0	7.3	181.6	12.5	5.8	187.4	28.2
By currency							
US dollar	22.9	-1.6	21.3	0.4	0.2	21.5	2.1
Euro	130.6	9.4	136.6	11.5	5.2	142.5	24.9
Other currencies	25.5	-0.5	23.7	0.5	0.4	23.4	1.2
By original maturity							
Short-term	8.9	1.7	10.4	6.0	-0.6	9.9	9.9
Long-term	170.1	5.6	171.2	6.5	6.4	177.5	18.4
By interest rate type							
Fixed	158.2	7.0	161.0	10.6	4.1	165.0	22.0
Other	20.8	0.3	20.6	1.9	1.8	22.4	6.2

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	777.5	...	745.2	...	...	...	...
Financial corporations	603.6	...	576.3	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	173.9	...	168.9	...	...	...	...
Domestic debt securities	392.5	-2.1	372.6	...	...	...	...
Financial corporations	269.2	-7.8	249.4	...	...	...	...
Short-term	28.2	-2.0	25.0	...	...	...	...
Long-term	241.0	-5.8	224.4	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	123.3	5.7	123.2	...	...	...	...
Short-term	16.8	2.6	18.6	...	...	...	...
Long-term	106.5	3.1	104.6	...	...	...	...
International debt securities	479.6	-7.0	465.3	39.6	3.5	468.8	112.8
Banks	211.4	-2.5	205.5	21.2	4.0	209.5	56.3
By currency							
Local currency	10.2	0.3	10.0	0.1	-0.8	9.1	2.8
US dollar	67.1	1.1	68.2	9.9	4.3	72.5	16.7
Euro	100.3	-2.3	95.5	7.8	2.3	98.3	27.8
Other foreign currencies	33.9	-1.6	31.8	3.4	-1.7	29.6	9.0
By original maturity							
Short-term	17.8	-0.2	17.1	10.6	1.6	18.5	18.5
Long-term	193.6	-2.3	188.4	10.5	2.4	191.0	37.8
By interest rate type							
Fixed	175.9	-4.3	169.1	17.5	4.6	173.9	44.6
Other	35.5	1.8	36.3	3.7	-0.6	35.5	11.7
Other financial corporations	143.5	-2.0	140.3	10.4	-3.1	137.4	30.5
By currency							
Local currency	21.9	-0.2	20.7	1.2	-0.6	19.8	5.3
US dollar	54.7	-3.9	50.7	5.2	-1.0	49.8	12.7
Euro	40.0	1.3	40.3	2.4	-0.8	39.7	4.3
Other foreign currencies	27.0	0.9	28.6	1.6	-0.7	28.1	8.2
By original maturity							
Short-term	4.8	0.5	5.3	2.8	-1.7	3.5	3.5
Long-term	138.7	-2.4	135.1	7.6	-1.3	133.9	27.0
By interest rate type							
Fixed	107.1	-1.5	105.0	7.6	-3.1	102.2	21.8
Other	36.4	-0.5	35.3	2.8	0.0	35.1	8.7
Non-financial corporations	64.8	1.8	64.8	3.8	0.9	65.7	9.8
By currency							
Local currency	11.0	0.4	10.8	0.9	0.1	10.8	1.6
US dollar	8.2	-0.1	8.1	0.4	0.0	8.1	2.5
Euro	40.6	1.7	41.2	2.4	1.1	42.5	5.3
Other foreign currencies	5.1	-0.2	4.7	0.0	-0.4	4.3	0.4
By original maturity							
Short-term	1.8	0.0	1.7	1.3	-0.1	1.6	1.6
Long-term	62.9	1.8	63.1	2.5	1.0	64.1	8.2
By interest rate type							
Fixed	54.3	1.7	54.6	3.2	0.9	55.5	7.1
Other	10.5	0.1	10.2	0.6	0.0	10.2	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	59.9	-4.4	54.7	4.2	1.7	56.3	16.3
By currency							
Local currency	11.7	0.3	11.4	0.3	0.2	11.5	0.8
US dollar	34.5	-4.4	30.1	3.9	1.5	31.7	13.6
Euro	12.1	-0.1	11.7	...	0.0	11.8	1.7
Other foreign currencies	1.6	-0.2	1.4	-	0.0	1.4	0.2
By original maturity							
Short-term	4.9	-4.4	0.5	0.4	-0.1	0.4	0.4
Long-term	55.0	0.0	54.2	3.8	1.8	55.9	15.9
By interest rate type							
Fixed	53.8	-4.1	49.1	4.0	1.7	50.7	15.7
Other	6.1	-0.3	5.6	0.2	0.0	5.6	0.6
National issuers							
International debt securities	491.5	-7.5	476.2	40.1	-0.1	476.1	115.1
Banks	237.0	-0.8	232.0	21.9	0.4	232.3	60.0
By currency							
US dollar	72.3	1.3	73.6	10.1	3.7	77.3	18.1
Euro	119.4	-1.6	114.8	8.1	-0.1	115.3	30.5
Other currencies	45.3	-0.5	43.5	3.7	-3.2	39.7	11.4
By original maturity							
Short-term	19.6	1.2	20.1	11.2	0.2	20.2	20.2
Long-term	217.4	-2.0	211.9	10.7	0.1	212.2	39.8
By interest rate type							
Fixed	197.5	-2.4	192.0	18.1	1.5	193.7	49.1
Other	39.6	1.6	40.0	3.8	-1.1	38.7	10.9
Other financial corporations	131.0	-3.6	126.5	7.6	-3.9	122.7	27.9
By currency							
US dollar	53.4	-3.9	49.5	5.2	-1.0	48.5	12.6
Euro	30.6	0.1	29.9	0.0	-1.6	28.5	2.4
Other currencies	46.9	0.3	47.1	2.4	-1.3	45.6	12.8
By original maturity							
Short-term	4.1	0.0	4.1	2.3	-1.0	3.1	3.1
Long-term	126.9	-3.7	122.4	5.3	-2.9	119.6	24.8
By interest rate type							
Fixed	97.8	-3.0	94.4	6.9	-2.5	92.1	19.5
Other	33.2	-0.6	32.1	0.7	-1.4	30.5	8.4
Non-financial corporations	63.6	1.3	63.1	6.4	1.7	64.8	11.0
By currency							
US dollar	6.1	-0.1	6.0	0.4	0.0	6.0	1.8
Euro	39.1	1.2	39.3	4.7	1.8	41.3	6.0
Other currencies	18.3	0.2	17.8	1.4	-0.1	17.4	3.2
By original maturity							
Short-term	2.6	0.4	2.9	1.7	-0.8	2.1	2.1
Long-term	61.0	0.9	60.2	4.7	2.5	62.7	9.0
By interest rate type							
Fixed	50.7	1.2	50.7	3.7	0.2	50.9	7.7
Other	12.9	0.0	12.4	2.7	1.5	13.9	3.3

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	211.5	-3.2	205.3	...	...	...	...
Financial corporations	96.2	-1.3	93.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	96.2	-1.3	93.6	...	...	...	...
Non-financial corporations	17.7	-0.3	17.1	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	17.7	-0.3	17.1	...	...	...	...
General government	97.5	-1.5	94.6	...	...	...	...
Short-term	8.6	-1.5	6.9	...	...	...	...
Long-term	89.0	0.0	87.7	...	...	...	...
International debt securities	55.6	1.2	56.8	0.8	0.5	57.5	2.5
Banks	28.2	-0.7	27.9	0.1	-0.1	28.0	0.6
By currency							
Local currency	1.2	-0.3	0.9	...	...	0.9	-
US dollar	17.2	0.0	17.2	0.0	0.0	17.2	0.1
Euro	2.7	0.0	2.7	...	...	2.7	-
Other foreign currencies	7.0	-0.4	7.2	0.1	-0.1	7.2	0.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	28.2	-0.7	27.9	0.1	-0.1	28.0	0.6
By interest rate type							
Fixed	27.3	-0.7	27.1	0.1	0.0	27.2	0.6
Other	0.8	0.0	0.8	0.0	0.0	0.8	0.1
Other financial corporations	16.7	1.9	18.3	0.7	0.7	19.0	1.8
By currency							
Local currency	5.4	-0.2	5.1	...	...	5.1	1.4
US dollar	3.8	1.2	5.0	...	...	5.0	-
Euro	7.4	0.8	8.0	0.7	0.7	8.8	0.4
Other foreign currencies	0.2	-	0.2	-	-	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	16.7	1.9	18.3	0.7	0.7	19.0	1.8
By interest rate type							
Fixed	13.0	2.1	14.8	0.7	0.7	15.5	1.1
Other	3.8	-0.2	3.5	-	-	3.5	0.6
Non-financial corporations	10.7	0.0	10.6	0.1	-0.1	10.5	0.1
By currency							
Local currency	2.2	...	2.2	...	...	2.2	0.0
US dollar	2.7	0.0	2.7	...	0.0	2.6	0.0
Euro	5.8	0.1	5.7	0.1	0.0	5.7	0.1
Other foreign currencies	0.0	-	-	-	-	0.0	-
By original maturity							
Short-term	0.1	0.0	0.1	0.1	-0.1	0.1	0.1
Long-term	10.6	0.0	10.4	...	...	10.5	0.1
By interest rate type							
Fixed	9.5	0.0	9.4	0.1	-0.1	9.4	0.1
Other	1.2	-	1.2	-	-	1.2	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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 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	406.1	26.0	427.0	29.3	1.4	429.0	79.7
Banks	293.4	22.2	312.5	22.7	-2.4	310.5	66.4
By currency							
US dollar	130.1	14.2	144.3	7.7	0.0	144.3	15.3
Euro	116.7	8.0	121.6	10.8	-2.9	119.3	42.6
Other currencies	46.6	0.1	46.6	4.2	0.5	46.9	8.5
By original maturity							
Short-term	23.5	6.8	29.7	13.1	1.3	31.0	26.9
Long-term	269.9	15.4	282.8	9.6	-3.7	279.5	39.5
By interest rate type							
Fixed	224.5	18.9	241.7	20.2	5.3	247.4	46.6
Other	68.9	3.3	70.8	2.5	-7.7	63.1	19.8
Other financial corporations	26.5	2.6	28.8	1.1	0.3	29.1	2.7
By currency							
US dollar	7.8	1.1	8.9	0.4	-	8.9	0.4
Euro	13.0	1.3	14.0	0.7	0.3	14.4	0.5
Other currencies	5.8	0.2	5.9	0.0	0.0	5.9	1.7
By original maturity							
Short-term	0.5	-0.1	0.4	0.4	-	0.4	0.4
Long-term	26.1	2.7	28.4	0.7	0.3	28.7	2.3
By interest rate type							
Fixed	15.8	2.2	17.8	1.1	0.7	18.5	1.6
Other	10.8	0.4	11.0	-	-0.4	10.6	1.0
Non-financial corporations	86.2	1.1	85.8	5.6	3.5	89.3	10.7
By currency							
US dollar	29.5	0.7	30.2	2.0	1.4	31.6	4.6
Euro	42.9	1.5	43.3	3.6	2.1	45.5	4.4
Other currencies	13.7	-1.1	12.3	-	-	12.1	1.6
By original maturity							
Short-term	0.2	0.6	0.8	0.9	0.2	1.0	0.9
Long-term	85.9	0.5	85.0	4.7	3.3	88.4	9.7
By interest rate type							
Fixed	81.4	1.2	81.2	5.6	3.5	84.7	10.2
Other	4.7	-0.1	4.6	-	-	4.6	0.5

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	
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Total	Of which: Up to and including one year
						Q3 16	Q3 16
Resident issuers							
Total debt securities	306.4	...	309.5	...	...	...	...
Financial corporations	123.3	...	125.7	...	...	...	...
Non-financial corporations	69.4	...	72.0	...	...	...	...
General government	113.7	...	111.8	...	...	...	...
Domestic debt securities	294.2	3.1	297.7	...	...	...	...
Financial corporations	118.0	2.3	120.5	...	...	...	...
Short-term	57.8	-2.0	55.8	...	...	...	...
Long-term	60.2	4.3	64.7	...	...	...	...
Non-financial corporations	62.6	2.8	65.6	...	...	...	...
Short-term	4.8	0.3	5.1	...	...	...	...
Long-term	57.8	2.5	60.4	...	...	...	...
General government	113.5	-2.0	111.6	...	...	...	...
Short-term	4.8	-2.9	1.8	...	...	...	...
Long-term	108.8	0.9	109.8	...	...	...	...
International debt securities	9.4	0.3	9.7	1.4	1.0	10.8	1.0
Banks	1.0	0.3	1.3	0.1	-0.1	1.3	0.1
By currency							
Local currency	0.1	...	0.1	...	...	0.1	-
US dollar	0.9	0.3	1.2	...	-0.2	1.0	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	-	0.1	0.1	0.1	0.2	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	0.3	1.3	0.1	-0.1	1.3	0.1
By interest rate type							
Fixed	0.7	0.3	1.0	0.1	-0.1	0.9	-
Other	0.4	-	0.4	-	-	0.4	0.1
Other financial corporations	1.8	...	1.8	...	...	1.8	-
By currency							
Local currency	1.7	...	1.7	...	...	1.8	-
US dollar	0.0	...	0.0	...	...	0.0	-
Euro	...	...	...	...	...	...	...
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.8	...	1.8	...	...	1.8	-
By interest rate type							
Fixed	1.7	...	1.7	...	...	1.7	-
Other	0.1	...	0.1	...	...	0.1	-
Non-financial corporations	6.4	...	6.5	1.0	1.0	7.4	0.6
By currency							
Local currency	0.3	...	0.3	...	...	0.3	-
US dollar	5.8	...	5.8	0.6	0.6	6.4	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.3	...	0.4	0.4	0.4	0.7	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.4	...	6.5	1.0	1.0	7.4	0.6
By interest rate type							
Fixed	5.9	...	5.9	0.4	0.4	6.3	0.6
Other	0.6	...	0.6	0.6	0.6	1.2	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	0.2	...	0.2	0.3	0.1	0.3	0.3
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	0.2	...	0.2	0.2	–	0.2	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	–	...	–	0.1	0.1	0.1	0.1
By original maturity							
Short-term	0.2	...	0.2	0.3	0.1	0.3	0.3
Long-term	...	...	...	...	...	...	...
By interest rate type							
Fixed	0.2	...	0.2	0.3	0.1	0.3	0.3
Other	–	...	–	–	–	–	–
National issuers							
International debt securities	19.3	0.7	20.0	1.2	0.8	20.8	3.3
Banks	8.5	0.6	9.1	...	–0.2	8.9	2.4
By currency							
US dollar	8.1	0.6	8.7	...	–0.2	8.5	2.4
Euro	...	...	...	...	...	...	...
Other currencies	0.4	–	0.4	...	–	0.4	–
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.5	0.6	9.1	...	–0.2	8.9	2.4
By interest rate type							
Fixed	8.2	0.6	8.8	...	–0.2	8.5	2.3
Other	0.4	–	0.4	...	–	0.4	0.1
Other financial corporations	2.3	...	2.3	0.4	0.4	2.7	–
By currency							
US dollar	0.6	...	0.6	0.4	0.4	1.0	–
Euro	...	...	...	...	...	...	...
Other currencies	1.7	...	1.7	–	–	1.7	–
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.3	...	2.3	0.4	0.4	2.7	–
By interest rate type							
Fixed	2.3	...	2.3	0.4	0.4	2.7	–
Other	0.0	...	0.0	–	–	0.0	–
Non-financial corporations	8.3	0.1	8.4	0.6	0.6	9.0	0.6
By currency							
US dollar	7.0	...	7.0	0.6	0.6	7.6	0.3
Euro	...	...	...	...	...	...	...
Other currencies	1.3	0.1	1.3	–	–	1.3	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.3	0.1	8.4	0.6	0.6	9.0	0.6
By interest rate type							
Fixed	7.7	0.1	7.8	...	...	7.7	0.6
Other	0.6	–	0.6	0.6	0.6	1.2	–

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	273.4	...	275.9	...	...	...	...
Financial corporations	48.1	...	49.7	...	...	...	...
Non-financial corporations	8.7	...	8.5	...	...	...	...
General government	216.6	...	217.7	...	...	...	...
Domestic debt securities	175.9	1.4	173.6	...	...	...	...
Financial corporations	14.8	-0.2	14.3	...	...	...	...
Short-term	10.2	-0.1	9.9	...	...	...	...
Long-term	4.6	0.0	4.5	...	...	...	...
Non-financial corporations	3.0	-0.2	2.8	...	...	...	...
Short-term	0.1	0.0	0.1	...	...	...	...
Long-term	2.9	-0.2	2.7	...	...	...	...
General government	158.1	1.7	156.5	...	...	...	...
Short-term	1.2	-	1.2	...	...	...	...
Long-term	156.9	1.7	155.3	...	...	...	...
International debt securities	113.9	6.0	120.0	1.2	-2.1	117.9	8.0
Banks	41.2	3.7	44.8	1.2	0.2	45.0	4.0
By currency							
Local currency	0.6	...	0.6	...	...	0.6	-
US dollar	37.1	2.8	39.9	1.0	0.5	40.5	3.5
Euro	3.2	0.8	3.9	0.2	-0.3	3.6	0.3
Other foreign currencies	0.4	0.0	0.4	0.0	0.0	0.4	0.1
By original maturity							
Short-term	0.8	0.8	1.6	0.3	-0.5	1.1	0.7
Long-term	40.5	2.8	43.2	0.9	0.7	43.9	3.3
By interest rate type							
Fixed	38.9	4.0	42.8	1.2	0.4	43.2	3.9
Other	2.4	-0.3	2.0	-	-0.2	1.9	0.0
Other financial corporations	1.5	-0.1	1.3	...	0.0	1.3	0.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	0.5	...	0.5	...	...	0.5	-
Euro	0.7	-0.1	0.6	...	0.0	0.6	0.2
Other foreign currencies	0.2	-	0.2	...	-	0.2	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.5	-0.1	1.3	...	0.0	1.3	0.2
By interest rate type							
Fixed	1.1	-0.1	1.0	...	0.0	1.0	0.2
Other	0.3	-0.1	0.3	...	-	0.3	-
Non-financial corporations	8.0	...	8.0	...	...	8.0	-
By currency							
Local currency	0.1	...	0.1	...	...	0.1	-
US dollar	7.6	...	7.6	...	...	7.6	-
Euro	0.4	...	0.4	...	...	0.4	-
Other foreign currencies	-	...	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.0	...	8.0	...	...	8.0	-
By interest rate type							
Fixed	7.8	...	7.8	...	...	7.8	-
Other	0.2	...	0.2	...	...	0.2	-

