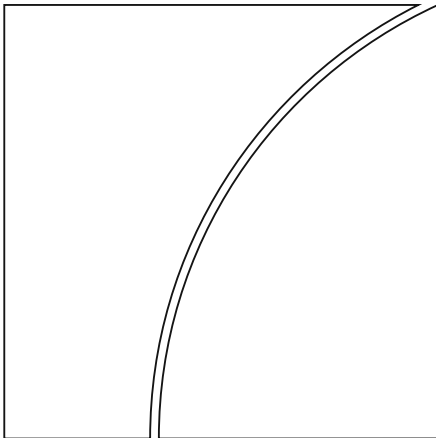




BANK FOR INTERNATIONAL SETTLEMENTS

BIS Statistical Bulletin

December 2019



BIS Statistical Bulletin
Monetary and Economic Department

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BIS Statistical Bulletin

December 2019

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 47 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 into international

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

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

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).

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	30,978.9	27,793.7	15,581.7	14,999.3	9,599.8	8,543.6	14,785.5	9,182.8	6,837.2	4,956.2	7,429.6	3,832.6	611.6	3,611.6
By residence of counterparty														
Developed countries	21,373.4	17,715.5	11,505.2	10,582.6	6,808.9	6,310.0	9,414.8	5,297.6	4,545.5	3,430.4	4,752.9	1,780.9	453.3	1,835.2
Of which: euro area	8,467.7	7,163.2	4,683.6	4,327.7	2,578.5	2,385.1	3,668.2	1,968.1	1,554.0	1,074.6	2,085.1	877.5	116.0	867.4
Offshore centres	5,008.2	4,541.3	1,933.2	2,125.9	1,347.9	1,363.7	3,055.9	2,349.7	1,816.6	1,137.2	1,085.7	1,076.1	19.1	65.7
Developing Africa and Middle East	823.4	1,004.0	330.8	577.2	136.0	92.7	484.7	419.8	55.3	61.9	366.5	297.6	8.0	7.1
Developing Asia and Pacific	2,107.6	1,678.0	1,150.2	1,099.6	490.7	447.5	904.4	562.4	105.8	97.4	653.3	386.2	53.0	16.0
Developing Europe	541.2	368.9	269.2	255.8	153.1	52.7	267.6	105.3	34.3	13.6	212.8	86.8	4.3	7.8
Developing Latin America and Caribbean	636.1	414.2	229.8	201.5	109.4	46.8	395.8	205.2	88.1	37.5	287.9	149.0	10.5	7.4
International organisations	261.5	281.0	42.3	54.8	0.2	0.0	213.2	220.1	187.0	166.6	26.1	45.0	6.0	6.2
Unallocated	227.6	1,790.7	121.1	102.0	553.7	230.2	49.0	22.7	4.7	11.7	44.4	11.0	57.5	1,666.1
By currency														
US dollar	14,637.0	13,473.1	7,156.6	7,518.2	4,736.8	4,436.6	7,332.5	4,750.6	3,390.4	2,618.8	3,604.5	1,869.1	147.9	1,204.4
Euro	9,341.4	8,601.9	5,062.7	4,549.7	2,574.6	2,380.0	3,973.4	2,265.7	1,725.4	1,447.0	2,199.0	775.7	305.4	1,786.5
Yen	1,908.7	913.6	715.2	606.9	456.5	363.5	1,167.0	214.4	726.9	146.2	390.5	48.3	26.5	92.3
Pound sterling	1,389.5	1,343.6	606.5	621.5	376.0	396.5	750.3	493.9	397.5	282.7	323.9	175.8	32.7	228.2
Swiss franc	430.0	341.9	280.4	193.1	153.2	73.5	145.4	108.4	52.5	38.6	90.3	66.6	4.3	40.5
Other currencies	1,268.9	1,716.0	645.7	898.5	366.5	571.8	621.3	757.7	233.9	244.9	384.9	512.1	1.9	59.8
Unallocated	2,003.3	1,403.4	1,114.7	611.4	936.2	321.7	795.7	592.2	310.7	177.9	436.5	384.8	93.0	199.9
By instrument														
Loans	20,939.2	21,648.5	12,236.2	13,486.9	7,916.5	7,228.9	8,662.1	7,952.1	4,228.0	4,324.8	3,763.1	3,237.6	40.9	209.5
Debt securities	6,716.5	3,739.1	1,729.6	508.1	122.8	27.4	4,835.4	384.7	812.5	256.2	1,643.5	101.9	151.5	2,846.4
Of which: short-term	.	684.7	.	145.5	.	6.4	.	169.7	.	87.5	.	82.1	.	369.5
Other instruments	3,116.4	2,224.7	1,413.5	991.4	741.0	440.4	1,283.6	678.2	629.9	228.3	401.7	370.8	419.2	555.1
Unallocated	206.8	181.3	202.4	13.0	534.1	850.9	4.4	167.7	1,166.8	146.9	1,621.3	122.3	0.0	0.6
Local positions in foreign currencies	4,370.1	6,039.5	1,568.1	1,623.9	365.6	364.7	2,695.3	3,906.3	787.3	1,243.4	1,473.1	2,314.8	106.7	509.3
Local positions in local currencies	69,623.3	65,307.5	12,131.2	8,571.7	2,651.8	2,799.8	35,747.5	29,112.0	3,617.8	4,714.0	30,230.3	22,451.6	21,744.7	27,623.8
Unallocated	205.0	2,746.4	26.8	263.7	0.8	0.3	7.7	42.0	1.2	2.1	4.5	36.5	170.5	2,440.7

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
Type of position	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	369.3	311.4	123.7	119.4	-58.1	-15.6	200.7	78.6	172.5	-16.3	5.5	86.7	44.9	113.4
By residence of counterparty														
Developed countries	262.6	190.0	142.3	117.3	36.3	34.5	79.4	-11.3	90.7	-61.2	-30.5	46.3	40.9	84.0
Of which: euro area	145.1	207.6	95.2	108.0	20.1	21.0	39.3	72.7	36.7	64.5	-5.3	7.5	10.6	26.8
Offshore centres	53.1	54.3	-30.9	-11.4	-11.0	-29.7	83.2	62.6	63.2	35.6	19.2	19.1	0.8	3.2
Developing Africa and Middle East	13.7	21.0	9.8	15.1	2.8	-0.3	3.9	7.8	1.7	-1.0	0.1	12.3	0.0	-1.9
Developing Asia and Pacific	26.8	19.1	4.4	5.6	-3.2	11.2	19.5	15.1	6.0	8.6	7.7	6.8	2.9	-1.6
Developing Europe	-8.8	-1.7	-6.4	-2.1	-1.1	2.1	-2.2	-0.5	-0.2	1.3	3.2	-0.9	-0.2	0.9
Developing Latin America and Caribbean	3.5	4.4	-5.8	-4.4	1.7	0.4	9.4	9.1	3.5	2.9	5.9	6.3	-0.1	-0.3
International organisations	9.9	-3.1	2.9	0.3	0.1	-0.1	6.6	-4.1	7.1	-2.3	-0.4	-3.2	0.4	0.6
Unallocated	8.5	27.4	7.5	-1.0	-83.7	-33.7	0.9	-0.2	0.5	-0.2	0.4	0.0	0.1	28.6
By currency														
US dollar	-21.7	39.4	-74.1	-13.3	-81.0	-59.5	31.2	-6.2	59.0	-71.0	-36.5	58.7	21.2	59.0
Euro	271.5	185.9	126.5	78.4	23.9	7.1	116.9	54.7	82.5	43.3	27.2	6.8	28.1	52.7
Yen	6.4	-3.4	10.3	22.8	22.3	23.3	-2.6	-22.8	1.8	-18.9	2.4	0.1	-1.2	-3.3
Pound sterling	15.7	3.0	19.1	4.5	-34.2	-3.8	-4.5	-2.1	-3.5	-9.5	-8.3	4.1	1.1	0.6
Swiss franc	15.2	-8.8	9.2	-4.1	1.7	4.5	5.7	-1.2	3.1	-1.2	1.8	0.0	0.3	-3.5
Other currencies	37.2	53.5	4.1	-0.6	-3.1	-11.0	32.2	50.5	17.6	24.9	14.3	25.4	0.9	3.7
Unallocated	44.9	41.7	28.7	31.7	12.4	23.9	21.7	5.7	12.0	16.1	4.6	-8.5	-5.5	4.3
By instrument														
Loans	182.3	161.3	59.9	99.4	-5.2	-50.7	122.1	49.9	91.2	-44.1	21.2	85.8	0.3	12.0
Debt securities	32.7	52.8	25.4	1.1	-1.6	-4.4	-11.5	-5.2	8.4	-1.4	55.8	-7.6	18.8	56.9
Of which: short-term	.	0.6	.	-1.2	.	-3.7	.	-18.4	.	-11.6	.	-6.7	.	20.3
Other instruments	144.9	90.5	31.4	19.0	19.1	-7.3	87.7	26.9	41.0	35.7	35.7	1.4	25.7	44.6
Unallocated	9.4	6.8	7.0	-0.1	-23.4	43.3	2.4	7.0	31.9	-6.6	-107.2	7.1	0.0	-0.1
Local positions in foreign currencies	181.3	165.1	18.5	27.9	6.6	6.0	163.9	123.9	10.3	67.1	21.9	43.4	-1.1	13.3
Local positions in local currencies	762.8	501.9	41.3	57.4	-25.5	23.7	513.1	325.6	34.8	36.2	257.3	253.9	208.4	118.9
Unallocated	9.4	24.3	-1.7	35.2	-1.0	-0.9	-0.9	6.9	-0.1	0.3	-0.8	6.4	12.0	-17.9