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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	63.1	2.5	65.8	...	-2.3	63.6	3.9
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	50.8	2.5	53.3	...	-2.3	51.0	2.3
Euro	8.0	...	7.8	...	...	7.8	1.7
Other foreign currencies	4.3	-	4.7	...	-	4.8	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	63.1	2.5	65.8	...	-2.3	63.6	3.9
By interest rate type							
Fixed	63.1	2.5	65.8	...	-2.3	63.6	3.9
Other	-	-	-	...	-	-	-
National issuers							
International debt securities	108.1	5.9	114.1	1.1	-2.2	112.1	8.7
Banks	35.0	3.9	38.8	1.1	0.2	38.9	3.6
By currency							
US dollar	31.4	3.0	34.4	0.9	0.5	34.9	3.1
Euro	2.6	0.8	3.4	0.2	-0.3	3.1	0.3
Other currencies	1.0	0.0	1.0	0.0	0.0	0.9	0.1
By original maturity							
Short-term	0.7	0.9	1.6	0.3	-0.5	1.1	0.7
Long-term	34.2	3.0	37.2	0.9	0.7	37.8	2.9
By interest rate type							
Fixed	32.0	4.2	36.1	1.1	0.4	36.5	3.0
Other	2.9	-0.3	2.6	-	-0.2	2.4	0.6
Other financial corporations	3.7	-0.5	3.3	...	...	3.3	1.2
By currency							
US dollar	3.4	-0.4	3.0	...	...	3.0	1.2
Euro	0.3	-0.1	0.3	...	...	0.3	-
Other currencies	-	-	-	...	...	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.7	-0.5	3.3	...	...	3.3	1.2
By interest rate type							
Fixed	2.3	...	2.3	...	...	2.3	0.5
Other	1.5	-0.5	1.0	...	...	1.0	0.7
Non-financial corporations	6.2	...	6.2	...	...	6.2	-
By currency							
US dollar	5.8	...	5.8	...	...	5.8	-
Euro	0.4	...	0.4	...	...	0.4	-
Other currencies	0.1	...	0.1	...	...	0.1	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.2	...	6.2	...	...	6.2	-
By interest rate type							
Fixed	6.0	...	6.0	...	...	6.0	-
Other	0.2	...	0.2	...	...	0.2	-

the 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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	5,894.2	...	5,915.3	...	...	...	...
Financial corporations	2,702.8	...	2,671.2	...	...	...	...
Non-financial corporations	550.0	...	551.3	...	...	...	...
General government	2,637.1	...	2,688.1	...	...	...	...
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	3,086.6	-3.4	2,988.8	208.9	23.7	2,974.6	402.1
Banks	1,359.2	4.7	1,331.7	150.5	17.4	1,339.6	299.9
By currency							
Local currency	352.6	1.1	331.2	42.5	6.3	324.5	67.4
US dollar	438.7	9.1	447.8	63.0	18.0	465.8	87.3
Euro	487.4	-2.6	472.7	37.9	-8.9	466.3	128.6
Other foreign currencies	80.5	-2.9	80.0	7.1	2.0	82.9	16.6
By original maturity							
Short-term	154.2	1.8	151.9	91.1	1.5	152.1	149.7
Long-term	1,205.0	2.9	1,179.8	59.3	15.9	1,187.4	150.2
By interest rate type							
Fixed	981.5	20.2	981.9	137.7	32.2	1,009.8	231.0
Other	377.8	-15.5	349.8	12.8	-14.9	329.8	68.9
Other financial corporations	1,317.4	-9.3	1,260.7	42.1	4.4	1,243.7	68.4
By currency							
Local currency	624.3	5.1	589.6	15.5	6.4	572.9	14.1
US dollar	360.4	-3.8	356.6	17.1	-0.7	355.9	29.7
Euro	312.8	-9.9	295.3	9.0	-0.2	296.6	20.6
Other foreign currencies	19.9	-0.7	19.2	0.5	-1.0	18.3	4.0
By original maturity							
Short-term	24.2	1.5	25.3	17.1	-2.5	22.7	22.5
Long-term	1,293.2	-10.8	1,235.4	25.1	7.0	1,220.9	45.9
By interest rate type							
Fixed	615.6	-20.7	575.1	36.5	9.1	575.4	51.0
Other	701.8	11.4	685.5	5.7	-4.6	668.3	17.4
Non-financial corporations	389.0	1.2	376.7	16.3	1.9	372.4	33.8
By currency							
Local currency	174.0	6.1	168.7	8.9	5.3	167.4	11.9
US dollar	120.2	-2.6	117.6	1.6	-2.5	115.1	11.9
Euro	88.1	-1.8	84.1	5.4	-1.2	83.4	8.9
Other foreign currencies	6.6	-0.4	6.3	0.3	0.3	6.6	1.1
By original maturity							
Short-term	16.5	-3.7	12.4	3.8	-3.1	9.3	9.3
Long-term	372.5	4.9	364.4	12.5	5.0	363.1	24.5
By interest rate type							
Fixed	352.1	1.1	341.3	14.4	1.6	337.5	30.9
Other	36.9	0.1	35.4	1.9	0.3	34.9	2.9

the 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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	21.0	...	19.7	...	...	18.9	-
By currency							
Local currency	20.5	...	19.2	...	...	18.4	-
US dollar	...	...	...	...	...	...	...
Euro	0.1	...	0.1	...	...	0.1	-
Other foreign currencies	0.5	...	0.5	...	...	0.4	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	21.0	...	19.7	...	...	18.9	-
By interest rate type							
Fixed	21.0	...	19.7	...	...	18.9	-
Other	-	...	-	...	...	-	-
National issuers							
International debt securities	2,536.0	-32.9	2,423.1	113.3	35.1	2,424.8	209.9
Banks	1,184.3	-15.3	1,134.7	58.5	14.3	1,134.8	112.9
By currency							
US dollar	382.4	8.3	390.7	32.6	19.0	409.7	35.2
Euro	307.7	-14.0	286.3	7.6	-3.5	284.3	45.8
Other currencies	494.2	-9.6	457.6	18.3	-1.1	440.8	31.9
By original maturity							
Short-term	31.5	-0.1	30.6	15.4	-1.5	28.9	28.8
Long-term	1,152.8	-15.2	1,104.1	43.0	15.9	1,106.0	84.1
By interest rate type							
Fixed	609.3	3.1	599.8	51.8	26.4	622.4	76.5
Other	575.0	-18.3	534.9	6.7	-12.0	512.4	36.4
Other financial corporations	620.8	-25.2	575.2	13.9	-1.0	566.2	42.6
By currency							
US dollar	161.2	-17.4	143.8	3.1	1.1	144.8	14.7
Euro	192.2	-4.0	183.5	7.2	0.1	184.7	21.2
Other currencies	267.4	-3.8	247.9	3.5	-2.2	236.8	6.7
By original maturity							
Short-term	6.2	2.0	8.1	6.9	0.6	8.6	8.5
Long-term	614.6	-27.2	567.2	7.1	-1.5	557.6	34.1
By interest rate type							
Fixed	317.3	-27.5	279.7	11.7	3.1	278.2	24.4
Other	303.5	2.2	295.5	2.2	-4.1	288.1	18.2
Non-financial corporations	709.9	7.6	693.5	41.0	21.8	704.8	54.4
By currency							
US dollar	214.8	1.8	216.6	20.1	15.8	232.4	23.9
Euro	180.1	-1.6	174.0	7.5	-3.0	172.0	14.7
Other currencies	315.1	7.3	302.8	13.4	9.0	300.4	15.8
By original maturity							
Short-term	18.4	-2.8	15.1	3.4	-4.7	10.5	10.4
Long-term	691.6	10.5	678.4	37.6	26.4	694.4	44.0
By interest rate type							
Fixed	640.8	7.4	627.1	38.7	21.1	639.3	48.6
Other	69.1	0.2	66.3	2.3	0.7	65.6	5.8

the 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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
Resident issuers							
Total debt securities	37,486.9	...	37,614.3	...	...	...	...
Financial corporations	15,087.2	...	15,126.5	...	...	...	...
Non-financial corporations	5,676.5	...	5,761.8	...	...	...	...
General government	16,502.3	...	16,505.3	...	...	...	...
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	2,327.9	28.2	2,341.6	136.0	42.5	2,384.5	345.9
Banks	570.8	12.4	579.1	52.1	34.6	614.4	115.0
By currency							
Local currency	270.3	12.9	283.2	30.9	21.1	304.3	55.3
US dollar	...	...	...	...	...	...	...
Euro	181.6	-1.8	175.3	12.8	9.6	185.8	34.3
Other foreign currencies	119.0	1.3	120.6	8.3	3.9	124.3	25.4
By original maturity							
Short-term	2.1	0.1	2.2	0.7	-0.7	1.4	1.4
Long-term	568.7	12.3	576.9	51.4	35.3	613.0	113.6
By interest rate type							
Fixed	450.8	13.6	461.3	42.6	28.8	490.4	84.6
Other	120.0	-1.2	117.7	9.5	5.7	124.0	30.4
Other financial corporations	1,284.3	-7.9	1,272.7	47.3	-7.8	1,264.8	182.8
By currency							
Local currency	1,134.7	-7.5	1,127.2	35.5	-4.2	1,123.0	155.6
US dollar	...	...	...	...	...	...	...
Euro	90.5	1.0	89.2	8.9	-1.6	88.1	16.6
Other foreign currencies	59.1	-1.3	56.3	2.9	-1.9	53.7	10.7
By original maturity							
Short-term	11.6	1.2	12.3	10.0	-0.2	12.0	12.0
Long-term	1,272.8	-9.0	1,260.4	37.3	-7.5	1,252.8	170.8
By interest rate type							
Fixed	967.1	-3.7	960.4	43.1	-7.6	952.6	148.5
Other	317.3	-4.2	312.3	4.2	-0.2	312.2	34.3
Non-financial corporations	468.2	23.7	485.1	36.5	15.6	500.6	47.8
By currency							
Local currency	236.1	3.2	239.2	13.1	7.9	247.1	23.8
US dollar	...	...	...	...	...	...	...
Euro	177.9	17.8	190.9	22.2	6.6	198.5	21.5
Other foreign currencies	54.2	2.7	54.9	1.2	1.2	55.0	2.5
By original maturity							
Short-term	13.8	1.1	14.6	14.1	0.6	15.3	15.3
Long-term	454.3	22.6	470.5	22.4	15.0	485.3	32.5
By interest rate type							
Fixed	333.1	20.8	347.6	25.7	8.0	355.4	35.9
Other	135.0	2.9	137.5	10.9	7.6	145.2	11.9

the 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
	Q1 16	Q2 16	Q2 16	Q3 16	Q3 16	Q3 16	Q3 16
General government	4.6	0.0	4.7	0.0	0.0	4.7	0.3
By currency							
Local currency	4.2	0.0	4.2	0.0	0.0	4.3	0.3
US dollar	...	...	...	...	...	...	...
Euro	0.5	...	0.4	...	...	0.4	-
Other foreign currencies	0.0	-	-	-	-	-	-
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.6	0.0	4.7	0.0	0.0	4.7	0.3
By interest rate type							
Fixed	3.9	0.0	4.0	0.0	0.0	4.0	0.3
Other	0.7	-	0.7	-	-	0.7	-
National issuers							
International debt securities	3,264.2	51.1	3,293.1	175.9	51.6	3,343.5	407.9
Banks	806.0	13.4	814.8	63.6	36.2	851.5	132.9
By currency							
US dollar	450.7	13.9	464.5	38.2	24.4	488.9	58.4
Euro	203.1	-1.7	196.3	15.6	8.3	205.6	41.3
Other currencies	152.3	1.3	154.0	9.8	3.5	156.9	33.2
By original maturity							
Short-term	10.7	2.0	12.7	5.3	-1.3	11.3	11.0
Long-term	795.3	11.4	802.2	58.3	37.5	840.2	121.9
By interest rate type							
Fixed	602.2	17.0	616.0	52.2	30.0	646.0	96.4
Other	203.9	-3.6	198.9	11.4	6.2	205.5	36.5
Other financial corporations	1,617.6	11.5	1,621.6	51.3	-6.3	1,614.2	184.8
By currency							
US dollar	1,379.9	-0.8	1,379.2	38.1	-4.9	1,374.3	156.2
Euro	171.1	3.8	170.6	10.5	-1.6	169.9	20.6
Other currencies	66.6	8.4	71.8	2.7	0.2	70.0	8.0
By original maturity							
Short-term	17.1	0.6	17.3	15.1	2.8	20.0	18.8
Long-term	1,600.4	10.9	1,604.4	36.2	-9.1	1,594.2	166.1
By interest rate type							
Fixed	864.7	-5.0	857.1	40.3	-6.1	850.7	143.2
Other	752.9	16.4	764.6	11.0	-0.2	763.5	41.6
Non-financial corporations	836.4	26.2	852.4	61.0	21.7	873.5	89.8
By currency							
US dollar	458.2	14.4	472.6	21.1	6.8	479.4	42.1
Euro	262.6	14.5	270.3	33.0	12.3	284.0	35.4
Other currencies	115.6	-2.7	109.5	6.9	2.5	110.1	12.3
By original maturity							
Short-term	26.5	-3.7	22.3	20.0	-0.4	21.9	21.9
Long-term	809.9	29.9	830.1	41.0	22.1	851.6	67.9
By interest rate type							
Fixed	630.4	24.9	646.1	43.9	11.4	656.8	67.8
Other	206.1	1.3	206.3	17.1	10.3	216.8	22.1

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	Jun 2016	Sep 2016	2014	2015	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016
Futures										
All markets	25,176	25,203	27,888	5,046	4,572	4,472	5,825	4,446	4,483	5,258
Interest rate	24,941	24,983	27,654	4,933	4,464	4,383	5,697	4,358	4,400	5,139
Short-term	23,427	23,298	25,871	4,291	3,864	3,738	5,013	3,880	3,801	4,499
Long-term	1,514	1,685	1,783	642	600	645	684	478	599	640
Foreign exchange	235	220	234	113	108	89	127	88	83	119
North America	15,649	16,166	18,632	3,226	3,121	3,273	3,968	3,261	3,339	3,533
Interest rate	15,501	16,031	18,489	3,140	3,043	3,213	3,874	3,201	3,284	3,449
Short-term	14,648	15,098	17,515	2,815	2,730	2,826	3,572	2,950	2,893	3,185
Long-term	853	933	974	325	313	388	302	252	391	264
Foreign exchange	148	135	144	86	79	60	93	60	55	85
Europe	7,084	6,403	6,634	1,534	1,167	915	1,524	936	938	1,412
Interest rate	7,080	6,399	6,628	1,531	1,163	912	1,519	932	934	1,408
Short-term	6,621	5,886	6,052	1,284	946	711	1,233	765	781	1,129
Long-term	459	513	577	247	216	200	287	167	153	280
Foreign exchange	4	5	5	3	4	4	5	4	4	4
Asia and Pacific	1,543	1,660	1,688	208	212	227	262	192	156	233
Interest rate	1,534	1,638	1,663	202	205	219	253	185	149	224
Short-term	1,337	1,404	1,436	132	134	162	157	127	94	128
Long-term	197	234	227	70	71	57	96	58	55	96
Foreign exchange	9	22	25	6	7	8	9	7	7	8
Other markets	900	974	934	79	72	57	70	56	51	79
Interest rate	825	915	874	60	53	39	51	39	33	57
Short-term	821	909	869	60	53	39	51	39	33	57
Long-term	4	5	5	0	0	0	0	1	0	0
Foreign exchange	75	59	60	18	19	18	20	17	18	22
Options										
All markets	38,392	42,497	38,914	1,314	1,279	1,253	1,501	1,574	1,043	1,135
Interest rate	38,261	42,342	38,776	1,302	1,265	1,240	1,486	1,563	1,033	1,124
Short-term	37,828	41,742	38,223	1,211	1,169	1,171	1,376	1,493	968	1,040
Long-term	433	600	552	91	96	69	110	70	65	84
Foreign exchange	131	155	139	12	14	12	15	11	10	11
North America	26,735	33,588	31,960	908	1,016	1,100	1,219	1,338	904	1,014
Interest rate	26,669	33,497	31,889	900	1,006	1,093	1,209	1,331	898	1,008
Short-term	26,413	33,098	31,534	841	949	1,045	1,134	1,282	850	955
Long-term	256	400	355	59	57	47	75	48	48	52
Foreign exchange	66	91	71	9	10	8	9	7	6	6
Europe	11,450	8,496	6,550	387	249	137	267	219	125	108
Interest rate	11,447	8,494	6,548	387	249	137	267	218	125	108
Short-term	11,282	8,311	6,369	360	214	119	237	202	113	81
Long-term	165	183	179	27	35	18	31	17	12	27
Foreign exchange	3	2	2	0	0	0	0	0	0	0
Asia and Pacific	14	22	22	6	6	6	7	7	7	7
Interest rate	11	19	18	5	4	4	5	5	5	4
Short-term	-	2	-	0	-	-	-	-	0	-
Long-term	11	17	18	5	4	4	5	5	5	4
Foreign exchange	2	3	4	1	2	2	2	2	2	3
Other markets	194	391	382	13	8	9	8	11	7	6
Interest rate	134	331	320	10	6	7	5	9	5	4
Short-term	133	331	320	10	6	7	5	9	5	4
Long-term	0	0	0	0	0	0	0	0	0	0
Foreign exchange	60	60	62	3	2	2	3	2	2	2

Exchange-traded futures and options, by currency

Notional principal, in billions of US dollars

Table D2

Market risk category / currency	Open interest		Memo: OTC ¹	Daily average turnover					
	Jun 2016	Sep 2016		Jun 2016	2014	2015	Jun 2016	Jul 2016	Aug 2016
Interest rate	67,324	66,430	...	6,235	5,728	7,184	5,921	5,433	6,263
AUD	1,240	1,255	...	145	147	181	134	97	149
BRL	985	960	...	59	44	41	36	28	48
CAD	529	596	...	96	75	85	67	71	84
CHF	202	228	...	34	27	34	16	18	29
CNY	11	11	...	1	4	3	4	5	3
DKK	0	0	...	0	0	0	0	0	0
EUR	7,876	7,075	...	1,209	835	940	614	598	1,002
GBP	6,644	5,685	...	657	538	808	517	440	480
HKD	-	-	...	-	-	-	-	-	-
HUF	-	-	...	-	-	-	-	-	-
INR	1	0	...	0	0	0	0	0	0
JPY	270	294	...	46	40	49	35	37	53
KRW	31	31	...	12	13	18	12	10	19
MXN	6	4	...	0	0	0	0	0	0
NOK	17	17	...	0	0	1	0	0	1
NZD	97	84	...	4	5	7	4	4	4
PLN	0	0	...	0	0	0	-	-	-
RUB	-	-	...	-	-	-	-	-	-
SEK	89	92	...	9	6	2	1	1	2
SGD	-	-	...	-	-	-	-	-	-
TRY	-	-	...	-	-	-	-	-	-
TWD	-	-	...	-	-	-	-	-	-
USD	49,321	50,092	...	3,963	3,993	5,016	4,479	4,123	4,389
ZAR	6	5	...	0	0	0	1	0	0
Other currencies	-	0	...	0	0	0	0	0	0
Foreign exchange	375	373	...	125	122	142	99	93	130
AUD	12	16	...	9	7	9	7	7	9
BRL	110	112	...	20	20	21	19	19	23
CAD	14	13	...	6	6	6	5	5	7
CHF	8	8	...	6	3	4	2	2	4
CNY	4	5	...	0	0	0	0	0	0
DKK	-	-	...	-	-	-	-	-	-
EUR	104	93	...	41	44	41	23	23	36
GBP	35	34	...	12	11	19	11	8	12
HKD	-	0	...	-	-	-	-	-	-
HUF	1	1	...	0	0	0	0	0	0
INR	10	14	...	5	6	9	6	6	8
JPY	42	39	...	20	16	21	18	14	20
KRW	11	10	...	2	2	3	3	3	3
MXN	13	14	...	2	2	2	1	2	3
NOK	1	1	...	0	0	0	0	0	0
NZD	4	4	...	1	1	2	1	1	2
PLN	0	1	...	0	0	0	0	0	0
RUB	5	6	...	3	3	4	3	3	3
SEK	1	1	...	0	0	0	0	0	0
SGD	0	0	...	0	0	0	0	0	0
TRY	1	1	...	0	0	0	0	0	0
TWD	-	-	...	-	-	-	-	-	-
USD	318	327	...	118	114	133	95	89	125
ZAR	3	4	...	0	0	0	0	0	0
Other currencies	52	39	...	6	8	7	4	4	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	Jun 2016	Sep 2016	2014	2015	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016
Futures	25,176	25,203	27,888	5,046	4,572	4,472	5,825	4,446	4,483	5,258
Interest rate	24,941	24,983	27,654	4,933	4,464	4,383	5,697	4,358	4,400	5,139
Short-term	23,427	23,298	25,871	4,291	3,864	3,738	5,013	3,880	3,801	4,499
AUD	1,084	1,118	1,129	117	123	150	142	115	80	111
BRL	529	655	640	49	38	29	36	27	23	44
CAD	443	435	540	89	68	74	79	62	63	78
CHF	184	202	228	33	27	15	34	16	18	28
EUR	3,716	3,549	3,655	751	475	357	610	417	440	685
GBP	2,416	1,966	1,980	485	434	336	584	328	320	409
JPY	145	183	216	11	7	7	9	8	9	13
KRW	–	–	–	–	–	–	–	–	–	–
MXN	8	5	4	0	0	0	0	–	–	–
NOK	14	17	17	0	0	0	1	0	0	1
NZD	98	97	84	4	5	6	7	4	4	4
SEK	120	88	92	6	4	1	2	1	1	2
USD	14,669	14,985	17,285	2,745	2,682	2,763	3,510	2,901	2,843	3,123
ZAR	0	–	0	0	0	–	–	–	0	0
Other currencies	0	1	0	0	0	0	0	0	0	0
Long-term	1,514	1,685	1,783	642	600	645	684	478	599	640
AUD	106	119	125	27	24	23	38	19	16	38
BRL	–	–	–	–	–	–	–	–	–	–
CAD	31	30	32	6	6	9	5	3	8	5
CHF	0	0	0	0	0	0	0	0	0	0
EUR	389	449	506	215	186	163	262	146	124	256
GBP	60	63	71	29	29	37	24	21	29	24
JPY	81	72	59	31	30	19	36	23	23	36
KRW	–	31	31	12	13	10	18	12	10	19
MXN	0	1	0	0	0	0	0	0	0	0
NOK	–	–	–	–	–	–	–	–	–	–
NZD	0	–	–	0	0	–	–	–	–	–
SEK	9	1	–	3	2	0	0	0	0	0
USD	822	902	942	320	307	379	297	248	383	259
ZAR	4	5	5	0	0	0	0	1	0	0
Other currencies	10	12	11	1	4	4	3	4	5	4
Foreign exchange	235	220	234	113	108	89	127	88	83	119
AUD	8	6	10	8	7	7	9	6	7	9
BRL	59	56	57	18	18	17	19	17	17	21
CAD	13	9	8	5	5	5	6	5	5	7
CHF	9	6	7	5	3	2	4	2	2	4
EUR	67	59	60	36	38	22	36	20	20	33
GBP	25	24	25	11	10	9	18	10	7	11
JPY	24	20	22	18	15	12	20	16	12	19
KRW	0	11	10	2	2	2	3	3	3	3
MXN	9	13	14	2	2	2	2	1	2	3
NOK	0	1	1	0	0	0	0	0	0	0
NZD	2	4	4	1	1	2	2	1	1	2
SEK	1	1	1	0	0	0	0	0	0	0
USD	222	207	219	111	107	87	124	87	82	116
ZAR	2	2	2	0	0	0	0	0	0	0
Other currencies	30	21	27	7	9	9	12	8	8	10

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	Jun 2016	Sep 2016	2014	2015	May 2016	Jun 2016	Jul 2016	Aug 2016	Sep 2016
Options	38,392	42,497	38,914	1,314	1,279	1,253	1,501	1,574	1,043	1,135
Interest rate	38,261	42,342	38,776	1,302	1,265	1,240	1,486	1,563	1,033	1,124
Short-term	37,828	41,742	38,223	1,211	1,169	1,171	1,376	1,493	968	1,040
AUD	-	2	-	-	-	-	-	-	0	-
BRL	133	331	320	10	6	7	5	9	5	4
CAD	45	63	24	1	2	1	1	1	1	1
CHF	-	-	-	-	-	-	-	-	-	-
EUR	7,051	3,695	2,736	216	139	35	37	35	22	34
GBP	4,231	4,616	3,634	143	75	83	199	167	91	47
JPY	-	-	-	0	-	-	-	-	-	-
KRW	-	-	-	-	-	-	-	-	-	-
MXN	-	-	-	-	-	-	-	-	-	-
NOK	-	-	-	-	-	-	-	-	-	-
NZD	-	-	-	-	-	-	-	-	-	-
SEK	-	-	-	-	0	-	-	-	-	-
USD	26,368	33,035	31,510	840	947	1,044	1,134	1,281	849	955
ZAR	-	-	-	-	-	-	-	-	-	-
Other currencies	0	0	0	0	0	0	0	0	-	0
Long-term	433	600	552	91	96	69	110	70	65	84
AUD	2	1	0	1	0	1	0	0	0	0
BRL	-	-	-	-	-	-	-	-	-	-
CAD	0	0	0	0	0	0	-	-	0	-
CHF	-	-	-	-	-	-	-	-	-	-
EUR	165	183	179	27	35	18	31	17	12	27
GBP	-	-	-	-	-	-	-	-	-	-
JPY	9	15	18	4	4	3	4	4	5	4
KRW	-	-	-	-	-	-	-	-	-	-
MXN	-	-	-	-	-	-	-	-	-	-
NOK	-	-	-	-	-	-	-	-	-	-
NZD	-	-	-	-	-	-	-	-	-	-
SEK	-	-	-	-	-	-	-	-	-	-
USD	256	399	355	59	57	47	75	48	48	52
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	0	-	0	-	-	-	0	-	0	0
Foreign exchange	131	155	139	12	14	12	15	11	10	11
AUD	4	6	7	1	0	1	1	0	0	1
BRL	53	54	55	2	2	1	2	2	2	2
CAD	4	5	5	0	0	0	0	0	0	0
CHF	2	1	1	0	0	0	0	0	0	0
EUR	40	45	33	5	7	4	6	3	3	3
GBP	8	12	9	1	1	1	1	1	1	1
JPY	10	22	17	1	1	2	2	2	1	1
KRW	-	-	-	-	-	-	-	-	-	-
MXN	0	0	0	0	0	0	0	0	0	0
NOK	-	-	-	-	-	-	-	-	-	-
NZD	-	0	-	-	-	-	-	-	-	-
SEK	-	-	-	-	-	-	-	-	-	-
USD	92	111	108	7	7	8	9	8	7	8
ZAR	2	1	2	0	0	0	0	0	0	0
Other currencies	48	53	41	6	9	7	9	6	5	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
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
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
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	
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		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	
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		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
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	...	...
LVL	...	...	...	...	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
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	...	...
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 (%)		
	Q4 15	Q1 16	Q2 16	Q4 15	Q1 16	Q2 16
International claims on all sectors¹	42.7	43.8	44.1	-3.0	-4.4	0.2
On the bank sector	22.3	22.5	22.7	-6.6	-8.1	-2.8
On the non-bank sector	19.5	20.4	20.4	1.6	0.6	3.7
Total claims on private non-financial sector²	103.8	104.8	104.9	6.3	6.1	6.3
Local claims	90.1	90.8	91.0	7.2	6.9	6.5
Cross-border claims	13.6	14.0	13.9	-0.4	-1.9	0.9
Claims on advanced economies						
On euro area	112.2	112.4	111.8	0.3	0.2	1.1
Local claims	89.0	88.8	88.5	0.7	1.2	1.1
Cross-border claims	23.2	23.6	23.3	-1.9	-3.8	1.6
On the United States	65.5	66.6	67.2	6.5	7.2	8.1
Local claims	51.3	51.5	52.3	7.6	7.9	8.1
Cross-border claims	14.2	15.0	14.9	2.6	4.9	8.3
On other advanced economies	132.6	133.2	133.2	2.8	2.4	2.6
Local claims	115.2	115.2	115.0	2.9	2.3	1.7
Cross-border claims	17.5	18.0	18.1	5.8	7.3	9.4
Claims on emerging market economies						
On emerging Asia	138.5	139.9	140.7	12.6	11.8	10.9
Local claims	132.7	134.4	135.0	13.4	12.7	11.8
Cross-border claims	5.8	5.6	5.7	-6.5	-13.7	-12.9
On central Europe	59.4	59.5	59.8	3.0	3.3	2.6
Local claims	50.0	50.2	50.5	4.1	4.4	4.0
Cross-border claims	9.4	9.3	9.3	-2.7	-2.1	-4.1
On Latin America	53.9	53.7	54.6	8.2	6.1	5.6
Local claims	45.3	45.7	46.9	10.8	9.3	8.2
Cross-border claims	8.6	7.9	7.7	2.2	-4.8	-4.0
On other emerging market economies	69.1	69.5	69.3	6.7	7.0	6.7
Local claims	60.9	61.4	61.0	8.9	8.6	7.7
Cross-border claims	8.2	8.1	8.3	-6.6	-3.5	1.1

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 (USD trn)			Year-on-year change (%)		
	Q4 15	Q1 16	Q2 16	Q4 15	Q1 16	Q2 16
US dollar credit						
To US residents (non-financial sector)	44.8	45.3	45.8	4.3	5.0	5.1
Of which: to government	18.2	18.4	18.6	4.2	5.4	6.0
To rest of the world (non-bank sector)	9.5	9.7	9.9	3.7	2.4	3.2
Of which: to emerging market economies	3.2	3.2	3.3	1.3	-1.8	-0.8
Africa and Middle East	0.5	0.5	0.6	13.8	13.0	19.6
Emerging Asia and Pacific	1.5	1.5	1.5	-0.9	-6.3	-7.5
Emerging Europe	0.4	0.4	0.4	-12.2	-10.0	-7.8
Latin America and Caribbean	0.8	0.8	0.9	5.5	3.0	4.2
By instrument						
Bank loans	5.0	5.1	5.2	1.8	0.6	1.5
Debt securities issues	4.5	4.6	4.7	5.9	4.4	5.2
Of which: by non-financial issuers	2.6	2.6	2.7	4.4	4.1	5.8
Euro credit¹						
To euro area residents (non-financial sector)	29.2	29.8	30.0	2.0	1.1	3.4
Of which: government	12.2	12.6	12.7	0.6	0.4	5.4
To rest of the world (non-bank sector)	2.6	2.7	2.8	8.1	4.4	7.1
Of which: to emerging market economies	0.6	0.6	0.6	7.4	4.1	3.9
Africa and Middle East	0.1	0.1	0.1	4.9	1.4	3.5
Emerging Asia and Pacific	0.1	0.1	0.1	7.8	-9.8	0.0
Emerging Europe	0.3	0.3	0.3	3.9	4.4	2.8
Latin America and Caribbean	0.1	0.1	0.1	26.0	39.7	16.2
By instrument						
Bank loans	1.1	1.2	1.2	1.5	-6.1	0.2
Debt securities issues	1.5	1.6	1.6	13.7	13.8	12.8
Of which: by non-financial issuers	1.0	1.1	1.1	15.8	17.9	17.7
Yen credit¹						
To Japanese residents (non-financial sector)	16.1	16.4	16.7	0.7	1.9	3.8
Of which: government	9.7	10.0	10.2	1.3	3.0	5.4
To rest of the world (non-bank sector)	0.5	0.4	0.4	-7.0	-13.1	-12.6
Of which: to emerging market economies	0.1	0.1	0.1	-1.1	-17.1	-22.5
Africa and Middle East	0.0	0.0	0.0	2.1	-6.2	-13.8
Emerging Asia and Pacific	0.1	0.1	0.1	-0.5	-18.9	-25.8
Emerging Europe	0.0	0.0	0.0	-0.2	-0.5	-1.2
Latin America and Caribbean	0.0	0.0	0.0	-14.1	-14.1	7.9
By instrument						
Bank loans	0.3	0.3	0.3	-7.3	-16.1	-17.1
Debt securities issues	0.2	0.2	0.2	-6.4	-7.0	-3.6
Of which: by non-financial issuers	0.1	0.1	0.1	-10.3	-9.7	-4.1

¹ Amounts outstanding in euro and yen are converted to US dollars at the exchange rate prevailing at end-December 2015.

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	53.7	56.1	59.5	58.7	68.7	57.4	58.6	68.7	76.0	74.2
Australia	203.3	208.3	217.0	228.4	240.5	235.6	240.6	240.5	243.8	245.4
Austria	234.4	238.9	236.8	240.9	240.7	241.8	242.4	240.7	243.0	244.5
Belgium	303.4	319.2	319.9	338.2	341.5	341.5	344.6	341.5	359.6	362.0
Brazil	122.1	127.8	128.8	134.4	148.5	139.4	145.9	148.5	146.1	144.6
Canada	256.7	266.0	267.0	272.9	290.0	281.4	285.9	290.0	289.7	294.6
Chile	127.7	135.3	143.8	159.0	171.2	160.6	171.0	171.2	169.8	170.2
China	180.5	194.4	211.0	225.8	246.3	235.3	240.2	246.3	251.8	254.9
Czech Republic	128.3	137.4	141.8	143.1	134.4	137.1	135.7	134.4	134.3	134.1
Denmark	311.2	304.9	290.8	296.1	282.0	285.8	286.5	282.0	282.7	284.5
Finland	221.3	231.3	236.2	243.9	251.8	249.4	248.9	251.8	252.3	247.8
France	262.4	275.7	274.1	290.4	292.2	292.8	293.1	292.2	296.1	300.0
Germany	193.9	196.4	191.8	188.7	183.8	186.2	185.3	183.8	185.5	185.5
Greece	229.0	283.9	299.0	299.6	298.0	290.5	292.1	298.0	296.7	299.9
Hong Kong SAR	236.6	237.5	261.8	284.3	300.1	292.6	287.0	300.1	298.6	303.9
Hungary	208.3	200.6	191.7	191.8	182.9	190.6	186.7	182.9	183.4	181.2
India	125.0	126.9	127.6	126.7	129.7	127.9	128.3	129.7	130.1	128.6
Indonesia	53.3	57.5	63.6	64.4	68.2	66.0	67.7	68.2	67.1	67.9
Ireland	427.0	438.2	423.2	419.9	414.0	465.5	437.3	414.0	406.4	409.6
Israel	193.8	192.5	185.7	184.9	181.9	180.8	181.2	181.9	181.7	183.3
Italy	235.4	258.0	263.5	274.4	273.3	274.3	274.9	273.3	275.7	276.1
Japan	369.9	374.2	382.6	390.8	386.4	386.4	384.5	386.4	392.3	397.4
Korea	211.2	216.9	220.6	228.1	234.6	233.3	235.8	234.6	237.0	238.5
Luxembourg	416.0	437.4	418.7	426.1	449.2	437.6	445.2	449.2	450.5	446.7
Malaysia	171.9	175.8	183.5	185.6	193.4	192.2	193.1	193.4	190.7	191.9
Mexico	60.0	61.0	66.6	70.2	75.9	71.9	74.6	75.9	77.5	78.1
Netherlands	313.0	317.3	311.2	314.9	309.4	317.7	314.0	309.4	309.8	309.3
New Zealand	206.3	210.9	207.6	206.2	209.0	206.5	207.1	209.0	207.8	209.4
Norway	247.6	250.2	251.4	256.5	269.8	264.8	268.0	269.8	273.7	280.0
Poland	131.1	130.6	134.7	132.2	134.9	134.9	136.2	134.9	136.1	138.8
Portugal	316.4	357.8	351.3	349.3	336.5	341.3	341.3	336.5	332.5	332.6
Russia	64.6	66.6	74.9	87.3	90.2	84.3	87.9	90.2	88.8	86.2
Saudi Arabia	44.4	41.6	46.0	49.9	68.5	58.3	62.5	68.5	74.5	80.8
Singapore	215.8	230.7	241.1	243.3	252.7	245.6	246.8	252.7	256.7	260.2
South Africa	108.3	113.5	116.2	119.1	125.4	120.3	122.1	125.4	126.3	125.6

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

Table F1.1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	283.4	292.7	297.0	298.7	284.7	290.6	288.0	284.7	283.2	284.0
Sweden	267.5	268.9	273.2	281.3	281.6	283.8	282.0	281.6	274.3	277.9
Switzerland	233.6	242.3	240.4	240.8	243.1	241.9	244.0	243.1	245.4	247.1
Thailand	133.6	137.9	146.8	150.9	156.1	152.4	153.7	156.1	154.5	153.3
Turkey	95.4	98.0	106.1	109.8	107.5	112.4	113.2	107.5	106.1	108.1
United Kingdom	272.7	275.9	264.3	267.8	264.8	263.4	265.8	264.8	266.9	278.2
United States	251.7	252.1	247.6	249.9	249.7	246.8	247.0	249.7	253.2	254.7
<i>Memo:</i>										
<i>Euro area</i>	252.6	263.7	261.6	269.4	268.0	270.7	270.1	268.0	270.2	271.2
<i>Aggregates based on conversion to US dollars at market exchange rates¹</i>										
<i>G20</i>	219.5	228.2	227.5	222.7	235.4	228.2	231.8	235.4	246.5	249.2
<i>All reporting economies</i>	217.6	227.3	226.4	220.9	233.7	226.7	230.1	233.7	244.9	247.3
<i>Advanced economies</i>	262.3	272.3	268.7	257.1	268.0	260.9	265.8	268.0	279.3	281.4
<i>Emerging market economies</i>	130.9	144.7	153.5	159.2	175.5	169.3	169.9	175.5	185.8	188.1
<i>Aggregates based on conversion to US dollars at PPP exchange rates¹</i>										
<i>G20</i>	199.7	204.8	207.5	213.8	219.8	215.6	217.5	219.8	222.2	224.2
<i>All reporting economies</i>	198.7	203.6	206.5	212.6	218.5	214.4	216.3	218.5	220.7	222.7
<i>Advanced economies</i>	265.8	270.8	268.7	273.6	273.2	272.5	272.5	273.2	276.5	278.9
<i>Emerging market economies</i>	133.7	140.9	150.6	159.4	171.6	164.2	167.8	171.6	173.0	175.0

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, 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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	272	301	305	318	310	341	310	330	343
Australia	3,012	3,254	3,017	2,992	2,862	2,740	2,862	3,068	3,012
Austria	936	999	1,054	967	890	916	890	947	936
Belgium	1,488	1,632	1,728	1,646	1,526	1,573	1,526	1,688	1,671
Brazil	2,861	2,997	2,899	2,882	2,213	2,136	2,213	2,402	2,692
Canada	4,448	4,870	4,749	4,649	4,143	4,226	4,143	4,452	4,534
Chile	298	365	376	386	381	378	381	404	417
China	13,972	16,825	20,695	23,387	26,001	25,487	26,001	27,165	27,207
Czech Republic	259	293	292	270	247	252	247	260	255
Denmark	993	1,015	1,023	938	817	853	817	857	844
Finland	564	610	662	608	573	580	573	605	582
France	6,987	7,591	8,000	7,551	6,940	7,125	6,940	7,394	7,346
Germany	6,770	7,149	7,488	6,710	6,063	6,239	6,063	6,456	6,346
Greece	614	716	744	647	569	575	569	591	582
Hong Kong SAR	589	623	721	827	928	877	928	930	954
Hungary	241	260	268	239	214	223	214	227	219
India	2,030	2,242	2,260	2,459	2,592	2,536	2,592	2,664	2,648
Indonesia	460	514	499	548	569	524	569	598	618
Ireland	956	1,016	1,051	983	1,152	1,165	1,152	1,187	1,169
Israel	474	512	567	525	542	531	542	567	566
Italy	4,989	5,491	5,829	5,402	4,884	5,035	4,884	5,182	5,086
Japan	22,539	20,666	17,476	15,903	16,025	15,876	16,025	17,486	19,433
Korea	2,440	2,790	2,988	3,083	3,127	3,039	3,127	3,279	3,294
Luxembourg	231	253	267	255	250	253	250	264	256
Malaysia	493	558	569	587	521	496	521	569	566
Mexico	625	731	819	823	797	792	797	835	789
Netherlands	2,603	2,700	2,801	2,535	2,279	2,372	2,279	2,404	2,355
New Zealand	337	376	387	384	351	322	351	358	375
Norway	1,153	1,331	1,274	1,082	954	987	954	1,029	1,035
Poland	595	689	740	645	616	633	616	656	631
Portugal	721	795	825	734	658	679	658	685	673
Russia	1,191	1,456	1,616	1,141	983	1,079	983	1,075	1,095
Saudi Arabia	297	305	342	376	442	418	442	467	499
Singapore	575	683	717	714	718	697	718	768	775
South Africa	404	435	389	391	325	353	325	350	353

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

Table F1.2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Spain	3,925	4,016	4,201	3,760	3,334	3,437	3,334	3,499	3,453
Sweden	1,418	1,525	1,605	1,434	1,394	1,382	1,394	1,434	1,402
Switzerland	1,538	1,651	1,715	1,565	1,576	1,617	1,576	1,650	1,633
Thailand	476	555	576	601	585	567	585	599	603
Turkey	656	778	775	823	719	708	719	755	768
United Kingdom	6,877	7,472	7,606	7,607	7,342	7,501	7,342	7,219	7,077
United States	39,064	40,720	41,321	43,463	45,046	44,216	45,046	45,991	46,538
<i>Memo:</i>									
<i>Euro area</i>	32,015	34,231	35,847	33,161	30,491	31,373	30,491	32,372	31,893
<i>G20</i>	133,163	140,587	143,604	144,005	143,986	143,344	143,986	150,507	152,794
<i>All reporting economies</i>	142,604	151,022	154,434	154,202	153,831	153,159	153,831	160,816	163,069
<i>Advanced economies</i>	113,395	117,110	116,020	113,178	111,001	111,092	111,001	115,915	117,776
<i>Emerging market economies</i>	29,209	33,912	38,414	41,025	42,830	42,067	42,830	44,900	45,293