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

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Banks in all LBS reporting countries	30,978.9	27,793.7	15,581.7	14,999.3	9,599.8	8,543.6	14,785.5	9,182.8	6,837.2	4,956.2	7,429.6	3,832.6	611.6	3,611.6
Australia	479.9	725.0	267.7	455.1	175.8	193.6	212.1	247.1	97.6	173.6	114.6	73.5	0.0	22.8
Austria	274.9	196.2	124.1	79.8	50.2	14.9	150.8	85.0	46.1	48.1	104.7	37.0	\	31.3
Bahamas	161.7	143.1	130.7	106.5	85.4	69.0	30.5	34.4	9.7	3.7	20.7	30.7	0.5	2.2
Bahrain	135.7	141.9	45.6	90.7	...	...	90.1	51.2	...	...	...	...	...	...
Belgium	481.2	372.1	300.5	251.0	190.1	131.8	180.5	80.9	58.8	44.6	121.7	36.4	0.2	40.2
Bermuda	9.9	2.1	3.5	0.7	1.5	0.7	6.5	1.4	1.9	0.8	4.6	0.7	\	0.0
Brazil	97.9	153.5	93.3	152.6	61.6	58.2	4.6	0.9	...	...	...	...	...	...
Canada	818.6	596.3	383.7	223.8	319.1	191.8	434.0	173.8	262.0	66.3	172.0	107.5	\	198.7
Cayman Islands	658.6	631.2	422.1	457.4	390.1	418.2	236.4	171.4	153.1	81.0	83.3	90.5	0.1	2.4
Chile	14.4	36.5	10.9	28.2	...	...	0.5	2.8	...	...	...	...	3.1	5.4
China	1,145.9	1,343.0	570.4	554.9	\	\	575.5	788.1	\	\	\	\	\	\
Chinese Taipei	407.3	213.9	202.1	117.6	96.4	66.8	198.2	93.5	87.0	21.3	111.1	72.2	7.0	2.7
Curaçao	12.1	11.1	4.9	6.5	...	...	7.2	4.6	...	...	...	...	...	...
Cyprus	18.7	15.8	7.9	4.4	3.7	3.3	10.8	11.2	4.8	3.2	6.0	8.0	\	0.1
Denmark	229.3	172.8	142.9	120.4	93.0	\	86.4	52.4	50.9	41.5	35.5	10.9	\	\
Finland	288.3	442.7	194.9	182.7	113.1	119.7	78.2	49.1	31.2	29.4	47.1	19.6	\	210.9
France	3,135.6	3,401.9	1,581.8	1,432.5	851.6	700.5	1,491.9	1,057.7	920.0	839.8	571.9	217.9	61.9	911.7
Germany	2,283.1	1,915.5	1,353.2	903.4	752.1	616.4	929.8	301.4	293.4	187.5	636.4	113.9	0.1	710.8
Greece	53.5	34.9	15.4	26.3	...	...	38.2	8.7	29.0	7.2	9.1	1.4	...	...
Guernsey	147.5	97.9	124.8	74.7	105.1	74.4	22.6	21.9	5.3	3.9	17.2	17.9	0.1	1.3
Hong Kong SAR	1,566.8	1,220.2	914.0	714.5	512.3	539.6	652.8	505.6	\	\	\	\	\	\
India	70.4	203.8	30.8	26.7	\	\	39.4	176.8	\	\	\	\	\	\
Indonesia	17.2	52.1	15.5	43.0	6.2	34.5	1.8	9.1	0.9	6.2	0.9	2.9	\	\
Ireland	384.5	352.5	231.2	204.8	169.1	170.5	151.6	61.8	48.9	44.8	102.7	16.9	1.8	85.9
Isle of Man	42.6	32.9	34.3	9.0	31.4	7.3	8.3	23.8	0.2	3.0	8.2	20.9	0.0	0.0
Italy	536.9	649.6	326.3	547.0	81.1	166.4	219.2	102.6	87.0	83.4	132.2	19.2	-8.7	0.0
Japan	3,825.2	1,403.6	1,041.6	1,189.8	492.1	705.2	2,783.7	213.8	1,164.7	178.8	1,619.0	35.0	\	0.0
Jersey	156.9	116.2	122.1	60.6	25.3	6.8	34.7	55.6	...	...	...	...	...	...
Korea	226.7	262.0	99.6	193.6	50.7	76.5	101.3	39.9	14.8	28.7	86.5	11.2	25.7	28.5
Luxembourg	645.0	432.5	399.4	263.9	273.8	181.8	241.9	161.6	64.1	91.5	177.8	70.1	3.6	7.0
Macao SAR	155.9	100.4	64.0	44.3	33.2	25.4	91.4	33.7	18.7	5.6	72.7	28.1	0.5	22.4
Malaysia	62.7	114.6	\	\	\	\	30.5	27.1	\	\	\	\	\	\
Mexico	20.6	22.7	11.2	20.6	...	...	9.4	2.1	...	...	...	...	...	...
Netherlands	1,125.3	876.2	488.0	352.3	356.3	295.3	444.1	308.5	157.7	89.4	286.4	219.1	193.2	215.4
Norway	182.3	234.3	129.3	162.1	50.7	136.8	53.0	21.9	13.2	3.8	39.8	18.1	0.0	50.3
Panama	50.3	45.8	29.6	25.4	...	...	20.7	20.4	...	...	...	...	...	...
Philippines	32.8	24.2	16.9	20.2	2.7	5.4	15.9	3.4	4.0	1.6	11.9	1.8	0.1	0.7
Portugal	69.6	72.8	39.2	39.2	...	...	47.9	23.8	13.4	7.7	34.5	16.1	...	9.7
Russia	210.9	131.0	86.5	51.1	2.1	12.0	112.2	77.9	35.0	47.3	77.2	30.6	12.2	2.0
Singapore	828.1	759.0	344.2	502.8	\	...	351.4	256.2	...	...	...	...	132.5	\

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

Amounts outstanding, in billions of US dollars

Table A2.1

Sector of counterparty	All sectors		Bank sector				Non-bank sector						Unallocated by sector		
			Total		Of which: Intragroup		Total		Of which: Non-bank financial		Of which: Non-financial				
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	
Location of reporting bank	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
South Africa	46.9	39.6	30.0	33.0	9.4	15.1	16.9	6.6	7.0	3.9	9.9	2.7	0.0	0.1	
Spain	638.0	421.2	231.1	238.7	121.6	73.5	281.9	62.1	124.6	23.9	157.3	38.2	125.1	120.5	
Sweden	337.7	259.9	214.3	203.9	151.9	149.2	123.4	56.0	42.8	29.4	80.6	26.6	0.0	\	
Switzerland	853.6	847.8	494.0	390.7	181.2	163.9	357.3	454.7	184.9	170.0	172.4	284.7	2.3	2.4	
Turkey	53.5	103.9	46.9	80.2	26.0	9.7	6.6	23.7	0.7	10.9	5.9	12.8	0.0	0.0	
United Kingdom	4,952.3	4,966.6	2,615.8	2,327.1	1,836.5	1,350.2	2,302.4	1,714.3	1,417.6	1,272.9	884.7	441.4	34.1	925.3	
United States	3,031.9	3,400.9	1,530.8	1,898.7	1,334.2	1,390.6	1,501.0	1,502.2	1,112.8	1,020.6	388.2	481.6	\	\	

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Banks in all LBS reporting countries	369.3	311.4	123.7	119.4	-58.1	-15.6	200.7	78.6	172.5	-16.3	5.5	86.7	44.9	113.4
Australia	29.0	27.8	13.7	16.0	3.4	9.4	15.2	13.1	8.6	6.0	6.7	7.1	0.0	-1.2
Austria	6.9	2.2	1.1	-0.2	-1.5	-2.2	5.9	3.2	3.0	4.2	2.8	-1.0	\	-0.8
Bahamas	-22.5	-25.7	-25.8	-28.3	-36.2	-30.0	3.4	2.8	0.7	0.3	2.6	2.5	-0.1	-0.2
Bahrain	-5.5	-4.3	-2.5	1.2	...	...	-3.0	-5.5	...	...	...	...	...	...
Belgium	9.1	-8.1	9.0	-6.2	1.1	-5.3	0.0	-0.8	-0.2	1.9	0.2	-2.7	0.2	-1.1
Bermuda	0.0	0.0	0.1	0.1	0.2	0.1	-0.1	-0.1	0.1	0.0	-0.2	-0.1	\	0.0
Brazil	3.5	6.9	2.0	6.9	2.0	3.0	1.5	0.0	...	...	...	...	...	...
Canada	70.7	42.6	26.0	15.9	27.3	10.3	43.8	9.9	39.5	6.1	4.4	3.9	\	16.8
Cayman Islands	-22.3	-21.7	-7.3	-20.2	-15.2	-19.3	-15.0	-0.6	-6.9	-8.2	-8.1	7.6	0.0	-0.8
Chile	2.4	3.8	3.0	2.6	...	...	-0.5	0.4	...	...	...	...	-0.1	0.8
China	-17.9	21.9	-17.5	4.5	\	\	-0.4	17.4	\	\	\	\	\	\
Chinese Taipei	-0.6	-12.6	-6.2	-13.5	-4.5	-5.3	4.3	1.9	0.6	1.5	3.8	0.4	1.3	-1.1
Curaçao	-0.1	-0.1	0.0	0.0	...	...	0.0	0.0	...	...	...	...	...	...
Cyprus	0.3	-0.7	0.4	-0.4	-0.5	-0.4	-0.1	-0.2	-0.4	0.0	0.2	-0.3	\	0.0
Denmark	-1.4	-1.0	-0.7	-0.7	-0.5	\	-0.7	-0.4	-0.5	-0.3	-0.2	-0.1	\	\
Finland	5.0	-1.5	7.3	-6.9	13.1	-3.1	-2.9	-0.9	-0.5	-2.0	-2.4	1.1	\	6.3
France	158.6	173.5	34.3	84.7	-0.8	16.4	134.6	63.5	91.2	48.6	43.4	15.0	-10.3	25.2
Germany	47.5	50.9	24.2	30.6	21.4	33.5	23.4	8.5	8.3	5.0	15.0	3.5	0.0	11.8
Greece	7.2	-1.0	-0.2	-1.9	...	...	7.4	0.9	...	...	...	...	...	...
Guernsey	3.5	2.8	2.6	3.3	2.3	3.3	0.9	-0.5	0.2	0.2	0.7	-0.7	0.0	0.0
Hong Kong SAR	17.0	2.1	5.4	9.5	-2.6	9.5	11.6	-7.4	\	\	\	\	\	\
India	-5.5	4.1	-2.2	-3.3	\	\	-3.3	7.5	\	\	\	\	\	\
Indonesia	-1.6	-1.2	-1.6	-2.2	-1.4	-1.1	0.0	1.0	0.0	1.2	0.0	-0.2	\	\
Ireland	11.6	7.8	9.3	7.4	-0.6	-2.3	0.9	-0.5	0.4	-0.3	0.5	-0.2	1.3	1.0
Isle of Man	0.0	-0.5	0.1	-0.6	0.3	-0.1	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Italy	18.6	6.6	15.7	3.2	7.2	1.6	4.7	3.4	2.9	2.6	1.8	0.8	-1.7	0.0
Japan	-95.5	-0.6	-19.7	16.8	-22.7	29.9	-75.8	-17.4	32.0	-10.0	-107.7	-7.4	\	0.0
Jersey	31.3	25.0	20.6	19.2	-80.7	-29.6	10.7	5.8	...	...	...	...	...	...
Korea	3.1	7.8	-3.5	3.3	-0.6	2.8	1.0	1.4	-0.1	2.3	1.1	-0.9	5.6	3.1
Luxembourg	17.6	6.5	13.0	0.2	7.1	-1.9	4.4	3.8	0.2	-1.3	-1.9	5.1	0.1	2.5
Macao SAR	1.9	1.3	-1.3	-3.7	1.6	-5.2	3.3	2.3	0.9	0.5	2.3	1.8	-0.1	2.7
Malaysia	4.6	3.6	\	\	\	\	0.4	-1.1	\	\	\	\	\	\
Mexico	-2.8	2.4	-4.4	2.3	...	...	1.6	0.0	...	...	...	...	...	...
Netherlands	58.3	24.2	28.2	-7.8	7.7	-4.9	-1.6	-3.1	-2.2	-10.5	0.5	7.4	31.7	35.1
Norway	6.7	5.9	6.7	3.4	-0.9	-0.3	0.1	0.1	-0.1	0.2	0.2	-0.1	0.0	2.3
Panama	0.2	-0.2	0.7	-0.2	...	...	-0.5	0.0	...	...	...	...	...	...
Philippines	2.3	0.5	0.5	0.0	-0.2	-0.2	1.8	0.3	1.1	0.2	0.8	0.1	0.0	0.2
Portugal	1.1	-0.8	-0.5	0.1	\	\	1.6	-0.3	0.4	-0.5	1.2	0.1	...	-0.6
Russia	7.6	-1.4	8.7	0.5	0.6	-0.1	-11.5	-2.0	-10.8	0.8	-0.8	-2.8	10.4	0.1
Singapore	9.5	-8.2	-8.4	-14.8	\	...	5.3	6.7	...	...	...	...	12.5	\

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Location of reporting bank														
South Africa	2.7	0.2	1.9	0.0	-0.7	-1.1	0.8	0.1	1.4	0.3	-0.6	-0.2	0.0	0.0
Spain	-3.7	-3.5	-1.6	-2.1	-0.5	-0.6	-1.2	-0.3	0.1	0.0	-1.3	-0.3	-1.0	-1.1
Sweden	-10.5	-10.4	-22.6	-15.2	-21.2	-11.2	12.2	4.8	6.1	4.3	6.1	0.5	0.0	\
Switzerland	12.3	-8.9	6.9	-11.8	-1.4	-7.1	5.5	3.1	1.3	-2.0	4.2	5.1	-0.1	-0.2
Turkey	-3.8	-5.2	-3.9	-4.9	1.5	0.0	0.1	-0.2	0.0	-0.4	0.1	0.1	0.0	0.0
United Kingdom	14.5	10.5	7.7	34.7	12.7	-2.3	13.2	-36.9	-15.8	-47.3	29.0	10.5	-6.3	12.6
United States	-1.7	-12.0	0.6	-6.8	-13.4	-35.4	-2.3	-5.2	-3.9	-15.4	1.6	10.3	\	\