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	18.3	19.3	20.0	17.3	19.1	17.4	17.4	19.1	18.8	18.3
Australia	178.8	179.9	186.8	193.7	203.3	200.2	202.9	203.3	204.9	206.1
Austria	145.9	146.0	147.4	143.4	144.0	144.4	144.3	144.0	143.1	142.8
Belgium	197.1	203.0	205.4	212.3	218.7	215.9	218.8	218.7	230.9	231.1
Brazil	61.4	66.1	69.0	71.8	75.6	72.7	75.0	75.6	72.4	70.1
Canada	181.9	188.8	193.9	198.0	212.4	205.9	209.5	212.4	211.9	215.1
Chile	114.2	121.3	129.2	141.0	151.3	142.2	151.7	151.3	149.2	148.1
China	147.6	160.3	173.8	185.6	202.7	193.4	197.3	202.7	207.2	209.4
Czech Republic	86.2	88.0	92.6	94.8	89.0	91.1	89.8	89.0	88.8	89.6
Denmark	258.3	251.5	241.3	244.1	235.5	236.6	237.5	235.5	235.1	235.1
Finland	169.2	172.6	177.1	177.6	182.8	181.0	182.1	182.8	182.0	179.4
France	171.6	175.9	174.4	181.8	183.3	183.1	182.8	183.3	182.8	184.5
Germany	109.6	109.6	110.0	106.6	105.8	107.1	106.6	105.8	106.7	106.7
Greece	130.1	131.4	129.3	128.6	126.6	127.7	126.8	126.6	126.1	125.2
Hong Kong SAR	234.6	234.5	258.0	279.6	295.4	288.1	282.1	295.4	293.8	299.1
Hungary	130.0	119.1	111.5	107.9	99.2	103.6	99.8	99.2	97.5	97.6
India	58.9	60.4	61.0	59.7	61.0	60.1	59.8	61.0	61.5	60.0
Indonesia	30.2	34.6	38.8	39.7	40.7	40.0	40.5	40.7	39.8	39.9
Ireland	321.9	313.8	294.6	301.3	325.8	365.4	341.4	325.8	315.8	321.5
Israel	121.1	118.5	113.7	112.3	111.0	110.4	110.8	111.0	110.4	111.7
Italy	123.1	127.3	124.9	123.4	120.1	122.2	121.0	120.1	118.4	118.7
Japan	172.2	169.5	169.5	168.6	165.7	165.7	165.2	165.7	165.3	164.6
Korea	180.6	183.5	185.3	189.8	194.4	192.2	194.1	194.4	194.7	195.7
Luxembourg	396.4	414.5	394.7	401.5	425.4	413.8	421.2	425.4	425.9	422.5
Malaysia	121.9	124.2	130.4	132.9	138.9	136.6	138.6	138.9	137.1	136.6
Mexico	32.1	32.5	35.6	37.2	40.3	38.1	39.7	40.3	41.0	42.0
Netherlands	245.3	243.7	238.8	238.0	236.2	242.9	240.2	236.2	235.7	234.8
New Zealand	172.8	174.4	172.9	171.7	175.6	173.6	174.5	175.6	175.4	176.2
Norway	218.7	220.2	220.8	228.3	236.6	234.4	235.7	236.6	239.6	243.3
Poland	76.7	76.6	78.8	81.8	83.5	83.7	84.3	83.5	84.0	84.9
Portugal	220.0	231.6	220.6	208.2	195.9	201.7	198.0	195.9	193.7	192.1
Russia	53.3	54.5	61.4	71.0	73.3	68.8	72.0	73.3	72.4	70.0
Saudi Arabia	39.0	38.6	43.8	48.3	62.6	54.8	57.8	62.6	65.8	69.2
Singapore	113.6	124.2	137.2	143.5	148.1	143.2	144.4	148.1	148.3	150.2
South Africa	67.9	70.1	70.0	69.8	73.5	71.0	71.4	73.5	74.5	72.7

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

Table F2.1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	214.0	206.6	197.1	185.4	173.1	180.1	176.4	173.1	169.3	169.0
Sweden	226.7	228.5	230.9	232.8	234.9	236.0	235.1	234.9	228.4	231.1
Switzerland	200.1	207.8	207.2	207.6	209.9	208.8	210.9	209.9	212.1	213.7
Thailand	106.2	109.4	117.1	120.8	123.5	121.8	122.7	123.5	122.1	121.7
Turkey	55.9	58.4	69.7	74.1	78.4	79.0	80.2	78.4	77.6	79.6
United Kingdom	176.8	177.7	169.8	162.2	159.9	158.9	159.8	159.9	159.2	162.7
United States	152.1	149.6	148.6	148.7	149.7	149.1	149.2	149.7	150.3	151.1
<i>Memo:</i>										
<i>Euro area</i>	<i>164.9</i>	<i>165.6</i>	<i>162.1</i>	<i>163.4</i>	<i>164.2</i>	<i>166.3</i>	<i>165.3</i>	<i>164.2</i>	<i>163.9</i>	<i>164.2</i>
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	<i>138.0</i>	<i>142.8</i>	<i>144.3</i>	<i>140.4</i>	<i>149.7</i>	<i>145.5</i>	<i>147.5</i>	<i>149.7</i>	<i>155.4</i>	<i>155.7</i>
<i>All reporting economies</i>	<i>139.2</i>	<i>144.8</i>	<i>146.2</i>	<i>141.7</i>	<i>151.0</i>	<i>146.9</i>	<i>148.7</i>	<i>151.0</i>	<i>156.9</i>	<i>157.2</i>
<i>Advanced economies</i>	<i>161.7</i>	<i>165.4</i>	<i>164.0</i>	<i>154.3</i>	<i>161.3</i>	<i>158.1</i>	<i>160.4</i>	<i>161.3</i>	<i>166.2</i>	<i>165.9</i>
<i>Emerging market economies</i>	<i>95.6</i>	<i>107.0</i>	<i>115.4</i>	<i>120.1</i>	<i>133.6</i>	<i>128.2</i>	<i>129.1</i>	<i>133.6</i>	<i>140.9</i>	<i>142.0</i>
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	<i>128.5</i>	<i>131.0</i>	<i>133.8</i>	<i>137.2</i>	<i>142.6</i>	<i>139.7</i>	<i>141.0</i>	<i>142.6</i>	<i>143.5</i>	<i>144.4</i>
<i>All reporting economies</i>	<i>129.6</i>	<i>131.9</i>	<i>134.8</i>	<i>138.3</i>	<i>143.5</i>	<i>140.8</i>	<i>142.0</i>	<i>143.5</i>	<i>144.3</i>	<i>145.2</i>
<i>Advanced economies</i>	<i>164.4</i>	<i>163.7</i>	<i>161.9</i>	<i>162.2</i>	<i>163.3</i>	<i>163.4</i>	<i>163.3</i>	<i>163.3</i>	<i>163.6</i>	<i>164.3</i>
<i>Emerging market economies</i>	<i>95.9</i>	<i>102.3</i>	<i>110.5</i>	<i>117.4</i>	<i>126.6</i>	<i>121.2</i>	<i>123.7</i>	<i>126.6</i>	<i>127.9</i>	<i>129.0</i>

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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	93	103	103	94	86	101	86	81	84
Australia	2,649	2,810	2,598	2,537	2,419	2,310	2,419	2,578	2,530
Austria	583	611	656	576	533	545	533	558	547
Belgium	967	1,038	1,109	1,033	977	999	977	1,084	1,067
Brazil	1,440	1,549	1,554	1,539	1,127	1,099	1,127	1,190	1,305
Canada	3,152	3,456	3,449	3,374	3,034	3,096	3,034	3,257	3,311
Chile	266	327	338	343	336	335	336	355	363
China	11,421	13,871	17,054	19,225	21,393	20,944	21,393	22,350	22,345
Czech Republic	174	187	191	179	163	167	163	172	170
Denmark	824	837	849	773	682	707	682	713	697
Finland	431	455	497	443	416	424	416	436	422
France	4,571	4,843	5,091	4,725	4,352	4,442	4,352	4,565	4,517
Germany	3,827	3,989	4,296	3,789	3,492	3,589	3,492	3,712	3,649
Greece	349	332	322	278	242	250	242	251	243
Hong Kong SAR	584	616	710	814	913	862	913	915	939
Hungary	151	154	156	134	116	119	116	121	118
India	957	1,068	1,080	1,158	1,219	1,183	1,219	1,259	1,236
Indonesia	260	309	304	338	340	313	340	354	363
Ireland	721	727	731	706	907	909	907	922	918
Israel	296	315	347	319	331	325	331	345	345
Italy	2,610	2,710	2,763	2,429	2,147	2,217	2,147	2,226	2,187
Japan	10,493	9,361	7,740	6,859	6,874	6,820	6,874	7,368	8,048
Korea	2,086	2,360	2,511	2,567	2,591	2,502	2,591	2,694	2,704
Luxembourg	220	240	252	240	237	239	237	249	242
Malaysia	350	394	405	421	374	356	374	409	403
Mexico	335	389	437	436	423	422	423	442	425
Netherlands	2,040	2,074	2,150	1,916	1,740	1,814	1,740	1,829	1,788
New Zealand	282	311	322	320	295	272	295	303	315
Norway	1,019	1,171	1,119	963	836	868	836	900	899
Poland	348	404	433	399	381	392	381	405	386
Portugal	501	515	518	438	383	394	383	399	388
Russia	982	1,190	1,325	927	799	883	799	876	890
Saudi Arabia	261	283	326	364	404	387	404	413	427
Singapore	303	368	408	421	421	408	421	444	447
South Africa	253	269	235	229	191	206	191	207	204

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

Table F2.2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Spain	2,964	2,834	2,788	2,334	2,027	2,105	2,027	2,091	2,055
Sweden	1,202	1,296	1,356	1,187	1,164	1,152	1,164	1,193	1,166
Switzerland	1,317	1,416	1,478	1,349	1,361	1,397	1,361	1,426	1,413
Thailand	379	441	460	481	463	453	463	474	478
Turkey	384	464	509	555	525	501	525	552	565
United Kingdom	4,460	4,813	4,887	4,607	4,434	4,510	4,434	4,308	4,140
United States	23,601	24,173	24,802	25,862	27,007	26,704	27,007	27,305	27,621
<i>Memo:</i>									
<i>Euro area</i>	<i>20,901</i>	<i>21,491</i>	<i>22,207</i>	<i>20,111</i>	<i>18,680</i>	<i>19,204</i>	<i>18,680</i>	<i>19,642</i>	<i>19,310</i>
<i>G20</i>	<i>83,729</i>	<i>87,961</i>	<i>91,120</i>	<i>90,783</i>	<i>91,546</i>	<i>91,187</i>	<i>91,546</i>	<i>94,875</i>	<i>95,508</i>
<i>All reporting economies</i>	<i>91,224</i>	<i>96,198</i>	<i>99,692</i>	<i>98,885</i>	<i>99,384</i>	<i>98,999</i>	<i>99,384</i>	<i>103,050</i>	<i>103,649</i>
<i>Advanced economies</i>	<i>69,900</i>	<i>71,135</i>	<i>70,809</i>	<i>67,942</i>	<i>66,787</i>	<i>67,041</i>	<i>66,787</i>	<i>68,994</i>	<i>69,449</i>
<i>Emerging market economies</i>	<i>21,323</i>	<i>25,063</i>	<i>28,883</i>	<i>30,943</i>	<i>32,597</i>	<i>31,958</i>	<i>32,597</i>	<i>34,056</i>	<i>34,200</i>

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	13.8	15.0	15.5	13.6	14.4	13.7	13.8	14.4	13.6	13.5
Australia	124.5	126.1	128.6	133.1	140.8	136.9	139.0	140.8	142.3	143.6
Austria	93.1	91.4	89.6	85.8	85.0	85.7	85.6	85.0	84.5	84.2
Belgium	53.6	53.0	55.4	58.8	62.1	61.2	61.6	62.1	62.5	62.7
Brazil	58.1	62.6	64.4	67.1	67.9	67.1	67.7	67.9	66.5	65.4
Canada	96.8	101.7	104.6	105.9	109.8	107.1	108.6	109.8	110.2	111.7
Chile	71.2	75.0	77.7	79.7	82.8	79.8	81.5	82.8	82.2	82.4
China	123.1	128.8	134.1	140.4	153.5	147.1	149.9	153.5	156.4	157.7
Czech Republic	48.6	49.7	51.1	49.6	50.1	50.0	50.7	50.1	50.6	51.0
Denmark	187.2	181.9	180.6	179.1	174.2	175.2	174.5	174.2	176.0	177.3
Finland	89.1	91.5	92.3	92.7	94.2	93.8	94.1	94.2	94.4	95.0
France	93.1	93.0	92.7	91.5	93.2	92.7	93.2	93.2	93.7	94.0
Germany	82.9	81.8	80.1	77.8	76.9	77.3	77.1	76.9	76.8	76.7
Greece	116.3	115.4	116.9	115.6	112.2	113.7	112.3	112.2	111.6	111.0
Hong Kong SAR	194.4	195.7	212.1	224.6	219.2	227.4	221.3	219.2	217.8	222.5
Hungary	58.2	49.8	45.3	41.9	35.0	37.7	36.8	35.0	34.7	34.1
India	54.6	55.8	56.3	55.6	56.8	56.0	55.7	56.8	57.4	56.0
Indonesia	28.2	31.7	34.5	34.9	34.9	35.1	35.3	34.9	34.3	34.8
Ireland	114.8	111.2	104.0	81.5	54.4	65.1	60.1	54.4	52.7	52.2
Israel	68.8	67.6	65.5	65.8	66.3	66.1	66.4	66.3	66.5	66.8
Italy	92.5	91.6	88.5	86.8	86.3	87.3	86.6	86.3	85.4	85.4
Japan	109.3	111.1	115.3	115.4	114.7	114.6	112.7	114.7	112.7	110.4
Korea	127.3	125.6	124.3	126.7	128.9	127.5	128.6	128.9	129.3	130.8
Luxembourg	83.9	84.5	87.8	91.3	93.5	93.7	95.7	93.5	94.3	97.3
Malaysia	118.0	124.2	129.8	130.1	134.8	132.0	133.7	134.8	134.2	134.3
Mexico	15.2	15.7	16.8	16.9	18.1	17.1	17.6	18.1	18.1	18.6
Netherlands	123.5	125.8	122.5	116.6	111.9	114.5	112.6	111.9	114.4	111.1
New Zealand	141.7	143.7	144.1	143.4	149.5	146.5	147.9	149.5	150.4	151.6
Norway	72.8	68.5	68.7	72.3	77.3	75.8	77.0	77.3	78.0	79.2
Poland	51.3	49.9	50.9	52.2	53.9	54.0	54.4	53.9	54.0	54.7
Portugal	152.0	148.9	139.9	127.4	117.5	123.2	121.0	117.5	115.7	114.5
Russia	40.4	43.2	48.0	53.7	55.4	52.0	54.4	55.4	54.7	52.9
Saudi Arabia	35.0	37.2	41.4	45.6	57.6	51.6	54.3	57.6	61.3	63.6
Singapore	101.4	109.8	119.5	122.7	122.4	122.6	121.8	122.4	123.6	124.5
South Africa	65.8	66.8	65.5	65.8	66.7	65.8	65.8	66.7	67.6	65.8

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

Table F2.3

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	159.2	148.0	135.8	124.7	114.9	120.0	116.9	114.9	112.3	111.5
Sweden	126.8	129.6	131.1	130.9	129.7	130.9	130.4	129.7	129.6	131.4
Switzerland	152.3	159.1	162.3	164.4	164.9	164.7	166.1	164.9	166.6	167.9
Thailand	103.7	108.3	113.3	116.6	118.5	116.9	117.5	118.5	117.5	117.3
Turkey	46.9	51.3	62.1	66.2	70.9	71.2	73.2	70.9	70.2	71.4
United Kingdom	101.4	97.6	93.5	90.0	89.7	88.9	89.0	89.7	90.0	90.5
United States	49.3	49.0	48.5	49.5	51.3	49.8	50.3	51.3	51.5	52.3
<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>94.6</i>	<i>93.9</i>	<i>93.1</i>	<i>92.9</i>	<i>92.7</i>
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	<i>80.4</i>	<i>83.3</i>	<i>83.9</i>	<i>80.7</i>	<i>85.9</i>	<i>83.5</i>	<i>84.3</i>	<i>85.9</i>	<i>89.5</i>	<i>89.6</i>
<i>All reporting economies</i>	<i>82.1</i>	<i>85.5</i>	<i>86.2</i>	<i>82.7</i>	<i>88.0</i>	<i>85.7</i>	<i>86.4</i>	<i>88.0</i>	<i>91.8</i>	<i>91.9</i>
<i>Advanced economies</i>	<i>84.1</i>	<i>85.3</i>	<i>84.1</i>	<i>77.2</i>	<i>79.9</i>	<i>78.0</i>	<i>79.0</i>	<i>79.9</i>	<i>82.7</i>	<i>82.4</i>
<i>Emerging market economies</i>	<i>78.3</i>	<i>85.9</i>	<i>89.9</i>	<i>92.2</i>	<i>101.8</i>	<i>98.5</i>	<i>98.7</i>	<i>101.8</i>	<i>107.3</i>	<i>108.2</i>
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	<i>79.8</i>	<i>81.4</i>	<i>83.1</i>	<i>85.0</i>	<i>89.0</i>	<i>86.7</i>	<i>87.6</i>	<i>89.0</i>	<i>89.5</i>	<i>90.0</i>
<i>All reporting economies</i>	<i>81.5</i>	<i>83.1</i>	<i>84.9</i>	<i>86.8</i>	<i>90.6</i>	<i>88.5</i>	<i>89.3</i>	<i>90.6</i>	<i>91.1</i>	<i>91.6</i>
<i>Advanced economies</i>	<i>83.8</i>	<i>82.9</i>	<i>82.0</i>	<i>81.4</i>	<i>81.7</i>	<i>81.3</i>	<i>81.2</i>	<i>81.7</i>	<i>81.7</i>	<i>81.9</i>
<i>Emerging market economies</i>	<i>79.3</i>	<i>83.3</i>	<i>87.5</i>	<i>91.5</i>	<i>98.2</i>	<i>94.7</i>	<i>96.3</i>	<i>98.2</i>	<i>99.1</i>	<i>99.8</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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	70	80	80	74	65	80	65	59	62
Australia	1,845	1,971	1,788	1,744	1,675	1,583	1,675	1,791	1,763
Austria	372	382	399	344	314	324	314	330	322
Belgium	263	271	299	286	277	281	277	294	290
Brazil	1,361	1,469	1,450	1,438	1,012	991	1,012	1,093	1,217
Canada	1,678	1,863	1,860	1,803	1,568	1,605	1,568	1,694	1,719
Chile	166	202	203	194	184	180	184	195	202
China	9,525	11,144	13,156	14,540	16,207	15,911	16,207	16,868	16,828
Czech Republic	98	106	105	94	92	94	92	98	97
Denmark	597	606	636	567	505	520	505	534	526
Finland	227	241	259	231	215	219	215	226	223
France	2,480	2,562	2,705	2,378	2,213	2,267	2,213	2,341	2,302
Germany	2,896	2,978	3,125	2,767	2,536	2,597	2,536	2,673	2,623
Greece	312	291	291	249	214	221	214	222	216
Hong Kong SAR	484	514	584	653	678	676	678	678	699
Hungary	67	65	63	52	41	44	41	43	41
India	887	986	998	1,080	1,136	1,100	1,136	1,175	1,153
Indonesia	243	283	271	297	291	273	291	306	317
Ireland	257	258	258	191	151	160	151	154	149
Israel	169	180	200	187	198	194	198	208	206
Italy	1,961	1,951	1,959	1,708	1,542	1,586	1,542	1,606	1,573
Japan	6,660	6,136	5,267	4,697	4,757	4,655	4,757	5,024	5,400
Korea	1,471	1,615	1,684	1,713	1,718	1,657	1,718	1,789	1,808
Luxembourg	47	49	56	55	52	54	52	55	56
Malaysia	339	394	403	412	363	344	363	400	396
Mexico	158	188	206	198	190	187	190	195	188
Netherlands	1,027	1,070	1,102	939	824	851	824	887	846
New Zealand	231	256	269	267	251	230	251	259	271
Norway	339	364	348	305	273	283	273	293	293
Poland	233	263	280	255	246	253	246	260	249
Portugal	347	331	328	268	230	241	230	238	232
Russia	745	945	1,036	701	604	668	604	662	672
Saudi Arabia	235	273	308	344	372	364	372	385	393
Singapore	270	325	355	360	348	344	348	370	371
South Africa	245	256	219	216	173	190	173	188	185

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

Table F2.4

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Spain	2,205	2,030	1,921	1,569	1,346	1,395	1,346	1,388	1,356
Sweden	672	735	770	667	643	639	643	677	663
Switzerland	1,003	1,084	1,158	1,069	1,070	1,100	1,070	1,121	1,110
Thailand	369	436	445	464	444	434	444	456	461
Turkey	323	408	453	496	474	457	474	500	507
United Kingdom	2,557	2,643	2,692	2,555	2,488	2,513	2,488	2,435	2,302
United States	7,657	7,917	8,096	8,602	9,252	9,006	9,252	9,357	9,559
<i>Memo:</i>									
<i>Euro area</i>	<i>13,102</i>	<i>13,119</i>	<i>13,405</i>	<i>11,708</i>	<i>10,591</i>	<i>10,904</i>	<i>10,591</i>	<i>11,137</i>	<i>10,900</i>
<i>G20</i>	<i>48,763</i>	<i>51,297</i>	<i>52,968</i>	<i>52,206</i>	<i>52,574</i>	<i>52,143</i>	<i>52,574</i>	<i>54,656</i>	<i>54,974</i>
<i>All reporting economies</i>	<i>53,801</i>	<i>56,827</i>	<i>58,787</i>	<i>57,752</i>	<i>57,910</i>	<i>57,478</i>	<i>57,910</i>	<i>60,249</i>	<i>60,558</i>
<i>Advanced economies</i>	<i>36,343</i>	<i>36,694</i>	<i>36,289</i>	<i>33,985</i>	<i>33,073</i>	<i>33,037</i>	<i>33,073</i>	<i>34,322</i>	<i>34,505</i>
<i>Emerging market economies</i>	<i>17,458</i>	<i>20,133</i>	<i>22,498</i>	<i>23,767</i>	<i>24,837</i>	<i>24,441</i>	<i>24,837</i>	<i>25,927</i>	<i>26,053</i>

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	5.4	5.9	6.2	5.7	6.5	5.8	6.0	6.5	6.1	6.0
Australia	109.5	108.5	111.5	115.4	121.0	119.2	120.0	121.0	121.9	123.0
Austria	53.3	52.2	51.3	50.8	51.1	51.5	51.2	51.1	50.8	50.8
Belgium	54.1	55.2	56.3	58.2	59.2	58.6	58.8	59.2	59.5	59.7
Brazil	20.8	22.2	23.1	24.7	25.5	25.1	25.3	25.5	25.5	25.3
Canada	91.6	93.0	93.3	93.6	97.8	95.1	96.7	97.8	98.0	99.8
Chile	33.3	34.8	36.3	38.2	40.2	38.8	39.3	40.2	40.4	40.8
China	27.7	29.7	33.1	35.7	39.1	37.4	38.4	39.1	40.2	41.8
Czech Republic	29.7	30.7	31.5	30.3	30.4	30.1	30.2	30.4	30.3	30.7
Denmark	135.8	133.5	128.3	126.5	122.6	123.2	123.0	122.6	123.2	123.6
Finland	61.3	63.6	64.0	65.5	66.8	66.2	66.7	66.8	66.6	66.9
France	54.8	55.2	55.6	56.0	56.6	56.1	56.5	56.6	56.5	56.7
Germany	57.0	56.3	55.3	54.2	53.6	53.7	53.7	53.6	53.3	53.4
Greece	63.7	64.6	65.1	63.5	62.6	63.1	62.8	62.6	62.0	61.5
Hong Kong SAR	59.1	61.3	62.7	65.6	67.1	66.5	67.0	67.1	66.6	66.4
Hungary	37.6	31.7	28.1	25.6	21.5	23.0	22.3	21.5	21.1	20.7
India	8.8	8.9	9.1	9.4	10.0	9.5	9.7	10.0	10.3	10.3
Indonesia	15.2	16.4	17.0	17.1	16.8	17.0	16.8	16.8	16.8	16.8
Ireland	105.2	98.8	93.2	82.4	58.5	68.1	63.4	58.5	57.9	57.7
Israel	39.6	39.5	39.7	40.3	40.8	40.3	40.7	40.8	40.9	41.3
Italy	43.8	44.0	43.5	42.7	42.2	42.5	42.3	42.2	41.9	41.8
Japan	66.1	65.5	66.0	65.8	65.6	65.7	65.5	65.6	65.8	65.9
Korea	79.7	80.8	82.3	84.2	88.4	85.7	87.0	88.4	88.8	90.0
Luxembourg	54.1	56.3	56.1	56.8	58.6	57.0	59.1	58.6	58.8	59.5
Malaysia	60.6	63.7	68.1	68.9	71.0	70.1	70.4	71.0	70.7	70.7
Mexico	13.7	14.1	14.7	14.8	15.5	15.1	15.4	15.5	16.1	16.3
Netherlands	118.4	118.5	114.7	113.0	111.9	112.3	112.2	111.9	111.4	111.3
New Zealand	87.4	88.2	89.1	88.7	92.3	90.5	91.2	92.3	92.9	94.0
Norway	81.6	83.0	85.7	89.3	95.3	92.4	93.8	95.3	96.6	98.9
Poland	35.2	34.1	35.1	35.6	36.3	36.8	36.6	36.3	36.2	36.8
Portugal	90.5	90.7	86.3	82.3	77.5	79.8	78.7	77.5	76.4	75.7
Russia	11.5	13.9	17.0	18.1	16.2	16.9	16.8	16.2	16.1	16.0
Saudi Arabia	9.3	9.8	10.6	11.4	13.9	12.5	13.1	13.9	14.9	15.3
Singapore	51.8	57.1	59.9	60.9	60.3	60.0	60.0	60.3	60.2	61.1
South Africa	38.9	39.8	38.5	37.2	36.6	36.6	36.5	36.6	36.6	35.3

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

Table F3.1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	81.8	80.6	77.1	72.8	67.8	70.9	68.9	67.8	66.7	66.7
Sweden	78.1	80.5	82.3	83.2	84.0	83.6	83.8	84.0	84.1	84.9
Switzerland	114.4	117.9	119.7	122.4	125.4	123.9	125.5	125.4	126.7	127.7
Thailand	58.7	62.8	66.4	69.5	71.6	70.4	70.8	71.6	71.3	71.2
Turkey	18.4	20.1	22.6	21.8	21.4	22.0	21.7	21.4	21.0	21.1
United Kingdom	91.3	90.1	87.7	85.9	86.9	85.8	86.2	86.9	87.3	87.6
United States	85.8	82.7	80.9	79.8	78.8	78.8	78.7	78.8	78.4	78.8
<i>Memo:</i>										
<i>Euro area</i>	62.8	62.4	61.3	60.3	59.3	59.7	59.5	59.3	58.9	58.9
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	58.3	58.8	58.3	55.7	58.3	56.9	57.5	58.3	60.1	60.5
<i>All reporting economies</i>	58.9	59.9	59.4	56.6	59.3	57.9	58.5	59.3	61.3	61.6
<i>Advanced economies</i>	76.2	77.3	76.5	72.0	74.9	73.3	74.2	74.9	76.7	76.4
<i>Emerging market economies</i>	25.3	28.2	29.9	30.4	32.8	32.0	31.9	32.8	34.9	35.9
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	50.0	49.5	49.5	49.5	50.0	49.5	49.8	50.0	50.0	50.6
<i>All reporting economies</i>	50.8	50.4	50.5	50.6	51.2	50.7	51.0	51.2	51.3	51.8
<i>Advanced economies</i>	77.8	76.5	75.5	74.9	74.6	74.5	74.5	74.6	74.5	74.8
<i>Emerging market economies</i>	24.7	26.1	28.1	29.4	31.1	30.1	30.7	31.1	31.4	32.2

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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	27	32	32	31	29	35	29	27	28
Australia	1,622	1,696	1,550	1,511	1,439	1,366	1,439	1,534	1,509
Austria	213	218	228	204	189	194	189	198	195
Belgium	266	282	304	283	265	269	265	279	275
Brazil	486	521	521	529	381	370	381	419	472
Canada	1,588	1,702	1,659	1,594	1,397	1,429	1,397	1,506	1,535
Chile	78	94	95	93	89	87	89	96	100
China	2,144	2,571	3,252	3,693	4,122	4,073	4,122	4,332	4,463
Czech Republic	60	65	65	57	56	56	56	59	58
Denmark	433	445	451	401	355	366	355	374	367
Finland	156	168	179	163	152	155	152	160	157
France	1,460	1,521	1,624	1,455	1,345	1,373	1,345	1,410	1,388
Germany	1,991	2,049	2,158	1,926	1,767	1,808	1,767	1,855	1,826
Greece	171	163	162	137	119	124	119	123	119
Hong Kong SAR	147	161	173	191	208	205	208	207	208
Hungary	44	41	39	32	25	27	25	26	25
India	143	157	161	182	201	192	201	210	213
Indonesia	131	147	134	145	140	130	140	150	153
Ireland	235	229	231	193	163	169	163	169	165
Israel	97	105	121	114	122	119	122	128	128
Italy	928	936	962	841	754	775	754	788	770
Japan	4,030	3,619	3,013	2,677	2,720	2,706	2,720	2,935	3,222
Korea	921	1,039	1,115	1,139	1,179	1,122	1,179	1,228	1,243
Luxembourg	30	33	36	34	33	34	33	34	34
Malaysia	174	202	211	218	191	181	191	211	209
Mexico	142	169	181	174	163	164	163	173	165
Netherlands	985	1,008	1,033	910	825	847	825	864	847
New Zealand	143	157	166	165	155	142	155	160	168
Norway	380	442	434	376	337	345	337	363	366
Poland	160	180	193	174	166	170	166	174	167
Portugal	206	201	203	173	151	157	151	157	153
Russia	213	305	367	236	176	206	176	195	204
Saudi Arabia	62	72	79	86	90	88	90	93	94
Singapore	138	169	178	179	171	170	171	180	182
South Africa	145	152	129	122	95	105	95	102	99

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

Table F3.2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Spain	1,132	1,106	1,091	916	794	823	794	823	811
Sweden	414	456	483	424	416	410	416	439	428
Switzerland	753	803	854	796	813	832	813	852	844
Thailand	209	253	261	277	268	261	268	276	280
Turkey	127	160	165	164	143	136	143	149	150
United Kingdom	2,303	2,440	2,524	2,440	2,410	2,433	2,410	2,362	2,229
United States	13,314	13,366	13,510	13,880	14,220	14,083	14,220	14,233	14,395
<i>Memo:</i>									
<i>Euro area</i>	7,960	8,102	8,402	7,429	6,745	6,914	6,745	7,054	6,929
<i>G20</i>	35,358	36,251	36,793	36,031	35,648	35,553	35,648	36,701	37,103
<i>All reporting economies</i>	38,588	39,824	40,518	39,528	39,021	38,924	39,021	40,248	40,633
<i>Advanced economies</i>	32,940	33,229	33,047	31,693	31,007	31,028	31,007	31,812	31,993
<i>Emerging market economies</i>	5,648	6,596	7,471	7,835	8,014	7,896	8,014	8,436	8,640

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	13.0	13.4	13.8	11.6	12.7	11.5	11.4	12.7	12.6	12.3
Australia	69.3	71.3	75.4	78.3	82.4	81.0	82.9	82.4	83.0	83.2
Austria	92.6	93.7	96.1	92.6	92.8	92.9	93.1	92.8	92.3	92.0
Belgium	143.0	147.8	149.0	154.1	159.4	157.3	160.0	159.4	171.4	171.5
Brazil	40.7	43.9	45.9	47.1	50.1	47.6	49.8	50.1	46.9	44.8
Canada	90.3	95.8	100.6	104.5	114.6	110.8	112.7	114.6	113.9	115.4
Chile	80.9	86.5	92.9	102.8	111.1	103.4	112.4	111.1	108.8	107.3
China	119.9	130.6	140.7	150.0	163.6	156.0	159.0	163.6	167.0	167.6
Czech Republic	56.4	57.3	61.1	64.5	58.6	61.0	59.7	58.6	58.5	58.9
Denmark	122.5	117.9	113.0	117.5	112.9	113.3	114.5	112.9	112.0	111.5
Finland	107.8	109.0	113.1	112.2	115.9	114.8	115.4	115.9	115.4	112.5
France	116.8	120.6	118.8	125.8	126.6	126.9	126.3	126.6	126.3	127.8
Germany	52.6	53.3	54.8	52.4	52.3	53.4	52.9	52.3	53.4	53.3
Greece	66.5	66.9	64.2	65.1	64.1	64.6	64.0	64.1	64.1	63.7
Hong Kong SAR	175.5	173.1	195.2	214.1	228.3	221.6	215.1	228.3	227.2	232.7
Hungary	92.4	87.3	83.4	82.3	77.7	80.6	77.4	77.7	76.4	76.9
India	50.1	51.5	51.9	50.3	51.0	50.6	50.1	51.0	51.2	49.7
Indonesia	14.9	18.2	21.8	22.6	23.9	23.0	23.7	23.9	22.9	23.1
Ireland	216.7	215.0	201.4	218.9	267.3	297.3	278.1	267.3	257.9	263.8
Israel	81.5	79.0	74.0	72.0	70.2	70.1	70.2	70.2	69.6	70.4
Italy	79.3	83.4	81.4	80.7	77.9	79.7	78.7	77.9	76.5	76.9
Japan	106.1	104.0	103.5	102.8	100.2	100.1	99.6	100.2	99.5	98.7
Korea	98.4	100.1	103.0	105.6	106.0	106.5	107.1	106.0	105.9	105.7
Luxembourg	342.3	358.2	338.6	344.7	366.8	356.8	362.1	366.8	367.1	362.9
Malaysia	61.3	60.4	62.4	64.0	67.9	66.6	68.2	67.9	66.4	65.9
Mexico	18.4	18.4	20.8	22.3	24.8	23.0	24.3	24.8	24.9	25.8
Netherlands	126.9	125.2	124.1	125.0	124.3	130.6	128.0	124.3	124.3	123.5
New Zealand	85.4	86.1	83.8	83.0	83.3	83.1	83.3	83.3	82.4	82.2
Norway	137.1	137.2	135.1	139.0	141.3	142.0	141.9	141.3	142.9	144.4
Poland	41.5	42.5	43.7	46.2	47.2	46.9	47.7	47.2	47.8	48.2
Portugal	129.5	141.0	134.3	125.9	118.5	121.9	119.3	118.5	117.3	116.3
Russia	41.7	40.5	44.4	53.0	57.1	51.9	55.2	57.1	56.3	54.0
Saudi Arabia	29.7	28.7	33.2	36.9	48.7	42.3	44.7	48.7	50.9	53.9
Singapore	61.8	67.1	77.3	82.6	87.7	83.2	84.4	87.7	88.1	89.1
South Africa	29.0	30.3	31.5	32.6	37.0	34.4	34.9	37.0	37.9	37.5

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

Table F4.1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	132.3	126.0	120.0	112.6	105.3	109.2	107.5	105.3	102.6	102.3
Sweden	148.6	148.0	148.7	149.6	150.9	152.3	151.3	150.9	144.3	146.1
Switzerland	85.7	89.9	87.5	85.2	84.5	84.9	85.4	84.5	85.4	86.0
Thailand	47.5	46.6	50.6	51.2	51.9	51.4	51.9	51.9	50.8	50.5
Turkey	37.5	38.3	47.1	52.3	57.0	57.0	58.5	57.0	56.6	58.5
United Kingdom	85.5	87.6	82.1	76.3	73.0	73.1	73.6	73.0	71.9	75.1
United States	66.3	66.9	67.7	68.9	70.9	70.2	70.5	70.9	72.0	72.4
<i>Memo:</i>										
<i>Euro area</i>	102.1	103.2	100.7	103.0	104.9	106.6	105.8	104.9	105.0	105.3
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	79.7	83.9	86.1	84.7	91.4	88.6	90.0	91.4	95.3	95.2
<i>All reporting economies</i>	80.3	84.8	86.8	85.0	91.7	89.0	90.3	91.7	95.6	95.6
<i>Advanced economies</i>	85.5	88.1	87.5	82.3	86.4	84.8	86.2	86.4	89.6	89.5
<i>Emerging market economies</i>	70.1	78.7	85.6	89.7	100.8	96.1	97.2	100.8	106.0	106.2
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	78.5	81.4	84.3	87.7	92.6	90.2	91.3	92.6	93.4	93.8
<i>All reporting economies</i>	78.7	81.4	84.3	87.7	92.3	90.0	91.1	92.3	93.1	93.4
<i>Advanced economies</i>	86.6	87.2	86.4	87.4	88.7	88.8	88.8	88.7	89.1	89.5
<i>Emerging market economies</i>	71.1	76.0	82.3	87.9	95.5	91.0	93.0	95.5	96.4	96.8

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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	66	72	71	63	57	66	57	55	57
Australia	1,027	1,114	1,048	1,026	980	944	980	1,044	1,021
Austria	370	392	428	372	343	352	343	360	352
Belgium	701	756	805	750	712	730	712	805	791
Brazil	953	1,029	1,033	1,010	746	729	746	771	834
Canada	1,565	1,754	1,789	1,780	1,637	1,666	1,637	1,751	1,775
Chile	189	233	243	250	247	248	247	259	263
China	9,277	11,300	13,802	15,532	17,271	16,871	17,271	18,019	17,882
Czech Republic	114	122	126	122	108	111	108	113	112
Denmark	391	393	398	372	327	341	327	340	331
Finland	275	287	317	280	264	269	264	276	264
France	3,112	3,322	3,467	3,270	3,007	3,070	3,007	3,155	3,129
Germany	1,836	1,939	2,138	1,863	1,725	1,781	1,725	1,857	1,823
Greece	178	169	160	141	122	126	122	128	124
Hong Kong SAR	437	455	538	623	706	657	706	708	731
Hungary	107	113	117	102	91	93	91	95	93
India	814	911	919	977	1,019	991	1,019	1,049	1,023
Indonesia	129	162	171	193	200	183	200	204	211
Ireland	485	498	500	513	744	741	744	753	753
Israel	199	210	226	205	209	206	209	217	218
Italy	1,681	1,774	1,801	1,588	1,393	1,442	1,393	1,438	1,416
Japan	6,463	5,742	4,727	4,182	4,154	4,114	4,154	4,434	4,826
Korea	1,136	1,287	1,395	1,428	1,412	1,380	1,412	1,465	1,461
Luxembourg	190	207	216	206	204	206	204	215	208
Malaysia	176	192	193	203	183	175	183	198	194
Mexico	192	220	256	262	260	258	260	268	260
Netherlands	1,055	1,066	1,117	1,006	916	967	916	964	940
New Zealand	139	153	156	155	140	130	140	142	147
Norway	638	730	684	586	500	523	500	537	534
Poland	189	224	240	225	215	222	215	231	219
Portugal	295	313	315	265	232	238	232	242	235
Russia	770	886	958	692	622	677	622	682	686
Saudi Arabia	199	211	247	278	314	299	314	319	333
Singapore	165	199	230	242	249	238	249	263	265
South Africa	108	116	106	107	96	101	96	105	105

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

Table F4.2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Spain	1,832	1,728	1,698	1,418	1,233	1,282	1,233	1,268	1,244
Sweden	788	839	873	763	748	742	748	754	737
Switzerland	564	613	624	554	548	566	548	574	569
Thailand	169	188	199	204	195	191	195	197	199
Turkey	257	304	344	392	382	366	382	403	415
United Kingdom	2,157	2,373	2,364	2,167	2,024	2,077	2,024	1,946	1,910
United States	10,287	10,806	11,293	11,982	12,787	12,621	12,787	13,072	13,225
<i>Memo:</i>									
<i>Euro area</i>	<i>12,941</i>	<i>13,389</i>	<i>13,805</i>	<i>12,683</i>	<i>11,935</i>	<i>12,290</i>	<i>11,935</i>	<i>12,588</i>	<i>12,381</i>
<i>G20</i>	<i>48,342</i>	<i>51,676</i>	<i>54,327</i>	<i>54,752</i>	<i>55,897</i>	<i>55,634</i>	<i>55,897</i>	<i>58,174</i>	<i>58,405</i>
<i>All reporting economies</i>	<i>52,607</i>	<i>56,339</i>	<i>59,174</i>	<i>59,357</i>	<i>60,363</i>	<i>60,075</i>	<i>60,363</i>	<i>62,802</i>	<i>63,016</i>
<i>Advanced economies</i>	<i>36,960</i>	<i>37,906</i>	<i>37,762</i>	<i>36,249</i>	<i>35,780</i>	<i>36,013</i>	<i>35,780</i>	<i>37,182</i>	<i>37,456</i>
<i>Emerging market economies</i>	<i>15,646</i>	<i>18,433</i>	<i>21,412</i>	<i>23,108</i>	<i>24,583</i>	<i>24,062</i>	<i>24,583</i>	<i>25,620</i>	<i>25,560</i>