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Country of residence of counterparty															
Counterparties in all countries	30,978.9	27,793.7	15,581.7	14,999.3	9,599.8	8,543.6	14,785.5	9,182.8	6,837.2	4,956.2	7,429.6	3,832.6	611.6	3,611.6	
Developed countries	21,373.4	17,715.5	11,505.2	10,582.6	6,808.9	6,310.0	9,414.8	5,297.6	4,545.5	3,430.4	4,752.9	1,780.9	453.3	1,835.2	
European developed countries	13,837.0	12,651.5	7,998.6	7,828.9	4,388.6	4,415.9	5,481.1	3,465.9	2,647.2	2,081.9	2,771.2	1,330.3	357.4	1,356.6	
Euro area	8,467.7	7,163.2	4,683.6	4,327.7	2,578.5	2,385.1	3,668.2	1,968.1	1,554.0	1,074.6	2,085.1	877.5	116.0	867.4	
Austria	175.2	104.1	94.0	68.0	34.1	20.6	80.7	24.2	8.2	5.4	72.4	18.6	0.6	11.9	
Belgium	358.7	467.1	217.8	229.1	141.4	121.6	137.6	62.5	19.2	12.1	117.8	49.8	3.4	175.4	
Cyprus	62.9	51.1	3.1	5.6	0.0	0.1	59.1	44.2	19.7	20.4	38.3	22.2	0.8	1.3	
Estonia	6.7	2.3	4.9	1.0	4.7	0.7	1.9	0.9	0.3	0.2	1.6	0.7	0.0	0.3	
Finland	185.4	146.3	127.0	125.9	76.0	93.7	57.8	13.4	11.2	4.1	46.5	9.3	0.6	7.0	
France	1,959.6	1,499.5	1,428.7	1,264.6	736.7	576.1	508.7	184.5	143.2	90.9	363.2	91.1	22.2	50.4	
Germany	1,481.7	1,607.4	1,058.4	1,123.1	543.2	656.5	389.3	280.8	99.3	93.9	288.0	185.9	33.9	203.5	
Greece	54.2	45.8	17.0	14.5	4.1	6.1	37.1	29.6	1.3	1.7	35.7	27.2	0.1	1.7	
Ireland	678.6	666.7	207.1	217.9	160.7	153.2	461.8	372.7	308.4	249.2	147.2	121.6	9.8	76.1	
Italy	762.6	389.1	355.7	190.2	239.6	129.0	395.5	137.3	167.2	81.5	228.2	55.0	11.4	61.6	
Latvia	7.6	3.1	3.7	1.2	1.5	0.6	3.9	1.7	1.4	0.1	2.5	1.6	0.0	0.3	
Lithuania	5.9	1.6	2.8	0.5	2.5	0.4	3.1	1.0	0.6	0.1	2.5	0.9	0.0	0.1	
Luxembourg	1,140.6	1,048.0	412.8	420.5	205.7	218.9	715.7	473.4	495.7	362.9	212.7	109.3	12.1	154.2	
Malta	24.2	17.7	11.9	2.9	10.4	0.9	12.1	14.0	2.0	3.7	9.8	9.6	0.3	0.9	
Netherlands	999.4	768.8	479.8	419.9	300.4	282.9	504.9	253.4	240.3	130.8	257.7	119.2	14.7	95.4	
Portugal	81.4	36.6	35.6	15.6	24.7	7.7	42.8	13.9	4.7	2.5	37.9	11.1	3.1	7.1	
Slovakia	23.7	5.2	11.5	1.1	5.7	0.6	12.2	3.5	2.5	0.4	9.7	3.1	0.0	0.6	
Slovenia	10.2	9.3	3.6	3.2	2.0	1.5	6.6	5.2	0.8	0.2	5.8	5.0	0.0	0.9	
Spain	448.9	293.3	208.3	222.8	85.0	114.0	237.5	51.9	28.0	14.8	207.5	36.1	3.0	18.7	
Andorra	2.3	3.3	1.3	1.7	0.4	0.5	0.9	1.4	0.0	0.1	0.9	1.3	0.1	0.2	
Denmark	226.5	196.6	133.5	125.9	50.6	77.0	87.6	42.5	36.0	22.2	51.3	20.2	5.4	28.2	
Iceland	2.1	3.1	0.6	2.1	...	0.0	1.5	1.0	0.1	0.2	1.4	0.8	0.0	0.1	
Liechtenstein	9.9	11.6	8.1	7.6	5.6	2.2	1.7	3.7	0.3	1.7	1.4	1.9	0.0	0.3	
Norway	285.3	133.4	223.0	105.6	143.1	64.1	59.8	21.4	16.0	6.8	43.2	14.1	2.4	6.4	
Sweden	370.4	219.8	271.0	173.8	173.3	152.2	95.8	37.3	20.8	14.1	74.6	23.0	3.5	8.7	
Switzerland	608.2	687.6	424.5	493.1	267.6	230.0	180.5	158.1	28.0	34.0	148.1	117.6	3.2	36.3	
United Kingdom	3,861.9	4,230.1	2,252.3	2,590.2	1,168.9	1,504.8	1,382.8	1,230.9	991.6	927.9	363.3	272.6	226.8	409.0	
Non-European developed countries	7,534.1	5,063.8	3,505.3	2,753.5	2,419.9	1,894.1	3,932.9	1,831.7	1,897.6	1,348.5	1,981.6	450.6	95.9	478.6	
Australia	459.5	236.0	288.1	173.8	150.6	104.7	161.7	59.5	46.0	28.8	100.7	25.1	9.7	2.6	
Canada	527.9	348.1	322.7	231.8	195.7	158.7	200.6	106.6	81.1	66.0	118.3	39.8	4.6	9.7	
Japan	1,431.9	816.6	954.6	560.2	741.7	380.4	452.2	145.1	269.6	83.3	175.5	54.6	25.1	111.3	
New Zealand	53.3	27.0	31.7	14.2	25.3	8.8	21.2	12.3	9.5	4.5	11.0	7.1	0.3	0.5	
United States	5,061.6	3,636.1	1,908.1	1,773.4	1,306.6	1,241.5	3,097.3	1,508.2	1,491.4	1,165.8	1,576.1	324.0	56.2	354.4	
Offshore centres	5,008.2	4,541.3	1,933.2	2,125.9	1,347.9	1,363.7	3,055.9	2,349.7	1,816.6	1,137.2	1,085.7	1,076.1	19.1	65.7	
Aruba	1.2	1.1	0.1	0.2	0.1	0.0	1.0	0.8	0.1	0.2	0.5	0.5	0.0	0.0	
Bahamas	132.3	147.0	98.5	97.2	60.4	64.5	33.7	47.2	15.1	21.7	14.3	17.8	0.1	2.6	

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

Amounts outstanding, in billions of US dollars

Table A3.1

Sector of counterparty Country of residence 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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Bahrain	40.7	34.3	34.9	26.6	23.2	9.0	5.8	7.7	0.4	0.9	5.0	5.8	0.0	0.0
Barbados	24.0	34.5	14.5	25.9	14.4	14.4	9.5	6.0	7.3	3.1	1.9	2.7	0.0	2.6
Bermuda	122.1	106.3	1.4	7.0	0.6	1.5	120.1	93.1	56.2	65.2	61.6	24.6	0.6	6.2
Cayman Islands	2,230.3	1,272.9	438.7	380.6	341.2	303.3	1,785.3	865.6	1,364.0	700.6	398.4	149.2	6.3	26.8
Curacao	7.7	15.2	2.1	4.2	1.7	0.6	5.5	11.0	1.5	5.5	4.0	5.1	0.0	0.1
Gibraltar	3.7	11.8	1.5	5.0	0.2	1.4	2.2	6.8	0.8	3.1	1.2	3.3	0.0	0.0
Guernsey	121.3	122.1	79.3	99.5	4.9	7.0	42.0	22.3	23.8	14.2	15.0	4.1	0.1	0.4
Hong Kong SAR	962.8	1,359.2	570.2	697.7	395.7	389.2	387.3	641.0	127.1	102.9	205.1	505.1	5.4	20.5
Isle of Man	18.4	37.3	5.9	26.4	4.0	19.4	12.5	10.9	2.1	4.1	9.6	4.3	0.1	0.0
Jersey	185.9	176.5	62.6	123.0	30.8	112.6	123.1	53.4	68.6	33.0	54.5	20.4	0.2	0.1
Lebanon	9.9	40.7	5.8	29.9	0.8	0.8	4.0	10.7	0.1	0.8	3.6	9.6	0.1	0.1
Macao SAR	58.4	105.0	50.3	85.4	31.3	26.5	8.0	19.2	0.1	3.2	7.2	15.0	0.2	0.4
Mauritius	24.3	18.2	3.6	5.8	5.2	1.7	20.3	12.4	8.5	4.7	8.0	6.5	0.4	0.1
Panama	83.9	54.2	10.4	10.3	4.7	3.0	73.3	43.7	11.1	14.7	59.6	27.3	0.2	0.3
Samoa	5.9	21.5	0.0	0.1	0.0	0.0	5.8	21.3	0.9	3.0	4.1	15.3	0.1	0.0
Singapore	673.4	686.7	550.0	498.0	427.4	345.2	121.9	184.3	38.0	56.4	82.8	127.2	1.5	4.4
West Indies UK	294.7	294.5	3.2	2.7	1.1	0.2	287.5	290.6	84.3	98.6	148.7	131.8	4.0	1.2
Emerging market and developing economies	4,108.3	3,465.1	1,980.0	2,134.1	889.1	639.7	2,052.5	1,292.7	283.4	210.4	1,520.6	919.6	75.8	38.4
Developing Africa and Middle East	823.4	1,004.0	330.8	577.2	136.0	92.7	484.7	419.8	55.3	61.9	366.5	297.6	8.0	7.1
Algeria	2.1	6.4	1.5	2.7	0.9	0.2	0.3	2.9	0.0	0.0	0.3	2.9	0.3	0.7
Angola	10.1	20.6	3.9	8.4	0.1	1.2	5.9	11.8	0.0	0.0	5.9	11.8	0.2	0.3
Benin	1.6	0.3	0.1	0.0	0.1	0.0	1.5	0.2	...	0.0	1.5	0.2	0.0	0.0
Botswana	0.8	2.2	0.2	1.6	0.1	0.7	0.6	0.6	0.0	0.0	0.5	0.4	0.0	0.0
Burkina Faso	0.6	0.3	0.2	0.1	0.1	0.0	0.4	0.1	...	0.0	0.4	0.1	0.0	0.0
Burundi	0.6	0.2	0.5	0.1	0.1	...	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Cameroon	5.4	1.8	0.6	0.2	0.3	0.0	4.7	1.5	0.0	0.0	4.7	1.5	0.1	0.0
Cape Verde	0.9	0.7	0.1	0.6	0.0	0.2	0.8	0.1	0.0	0.0	0.8	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	0.0
Chad	1.4	0.2	0.0	0.0	0.0	0.0	1.4	0.2	...	0.0	1.4	0.2	0.0	0.0
Comoros Islands	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	...	...	0.1	0.0	0.0	...
Congo	3.1	1.4	0.3	0.1	0.1	0.1	2.9	1.3	0.0	0.0	2.9	1.3	0.0	0.0
Congo Democratic Republic	3.2	1.8	0.0	0.8	0.0	0.0	3.1	1.0	...	0.0	3.1	1.0	0.0	0.0
Côte d'Ivoire	6.2	1.5	1.3	0.4	0.5	0.1	4.8	1.1	0.1	0.1	4.7	1.0	0.1	0.0
Djibouti	1.4	0.8	0.0	0.6	0.0	0.4	1.4	0.2	...	0.0	1.4	0.2	0.0	0.0
Egypt	36.8	28.9	15.5	16.7	1.3	4.7	21.3	12.1	0.6	0.4	18.4	11.4	0.1	0.1
Equatorial Guinea	0.2	0.4	0.0	0.0	0.0	0.0	0.1	0.3	0.0	...	0.1	0.3	0.0	0.0
Eritrea	0.4	0.7	0.0	0.6	...	...	0.4	0.1	0.0	...	0.4	0.0	...	0.0
Eswatini	0.2	0.9	0.0	0.6	0.0	0.1	0.2	0.3	0.0	0.0	0.2	0.3	0.0	0.0
Ethiopia	9.4	2.2	0.9	1.5	0.0	...	8.5	0.7	0.0	0.1	8.4	0.6	0.0	0.0
Gabon	2.6	1.3	0.1	0.1	0.0	0.0	2.5	1.1	0.0	0.0	2.5	1.0	0.0	0.1