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	Q3 15	Q4 15	Q1 16	Q2 16	<i>Memo: Govt broad debt estimates for end-2015¹</i>
Australia	24.5	28.4	30.2	34.7	37.2	37.7	37.2	38.9	39.3	69.3
Austria	88.5	93.0	89.4	97.5	96.8	98.1	96.8	99.9	101.7	104.7
Belgium	106.3	116.1	114.6	125.9	122.9	125.8	122.9	128.7	130.9	126.5
Canada	74.8	77.2	73.1	74.9	77.6	76.5	77.6	77.7	79.5	121.3
Chile	13.5	13.9	14.6	18.0	19.9	19.3	19.9	20.6	22.1	24.7
Czech Republic	42.1	49.4	49.2	48.2	45.5	45.9	45.5	45.5	44.5	53.9
Denmark	52.9	53.4	49.5	52.0	46.5	49.0	46.5	47.6	49.4	54.2
Finland	52.1	58.7	59.1	66.3	69.0	66.8	69.0	70.3	68.4	74.9
France	90.7	99.8	99.7	108.7	109.0	110.4	109.0	113.3	115.5	121.1
Germany	84.3	86.8	81.8	82.2	77.9	78.7	77.9	78.9	78.8	78.0
Greece	98.9	152.4	169.7	171.0	171.4	165.3	171.4	170.6	174.8	181.0
Hungary	78.2	81.5	80.1	83.9	83.7	86.9	83.7	86.0	83.5	97.0
Ireland	105.1	124.4	128.6	118.6	88.2	95.9	88.2	90.6	88.1	91.6
Israel	72.8	74.0	72.1	72.6	70.9	70.4	70.9	71.2	71.6	
Italy	112.3	130.7	138.6	151.1	153.2	153.8	153.2	157.3	157.4	157.7
Japan	197.7	204.7	213.2	222.3	220.6	219.3	220.6	227.0	232.8	227.0
Korea	30.6	33.4	35.2	38.2	40.2	41.7	40.2	42.3	42.7	46.2
Luxembourg	19.5	22.9	23.9	24.6	23.9	24.0	23.9	24.5	24.2	31.4
Netherlands	67.6	73.6	72.3	76.9	73.2	73.9	73.2	74.1	74.5	77.9
Norway	28.9	30.1	30.6	28.2	33.2	32.3	33.2	34.1	36.7	38.8
Poland	54.4	54.0	55.9	50.4	51.4	51.8	51.4	52.1	53.9	66.5
Portugal	96.4	126.2	130.7	141.1	140.5	143.3	140.5	138.8	140.6	149.6
Spain	69.4	86.1	99.9	113.3	111.6	111.6	111.6	113.9	115.0	116.8
Sweden	40.8	40.4	42.3	48.5	46.6	47.0	46.6	46.0	46.8	61.7
Switzerland	33.5	34.5	33.2	33.2	33.1	33.1	33.1	33.3	33.3	45.4
Turkey	39.5	39.6	36.4	35.8	29.1	33.0	29.1	28.6	28.6	32.8
United Kingdom	95.8	98.2	94.5	105.6	104.9	106.0	104.9	107.6	115.5	112.1
United States	99.7	102.4	99.0	101.2	100.0	97.8	100.0	102.9	103.5	128.6
Euro area	87.7	98.2	99.5	106.0	103.8	104.8	103.8	106.2	107.0	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	Q3 15	Q4 15	Q1 16	Q2 16
<i>Aggregates based on conversion to US dollars at market exchange rates</i>									
G20	81.5	85.4	83.1	82.3	85.7	84.4	85.7	91.1	93.4
All reporting economies	78.4	82.5	80.3	79.3	82.7	81.4	82.7	88.0	90.1
Advanced economies	100.6	106.9	104.7	102.7	106.8	105.4	106.8	113.1	115.5
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>									
G20	71.1	73.8	73.7	76.6	77.2	76.5	77.2	78.7	79.8
All reporting economies	69.1	71.7	71.7	74.3	75.0	74.3	75.0	76.4	77.5
Advanced economies	101.4	107.1	106.8	111.4	109.9	109.2	109.9	112.9	114.6

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	Q3 15	Q4 15	Q1 16	Q2 16
Australia	363	444	420	455	443	429	443	490	482
Austria	353	389	398	391	358	371	358	389	389
Belgium	521	594	619	612	549	574	549	604	604
Canada	1,296	1,413	1,301	1,275	1,109	1,130	1,109	1,195	1,224
Chile	31	38	38	44	44	43	44	49	54
Czech Republic	85	105	101	91	83	85	83	88	85
Denmark	169	178	174	165	135	146	135	144	146
Finland	133	155	166	165	157	156	157	168	161
France	2,416	2,748	2,909	2,825	2,588	2,683	2,588	2,830	2,828
Germany	2,943	3,160	3,192	2,921	2,571	2,650	2,571	2,744	2,697
Greece	265	385	422	369	327	325	327	340	339
Hungary	91	105	112	105	98	104	98	106	101
Ireland	235	288	319	278	245	255	245	265	251
Israel	178	197	220	206	212	206	212	222	221
Italy	2,379	2,781	3,067	2,973	2,737	2,818	2,737	2,956	2,900
Japan	12,046	11,305	9,736	9,044	9,151	9,056	9,151	10,118	11,385
Korea	354	429	477	517	536	537	536	585	590
Luxembourg	11	13	15	15	13	14	13	14	14
Netherlands	562	626	651	619	539	558	539	575	567
Norway	135	160	155	119	117	119	117	128	136
Poland	247	285	307	246	235	241	235	251	245
Portugal	220	280	307	296	275	285	275	286	284
Spain	961	1,182	1,413	1,426	1,307	1,332	1,307	1,407	1,398
Sweden	216	229	248	247	231	230	231	240	236
Switzerland	221	235	237	216	215	219	215	224	220
Turkey	272	315	266	268	194	206	194	203	203
United Kingdom	2,417	2,659	2,719	3,000	2,908	2,991	2,908	2,911	2,938
United States	15,464	16,548	16,518	17,601	18,039	17,512	18,039	18,686	18,918
<i>Memo:</i>									
<i>Euro area</i>	11,114	12,739	13,640	13,049	11,811	12,169	11,811	12,730	12,583
<i>G20</i>	49,435	52,626	52,484	53,222	52,440	52,157	52,440	55,632	57,286
<i>All reporting economies</i>	51,380	54,825	54,742	55,317	54,447	54,160	54,447	57,766	59,420
<i>Advanced economies</i>	43,494	45,975	45,211	45,236	44,214	44,052	44,214	46,922	48,327

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	35.4	36.8	39.5	41.4	49.6	40.1	41.2	49.6	57.2	55.9
Australia	21.8	24.9	27.7	31.1	33.8	32.4	33.4	33.8	34.5	34.8
Austria	82.5	82.0	81.3	84.4	85.6	86.3	86.5	85.6	86.6	86.7
Belgium	102.3	104.1	105.4	106.5	105.8	109.1	108.7	105.8	109.1	109.5
Brazil	60.7	61.7	59.8	62.6	72.9	66.8	70.8	72.9	73.7	74.5
Canada	67.2	69.4	69.1	68.1	70.8	68.6	70.1	70.8	71.0	71.7
China	33.0	34.1	37.1	40.2	43.7	41.9	42.8	43.7	44.6	45.6
Czech Republic	39.9	44.5	44.9	42.2	40.3	41.1	40.6	40.3	40.3	39.8
Denmark	46.4	45.2	44.7	44.8	40.4	42.5	41.7	40.4	39.8	40.2
Finland	48.5	53.9	56.5	60.2	63.6	62.9	61.4	63.6	64.2	61.6
France	85.2	89.5	92.3	95.2	96.2	97.5	97.0	96.2	97.5	98.4
Germany	78.8	79.9	77.3	74.7	71.2	72.5	72.0	71.2	70.9	70.4
Greece	172.0	159.5	177.6	179.8	177.7	170.1	172.6	177.7	176.8	180.3
Hong Kong SAR	2.0	3.0	3.8	4.7	4.7	4.4	4.9	4.7	4.8	4.7
Hungary	80.7	78.2	76.6	75.7	74.8	78.2	77.5	74.8	76.6	75.0
India	66.1	66.4	66.6	67.0	68.7	67.8	68.5	68.7	68.6	68.6
Indonesia	23.1	22.9	24.8	24.7	27.5	26.0	27.3	27.5	27.4	28.0
Ireland	109.7	119.6	119.6	105.4	78.7	90.5	85.5	78.7	80.6	77.8
Israel	68.9	68.5	67.1	66.2	63.9	64.5	64.6	63.9	63.6	63.7
Italy	116.5	123.3	129.0	131.8	132.4	135.5	134.1	132.4	135.1	135.6
Japan	194.0	200.9	207.9	212.4	211.5	213.5	211.4	211.5	211.4	213.1
Luxembourg	18.8	21.8	23.5	22.8	22.1	22.1	22.1	22.1	22.4	22.0
Malaysia	50.0	51.7	53.0	52.7	54.5	55.6	54.6	54.5	53.5	55.3
Mexico	27.9	28.5	31.1	33.1	35.6	33.8	34.8	35.6	36.5	36.0
Netherlands	61.7	66.4	67.7	67.9	65.1	66.9	66.2	65.1	64.8	63.7
New Zealand	33.5	36.5	34.6	34.6	33.4	33.0	32.6	33.4	32.4	33.2
Norway	27.5	29.2	29.7	27.5	32.0	29.4	31.1	32.0	32.8	35.3
Poland	54.2	53.7	55.8	50.3	51.5	51.1	51.8	51.5	52.1	53.8
Portugal	111.4	126.2	129.0	130.6	129.0	129.1	130.7	129.0	128.9	131.6
Russia	11.3	12.1	13.5	16.3	16.9	15.5	15.9	16.9	16.4	16.2
Saudi Arabia	5.4	3.0	2.2	1.6	5.9	3.5	4.7	5.9	8.7	11.6
Singapore	102.2	106.5	103.9	99.8	104.7	102.4	102.4	104.7	108.4	110.0
South Africa	40.5	43.4	46.2	49.2	51.9	49.3	50.8	51.9	51.8	52.9
Spain	69.5	85.7	95.4	100.4	99.8	100.3	100.2	99.8	101.0	101.0
Sweden	37.6	37.7	40.4	45.2	43.9	44.6	43.7	43.9	42.7	43.2

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

Table F5.3

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Switzerland	33.2	34.2	34.2	34.7	34.1	34.3	34.2	34.1	34.0	33.8
Thailand	27.3	28.5	29.7	30.1	32.6	30.6	31.0	32.6	32.5	31.6
Turkey	39.1	36.1	36.1	33.5	33.0	33.7	34.7	33.0	32.4	32.4
United Kingdom	81.6	85.1	86.2	88.1	89.1	88.6	88.3	89.1	87.8	89.2
United States	91.6	95.0	96.9	96.8	97.2	94.5	93.8	97.2	97.8	97.2
<i>Memo:</i>										
<i>Euro area</i>	86.1	89.5	91.3	92.0	90.4	92.1	91.4	90.4	91.3	91.4
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	77.8	80.4	79.9	76.8	80.9	78.1	79.1	80.9	84.4	85.6
<i>All reporting economies</i>	74.9	77.7	77.2	74.0	78.1	75.4	76.4	78.1	81.6	82.8
<i>Advanced economies</i>	95.4	99.6	99.9	94.6	99.5	96.0	97.5	99.5	103.1	103.9
<i>Emerging market economies</i>	35.3	37.5	38.0	38.9	41.9	41.0	40.7	41.9	44.8	46.0
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	68.3	69.9	71.3	72.2	73.5	72.2	72.5	73.5	73.7	74.1
<i>All reporting economies</i>	66.4	68.0	69.3	70.1	71.4	70.2	70.4	71.4	71.7	72.1
<i>Advanced economies</i>	96.0	99.6	102.0	102.6	102.2	101.7	101.0	102.2	102.8	102.8
<i>Emerging market economies</i>	37.8	38.4	40.0	41.8	45.0	43.0	44.1	45.0	45.1	46.0

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	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	179	197	203	224	224	240	224	248	258
Australia	323	390	386	408	402	381	402	435	427
Austria	330	343	362	339	317	327	317	337	332
Belgium	502	532	570	518	473	496	473	512	506
Brazil	1,421	1,448	1,345	1,342	1,086	1,037	1,086	1,212	1,386
Canada	1,164	1,270	1,229	1,160	1,011	1,036	1,011	1,092	1,104
China	2,550	2,954	3,641	4,162	4,608	4,542	4,608	4,815	4,861
Czech Republic	81	95	93	80	74	75	74	78	76
Denmark	148	150	157	142	117	124	117	121	119
Finland	124	142	158	150	145	143	145	154	145
France	2,269	2,465	2,693	2,475	2,284	2,357	2,284	2,436	2,410
Germany	2,753	2,909	3,019	2,657	2,349	2,423	2,349	2,467	2,407
Greece	461	403	442	388	339	340	339	352	350
Hong Kong SAR	5	8	11	14	15	15	15	15	15
Hungary	93	101	107	94	88	93	88	95	91
India	1,073	1,174	1,180	1,301	1,373	1,353	1,373	1,405	1,412
Indonesia	199	205	195	210	229	211	229	244	255
Ireland	245	277	297	247	219	228	219	235	222
Israel	169	182	205	188	191	189	191	199	197
Italy	2,468	2,626	2,855	2,595	2,365	2,457	2,365	2,539	2,499
Japan	11,818	11,096	9,495	8,644	8,772	8,729	8,772	9,424	10,421
Luxembourg	10	13	15	14	12	13	12	13	13
Malaysia	144	164	165	167	147	140	147	160	163
Mexico	291	342	382	388	374	370	374	394	364
Netherlands	513	565	610	547	480	500	480	503	485
New Zealand	55	65	65	64	56	51	56	56	59
Norway	128	155	151	116	113	114	113	123	130
Poland	246	283	306	245	235	240	235	251	245
Portugal	254	280	303	274	252	260	252	266	266
Russia	209	266	291	213	184	196	184	198	206
Saudi Arabia	36	22	16	12	38	31	38	55	72
Singapore	272	315	309	293	298	289	298	324	328
South Africa	151	166	155	162	135	147	135	144	149
Spain	962	1,175	1,349	1,264	1,168	1,196	1,168	1,248	1,229
Sweden	199	214	237	230	218	214	218	223	218

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

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16
Switzerland	218	233	244	226	221	226	221	228	224
Thailand	97	115	117	120	122	114	122	126	124
Turkey	269	287	264	251	220	217	220	230	230
United Kingdom	2,058	2,304	2,481	2,501	2,471	2,491	2,471	2,376	2,270
United States	14,221	15,351	16,171	16,835	17,525	16,790	17,525	17,764	17,770
<i>Memo:</i>									
<i>Euro area</i>	10,914	11,609	12,512	11,323	10,288	10,620	10,288	10,941	10,746
<i>G20</i>	47,232	49,509	50,423	49,650	49,475	48,928	49,475	51,561	52,523
<i>All reporting economies</i>	49,120	51,628	52,627	51,672	51,412	50,857	51,412	53,609	54,566
<i>Advanced economies</i>	41,248	42,837	43,128	41,648	41,193	40,777	41,193	42,783	43,490
<i>Emerging market economies</i>	7,871	8,791	9,499	10,024	10,219	10,080	10,219	10,826	11,076

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Australia	21.4	20.7	20.3	20.3	20.8	20.7	20.9	21.1	21.2	21.1
Belgium	19.8	20.5	20.4	20.8	21.6	21.5	21.7	21.5	22.6	22.3
<i>Brazil</i>	<i>16.3</i>	<i>15.8</i>	<i>15.1</i>	<i>16.9</i>	<i>20.6</i>	<i>19.6</i>	<i>21.5</i>	<i>22.5</i>	<i>22.6</i>	<i>22.3</i>
Canada	20.5	21.1	21.5	22.2	23.3	22.9	23.4	23.9	23.8	24.0
<i>China</i>	<i>16.1</i>	<i>16.8</i>	<i>18.2</i>	<i>19.3</i>	<i>19.3</i>	<i>19.2</i>	<i>19.2</i>	<i>19.4</i>	<i>19.9</i>	<i>20.1</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>7.5</i>	<i>7.4</i>	<i>7.3</i>	<i>7.3</i>	<i>7.3</i>
Denmark	27.7	27.0	25.8	24.1	22.8	22.7	22.6	22.2	22.4	22.8
Finland	16.8	17.1	17.3	16.8	16.7	16.6	16.7	16.9	17.0	16.5
France	16.6	17.4	17.4	17.8	17.6	17.6	17.4	17.4	17.2	17.2
Germany	10.4	10.0	10.2	10.0	9.8	9.8	9.8	9.6	9.7	9.6
<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>24.5</i>	<i>23.9</i>	<i>25.1</i>	<i>25.0</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>10.4</i>	<i>9.8</i>	<i>9.6</i>	<i>9.3</i>	<i>9.2</i>
<i>India</i>	<i>7.9</i>	<i>8.6</i>	<i>8.8</i>	<i>8.7</i>	<i>8.5</i>	<i>8.5</i>	<i>8.4</i>	<i>8.4</i>	<i>8.5</i>	<i>8.2</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>4.5</i>	<i>4.6</i>	<i>4.7</i>	<i>4.5</i>	<i>4.5</i>
Italy	13.2	13.4	13.0	12.5	11.9	11.9	11.8	11.7	11.5	11.2
Japan	15.1	14.8	14.6	14.8	14.7	14.7	14.6	14.7	14.6	14.5
Korea	20.5	20.7	20.6	20.1	19.7	19.7	19.6	19.5	19.5	19.5
<i>Malaysia</i>	<i>11.2</i>	<i>11.6</i>	<i>12.1</i>	<i>12.4</i>	<i>13.4</i>	<i>13.3</i>	<i>13.5</i>	<i>13.6</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>3.8</i>	<i>4.0</i>	<i>4.0</i>	<i>4.1</i>	<i>4.3</i>
Netherlands	25.5	26.0	25.5	25.6	26.2	26.4	26.0	25.5	25.5	25.4
Norway	29.0	28.9	27.7	26.0	24.9	25.1	24.7	24.5	24.8	25.0
<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>7.7</i>	<i>7.6</i>	<i>7.6</i>	<i>7.6</i>
Portugal	21.0	21.8	20.8	19.5	18.5	18.6	18.3	18.1	17.9	17.7
<i>Russia</i>	<i>6.3</i>	<i>6.8</i>	<i>7.7</i>	<i>9.2</i>	<i>12.6</i>	<i>12.5</i>	<i>11.9</i>	<i>11.8</i>	<i>11.5</i>	<i>10.8</i>
<i>South Africa</i>	<i>8.0</i>	<i>7.8</i>	<i>7.7</i>	<i>7.8</i>	<i>8.1</i>	<i>7.9</i>	<i>8.0</i>	<i>8.4</i>	<i>8.6</i>	<i>8.5</i>
Spain	20.8	20.4	18.6	17.4	15.9	16.0	15.6	15.5	15.1	15.2
Sweden	22.5	23.1	22.6	22.3	21.5	21.3	21.6	21.2	20.5	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>15.4</i>	<i>15.3</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>10.7</i>	<i>10.5</i>	<i>10.4</i>
<i>Turkey</i>	<i>8.0</i>	<i>9.6</i>	<i>9.2</i>	<i>11.5</i>	<i>13.0</i>	<i>12.6</i>	<i>13.5</i>	<i>14.0</i>	<i>14.1</i>	<i>14.2</i>
United Kingdom	16.2	16.4	15.9	15.2	14.8	14.7	14.8	14.7	14.6	14.8
United States	15.0	14.5	14.2	14.3	14.3	14.2	14.3	14.4	14.5	14.5

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Australia	16.6	15.9	15.1	14.9	14.9	14.9	14.9	14.9	15.0	14.9
Belgium	7.0	7.2	7.4	7.7	7.9	7.9	7.9	8.0	8.0	7.9
Canada	12.7	12.6	12.5	12.4	12.4	12.3	12.4	12.3	12.2	12.3
Denmark	19.3	18.7	17.9	17.1	16.1	16.1	15.9	15.6	15.3	15.3
Finland	7.1	7.1	6.8	7.0	7.1	7.0	7.1	7.1	7.1	7.0
France	6.2	6.3	6.4	6.3	6.4	6.4	6.4	6.3	6.2	6.2
Germany	7.3	7.1	6.9	6.7	6.5	6.5	6.5	6.4	6.4	6.4
Italy	5.3	5.3	4.9	4.8	4.7	4.7	4.7	4.6	4.5	4.5
Japan	7.3	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.3
Korea	12.2	12.0	11.7	11.2	11.0	11.0	11.0	11.1	11.1	11.2
Netherlands	19.4	19.5	19.0	18.5	18.2	18.3	18.1	18.0	17.8	17.8
Norway	14.6	15.1	15.5	15.3	14.5	14.6	14.3	14.2	14.3	14.5
Portugal	9.9	9.7	8.8	8.5	8.0	8.1	7.9	7.8	7.8	7.6
Spain	9.4	9.2	8.6	8.1	7.5	7.7	7.3	7.4	7.1	7.3
Sweden	11.5	11.6	11.3	11.3	11.1	11.0	11.0	11.1	11.0	11.1
United Kingdom	10.7	10.4	10.2	10.0	9.8	9.8	9.7	9.7	9.7	9.7
United States	9.3	8.8	8.5	8.4	8.2	8.2	8.2	8.2	8.1	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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Australia	42.4	42.0	45.0	46.1	51.2	50.0	52.4	53.6	54.2	54.1
Belgium	48.7	50.7	51.3	51.7	51.9	52.1	51.7	50.9	53.8	52.7
Canada	42.3	44.3	47.0	48.3	53.7	52.2	54.5	57.2	57.9	59.1
Denmark	50.2	48.6	46.1	40.5	38.0	37.3	37.8	37.4	38.1	40.3
Finland	38.9	40.8	44.5	40.9	39.5	39.3	39.7	40.3	42.4	40.3
France	46.3	50.3	51.7	52.8	50.9	51.0	50.2	49.9	49.3	48.7
Germany	18.4	18.1	19.3	19.0	18.6	18.8	18.7	18.3	18.6	18.4
Italy	40.1	42.5	43.0	41.1	39.4	39.4	39.0	38.9	37.8	37.0
Japan	37.7	36.8	35.5	36.1	35.8	35.7	35.5	35.7	35.4	35.1
Korea	40.2	41.5	42.4	42.0	41.2	41.4	41.1	40.3	40.3	40.2
Netherlands	36.9	38.0	37.9	39.3	41.6	42.0	41.4	40.3	40.9	41.2
Norway	56.2	53.9	47.6	42.7	41.8	41.9	41.7	41.7	42.1	42.4
Portugal	63.5	66.9	63.5	58.0	55.3	55.5	54.8	55.3	54.7	54.3
Spain	54.2	53.4	47.7	43.3	38.6	38.5	38.0	38.1	37.1	36.4
Sweden	39.5	41.8	42.1	41.2	39.3	38.8	39.4	38.1	36.6	35.4
United Kingdom	34.0	37.1	35.7	33.3	32.9	32.6	33.1	33.0	32.7	34.4
United States	37.8	37.5	37.0	37.2	38.3	38.1	38.5	39.2	40.0	40.3