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

Amounts outstanding, in billions of US dollars

Table A3.1

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Gambia	0.1	0.3	0.0	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Ghana	11.1	4.1	2.4	1.3	0.3	0.1	8.7	2.5	0.3	0.3	8.3	2.2	0.0	0.3
Guinea	1.6	0.9	0.6	0.3	0.1	0.0	1.0	0.6	...	0.0	1.0	0.6	0.0	0.0
Guinea-Bissau	0.2	0.1	0.0	0.0	...	...	0.2	0.1	...	0.0	0.2	0.1	0.0	0.0
Iran	1.5	23.2	0.8	12.7	0.2	1.3	0.6	10.4	0.1	8.9	0.4	1.1	0.0	0.0
Iraq	1.9	10.6	0.4	9.1	0.1	0.1	1.6	1.5	0.2	0.0	1.4	1.0	0.0	0.0
Israel	17.5	40.2	5.3	17.3	2.3	9.2	12.0	21.3	1.0	2.3	11.0	18.3	0.1	1.5
Jordan	8.9	17.3	2.7	11.4	1.2	1.4	6.2	5.9	0.1	0.1	4.3	4.0	0.0	0.0
Kenya	14.3	9.6	1.2	6.0	0.4	0.6	13.1	3.5	0.2	0.1	12.4	2.9	0.1	0.0
Kuwait	30.4	104.3	9.6	55.3	0.9	0.9	20.8	47.6	2.5	10.7	10.8	21.4	0.0	1.4
Lesotho	0.1	0.7	0.0	0.4	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0	0.0
Liberia	26.6	9.2	0.0	0.2	0.0	0.0	24.2	9.0	1.2	2.4	22.4	5.7	2.3	0.0
Libya	0.7	44.4	0.2	34.7	0.1	2.5	0.5	9.5	0.0	2.4	0.2	1.7	0.0	0.1
Madagascar	1.1	1.1	0.1	0.3	0.1	0.1	1.0	0.7	0.0	0.0	0.9	0.7	0.0	0.0
Malawi	0.6	0.4	0.0	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.5	0.2	0.0	0.0
Mali	0.9	0.4	0.2	0.1	0.2	0.0	0.7	0.4	0.0	0.0	0.6	0.4	0.0	0.0
Mauritania	0.8	0.8	0.2	0.5	0.0	0.0	0.5	0.3	...	0.0	0.5	0.3	0.0	0.0
Morocco	12.0	7.5	4.2	4.4	2.6	0.7	6.9	3.1	0.0	0.0	6.7	2.8	0.9	0.0
Mozambique	5.7	3.8	0.4	2.6	0.2	0.3	5.3	1.2	0.1	0.1	5.2	1.2	0.0	0.0
Namibia	1.1	1.1	0.4	0.7	0.2	0.4	0.8	0.5	0.1	0.1	0.6	0.4	0.0	0.0
Niger	0.5	0.4	0.0	0.0	0.0	...	0.4	0.3	0.0	0.2	0.4	0.1	...	0.0
Nigeria	30.2	43.3	15.0	32.6	2.7	3.6	15.2	10.7	0.9	1.3	13.8	9.0	0.0	0.0
Oman	23.6	16.6	3.2	6.0	0.0	0.1	20.3	10.7	0.3	0.2	14.8	9.9	0.0	0.0
Palestinian Territory	0.2	0.7	0.1	0.5	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.1	0.0	0.0
Qatar	116.7	54.3	68.2	29.6	33.5	6.0	48.0	24.7	2.3	2.9	39.9	21.1	0.5	0.0
Rwanda	0.2	0.3	0.0	0.2	0.0	...	0.2	0.1	...	0.0	0.2	0.1	0.0	0.0
St Helena	0.0	0.0	...	0.0	...	...	0.0	0.0	...	0.0	0.0	0.0	...	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	...	...
Saudi Arabia	95.6	232.9	22.1	149.5	3.4	0.5	72.0	81.8	14.2	11.3	42.2	55.4	1.5	1.6
Senegal	4.2	1.1	0.5	0.2	0.2	0.0	3.6	0.9	0.0	0.0	3.5	0.9	0.1	0.0
Seychelles	4.3	13.1	0.3	0.2	0.3	0.0	4.0	12.8	1.1	2.7	2.4	8.8	0.1	0.1
Sierra Leone	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.1	...	0.0	0.1	0.1	0.0	0.0
Somalia	0.1	0.1	0.0	0.0	...	...	0.1	0.0	...	...	0.1	0.0	0.0	0.0
South Africa	62.0	40.8	25.5	23.2	14.2	7.2	36.3	17.5	13.1	3.9	23.0	12.1	0.2	0.1
Sudan	2.4	0.6	0.3	0.3	0.0	0.0	2.1	0.2	...	0.0	2.0	0.2	0.0	0.0
Syria	0.2	1.9	0.0	1.0	...	...	0.2	0.9	...	0.0	0.2	0.8	0.0	0.0
Tanzania	4.4	2.9	0.4	1.7	0.1	0.3	4.0	1.2	0.0	0.1	3.9	1.1	0.0	0.0
Togo	1.3	0.3	0.6	0.1	0.0	0.1	0.6	0.2	0.0	0.0	0.6	0.2	0.1	0.0
Tunisia	3.9	6.3	1.2	4.1	0.5	0.4	2.4	2.2	0.0	0.1	2.1	1.8	0.2	0.0
Uganda	3.5	2.6	0.2	1.8	0.2	0.2	3.2	0.8	0.1	0.1	3.2	0.7	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
United Arab Emirates	232.4	226.0	137.5	129.5	68.0	48.3	94.2	95.9	15.7	10.7	58.1	72.6	0.6	0.5
Yemen	0.4	0.7	0.0	0.3	...	...	0.4	0.5	0.0	0.0	0.3	0.4	0.0	0.0
Zambia	8.0	2.6	0.2	1.2	0.1	0.4	7.7	1.3	0.0	0.0	7.6	1.1	0.0	0.0
Zimbabwe	0.3	1.3	0.1	0.4	0.0	0.0	0.3	0.9	0.0	0.0	0.2	0.7	0.0	0.0
Developing Asia and Pacific	2,107.6	1,678.0	1,150.2	1,099.6	490.7	447.5	904.4	562.4	105.8	97.4	653.3	386.2	53.0	16.0
Afghanistan	0.0	4.0	0.0	3.7	...	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.0
Armenia	1.8	0.9	0.7	0.4	0.0	0.0	1.1	0.5	0.1	0.0	1.0	0.5	0.0	0.0
Azerbaijan	4.1	5.6	0.6	3.4	0.0	0.1	3.5	2.2	0.2	0.2	3.2	2.0	0.0	0.0
Bangladesh	15.1	11.8	6.7	10.1	2.8	0.6	8.5	1.6	0.0	0.0	6.6	1.4	0.0	0.1
Bhutan	0.1	0.6	0.0	0.6	...	...	0.1	0.1	...	0.0	0.1	0.1	...	0.0
British overseas territories	0.1	0.2	0.0	0.0	...	...	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0
Brunei	2.7	2.3	0.3	1.0	0.2	0.2	2.4	1.2	0.0	0.5	1.9	0.6	0.0	0.2
Cambodia	11.9	4.3	5.6	2.9	4.9	0.8	6.3	1.4	0.3	0.0	5.6	1.4	0.0	0.0
China	989.8	790.3	602.9	549.5	273.7	270.4	372.6	237.0	45.9	31.8	288.1	191.5	14.3	3.8
Chinese Taipei	141.5	276.8	101.1	145.4	38.7	73.7	39.4	131.2	12.2	30.7	23.1	87.9	1.1	0.2
Fiji	0.6	0.4	0.3	0.2	0.2	0.0	0.3	0.2	...	0.0	0.3	0.2	0.0	0.0
French Polynesia	1.5	1.1	0.8	0.5	0.8	0.4	0.6	0.6	0.0	0.0	0.6	0.5	0.1	0.0
Georgia	1.8	1.0	0.7	0.5	0.0	0.0	1.1	0.5	0.4	0.0	0.7	0.4	0.0	0.0
India	187.0	86.4	74.9	74.5	18.3	19.8	99.1	11.9	10.5	1.7	56.6	8.2	13.0	0.0
Indonesia	126.5	21.3	43.1	14.8	19.4	5.3	76.2	5.9	3.8	0.3	44.8	5.5	7.2	0.5
Kazakhstan	16.4	21.6	2.9	12.3	0.3	0.5	13.5	7.7	0.3	1.1	13.1	6.3	0.0	1.6
Kiribati	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Korea	220.8	126.4	149.8	92.9	72.2	38.3	59.3	25.1	18.3	11.0	37.8	12.9	11.8	8.3
Kyrgyz Republic	2.1	1.2	0.0	0.9	0.0	0.0	2.0	0.4	...	0.0	2.0	0.3	0.0	0.0
Laos	13.2	1.0	2.7	0.7	2.0	0.4	10.5	0.3	0.1	0.0	10.1	0.3	0.0	0.0
Malaysia	83.4	39.6	49.3	18.7	10.5	10.9	31.0	20.3	2.6	6.6	20.0	13.5	3.1	0.6
Maldives	2.1	0.4	0.0	0.2	0.0	0.0	2.1	0.2	...	0.0	1.6	0.1	0.0	0.0
Marshall Islands	37.7	15.5	0.0	0.2	0.0	0.0	37.6	15.2	3.7	3.3	31.9	11.0	0.1	0.1
Micronesia	0.0	0.0	...	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	...
Mongolia	4.6	1.9	0.6	1.5	0.0	...	4.0	0.4	0.0	0.0	3.2	0.4	0.0	0.0
Myanmar	5.0	1.7	4.0	0.8	0.6	0.4	1.0	0.8	0.0	0.0	0.6	0.8	0.0	0.0
Nauru	0.0	0.1	0.0	...	...	...	0.0	0.1	...	...	0.0	0.1	...	...
Nepal	0.5	4.1	0.2	3.5	0.0	0.2	0.4	0.5	...	0.0	0.3	0.5	0.0	0.0
New Caledonia	11.4	1.4	8.3	0.5	8.3	0.3	3.0	0.9	0.0	0.0	3.0	0.9	0.1	0.0
North Korea	0.2	0.2	0.2	0.1	0.0	...	0.0	0.0	...	0.0	0.0	0.0	0.0	0.1
Pakistan	31.1	7.1	2.9	4.4	1.1	0.4	28.2	2.7	0.1	0.1	25.4	2.0	0.0	0.0
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	...	0.0	0.0	...	...
Papua New Guinea	3.0	1.0	0.1	0.3	0.1	0.0	2.8	0.7	0.0	0.0	2.5	0.4	0.0	0.0
Philippines	33.4	23.0	14.6	14.6	4.6	1.7	18.4	8.4	1.7	0.6	11.0	7.7	0.4	0.1
Solomon Islands	0.1	0.4	0.0	0.3	0.0	0.0	0.1	0.1	0.0	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