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 58 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 10 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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Australia	97.8	97.5	104.0	113.4	123.6	123.7	126.2	126.4	126.2	128.8
Austria	104.2	117.1	122.6	126.8	132.1	130.4	132.0	135.9	140.6	142.8
Belgium	104.0	106.3	107.6	107.0	108.8	108.3	110.7	110.2	109.3	110.9
Brazil	119.2	133.8	146.8	154.2	147.4	149.8	146.0	141.3	136.0	130.2
Bulgaria	94.5	92.7	90.7	91.9	94.5	94.2	93.8	96.6	97.7	100.4
Canada	103.7	107.5	110.3	116.0	122.8	122.2	124.2	125.8	129.2	137.0
Chile	105.4	111.3	120.7	128.2		135.0	141.5			
China	104.1	103.4	109.5	112.4	108.1	107.6	108.2	108.8	110.1	113.2
Colombia	107.6	119.2	130.9	141.3	155.8	155.6	158.5	160.5	170.0	174.8
Croatia	100.2	98.6	94.7	93.2	90.5	89.7	90.4	90.5	91.6	90.8
Cyprus	96.7	91.5	85.6	78.1	74.7	74.8	74.5	74.5	73.9	
Czech Republic	100.0	98.6	98.6	100.9	105.0	104.4	105.7	106.8	108.0	111.0
Denmark	98.3	95.7	99.4	103.1	110.3	111.4	111.2	110.8	113.5	116.4
Estonia	108.5	116.3	128.8	146.4	156.5	159.0	155.9	157.2	157.0	161.9
Finland	103.2	105.6	106.9	106.5	106.5	106.9	106.5	106.4	106.6	107.8
France	105.8	105.2	103.2	101.6	100.1	99.6	101.0	100.2	99.8	100.4
Germany	102.6	105.7	109.1	112.5	117.6	116.7	118.4	119.3	121.4	124.1
Greece	94.5	83.5	74.5	68.9	65.5	65.6	64.6	64.3	64.2	63.8
Hong Kong SAR	120.6	136.7	160.6	170.2	196.6	198.2	202.1	194.5	182.0	182.3
Hungary	96.6	93.0	90.6	94.5	105.1	104.1	107.2	109.2	114.4	115.3
Iceland	105.5	112.4	119.2	128.9	139.7	138.1	140.1	143.6	146.4	149.2
India	122.2	151.9	173.9	199.7	226.8	225.2	228.2	231.9	229.2	241.7
Indonesia	104.7	109.4	122.6	131.2	138.5	138.1	139.4	140.4	141.8	142.7
Ireland	83.2	73.3	75.9	88.9	96.0	95.1	97.7	98.5	98.0	99.8
Israel	110.5	114.1	124.5	132.4	140.1	139.1	141.0	143.9	146.7	149.2
Italy	100.8	97.9	92.3	88.3	86.0	86.1	86.3	85.4	85.2	84.9
Japan	100.1	99.2	100.8	102.4	104.9	104.6	105.6	104.2	106.7	107.8
Korea	105.3	108.3	107.8	109.4	113.1	112.4	113.9	115.1	115.6	115.8
Latvia	110.4	113.7	121.5	128.8	124.5	124.5	125.0	128.1	128.8	137.3
Lithuania	101.3	98.0	101.5	109.2	114.4	110.0	111.6	121.5	122.4	121.1
Luxembourg	103.7	108.0	113.4	118.4	124.8	124.6	126.4	126.1	128.1	131.6
Macedonia FYR	98.4	96.7	93.1	92.7	92.7	93.6	92.9	92.0	95.4	93.2
Malaysia	109.8	122.8	136.2	147.7	158.7	157.4	161.5	162.3	164.6	165.8
Malta	98.6	101.6	101.2	103.8	108.0	105.5	110.8	110.9	108.6	111.0
Mexico	104.2	109.2	113.4	118.4	126.2	124.8	129.1	128.6	132.1	134.9

Nominal residential property prices (cont)

2010 = 100¹

Table H1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Morocco	101.2	102.7	103.5	103.2	104.8	103.5	102.9	104.2	103.5	102.3
Netherlands	98.0	91.4	85.9	86.6	89.7	88.6	90.7	91.5	92.7	93.3
New Zealand	101.3	106.0	115.6	123.1	137.7	136.1	142.3	141.4	146.2	154.6
Norway	108.0	115.3	119.9	123.2	130.7	132.7	132.2	129.6	134.5	140.0
Peru	117.1	142.6	166.7	187.9	199.6	196.8	200.1	205.4	215.8	203.5
Philippines	105.1	114.9	128.0	139.3	148.5	147.8	149.8	150.1	150.8	146.3
Poland	100.1	96.6	92.4	93.3	94.7	95.1	95.3	94.6	94.7	95.5
Portugal	95.1	88.4	86.7	90.4	93.1	93.7	93.8	94.9	96.6	99.6
Romania	85.8	80.2	80.1	78.2	81.1	81.0	80.0	81.5	84.1	86.7
Russia	79.2	91.1	94.6	95.8	97.0	98.1	96.3	94.7	93.1	92.2
Singapore	109.5	112.0	115.6	112.2	107.9	108.5	107.1	106.6	105.8	105.4
Slovakia	98.5	95.8	96.7	98.1	103.3	103.5	103.6	104.7	106.6	109.4
Slovenia	102.7	95.6	90.6	84.6	85.3	87.4	84.3	84.3	86.1	87.7
South Africa	101.8	102.5	112.7	123.1	130.8	129.8	131.7	133.4	135.9	136.8
Spain	92.4	78.7	71.5	71.7	74.3	74.8	75.3	75.3	76.4	77.7
Sweden	102.5	103.7	109.4	119.7	135.4	133.2	138.4	141.3	144.6	144.8
Switzerland	104.5	109.1	113.5	115.5	117.7	117.6	117.7	118.3	118.4	118.5
Thailand	104.3	107.7	116.2	122.9	126.0	124.7	126.5	126.3	126.4	130.6
Turkey	110.1	123.1	138.8	158.8	188.0	185.0	192.4	199.6	204.0	211.9
United Arab Emirates	97.6	109.5	130.6	167.2	155.3	156.2	152.6	150.3	149.1	150.3
United Kingdom	98.5	98.9	101.5	109.6	116.2	114.5	118.3	119.8	121.0	124.5
United States	97.2	101.8	112.0	119.4	125.8	125.0	126.5	128.2	130.0	132.1
<i>Memo:</i>										
<i>Euro area</i>	<i>101.0</i>	<i>99.3</i>	<i>97.5</i>	<i>97.8</i>	<i>99.2</i>	<i>98.9</i>	<i>100.0</i>	<i>100.0</i>	<i>100.7</i>	<i>101.9</i>

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Australia	94.7	92.8	96.5	102.7	110.3	110.6	112.3	112.1	112.1	113.9
Austria	100.9	110.7	113.6	115.6	119.3	117.4	119.2	122.3	126.9	127.8
Belgium	100.5	99.9	99.9	99.1	100.1	99.8	101.7	100.8	99.6	100.0
Brazil	111.7	119.1	123.0	121.5	106.7	109.1	104.5	98.9	92.4	86.9
Bulgaria	90.7	86.4	83.7	86.2	88.7	87.9	88.2	90.9	92.3	95.4
Canada	100.8	102.9	104.6	108.0	113.0	112.3	113.7	115.4	118.3	124.0
Chile	102.0	104.5	111.1	112.9		114.7	118.6			
China	98.8	95.6	98.6	99.2	94.1	94.1	94.0	94.4	94.0	97.0
Colombia	104.1	111.7	120.2	126.2	132.5	133.1	134.3	133.5	137.1	138.1
Croatia	97.9	93.3	87.6	86.4	84.3	83.0	84.4	84.5	86.6	85.4
Cyprus	93.6	86.6	81.3	75.2	73.5	73.0	73.8	73.0	74.3	
Czech Republic	98.1	93.6	92.3	94.2	97.7	96.7	98.1	99.6	100.3	102.6
Denmark	95.7	90.9	93.7	96.7	103.0	103.6	103.7	103.5	106.1	108.2
Estonia	103.3	106.6	114.8	130.7	140.4	141.4	139.7	142.0	141.8	144.9
Finland	99.8	99.3	99.1	97.7	97.9	98.2	97.9	97.7	98.2	98.7
France	103.6	101.1	98.3	96.2	94.8	94.0	95.6	95.0	95.0	94.7
Germany	100.5	101.5	103.2	105.5	110.0	109.0	110.5	111.5	113.8	115.8
Greece	91.5	79.6	71.6	67.2	65.0	64.6	64.3	63.6	64.8	63.5
Hong Kong SAR	114.6	124.7	140.5	142.5	160.0	162.6	165.7	155.5	144.2	145.7
Hungary	93.0	84.7	81.1	84.8	94.4	92.9	95.9	98.2	103.3	102.9
Iceland	101.4	102.7	104.9	111.2	118.6	117.1	118.1	121.2	123.4	124.5
India	111.2	128.5	138.6	149.4	161.9	162.5	160.9	161.3	159.7	165.0
Indonesia	99.3	99.9	105.2	105.8	105.0	105.5	104.7	105.0	104.7	105.4
Ireland	81.2	70.3	72.4	84.7	91.7	90.5	92.9	94.2	94.2	94.8
Israel	106.8	108.4	116.5	123.3	131.4	130.1	131.6	135.1	139.1	140.7
Italy	98.0	92.5	86.1	82.2	80.0	80.0	80.1	79.5	79.6	79.2
Japan	100.3	99.5	100.8	99.6	101.2	100.7	101.8	100.6	103.4	104.1
Korea	101.2	101.8	100.1	100.3	103.0	102.4	103.4	104.6	104.6	104.6
Latvia	105.8	106.5	113.9	120.0	115.7	114.5	116.5	119.5	120.8	127.2
Lithuania	97.3	91.3	93.6	100.6	106.3	101.7	103.9	112.4	113.6	111.1
Luxembourg	100.2	101.8	105.0	108.9	114.3	113.7	115.6	115.3	117.8	120.0
Macedonia FYR	94.7	90.1	84.4	84.2	84.5	84.8	84.7	83.9	87.3	85.0
Malaysia	106.4	117.1	127.2	133.7	140.7	140.0	141.9	141.7	144.1	144.7
Malta	96.0	96.6	94.9	97.0	99.8	97.5	102.5	101.6	100.9	101.8
Mexico	100.8	101.4	101.4	101.8	105.7	105.1	108.3	106.5	108.1	110.7

Real residential property prices (cont)

CPI-deflated; 2010 = 100¹

Table H2

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Morocco	100.3	100.4	99.4	98.7	98.7	97.7	96.5	97.7	96.9	94.8
Netherlands	95.8	87.2	80.0	79.8	82.2	80.8	82.5	83.8	85.4	85.1
New Zealand	97.3	100.8	108.7	114.4	127.5	126.0	131.3	131.1	135.3	142.6
Norway	106.6	113.0	115.1	115.9	120.4	122.3	121.5	118.1	121.3	124.8
Peru	113.2	133.1	151.3	165.2	169.5	167.7	168.6	171.9	178.7	167.4
Philippines	100.3	106.4	115.1	120.3	126.4	126.0	127.5	127.2	127.3	122.9
Poland	96.0	89.3	84.4	85.1	87.2	87.2	87.8	87.4	88.1	88.5
Portugal	91.8	83.0	81.2	84.9	87.0	86.9	87.5	88.3	90.7	92.0
Romania	81.1	73.4	70.4	68.1	71.0	70.2	71.0	71.9	74.7	77.1
Russia	73.0	79.9	77.8	73.1	64.1	65.2	63.1	60.8	58.4	57.1
Singapore	104.0	101.8	102.6	98.6	95.3	95.7	94.7	94.5	94.0	93.8
Slovakia	94.8	89.0	88.6	89.9	95.0	94.9	95.2	96.5	98.7	100.9
Slovenia	100.9	91.6	85.3	79.5	80.5	82.0	79.5	79.5	82.4	82.5
South Africa	97.0	92.3	96.0	98.9	100.5	100.0	100.0	100.9	100.7	99.2
Spain	89.5	74.5	66.7	67.0	69.8	69.7	70.8	70.5	72.9	73.1
Sweden	99.6	99.8	105.4	115.5	130.7	128.5	133.6	136.0	139.2	138.6
Switzerland	104.2	109.6	114.2	116.3	119.9	119.4	120.2	120.9	121.6	120.8
Thailand	100.5	100.7	106.3	110.3	114.2	112.8	114.5	114.6	115.2	118.0
Turkey	103.5	106.2	111.3	117.0	128.7	127.0	131.4	132.6	132.6	136.0
United Arab Emirates	96.7	107.9	127.3	159.1	142.1	143.4	138.3	136.2	135.6	135.6
United Kingdom	94.3	92.1	92.1	98.1	103.9	102.3	105.6	106.8	108.4	110.9
United States	94.2	96.7	104.9	109.9	115.7	114.7	115.7	117.8	119.4	119.9
<i>Memo:</i>										
<i>Euro area</i>	98.35	94.37	91.35	91.23	92.57	91.78	93.21	93.08	94.68	94.63

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	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Algeria	98.3	97.3	94.0	94.0	86.3	84.3	82.3	82.2	79.2	79.7
Argentina	90.8	88.3	75.9	53.3	55.7	57.1	54.6	38.6	37.4	34.8
Australia	107.1	109.3	103.2	97.9	88.7	86.4	86.7	87.2	88.5	90.1
Austria	100.0	98.4	99.9	100.9	98.1	98.5	98.5	99.3	99.4	99.2
Belgium	100.6	98.3	100.5	101.5	97.7	98.1	98.1	99.2	99.4	99.4
Brazil	102.3	90.7	83.9	81.1	64.0	60.1	56.1	58.1	63.6	69.5
Bulgaria	101.2	99.9	101.8	103.9	101.8	102.6	102.7	104.0	104.0	104.0
Canada	102.0	102.1	99.3	93.4	84.5	82.9	81.7	79.9	84.6	83.9
Chile	101.6	103.5	102.8	91.7	88.0	85.9	84.6	86.0	87.4	89.6
China	100.2	105.9	111.9	114.7	125.6	126.6	126.3	123.9	120.6	117.3
Chinese Taipei	102.2	102.7	104.7	104.8	108.5	108.7	107.6	106.4	106.3	108.3
Colombia	99.8	105.5	102.9	98.9	79.8	74.7	73.0	70.1	75.7	77.1
Croatia	98.3	95.6	96.3	96.7	94.4	95.3	94.8	95.8	97.4	97.5
Cyprus	100.8	99.0	100.6	101.6	99.0	99.4	99.4	100.7	100.7	100.7
Czech Republic	103.2	98.6	97.1	92.6	90.3	91.4	91.5	92.8	92.9	92.9
Denmark	99.8	97.1	98.9	100.5	97.2	97.7	97.7	98.9	99.3	99.5
Estonia	99.9	97.7	99.5	102.1	101.9	102.6	102.7	104.5	103.9	103.8
Finland	99.9	97.2	99.4	101.7	99.9	100.7	100.7	102.4	102.0	101.9
France	100.3	97.9	99.9	100.8	96.9	97.4	97.4	98.4	98.6	98.5
Germany	100.3	97.5	100.1	101.5	97.0	97.6	97.7	99.0	99.2	99.0
Greece	100.6	98.7	100.1	101.0	98.0	98.6	98.6	99.6	99.9	99.8
Hong Kong SAR	94.5	96.6	98.0	99.6	107.2	108.1	109.3	109.6	107.5	107.7
Hungary	99.1	93.5	92.8	90.3	87.1	86.8	86.7	87.9	87.7	88.2
Iceland	100.1	97.7	98.8	104.8	106.9	107.7	111.2	112.4	114.2	121.1
India	94.3	84.2	77.1	74.8	77.9	77.5	77.3	76.2	75.4	75.6
Indonesia	98.2	93.2	86.4	77.5	75.1	73.4	74.7	76.2	75.4	76.1
Ireland	100.8	96.9	99.7	100.0	93.4	93.7	93.5	95.0	95.7	96.1
Israel	100.9	97.0	104.0	106.7	108.3	110.0	110.5	110.6	111.2	112.2
Italy	100.5	98.2	100.4	101.8	98.2	98.7	98.8	100.1	100.2	100.0
Japan	105.7	107.2	87.1	81.5	76.6	76.6	78.1	83.4	87.7	93.0
Korea	99.5	99.3	104.6	111.6	113.4	110.5	113.0	109.5	110.7	114.8
Latvia	100.5	100.6	101.4	103.2	103.8	104.4	104.7	106.5	105.8	105.6
Lithuania	100.3	99.0	100.4	102.7	103.5	104.1	104.5	106.5	105.7	105.6
Luxembourg	100.3	99.0	100.1	100.6	98.3	98.5	98.5	99.0	99.1	99.1
Malaysia	100.2	100.8	100.9	99.5	90.8	88.0	83.9	85.9	88.1	86.9

Nominal effective exchange rates (cont)

Period averages; 2010 = 100¹

Table I1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Malta	100.6	97.2	99.8	100.2	94.8	95.8	95.4	96.9	96.9	96.3
Mexico	99.5	94.8	98.3	95.6	84.5	81.9	80.9	75.7	74.6	72.0
Netherlands	100.3	97.5	99.9	101.0	97.1	97.6	97.6	98.7	98.9	98.8
New Zealand	103.3	107.2	111.1	115.6	107.8	101.5	105.0	104.9	106.9	111.7
Norway	102.4	103.4	101.1	95.6	85.8	84.3	82.3	81.6	83.6	84.2
Peru	99.2	106.3	105.7	104.0	103.1	103.7	102.2	100.6	102.8	102.0
Philippines	99.0	103.1	105.7	103.7	110.2	110.0	109.2	108.3	107.1	105.0
Poland	97.3	93.5	94.9	96.5	93.7	94.0	92.4	91.4	91.2	91.9
Portugal	100.3	99.1	100.3	100.9	98.8	99.1	99.1	99.9	100.1	100.1
Romania	100.1	93.8	96.3	97.2	95.0	95.9	95.4	95.6	95.6	96.3
Russia	99.0	97.8	95.0	80.9	57.0	55.1	53.3	47.3	52.6	54.0
Saudi Arabia	96.0	98.6	99.7	101.4	111.0	112.0	113.1	113.9	111.7	111.8
Singapore	103.7	106.4	108.2	109.4	109.7	109.6	109.6	110.3	111.7	112.0
Slovakia	100.1	98.7	100.2	101.5	99.3	99.7	99.7	100.9	100.8	100.5
Slovenia	100.5	99.3	100.6	101.6	100.0	100.4	100.5	101.5	101.4	101.2
South Africa	96.8	88.3	75.8	68.3	64.6	63.6	58.9	53.2	55.0	59.0
Spain	100.5	98.5	100.5	101.7	98.4	98.9	98.9	100.2	100.5	100.5
Sweden	106.1	107.3	110.5	106.5	100.1	99.8	101.3	102.4	103.0	100.4
Switzerland	112.9	112.0	112.6	115.5	125.3	125.4	123.8	124.0	124.3	124.8
Thailand	98.6	98.3	103.5	100.9	105.4	103.4	102.8	103.3	101.6	102.2
Turkey	86.2	84.1	78.9	69.4	64.2	61.3	61.1	60.9	60.5	59.6
United Arab Emirates	96.8	101.3	103.2	105.1	114.9	115.8	117.3	118.5	116.4	117.1
United Kingdom	99.4	103.2	101.1	108.1	114.1	116.2	115.4	109.2	107.1	98.6
United States	95.5	98.2	99.4	102.3	115.2	116.8	118.7	121.1	118.1	119.0
Venezuela	95.8	98.2	70.8	69.5	77.1	78.1	79.5	73.9	50.1	50.2
<i>Memo:</i>										
<i>Euro area</i>	<i>100.5</i>	<i>95.8</i>	<i>100.1</i>	<i>102.5</i>	<i>95.1</i>	<i>96.0</i>	<i>96.1</i>	<i>98.5</i>	<i>98.8</i>	<i>98.6</i>