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Country of residence of counterparty														
Sri Lanka	13.7	2.8	4.3	1.8	1.2	0.5	9.3	0.9	0.1	0.0	8.3	0.6	0.1	0.1
Tajikistan	1.5	0.5	0.0	0.2	...	0.0	1.5	0.2	0.0	0.0	1.5	0.2	0.0	0.0
Thailand	77.3	51.5	53.7	22.0	24.2	13.0	22.0	29.3	3.6	8.7	11.4	20.3	1.6	0.2
Timor Leste	0.0	0.9	0.0	0.9	0.0	0.6	0.0	0.0	...	0.0	0.0	0.0	...	0.0
Tonga	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	...	0.0	0.1	0.0	0.0	0.0
Turkmenistan	3.6	28.8	0.4	28.6	...	...	3.2	0.2	0.0	0.0	3.1	0.2	0.0	0.0
Tuvalu	0.0	0.0	...	0.0	...	...	0.0	0.0	...	...	0.0	0.0	...	0.0
US Pacific islands	1.1	0.1	...	...	...	...	1.1	0.1	0.0	0.0	0.1	0.1	...	0.0
Uzbekistan	9.1	14.3	3.8	10.8	0.0	0.1	5.3	3.5	0.6	0.5	4.7	3.1	0.0	0.0
Vietnam	48.0	19.5	13.3	17.0	6.2	6.9	34.6	2.5	0.8	0.1	26.6	2.4	0.1	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	541.2	368.9	269.2	255.8	153.1	52.7	267.6	105.3	34.3	13.6	212.8	86.8	4.3	7.8
Albania	0.9	2.1	0.4	1.9	0.1	0.3	0.5	0.1	0.0	0.0	0.5	0.1	0.0	0.0
Belarus	10.0	6.9	4.8	5.9	0.1	0.0	5.0	1.0	0.1	0.0	4.9	1.0	0.2	0.0
Bosnia and Herzegovina	2.3	2.7	1.5	2.3	1.1	0.2	0.8	0.4	0.0	0.0	0.8	0.4	0.0	0.0
Bulgaria	9.4	17.7	5.3	15.1	2.9	2.9	4.1	2.5	0.8	0.4	3.3	2.0	0.0	0.2
Croatia	14.5	9.1	6.6	7.2	3.4	0.5	7.9	1.6	2.0	0.0	5.9	1.6	0.0	0.3
Czech Republic	85.8	35.0	67.3	24.4	59.9	6.3	18.5	7.6	1.8	0.6	16.6	6.9	0.1	3.0
Hungary	30.2	19.2	17.5	11.5	12.6	7.0	12.7	7.3	1.4	0.7	11.1	6.6	0.1	0.4
Montenegro	1.7	0.6	0.2	0.4	0.2	0.0	1.4	0.1	0.1	0.0	1.3	0.1	0.0	0.0
North Macedonia	1.7	1.3	0.7	1.1	0.3	0.0	1.0	0.3	0.0	0.1	1.0	0.1	0.0	0.0
Poland	89.1	29.9	40.9	20.0	27.4	2.3	46.0	8.6	7.9	1.1	37.9	7.4	2.3	1.4
Romania	23.0	11.6	9.4	7.7	6.3	3.4	13.3	2.9	4.9	0.1	8.5	2.8	0.3	1.0
Russia	94.7	156.1	33.8	111.0	12.4	21.5	60.6	43.9	3.5	8.1	56.6	33.9	0.3	1.2
Serbia	8.8	3.9	4.3	2.9	3.3	0.2	4.2	1.1	0.7	0.0	3.5	1.0	0.2	0.0
Turkey	156.4	54.6	69.9	31.5	20.1	4.4	85.8	22.9	10.9	2.2	56.2	18.2	0.8	0.2
Ukraine	9.1	10.8	4.3	6.4	1.1	1.5	4.7	4.3	0.2	0.0	4.4	4.3	0.1	0.1
Developing Latin America and Caribbean	636.1	414.2	229.8	201.5	109.4	46.8	395.8	205.2	88.1	37.5	287.9	149.0	10.5	7.4
Argentina	24.6	22.6	4.6	4.2	1.7	0.4	19.7	18.3	3.3	2.9	15.9	15.1	0.2	0.1
Belize	3.6	12.1	0.1	0.4	0.1	0.0	3.4	11.6	1.8	3.7	1.6	7.6	0.0	0.1
Bolivia	1.6	6.9	0.1	4.6	0.0	0.0	1.5	2.2	0.0	0.3	1.4	1.9	0.0	0.0
Bonaire, Sint Eustatius and Saba	0.1	0.1	0.0	0.0	0.0	...	0.0	0.1	...	0.0	0.0	0.1	0.0	0.0
Brazil	262.5	72.7	123.4	45.1	72.3	28.5	136.8	27.1	23.9	6.2	110.2	20.6	2.3	0.4
Chile	55.6	27.3	27.7	14.9	7.4	1.7	26.0	10.3	5.4	2.0	20.2	8.2	2.0	2.2
Colombia	27.4	18.9	9.0	6.2	1.9	1.3	17.7	11.9	2.0	1.8	12.7	6.1	0.7	0.7
Costa Rica	10.3	6.2	5.7	3.1	0.2	0.3	4.5	3.1	0.3	0.2	1.9	1.2	0.0	0.0
Cuba	2.6	3.6	1.8	3.4	0.0	0.0	0.8	0.3	0.0	0.0	0.8	0.2	0.0	0.0
Dominica	0.1	0.5	0.0	0.1	0.0	...	0.1	0.4	0.0	0.2	0.1	0.2	0.0	0.0
Dominican Republic	6.9	8.1	1.6	3.4	0.5	0.1	5.2	4.7	0.4	0.6	3.6	2.3	0.0	0.0
Ecuador	14.0	7.0	1.8	1.6	0.0	0.0	12.1	5.4	0.4	0.4	10.5	3.3	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
El Salvador	4.2	1.9	2.2	0.5	0.5	0.0	2.0	1.4	0.2	0.1	1.2	0.6	0.0	0.0
Falkland Islands	0.0	0.3	...	0.2	...	0.0	0.0	0.2	...	0.0	0.0	0.1	...	0.0
Grenada	0.0	0.3	0.0	0.1	0.0	...	0.0	0.3	0.0	0.2	0.0	0.1	0.0	0.0
Guatemala	7.6	5.2	4.0	1.0	0.1	0.2	3.5	4.2	0.3	0.2	1.3	2.4	0.0	0.0
Guyana	0.3	0.4	0.1	0.2	0.1	0.0	0.2	0.2	0.0	0.0	0.2	0.1	0.0	0.0
Haiti	0.3	0.6	0.1	0.3	0.0	0.0	0.2	0.3	0.0	0.0	0.1	0.2	0.0	0.0
Honduras	2.6	5.6	1.1	3.6	0.0	0.0	1.6	1.9	0.1	0.3	1.1	1.0	0.0	0.0
Jamaica	2.8	2.5	1.1	1.7	0.7	0.4	1.7	0.7	0.3	0.2	1.4	0.5	0.0	0.0
Mexico	133.2	132.2	23.8	73.1	15.6	10.2	104.7	55.4	32.3	9.4	70.1	45.7	4.7	3.7
Nicaragua	1.2	1.9	0.4	0.5	0.0	...	0.8	1.4	0.0	0.1	0.4	0.6	0.0	0.0
Paraguay	1.9	2.3	1.1	1.2	0.1	0.2	0.9	1.1	0.1	0.1	0.7	1.0	0.0	0.0
Peru	35.3	24.3	12.9	14.7	4.8	0.7	22.0	9.6	1.8	1.9	19.2	7.1	0.4	0.1
St Lucia	0.2	0.8	0.0	0.2	0.0	0.0	0.1	0.6	0.0	0.2	0.1	0.3	0.0	0.0
St Vincent and the Grenadines	0.5	1.7	0.0	0.1	0.0	...	0.5	1.6	0.2	0.9	0.3	0.7	0.0	0.0
Suriname	1.1	0.9	0.0	0.5	...	...	1.1	0.4	...	0.0	1.0	0.4	0.0	0.0
Trinidad and Tobago	4.4	6.2	2.5	4.0	2.4	0.1	1.9	2.1	0.2	0.7	1.5	1.4	0.0	0.0
Turks and Caicos Islands	0.8	2.0	0.4	1.4	0.0	0.1	0.4	0.5	0.2	0.2	0.2	0.3	0.0	0.0
Uruguay	7.7	14.0	1.6	7.0	0.9	2.4	6.0	7.0	2.3	2.8	3.6	4.2	0.1	0.0
Venezuela	6.8	24.7	2.4	4.3	0.0	0.1	4.4	20.4	0.3	1.7	3.3	15.1	0.0	0.0
International organisations	261.5	281.0	42.3	54.8	0.2	0.0	213.2	220.1	187.0	166.6	26.1	45.0	6.0	6.2
Unallocated location	227.6	1,790.7	121.1	102.0	553.7	230.2	49.0	22.7	4.7	11.7	44.4	11.0	57.5	1,666.1

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Counterparties in all countries	369.3	311.4	123.7	119.4	-58.1	-15.6	200.7	78.6	172.5	-16.3	5.5	86.7	44.9	113.4
Developed countries	262.6	190.0	142.3	117.3	36.3	34.5	79.4	-11.3	90.7	-61.2	-30.5	46.3	40.9	84.0
European developed countries	242.0	225.6	123.9	125.0	9.1	30.5	86.8	42.5	72.3	10.9	0.5	29.5	31.2	58.1
Euro area	145.1	207.6	95.2	108.0	20.1	21.0	39.3	72.7	36.7	64.5	-5.3	7.5	10.6	26.8
Austria	-2.0	0.6	-0.9	-0.1	-3.1	-0.4	-1.1	0.3	-0.5	-0.2	-0.5	0.5	0.0	0.4
Belgium	-5.5	9.8	-2.8	8.9	-6.3	-5.4	-3.0	-5.0	-1.1	-2.8	-2.1	-2.2	0.3	5.8
Cyprus	-2.2	0.8	-0.8	-0.4	-0.1	0.0	-1.5	1.2	-2.8	0.8	1.3	0.1	0.2	0.0
Estonia	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
Finland	-21.8	3.1	-21.0	6.6	-17.5	1.5	-0.8	-3.7	-1.1	-0.4	0.4	-3.3	0.0	0.2
France	63.4	33.6	84.4	21.6	45.2	-2.8	-20.8	7.7	2.9	8.8	-22.2	-0.6	-0.3	4.3
Germany	61.8	47.0	46.9	35.8	26.0	11.1	14.4	1.1	5.8	8.6	7.8	-7.6	0.6	10.1
Greece	-2.4	1.1	-2.0	1.0	-0.2	-0.4	-0.4	0.0	-0.3	0.1	-0.1	0.0	0.0	0.0
Ireland	5.2	13.6	-13.0	-7.2	-10.8	-9.4	13.7	20.0	7.9	11.8	-0.4	8.3	4.5	0.8
Italy	4.8	17.2	0.1	8.3	0.3	4.9	4.7	7.4	0.1	3.5	3.3	3.8	0.0	1.5
Latvia	0.4	-1.2	0.1	-0.2	-0.2	-0.2	0.4	-1.0	0.4	0.0	-0.1	-1.0	0.0	0.0
Lithuania	0.5	-0.3	0.1	-0.3	0.0	-0.4	0.4	0.1	0.1	0.0	0.4	0.1	0.0	0.0
Luxembourg	16.4	35.0	0.3	10.9	0.0	4.2	13.9	22.4	23.9	16.0	-11.4	6.3	2.3	1.7
Malta	1.1	0.6	0.4	0.0	0.4	-0.3	0.6	0.7	0.2	-0.1	0.4	0.8	0.1	-0.1
Netherlands	15.9	37.1	6.6	15.7	-12.2	8.5	7.1	19.7	1.5	15.0	5.4	4.1	2.1	1.7
Portugal	0.1	-0.9	-1.7	-0.8	-1.4	-0.2	1.8	-0.2	-0.2	-0.3	2.2	0.2	0.0	0.1
Slovakia	-0.2	0.0	-0.2	0.3	-0.2	0.3	0.0	-0.3	-0.1	0.0	0.1	-0.3	0.0	0.0
Slovenia	0.2	0.7	0.1	0.5	0.0	0.0	0.1	0.3	0.0	0.0	0.2	0.2	0.0	0.0
Spain	9.2	9.7	-1.4	7.6	0.1	10.1	9.8	1.9	0.0	3.7	10.0	-2.0	0.8	0.3
Andorra	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Denmark	10.8	4.8	7.5	1.0	6.1	3.4	2.4	2.1	2.5	3.0	-0.2	-0.9	1.0	1.7
Iceland	-0.4	-0.3	0.0	-0.3	...	0.0	-0.4	0.0	-0.2	0.0	-0.2	0.1	0.0	0.0
Liechtenstein	0.9	-0.6	1.0	-0.4	0.6	0.1	-0.1	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.0
Norway	5.1	10.1	2.9	6.1	1.2	5.3	1.7	2.4	0.0	0.4	1.7	1.6	0.5	1.6
Sweden	-4.4	-19.7	-2.4	-21.6	-0.4	-20.5	-0.9	2.0	-3.0	1.7	2.0	0.3	-1.1	0.0
Switzerland	7.5	22.7	0.9	23.8	-3.4	10.4	6.3	-0.9	1.8	0.3	4.0	0.0	0.3	-0.2
United Kingdom	77.0	1.0	18.7	8.6	-15.2	10.8	38.1	-35.7	34.3	-58.8	-1.6	20.8	20.1	28.2
Non-European developed countries	20.0	-35.6	18.3	-7.8	27.2	4.1	-8.1	-53.8	17.8	-72.1	-30.9	16.8	9.7	25.9
Australia	7.5	-0.5	4.7	1.5	3.1	0.4	0.8	-1.2	1.6	-1.8	-0.1	1.4	2.0	-0.8
Canada	21.3	2.6	10.6	1.4	5.0	11.3	10.2	0.4	6.4	1.8	3.8	-1.4	0.5	0.7
Japan	22.4	-46.9	14.1	-31.8	52.5	-20.8	1.6	-16.4	-6.1	-19.3	6.5	0.7	6.7	1.3
New Zealand	-2.8	0.3	-2.7	-0.2	-0.4	0.0	-0.3	0.5	0.1	0.0	-0.1	0.4	0.1	0.0
United States	-28.4	8.9	-8.4	21.3	-33.0	13.2	-20.4	-37.2	15.8	-52.8	-41.1	15.6	0.4	24.7
Offshore centres	53.1	54.3	-30.9	-11.4	-11.0	-29.7	83.2	62.6	63.2	35.6	19.2	19.1	0.8	3.2
Aruba	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
Bahamas	4.7	1.3	2.8	0.9	0.6	-1.6	1.8	1.1	2.2	0.0	-0.5	0.3	0.0	-0.7

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Bahrain	1.5	-1.0	1.1	-2.0	1.8	-1.7	0.4	1.0	0.0	0.2	0.3	0.6	0.0	0.0
Barbados	-2.1	0.2	-4.9	-0.6	0.1	1.9	2.9	0.0	2.8	0.0	0.1	-0.1	0.0	0.8
Bermuda	2.3	10.7	0.2	4.3	0.1	0.0	2.1	6.3	4.6	8.0	-2.4	-1.5	0.0	0.1
Cayman Islands	45.6	5.1	-17.2	-29.7	-9.8	-24.2	62.4	33.8	36.5	22.6	25.0	10.0	0.5	1.0
Curacao	0.7	-1.0	-0.1	-0.5	-0.1	-0.4	0.7	-0.5	0.2	-1.2	0.5	0.6	0.0	0.0
Gibraltar	0.2	2.7	0.1	2.3	0.0	0.0	0.1	0.4	0.0	0.2	0.0	0.1	0.0	0.0
Guernsey	2.6	4.2	3.7	5.9	1.1	0.7	-1.1	-1.7	-1.3	-2.1	-0.1	0.3	0.0	0.0
Hong Kong SAR	7.8	15.2	-2.2	4.1	1.3	-2.9	10.2	10.1	9.4	11.8	0.1	-4.8	-0.2	1.0
Isle of Man	0.2	4.3	-0.6	5.0	-0.5	0.0	0.8	-0.8	0.8	-0.1	0.1	-0.6	0.0	0.0
Jersey	8.8	2.3	-1.2	-2.5	0.6	-0.8	9.9	4.8	9.0	1.9	0.9	2.9	0.1	0.0
Lebanon	-0.3	-2.4	-0.3	-2.6	0.1	0.0	0.0	0.2	0.0	-0.6	-0.1	0.8	0.0	0.0
Macao SAR	-7.0	-1.6	-6.2	-2.3	-3.1	0.7	-0.7	0.6	0.0	-0.1	-0.6	0.7	-0.1	0.0
Mauritius	0.4	-0.1	0.1	-1.3	-0.3	-0.3	0.1	1.2	0.4	1.0	-0.7	0.2	0.2	0.0
Panama	-2.9	-0.5	-2.3	-0.5	-1.1	-0.5	-0.7	0.0	-0.9	-0.4	0.0	0.3	0.1	0.0
Samoa	0.2	1.0	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.3	0.2	0.5	0.1	0.0
Singapore	-8.4	16.6	-2.6	8.5	-1.5	-0.5	-5.9	7.2	0.4	1.0	-6.3	5.9	0.1	1.0
West Indies UK	-0.7	-2.8	-1.1	-0.5	-0.2	-0.2	0.5	-2.2	-1.1	-6.9	2.7	2.9	0.0	-0.1
Emerging market and developing economies	35.2	42.8	1.9	14.2	0.3	13.3	30.6	31.6	11.0	11.8	16.9	24.5	2.6	-2.9
Developing Africa and Middle East	13.7	21.0	9.8	15.1	2.8	-0.3	3.9	7.8	1.7	-1.0	0.1	12.3	0.0	-1.9
Algeria	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
Angola	-0.2	-1.0	-0.1	-0.6	0.0	0.0	-0.1	-0.3	0.0	0.0	-0.1	-0.3	0.0	0.0
Benin	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	...	0.0	0.2	0.0	0.0	0.0
Botswana	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Burkina Faso	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
Burundi	0.0	-0.1	-0.1	0.0	-0.1	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cameroon	0.2	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0
Cape Verde	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
Central African Republic	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chad	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	...	0.0	0.1	0.0	0.0	0.0
Comoros Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	0.0	0.0	0.0	0.0
Congo	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Congo Democratic 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	0.0	0.0
Côte d'Ivoire	0.7	0.1	0.1	0.1	0.1	0.0	0.6	0.0	-0.1	0.0	0.6	0.0	0.0	0.0
Djibouti	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Egypt	-0.6	-0.7	-1.0	-0.4	-0.1	-0.5	0.3	-0.3	0.1	0.0	-0.3	-0.2	0.1	0.0
Equatorial Guinea	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0
Eritrea	0.0	0.0	0.0	0.0	...	...	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0
Eswatini	-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
Ethiopia	-0.3	0.2	-0.1	0.3	0.0	...	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Gabon	-0.4	-0.1	0.0	-0.1	0.0	0.0	-0.4	0.0	0.0	0.0	-0.4	-0.1	0.0	0.0