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	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Algeria	99.2	103.9	101.5	102.8	97.8	95.9	94.5	95.8	94.3	95.8
Argentina	95.2	98.2	90.1	74.0	86.3	89.1	88.3	68.2	72.1	70.6
Australia	106.9	108.5	102.9	98.2	89.6	87.3	87.8	88.0	89.1	91.2
Austria	100.3	98.8	100.7	102.1	99.6	99.8	100.2	100.8	101.1	100.5
Belgium	101.0	99.0	100.5	100.4	96.3	96.6	97.0	98.6	99.1	98.9
Brazil	104.6	94.4	90.0	88.9	74.0	70.0	66.2	69.6	76.3	83.5
Bulgaria	101.7	100.2	100.8	99.8	96.6	97.0	96.8	97.7	96.3	96.8
Canada	101.6	100.9	97.2	91.4	83.2	81.6	80.4	78.6	83.5	82.6
Chile	100.8	102.8	101.6	92.0	90.2	88.5	87.6	88.8	90.3	92.8
China	102.5	108.7	115.6	118.3	129.7	130.5	130.1	129.7	124.8	121.2
Chinese Taipei	100.2	100.3	101.0	100.2	102.2	102.8	101.7	99.9	99.9	102.0
Colombia	98.5	103.9	100.1	95.3	77.7	72.6	71.5	70.0	76.1	77.2
Croatia	97.3	95.2	96.3	95.5	92.1	92.7	91.9	92.0	93.2	92.8
Cyprus	100.6	98.6	98.2	96.8	91.7	91.2	92.0	91.2	91.1	91.4
Czech Republic	101.7	97.8	95.9	90.6	88.0	89.2	88.7	90.6	90.3	90.4
Denmark	99.2	96.5	97.3	98.2	94.7	95.2	94.8	96.1	96.2	96.1
Estonia	101.2	100.2	103.0	103.9	101.7	102.3	101.4	103.0	102.5	102.6
Finland	99.8	97.4	99.1	100.9	97.5	97.9	97.9	99.1	98.6	98.2
France	99.2	96.2	97.2	97.3	92.9	93.2	92.9	93.5	94.0	93.6
Germany	99.0	95.6	97.7	98.6	93.5	94.0	93.9	94.8	94.7	94.7
Greece	100.6	97.5	96.2	94.6	89.5	89.7	90.0	89.2	90.2	89.0
Hong Kong SAR	95.9	99.5	103.1	107.4	118.1	117.8	122.1	123.3	119.4	119.8
Hungary	99.6	96.8	95.9	92.0	88.0	87.9	87.3	88.4	88.4	88.7
Iceland	100.9	101.1	104.5	111.8	115.1	116.5	119.9	121.6	123.7	131.4
India	100.1	93.7	89.3	90.6	97.7	98.0	98.9	97.1	97.5	99.3
Indonesia	100.0	96.3	93.0	87.0	88.9	87.4	89.3	92.1	90.8	92.4
Ireland	100.2	95.6	97.1	96.2	89.0	89.5	88.7	89.7	90.7	91.0
Israel	100.8	95.9	102.2	103.3	103.0	104.8	104.5	103.5	103.7	104.8
Italy	99.9	98.1	99.5	99.6	95.0	95.5	95.2	96.0	95.6	95.5
Japan	101.3	100.0	79.7	75.1	70.3	70.2	71.3	75.5	79.3	83.6
Korea	100.0	99.5	104.0	110.0	111.0	108.2	110.4	106.9	107.7	111.7
Latvia	101.1	100.6	99.3	100.4	99.9	100.0	100.1	101.2	101.0	100.3
Lithuania	100.7	99.6	100.2	101.1	99.4	99.6	100.5	102.0	101.7	100.5
Luxembourg	100.9	99.7	101.1	101.2	98.9	99.1	99.0	99.1	99.3	99.0
Malaysia	99.8	99.6	99.7	99.3	91.6	89.4	85.8	87.3	89.4	88.6

Real effective exchange rates (cont)

CPI-based; period averages; 2010 = 100¹

Table I2

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Malta	99.9	96.4	98.5	97.8	92.8	93.4	93.8	94.0	94.7	93.8
Mexico	99.4	96.4	101.9	101.0	90.9	87.5	87.7	82.7	80.5	77.8
Netherlands	99.4	96.6	99.6	100.3	96.1	97.1	96.2	96.8	97.2	97.1
New Zealand	103.9	106.5	109.5	113.0	104.7	98.7	101.5	101.4	103.2	107.9
Norway	100.3	99.7	98.0	93.5	85.2	83.7	82.4	82.6	85.1	86.2
Peru	98.2	105.7	104.7	102.7	101.9	102.7	100.9	99.1	100.8	99.5
Philippines	100.4	105.6	109.4	109.5	117.0	116.5	116.0	115.2	114.1	112.4
Poland	98.2	95.2	96.1	96.6	92.1	92.2	90.1	88.8	88.3	88.6
Portugal	100.9	99.8	99.6	98.9	96.7	96.9	97.1	97.3	98.3	97.7
Romania	102.5	96.3	100.9	101.7	98.0	97.4	97.2	97.1	96.1	96.5
Russia	103.7	104.9	106.7	96.3	77.8	75.8	74.6	67.8	75.8	78.5
Saudi Arabia	97.4	100.3	102.9	105.4	116.5	117.7	119.5	122.5	119.9	119.9
Singapore	105.4	110.4	112.5	112.3	110.5	110.0	109.5	109.6	110.2	110.5
Slovakia	100.9	100.3	101.4	101.5	98.2	98.4	98.2	98.9	98.6	97.7
Slovenia	99.2	97.9	99.0	99.0	96.1	96.4	96.4	96.1	97.1	96.5
South Africa	98.1	92.2	82.0	77.1	75.5	75.0	69.6	64.1	67.2	72.9
Spain	100.5	98.2	99.8	99.2	94.5	94.6	94.9	94.1	95.1	94.7
Sweden	105.7	105.1	106.3	100.9	93.9	93.5	94.9	96.2	96.4	94.0
Switzerland	109.5	105.1	103.4	104.5	111.2	110.7	109.1	108.9	109.0	108.9
Thailand	99.1	99.5	104.9	101.9	103.9	101.8	100.7	100.4	99.3	99.7
Turkey	88.4	91.6	90.4	85.4	84.0	80.3	82.1	83.7	83.5	83.5
United Arab Emirates	93.5	95.1	95.3	96.9	108.4	109.8	110.7	111.3	109.3	110.0
United Kingdom	100.5	104.5	103.1	110.3	115.4	117.5	116.6	110.0	107.6	99.4
United States	95.0	97.2	97.5	99.6	110.5	112.3	113.1	114.9	112.7	113.5
Venezuela	117.5	141.9	137.1	208.4	481.2	522.5	705.8	779.7	637.7	847.1
<i>Memo:</i>										
<i>Euro area</i>	99.3	94.4	97.7	98.2	89.7	90.4	90.4	91.3	92.1	91.5

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	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Argentina	-3.8	-1.1	0.8	-0.6	2.3	0.1	0.4	2.3	2.1	1.8
Australia	-12.0	-12.5	-7.4	-3.0	2.4	1.5	3.1	2.4	2.9	3.0
Austria	-3.8	-5.4	-4.8	-9.4	-8.8	-8.5	-8.5	-8.8	-9.6	-9.7
Belgium	3.8	3.1	-0.3	1.8	2.0	2.3	3.6	2.0	12.2	10.4
Brazil	12.0	12.0	10.5	9.1	8.5	7.9	9.1	8.5	4.5	1.5
Canada	3.7	7.0	7.7	7.3	15.6	12.4	14.4	15.6	13.6	15.1
Chile	-2.0	3.4	8.4	15.5	19.5	14.0	21.7	19.5	15.9	13.4
China	6.3	13.3	19.0	21.6	28.1	24.4	25.6	28.1	29.6	28.8
Czech Republic	15.1	13.2	13.6	11.6	3.1	6.3	4.5	3.1	2.5	2.8
Denmark	5.6	-8.3	-22.1	-20.7	-29.0	-28.3	-27.2	-29.0	-29.1	-28.8
Finland	10.6	8.9	7.9	3.9	4.4	5.0	4.9	4.4	2.6	-0.8
France	9.1	8.3	2.8	5.8	2.9	4.8	3.4	2.9	1.5	2.3
Germany	-12.6	-10.1	-7.5	-8.6	-7.0	-7.0	-6.9	-7.0	-5.7	-5.1
Greece	14.2	7.6	-0.9	-6.6	-11.8	-9.3	-11.0	-11.8	-13.0	-14.4
Hong Kong SAR	32.1	22.0	33.1	38.8	39.0	39.2	29.8	39.0	33.7	35.1
Hungary	6.6	-8.3	-18.0	-21.5	-28.0	-25.0	-28.1	-28.0	-29.0	-28.0
India	2.6	1.6	-0.1	-3.0	-2.9	-3.2	-3.7	-2.9	-2.7	-4.4
Indonesia	6.4	10.4	13.2	12.4	11.4	11.7	11.7	11.4	10.0	9.7
Ireland	37.4	9.1	-21.4	-23.2	-17.6	28.2	0.6	-17.6	-29.5	-25.8
Israel	-12.5	-13.7	-16.3	-15.1	-13.8	-15.7	-14.6	-13.8	-13.7	-11.8
Italy	1.5	1.4	-4.4	-8.1	-12.3	-9.9	-11.3	-12.3	-14.0	-13.8
Japan	1.5	1.3	3.2	4.0	2.9	2.0	1.9	2.9	2.8	2.5
Korea	4.0	3.3	1.6	2.9	3.7	3.4	4.3	3.7	3.1	3.2
Luxembourg		-31.1	-54.0	-47.4	-27.9	-36.7	-30.6	-27.9	-28.7	-33.2
Malaysia	-4.0	-0.4	5.8	7.8	11.7	10.6	12.0	11.7	9.4	8.5
Mexico	4.5	4.2	6.3	6.5	7.8	6.6	7.8	7.8	8.0	8.5
Netherlands	-8.5	-12.6	-18.1	-18.2	-20.0	-13.7	-16.4	-20.0	-20.2	-20.6
New Zealand	-20.7	-18.9	-20.0	-19.9	-15.0	-17.5	-16.3	-15.0	-15.1	-14.1
Norway	3.6	0.3	-3.1	0.7	3.9	4.3	4.3	3.9	5.5	7.8
Poland	5.5	1.7	0.5	0.3	-1.2	0.6	0.4	-1.2	-1.3	-1.1
Portugal	1.2	4.5	-12.7	-26.8	-37.6	-33.0	-36.2	-37.6	-39.0	-39.7
Russia	-3.1	-3.5	0.8	7.2	5.6	3.1	5.2	5.6	3.7	0.6
Saudi Arabia	-9.2	-8.7	-3.3	0.3	11.9	5.8	8.1	11.9	14.0	16.2
Singapore	6.6	14.6	22.4	22.4	20.9	19.2	18.8	20.9	19.5	19.7
South Africa	-4.8	-2.9	-3.3	-3.7	-0.5	-2.8	-2.4	-0.5	0.3	-1.6

Credit-to-GDP gaps¹ (cont)

Table J1

	2011	2012	2013	2014	2015	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16
Spain	1.1	-13.0	-25.2	-36.7	-45.4	-40.6	-43.3	-45.4	-47.8	-46.6
Sweden	12.3	5.5	0.8	-3.6	-6.6	-3.3	-5.4	-6.6	-13.9	-12.0
Switzerland	10.0	14.1	9.9	7.0	6.2	6.7	7.9	6.2	7.5	8.3
Thailand	6.1	9.0	15.5	16.9	16.6	16.5	16.6	16.6	14.5	13.4
Turkey	12.1	10.3	16.0	14.5	12.3	16.0	15.6	12.3	10.0	10.6
United Kingdom	-13.5	-14.4	-22.1	-27.3	-26.2	-28.9	-27.1	-26.2	-26.0	-21.8
United States	-14.0	-15.3	-14.8	-13.2	-10.7	-12.1	-11.6	-10.7	-9.8	-8.8
<i>Memo:</i>										
<i>Euro area</i>	-4.7	-5.9	-10.3	-9.1	-9.1	-6.8	-7.9	-9.1	-9.4	-9.1

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	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Algeria	104.5	113.8	117.5	120.9	126.7	127.4	128.9	130.9	134.9	136.3
Argentina	109.8	120.8	133.6	162.2	188.2	190.6	200.1	221.2	244.4	258.9
Australia	103.3	105.1	107.7	110.4	112.0	112.4	112.8	112.6	113.0	113.8
Austria	103.3	105.8	107.9	109.7	110.7	110.8	111.1	110.8	111.7	111.5
Belgium	103.5	106.5	107.7	108.0	108.6	108.8	109.3	109.7	110.9	111.1
Brazil	106.6	112.4	119.4	126.9	138.4	139.7	142.9	147.2	149.9	151.9
Bulgaria	104.2	107.3	108.3	106.7	106.6	106.3	106.4	105.8	105.2	105.9
Canada	102.9	104.5	105.5	107.5	108.7	109.2	109.0	109.3	110.5	110.6
Chile	103.3	106.4	108.7	113.5	118.4	119.4	120.5	121.5	122.6	123.5
China	105.6	108.3	111.1	113.4	115.1	115.4	115.5	117.5	117.2	117.5
Croatia	102.3	105.8	108.1	107.9	107.4	107.2	107.1	105.8	106.3	105.8
Cyprus	103.3	105.8	105.3	103.9	101.7	100.9	102.0	99.4	100.1	100.5
Czech Republic	101.9	105.3	106.8	107.2	107.5	107.8	107.2	107.7	108.2	108.3
Denmark	102.8	105.2	106.1	106.7	107.1	107.3	107.1	107.0	107.6	107.5
Estonia	105.0	109.1	112.2	112.0	111.5	111.6	110.7	110.7	111.7	112.1
Finland	103.4	106.3	107.9	109.0	108.8	108.8	108.9	108.6	109.2	109.2
France	102.1	104.1	105.0	105.5	105.6	105.7	105.5	105.0	106.0	106.0
Germany	102.1	104.1	105.7	106.7	106.9	107.1	107.0	106.6	107.1	107.6
Greece	103.3	104.9	103.9	102.6	100.8	100.6	101.1	99.1	100.5	99.6
Hong Kong SAR	105.3	109.6	114.3	119.4	122.9	122.0	125.1	126.2	125.1	125.7
Hungary	103.9	109.8	111.7	111.5	111.4	111.7	111.2	110.8	112.0	111.8
Iceland	104.0	109.4	113.6	116.0	117.9	118.7	118.5	118.6	119.8	120.2
India	109.8	118.1	125.5	133.6	140.1	141.8	143.7	143.5	146.5	149.2
Indonesia	105.3	109.5	116.6	124.0	131.9	133.1	133.8	135.4	135.4	137.2
Ireland	102.6	104.3	104.8	105.0	104.7	105.2	104.5	104.0	105.2	
Israel	103.5	105.2	106.8	107.3	106.7	107.1	106.5	105.5	106.0	106.5
Italy	102.8	105.9	107.2	107.5	107.5	107.7	107.5	107.0	107.2	107.7
Japan	99.7	99.7	100.0	102.8	103.6	103.8	103.6	103.2	103.5	103.3
Korea	104.0	106.3	107.7	109.1	109.8	110.1	110.1	110.5	110.7	111.0
Latvia	104.4	106.7	106.7	107.3	107.6	107.2	107.2	106.6	108.0	107.5
Lithuania	104.1	107.3	108.5	108.6	107.6	107.4	108.2	107.8	109.0	108.2
Luxembourg	103.4	106.2	108.0	108.7	109.2	109.4	109.3	108.7	109.6	109.6
Macedonia FYR	103.9	107.4	110.4	110.1	109.7	109.7	109.6	109.3	109.7	109.5
Malaysia	103.2	104.9	107.1	110.5	112.8	113.8	114.5	114.2	114.5	115.3
Malta	102.7	105.2	106.7	107.0	108.2	108.2	109.1	107.6	109.0	

Consumer price indices (cont)

Period averages; 2010 = 100

Table K1

	2011	2012	2013	2014	2015	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16
Mexico	103.4	107.7	111.8	116.2	119.4	119.2	120.8	122.2	121.8	122.5
Netherlands	102.3	104.9	107.5	108.5	109.2	110.0	109.2	108.6	109.6	110.0
New Zealand	104.0	105.1	106.3	107.6	107.9	108.4	107.8	108.0	108.5	108.8
Norway	101.3	102.0	104.2	106.3	108.6	108.8	109.8	110.8	112.2	113.2
Peru	103.4	107.1	110.2	113.7	117.8	118.7	119.5	120.8	121.6	122.2
Philippines	104.7	108.0	111.2	115.9	117.5	117.5	118.0	118.4	119.1	119.9
Poland	104.2	108.1	109.4	109.6	108.6	108.5	108.2	107.5	107.9	107.7
Portugal	103.7	106.5	106.8	106.5	107.0	107.1	107.4	106.4	108.3	107.8
Romania	105.8	109.3	113.7	114.9	114.2	112.7	113.3	112.5	112.4	112.1
Russia	108.4	113.9	121.6	131.2	151.5	152.7	155.8	159.4	161.5	163.1
Saudi Arabia	105.0	108.0	111.8	114.8	117.3	117.8	118.6	121.0	121.6	121.8
Serbia	111.1	119.3	128.5	131.1	133.0	133.3	133.3	133.7	134.2	134.7
Singapore	105.2	110.1	112.7	113.8	113.2	113.1	112.8	112.6	112.3	112.7
Slovakia	103.9	107.7	109.2	109.1	108.7	108.8	108.5	108.0	108.4	
Slovenia	101.8	104.5	106.3	106.5	105.9	106.0	106.0	104.5	106.3	106.2
South Africa	105.0	110.9	117.3	124.4	130.1	131.7	132.2	135.1	137.9	139.6
Spain	103.2	105.7	107.2	107.0	106.5	106.4	106.9	104.7	106.3	106.2
Sweden	103.0	103.9	103.8	103.6	103.6	103.6	103.8	103.9	104.5	104.7
Switzerland	100.2	99.5	99.3	99.3	98.2	97.9	97.9	97.4	98.1	97.8
Thailand	103.8	106.9	109.3	111.3	110.3	110.4	110.2	109.7	110.7	110.7
Turkey	106.5	115.9	124.6	135.7	146.1	146.4	150.5	153.8	155.8	158.2
United Arab Emirates	100.9	101.5	102.6	105.1	109.3	110.4	110.3	110.0	110.8	
United Kingdom	104.5	107.4	110.1	111.8	111.8	112.0	112.2	111.6	112.3	112.8
United States	103.2	105.3	106.8	108.6	108.7	109.3	108.8	108.9	110.1	110.5
<i>Memo:</i>										
<i>Euro area</i>	<i>102.7</i>	<i>105.3</i>	<i>106.7</i>	<i>107.2</i>	<i>107.2</i>	<i>107.2</i>	<i>107.5</i>	<i>106.4</i>	<i>107.7</i>	<i>107.5</i>

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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A		back to index
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.	
B		back to index
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 ”.	
C		back to index
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.

D

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debt, core and broad	<p>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).</p> <p>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).</p>
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 "intragroup".
intragroup	Business between affiliates of the same corporate group. See also "own office".
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Japan Offshore Market	See "international banking facility".
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LBS by nationality (LBSN)	LBS aggregated by nationality of the reporting bank. See also " locational banking statistics ".
LBS by residence (LBSR)	LBS aggregated by the residence of the counterparty. See also " locational banking statistics ".
LBS-reporting country	See " BIS reporting country ".
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 " cross-border position ".
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 " LBS by nationality " and " LBS by residence ".
long-term	Having a maturity greater than one year.

M

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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.

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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 "household".
non-reporting bank	See "banks and securities firms".
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.

O

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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 "central bank".
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 "forward contract".
own office	Entity owned or otherwise controlled by a banking group, including head office, branch office or subsidiary.

P

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parent country	Country where the controlling parent is located. Also referred to as the "home country".
parent bank	See "controlling parent".
position	Asset or liability.
private non-financial sector	See "non-financial private sector".
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 "effective exchange rate" and "nominal effective exchange rate".
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 "BIS reporting institution".
reporting country	See "BIS reporting country".

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.
T back to index	
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.
U back to index	
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 ”.