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

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

Table A3.2

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
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	0.0
Ghana	-1.5	-0.1	-0.1	0.0	-0.1	0.0	-1.4	-0.1	0.0	0.0	-1.4	-0.1	0.0	0.0
Guinea	0.7	0.1	0.5	0.1	0.0	0.0	0.2	0.0	...	0.0	0.2	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	-0.7	-0.1	-2.9	0.0	0.1	0.0	2.2	0.0	2.3	0.0	0.0	0.0	0.0
Iraq	-0.1	2.4	0.0	2.3	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
Israel	1.2	2.5	1.3	2.8	0.0	1.1	-0.2	0.4	-0.1	-0.1	0.0	0.5	0.1	-0.7
Jordan	0.2	0.3	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Kenya	0.0	0.6	-0.1	1.1	0.0	0.0	0.0	-0.4	0.0	-0.2	0.1	-0.2	0.0	0.0
Kuwait	-0.2	-1.1	-0.9	1.2	0.2	0.0	0.7	-1.6	0.5	-0.2	-0.2	0.5	0.0	-0.6
Lesotho	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Liberia	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Libya	-0.1	0.3	0.0	0.0	0.0	-0.1	-0.1	0.3	0.0	0.5	-0.1	-0.2	0.0	0.0
Madagascar	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
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	0.0	-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
Mauritania	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
Morocco	0.1	-0.2	0.1	-0.5	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Mozambique	-0.1	0.0	0.0	0.2	0.0	0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0
Namibia	-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
Niger	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	-0.1	0.0	0.0	0.0
Nigeria	1.5	-0.7	0.7	-0.7	0.0	0.1	0.7	0.0	0.2	-0.1	0.6	0.1	0.0	0.0
Oman	0.9	-0.2	0.1	-0.4	0.0	0.0	0.7	0.1	0.0	0.0	0.5	0.1	0.0	0.0
Palestinian Territory	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
Qatar	6.8	-5.0	7.8	-6.2	6.1	-0.7	-0.9	1.2	0.2	0.0	-1.0	2.2	-0.1	0.0
Rwanda	0.0	-0.2	0.0	-0.2	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	-1.1	24.5	-2.7	18.2	-1.8	-0.6	2.0	7.2	0.1	-0.2	1.0	8.2	-0.4	-0.9
Senegal	0.0	-0.3	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0
Seychelles	0.2	-0.4	0.0	-0.1	0.0	-0.1	0.2	-0.4	0.0	-0.2	0.1	-0.2	0.0	0.0
Sierra Leone	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	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
South Africa	-0.5	-0.1	0.8	0.7	-0.5	-1.0	-1.3	-0.9	-0.6	-1.1	-0.8	0.4	0.0	0.0
Sudan	-0.2	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	...	0.0	-0.1	0.0	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	0.0	0.3	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Togo	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Tunisia	0.0	-0.7	-0.1	-0.9	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0
Uganda	0.2	-1.3	0.1	-1.3	0.1	0.1	0.2	0.0	0.0	0.0	0.2	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
United Arab Emirates	6.0	2.0	3.3	2.1	-1.5	1.2	2.6	-0.3	1.5	-1.6	0.8	1.3	0.1	0.2
Yemen	0.0	0.0	0.0	0.0	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	0.1	0.0	-0.1	0.1	0.0	0.0	0.1	-0.1	0.0	0.0	0.1	-0.1	0.0	0.0
Zimbabwe	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
Developing Asia and Pacific	26.8	19.1	4.4	5.6	-3.2	11.2	19.5	15.1	6.0	8.6	7.7	6.8	2.9	-1.6
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	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
Azerbaijan	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0
Bangladesh	0.6	0.1	0.1	0.1	0.2	-0.3	0.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Bhutan	0.0	0.3	0.0	0.3	...	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
British overseas territories	0.0	-0.2	0.0	0.0	...	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Brunei	0.0	0.2	-0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.1	-0.1	0.0	0.1
Cambodia	-0.1	0.4	0.2	0.1	0.3	0.0	-0.3	0.2	0.0	0.0	-0.4	0.2	0.0	0.0
China	25.1	10.0	12.0	4.8	-2.4	6.6	12.1	6.7	2.1	0.9	6.9	6.0	1.0	-1.5
Chinese Taipei	-9.6	8.1	-9.3	-0.8	-3.0	-2.9	-0.4	8.9	0.7	6.6	-1.6	1.8	0.1	0.0
Fiji	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
French Polynesia	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia	0.0	-0.5	0.0	-0.5	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	-4.0	-0.5	-3.7	-0.7	-1.0	0.9	-0.2	0.3	0.7	0.1	-0.7	-0.3	-0.1	0.0
Indonesia	1.6	0.4	1.3	1.3	-2.1	0.1	0.2	-0.7	0.2	-0.1	-0.5	-0.6	0.0	-0.3
Kazakhstan	-0.4	-0.6	-0.1	-0.1	0.0	-0.2	-0.3	-0.6	0.0	0.2	-0.3	-0.7	0.0	0.1
Kiribati	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Korea	9.9	-2.4	3.3	-0.4	4.4	2.6	4.9	-1.9	1.5	-0.4	2.9	0.0	1.8	0.0
Kyrgyz Republic	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
Laos	0.1	-0.6	0.1	0.1	0.0	0.1	0.1	-0.6	0.0	-0.3	0.0	-0.3	0.0	0.0
Malaysia	1.0	3.9	0.1	2.6	0.5	3.9	1.1	1.0	0.4	0.8	0.4	0.2	-0.3	0.3
Maldives	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	...	0.0	0.1	-0.1	0.0	0.0
Marshall Islands	-0.8	0.2	0.0	0.0	0.0	0.0	-0.9	0.2	0.6	0.2	-1.5	0.0	0.1	0.0
Micronesia	0.0	0.0	...	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	...
Mongolia	-0.1	-0.5	0.0	-0.2	0.0	...	-0.1	-0.3	0.0	0.0	0.0	-0.3	0.0	0.0
Myanmar	0.1	0.2	0.0	0.1	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0
Nauru	0.0	0.0	0.0	...	...	...	0.0	0.0	...	...	0.0	0.0	...	...
Nepal	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	...	0.0	0.0	0.1	0.0	0.0
New Caledonia	-0.2	-0.1	0.1	0.0	0.2	0.0	-0.3	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
North Korea	0.0	0.0	0.1	0.0	0.0	...	-0.1	0.0	...	0.0	-0.1	0.0	0.0	0.0
Pakistan	0.4	-0.1	0.2	0.0	0.0	-0.2	0.2	-0.1	0.0	0.0	0.2	-0.1	0.0	0.0
Palau	0.0	0.0	...	...	...	...	0.0	0.0	...	...	0.0	0.0	...	...
Papua New Guinea	-0.2	0.2	0.0	0.1	0.0	0.0	-0.2	0.1	0.0	0.0	-0.2	0.0	0.0	0.0
Philippines	2.8	-1.0	0.8	-1.1	-0.1	-0.2	1.9	0.1	-0.2	-0.1	1.7	0.2	0.1	0.0
Solomon Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	
Sri Lanka	0.1	0.0	0.1	-0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Tajikistan	-0.1	0.0	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	0.7	4.1	0.2	2.2	-0.3	0.3	0.1	1.8	0.0	1.0	-0.1	0.8	0.4	0.0	0.0
Timor Leste	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	...	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
Turkmenistan	-0.2	0.7	0.0	0.7	...	...	-0.2	0.0	0.0	0.0	-0.3	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
US Pacific islands	0.0	0.0	...	...	...	...	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0	0.0
Uzbekistan	1.5	-1.5	0.4	-1.0	0.0	0.0	1.2	-0.5	0.0	-0.1	1.2	-0.4	0.0	0.0	0.0
Vietnam	-0.4	0.4	-0.3	0.3	0.1	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	0.0
Wallis and Futuna	0.0	0.0	...	0.0	...	0.0	0.0	0.0	...	...	0.0	0.0	0.0	0.0	0.0
Developing Europe	-8.8	-1.7	-6.4	-2.1	-1.1	2.1	-2.2	-0.5	-0.2	1.3	3.2	-0.9	-0.2	0.9	0.0
Albania	0.1	-0.1	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
Belarus	-0.1	0.4	0.1	0.4	0.0	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
Bosnia and Herzegovina	0.0	-1.6	0.1	-1.5	0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Bulgaria	0.1	-0.8	-0.2	-0.8	0.0	-0.5	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Croatia	-1.2	0.5	-0.7	0.4	-0.5	-0.3	-0.5	0.0	0.3	0.0	-0.8	0.0	0.0	0.0	0.1
Czech Republic	-1.8	2.6	-1.7	3.1	1.3	0.1	-0.2	-0.3	-0.2	0.0	0.1	-0.3	0.0	-0.3	0.0
Hungary	-0.4	-1.0	-1.1	-0.6	-1.0	-0.7	0.7	-0.4	0.0	0.0	0.7	-0.3	0.0	0.0	0.0
Montenegro	0.0	-0.2	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
North Macedonia	0.0	-0.2	-0.1	-0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0
Poland	2.0	-1.2	1.0	-2.0	-0.1	-0.6	1.1	0.0	0.2	-0.1	0.9	0.1	-0.1	0.8	0.0
Romania	1.1	-0.5	0.3	-0.8	0.2	-0.2	0.8	0.2	0.2	0.0	0.3	0.2	0.0	0.2	0.0
Russia	1.1	6.6	-0.7	7.0	-0.2	4.7	1.8	-0.5	-0.1	1.1	2.1	-1.6	-0.1	0.0	0.0
Serbia	0.6	0.0	0.3	0.1	0.2	0.0	0.4	0.0	0.1	0.0	0.2	0.0	-0.1	0.0	0.0
Turkey	-10.8	-6.6	-4.2	-7.7	-1.2	-0.6	-6.6	1.1	-0.6	0.4	-0.6	1.7	0.0	0.0	0.0
Ukraine	0.4	0.1	0.2	0.2	0.1	0.4	0.1	-0.1	0.0	0.0	0.1	-0.1	0.0	0.1	0.0
Developing Latin America and Caribbean	3.5	4.4	-5.8	-4.4	1.7	0.4	9.4	9.1	3.5	2.9	5.9	6.3	-0.1	-0.3	0.0
Argentina	-0.9	-0.9	-0.2	-1.4	-0.3	0.0	-0.7	0.5	-0.4	0.1	-0.2	0.4	0.0	0.0	0.0
Belize	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	-0.1	0.0	0.0	0.0
Bolivia	0.1	1.4	0.0	1.5	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	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
Brazil	-3.7	0.2	-5.2	-3.6	2.7	0.8	1.7	3.9	2.4	1.6	-0.7	2.3	-0.2	-0.1	0.0
Chile	2.9	3.4	0.5	1.7	-0.3	-0.1	2.4	1.7	0.5	0.1	1.9	1.6	0.0	0.0	0.0
Colombia	0.5	2.1	-0.2	2.0	0.0	0.5	0.7	0.1	0.2	-0.1	0.4	0.1	0.0	0.0	0.0
Costa Rica	-0.2	0.3	-0.2	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Cuba	-0.1	-0.4	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominica	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	-0.1	-0.1	-0.1	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0
Ecuador	0.7	0.4	0.3	0.1	0.0	0.0	0.4	0.2	0.1	0.0	0.3	0.2	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
El Salvador	0.0	0.0	-0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.0
Falkland Islands	0.0	0.0	...	0.0	...	0.0	0.0	0.0	...	0.0	0.0	0.0	...	0.0
Grenada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	0.2	0.0	0.4	0.1	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1	0.1	0.0	0.0
Guyana	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
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	-0.3	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Jamaica	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Mexico	5.5	3.9	-0.3	-0.4	-0.2	-1.1	5.7	4.4	1.7	0.8	3.9	3.6	0.1	-0.1
Nicaragua	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
Paraguay	-0.2	0.3	-0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peru	-0.1	-6.1	0.1	-5.4	0.0	0.0	-0.2	-0.6	0.0	0.1	-0.2	-0.7	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Suriname	0.0	-0.2	0.0	-0.2	...	...	0.0	0.0	...	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	0.6	0.1	0.0	0.1	0.0	0.0	0.6	0.0	0.1	0.1	0.4	-0.1	0.0	0.0
Turks and Caicos Islands	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uruguay	0.4	0.8	0.0	0.5	0.0	0.0	0.4	0.3	0.3	0.0	0.0	0.3	0.0	0.0
Venezuela	-0.5	-0.8	-0.5	0.5	0.0	0.0	0.0	-1.3	0.0	0.0	0.0	-1.0	0.0	0.0
International organisations	9.9	-3.1	2.9	0.3	0.1	-0.1	6.6	-4.1	7.1	-2.3	-0.4	-3.2	0.4	0.6
Unallocated location	8.5	27.4	7.5	-1.0	-83.7	-33.7	0.9	-0.2	0.5	-0.2	0.4	0.0	0.1	28.6

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Nationality of reporting bank														
Banks in all LBS reporting countries	30,978.9	27,793.7	15,581.7	14,999.3	9,599.8	8,543.6	14,785.5	9,182.8	6,837.2	4,956.2	7,429.6	3,832.6	611.6	3,611.6
Of which:														
Australia	625.3	835.1	381.1	527.9	279.2	250.4	243.4	285.0	122.9	192.5	108.3	82.8	0.9	22.2
Austria	219.3	169.5	102.4	68.2	46.4	14.8	116.6	71.3	40.2	42.9	75.0	28.0	0.4	29.9
Bahamas	11.8	8.0	4.1	4.6	0.0	0.0	7.7	3.4	0.1	0.0	0.0	0.0	...	0.0
Bahrain	32.5	37.8	5.0	7.3	1.8	2.0	27.5	30.5	0.2	...	1.3	1.5	0.0	0.0
Belgium	238.5	232.0	144.9	133.8	85.5	65.2	92.5	31.9	29.5	21.4	63.0	10.4	1.0	66.3
Bermuda	12.9	5.3	5.9	1.4	3.5	0.8	7.0	4.0	0.3	0.5	6.2	3.1	0.0	0.0
Brazil	217.9	238.9	158.6	197.6	133.5	116.4	58.1	40.8	3.8	9.8	42.4	27.9	1.2	0.5
Canada	1,302.8	1,000.6	696.5	505.6	546.3	352.5	604.4	283.7	358.5	162.7	223.8	114.3	1.8	211.2
Cayman Islands	7.3	16.6	5.7	10.4	0.2	2.7	1.6	6.2	0.3	0.4	0.4	0.2	0.0	0.0
Chile	7.9	20.5	4.9	12.4	...	...	0.8	2.9	...	...	...	...	2.3	5.2
China	2,204.2	2,048.0	1,151.0	1,057.9	633.3	542.0	1,052.4	956.5	178.8	165.6	828.2	787.1	0.8	33.6
Chinese Taipei	355.6	207.5	152.3	100.9	40.5	34.9	198.2	106.2	80.7	13.4	109.9	89.2	5.1	0.4
Cyprus	10.3	10.8	3.1	2.9	0.1	2.3	7.2	7.8	4.0	1.8	3.2	6.1	0.0	0.1
Denmark	266.1	239.0	162.0	164.8	100.8	86.3	103.4	68.5	64.9	54.8	38.5	13.7	0.7	5.7
Finland	344.2	461.7	224.3	197.9	132.3	125.0	104.7	59.5	33.6	30.2	71.1	29.3	15.2	204.4
France	3,522.8	3,638.7	1,950.6	1,659.1	1,389.3	1,065.1	1,500.2	1,048.7	772.8	726.4	696.1	299.4	72.0	930.9
Germany	2,608.9	2,374.7	1,464.8	1,209.3	828.1	779.1	1,140.5	438.0	435.4	280.4	669.6	143.0	3.6	727.4
Greece	64.3	43.5	18.5	28.9	4.1	4.5	45.8	14.5	32.5	9.1	13.3	5.4	0.0	0.0
Hong Kong SAR	55.5	49.8	30.2	31.1	11.6	21.0	25.3	18.7	4.5	0.5	20.7	10.6	0.0	0.0
India	181.4	272.2	89.8	91.2	36.5	36.2	91.2	177.6	3.0	9.0	67.5	157.0	0.3	3.4
Indonesia	16.3	14.6	12.2	11.7	4.7	3.2	4.1	2.9	0.0	1.6	2.2	1.1	0.0	0.0
Ireland	95.6	102.1	66.2	82.9	47.1	63.1	29.4	13.3	10.0	6.3	19.4	6.7	0.0	6.0
Italy	754.3	574.4	420.0	421.4	136.5	149.5	342.2	129.5	103.5	90.5	238.7	38.7	-7.9	23.6
Japan	4,762.4	2,103.1	1,690.8	1,654.5	1,085.7	908.6	3,070.4	430.0	1,237.5	278.2	1,784.3	139.3	1.2	18.6
Korea	184.9	179.5	90.0	140.3	45.1	35.5	92.1	36.2	13.9	24.2	73.5	11.7	2.8	3.0
Luxembourg	68.7	36.0	39.0	17.9	7.3	5.9	29.6	17.9	6.5	6.3	21.7	11.2	0.2	0.2
Malaysia	48.8	65.3	28.0	40.6	14.9	9.2	20.8	24.0	1.9	8.2	16.7	13.6	0.0	0.7
Mexico	22.3	23.7	10.7	22.0	0.3	5.3	11.6	1.6	2.0	...	3.7	0.8	...	0.1
Netherlands	1,485.4	1,138.0	752.2	605.0	566.9	463.7	551.4	325.6	189.0	98.5	345.5	221.9	181.9	207.4
Panama	22.3	21.5	11.7	15.1	0.8	2.0	10.6	6.4	0.3	0.0	2.1	1.5	...	0.0
Portugal	64.3	51.4	20.4	19.0	7.9	9.2	43.9	23.9	12.0	5.8	31.9	12.5	0.1	8.4
Singapore	281.4	301.7	126.1	184.9	77.3	90.2	154.8	115.7	3.9	14.5	34.3	31.7	0.5	1.0
South Africa	77.3	65.7	45.5	47.5	14.0	21.6	31.7	17.2	9.3	6.3	21.2	8.9	0.0	1.0
Spain	798.8	637.7	309.0	365.7	161.6	134.1	365.1	123.4	155.1	53.0	197.7	64.3	124.7	148.7
Sweden	385.9	315.5	271.8	261.4	222.8	218.4	114.1	53.4	34.9	21.8	79.1	31.6	0.0	0.8
Switzerland	1,933.8	1,749.8	1,114.1	957.3	735.2	743.7	816.2	680.2	466.1	296.7	285.0	310.4	3.5	112.3
Turkey	73.6	101.9	35.1	59.9	19.8	8.1	38.5	42.0	1.6	7.5	14.3	13.1	0.0	0.0
United Kingdom	3,182.6	3,165.2	1,543.4	1,613.7	703.6	703.3	1,587.2	1,262.8	1,030.3	831.5	505.1	370.0	52.1	288.7
United States	3,607.5	4,043.9	1,759.2	1,881.7	1,240.4	1,206.7	1,846.2	2,099.2	1,317.2	1,401.7	476.9	576.3	2.1	63.0

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Nationality of reporting bank														
Banks in all LBS reporting countries	369.3	311.4	123.7	119.4	-58.1	-15.6	200.7	78.6	172.5	-16.3	5.5	86.7	44.9	113.4
Of which:														
Australia	39.9	26.5	21.4	10.2	11.5	0.8	18.2	17.3	9.0	10.3	9.4	7.0	0.2	-1.0
Austria	8.0	3.8	1.2	-0.3	-1.8	-2.2	6.4	4.8	3.9	4.9	2.5	-0.1	0.3	-0.6
Bahamas	-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
Bahrain	0.5	1.3	0.1	-0.2	0.1	0.5	0.5	1.4	0.0	0.0	0.2	0.2	0.0	0.0
Belgium	0.2	-2.9	1.2	-4.9	-1.8	-5.1	-1.0	1.1	0.0	-0.1	-1.0	1.2	0.0	0.8
Bermuda	-0.5	-0.1	-0.3	-0.1	-0.2	-0.2	-0.1	0.0	0.1	0.0	-0.3	0.0	0.0	0.0
Brazil	-3.3	-2.3	0.9	-2.7	2.0	0.7	-4.1	0.5	-0.8	0.5	-4.9	0.3	-0.1	-0.1
Canada	106.5	74.7	47.0	33.4	34.2	23.4	58.3	22.6	55.7	22.4	-6.1	0.1	1.2	18.7
Cayman Islands	-0.1	-0.5	-0.3	-0.7	-0.3	-0.6	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0
Chile	1.1	2.5	1.6	1.4	...	...	-0.5	0.4	...	...	...	...	0.0	0.8
China	-16.9	46.2	-28.8	16.0	0.9	12.8	11.9	27.1	1.0	20.5	9.6	6.4	0.0	3.1
Chinese Taipei	13.3	1.8	5.6	-0.6	0.8	-0.4	6.2	2.3	0.4	0.6	5.5	1.6	1.5	0.0
Cyprus	0.9	-0.3	0.6	-0.1	0.0	-0.1	0.3	-0.2	0.0	0.0	0.2	-0.2	0.0	0.0
Denmark	3.1	0.8	1.5	-1.0	2.0	-0.1	1.6	1.7	1.3	2.2	0.3	-0.5	0.1	0.0
Finland	0.9	-2.8	2.5	-6.8	8.0	-4.7	-2.1	-2.2	-0.3	-2.4	-1.9	0.2	0.6	6.3
France	167.7	122.5	43.8	40.3	38.6	15.6	133.8	57.1	84.3	40.9	49.5	17.3	-9.9	25.0
Germany	57.7	65.6	32.5	43.6	21.0	18.7	24.7	12.7	3.0	8.7	17.9	2.9	0.5	9.4
Greece	6.8	-0.7	-0.3	-1.4	-0.1	-0.1	7.1	0.7	-0.5	0.0	0.2	0.0	0.0	0.0
Hong Kong SAR	-1.4	-5.7	-0.5	-3.8	0.1	-5.0	-0.8	-1.9	0.0	0.0	-0.9	-1.9	0.0	0.0
India	-6.9	1.7	-3.1	-4.8	-2.8	-0.7	-3.7	5.6	0.2	0.2	-3.6	5.0	0.0	0.8
Indonesia	-1.1	-0.4	-1.3	-1.2	-0.9	0.1	0.2	0.8	0.0	1.0	0.1	-0.2	0.0	0.0
Ireland	-10.5	-12.3	-11.0	-12.2	-8.7	-12.1	0.5	0.0	0.6	3.1	-0.1	-3.1	0.0	-0.1
Italy	30.2	13.6	22.1	12.5	9.6	9.2	9.8	1.7	4.6	0.7	5.2	1.0	-1.8	-0.6
Japan	-124.5	-92.6	-56.2	-77.5	-51.4	-54.5	-68.8	-14.8	34.0	-12.9	-101.0	0.9	0.5	-0.3
Korea	1.9	4.8	-0.6	2.9	2.4	1.9	2.0	2.1	0.2	2.3	1.6	-0.2	0.5	-0.2
Luxembourg	0.2	-1.4	-0.2	-0.6	-0.1	-1.0	0.5	-0.8	0.0	-0.5	0.4	-0.3	0.0	0.0
Malaysia	0.6	0.7	0.4	2.1	0.9	0.4	0.3	-1.4	0.0	-1.0	0.3	-0.6	0.0	0.0
Mexico	0.8	2.6	1.2	2.6	0.1	0.9	-0.3	0.0	-0.4	...	0.2	0.0	...	0.0
Netherlands	58.0	29.2	31.4	4.5	12.7	6.8	-1.9	-8.3	-3.3	-14.1	1.3	6.0	28.6	32.9
Panama	0.7	0.4	0.5	0.0	0.1	0.0	0.3	0.4	0.0	0.0	0.2	0.3	...	0.0
Portugal	0.9	-0.9	-0.6	-0.4	-0.2	0.4	1.5	-0.4	0.3	-0.3	1.3	0.0	0.0	0.0
Singapore	-3.2	-4.3	-3.2	-3.6	-5.0	1.6	0.1	-1.0	0.2	-0.6	0.7	0.8	-0.1	0.2
South Africa	2.7	-0.4	2.0	-1.1	-1.4	-1.7	0.7	0.7	1.6	0.3	-0.8	0.5	0.0	0.0
Spain	-3.6	12.0	-0.1	11.1	-3.0	9.7	-2.4	1.3	-3.6	1.5	-0.6	-0.5	-1.0	-0.4
Sweden	-27.5	-39.4	-36.4	-41.6	-35.2	-36.4	9.0	2.1	3.7	0.1	5.3	2.0	0.0	0.0
Switzerland	-1.7	-17.3	-21.7	-24.9	-62.8	-46.4	20.3	7.9	9.5	-0.8	9.9	4.9	-0.3	-0.3
Turkey	-1.9	-3.8	-2.2	-2.6	-0.7	-0.7	0.4	-1.2	0.2	0.0	0.3	-0.3	0.0	0.0
United Kingdom	114.2	57.8	59.2	69.5	-32.4	9.2	55.5	-26.6	53.0	-46.0	-8.8	14.5	-0.6	15.0
United States	-27.7	27.5	31.8	62.0	7.8	29.9	-62.3	-37.4	-75.5	-58.4	11.8	17.9	2.8	2.8

A5 Location of reporting bank

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

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Banks located in Australia

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

Table A5

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	479,859	725,027	2,638,514	2,167,324	80	57,079
By sector of counterparty						
Banks	267,706	455,124	353,828	389,273	5	\
Of which: intragroup	175,751	193,637	228,046	220,196	0	\
Non-banks	212,148	247,118	2,281,736	1,710,440	47	13
Of which: non-bank financial	97,566	173,601	358,580	558,677	0	3
Of which: non-financial	114,582	73,517	1,923,156	1,151,763	47	10
Non-financial corporations	79,770	42,110	539,294	403,582	45	4
Households	17,747	30,912	1,235,613	684,158	2	6
General government	17,064	494	148,249	64,023	\	1
Unallocated sector	5	22,785	2,950	67,611	28	57,066
By currency						
Local currency	146,094	167,478	2,539,612	2,081,569	66	7,123
Foreign currencies	333,765	557,549	98,902	85,755	14	49,956
Of which: US dollar	214,712	335,201	54,867	65,805	6	24,732
Of which: euro	27,010	104,095	27,932	8,739	2	14,546
Of which: yen	8,704	14,636	1,238	1,669	0	2,240
Of which: pound sterling	18,360	30,209	5,831	4,225	1	3,852
Of which: Swiss franc	474	6,449	760	402	\	60
Of which: other currencies	64,504	66,959	8,273	4,915	5	4,525
By instrument						
Of which: loans and deposits	246,620	247,531	2,087,644	1,722,816	47	37
Of which: debt securities	35,306	275,924	356,961	279,170	\	57,006
By type of bank						
Domestic banks	342,486	555,215	2,322,330	1,900,128	2	50,297
Foreign banks' subsidiaries	5,495	8,967	99,308	86,453	49	27
Foreign banks' branches	131,877	160,845	216,877	180,742	28	6,754

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	274,946	196,167	644,192	611,622	28,028	139,376
By sector of counterparty						
Banks	124,133	79,819	188,158	169,804	2,982	\
Of which: intragroup	50,184	14,871	65,126	45,460	0	0
Non-banks	150,813	85,020	456,034	441,671	0	\
Of which: non-bank financial	46,143	48,052	44,427	45,071	\	0
Of which: non-financial	104,670	36,968	411,607	396,600	0	\
Non-financial corporations	64,685	13,380	186,432	77,773	\	0
Households	8,157	17,041	171,586	291,294	\	\
General government	31,829	6,547	53,590	27,533	...	\
Unallocated sector	\	31,328	\	148	25,046	139,376
By currency						
Local currency	178,974	122,292	606,107	591,239	\	13,897
Foreign currencies	78,838	57,527	32,969	17,234	\	1,973
Of which: US dollar	32,299	39,166	7,367	9,171	0	1,567
Of which: euro	...	...	...	...	...	...
Of which: yen	832	275	983	392	\	0
Of which: pound sterling	4,366	3,719	1,517	1,053	\	\
Of which: Swiss franc	12,781	7,232	21,285	4,002	\	387
Of which: other currencies	28,561	7,134	1,817	2,616	0	19
By instrument						
Of which: loans and deposits	182,987	100,606	540,177	542,726	0	\
Of which: debt securities	59,992	79,280	53,680	65,952	\	15,873
By type of bank						
Domestic banks	204,794	158,242	548,592	504,615	24,070	114,600
Foreign banks' subsidiaries	51,805	29,766	90,077	92,163	3,040	22,992
Foreign banks' branches	18,348	8,159	5,522	14,844	917	1,784

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	161,696	143,064	10,543	15,430	...	...
By sector of counterparty						
Banks	130,724	106,496	4,618	9,272	...	...
Of which: intragroup	85,413	69,040	4,231	7,683	...	...
Non-banks	30,466	34,364	5,524	4,998	...	...
Of which: non-bank financial	9,720	3,691	350	877	...	...
Of which: non-financial	20,746	30,672	5,174	4,121	...	...
Non-financial corporations	\	\	\	\	...	...
Households	\	\	\	\	...	...
General government	\	\	\	\	...	...
Unallocated sector	506	2,204	400	1,160	...	...
By currency						
Local currency	1	96	1,775	1,670	...	...
Foreign currencies	161,695	142,967	8,768	13,760	...	...
Of which: US dollar	132,833	108,596	5,631	11,457	...	...
Of which: euro	8,645	19,258	1,595	647	...	...
Of which: yen	1,946	1,861	15	36	...	...
Of which: pound sterling	2,370	1,820	16	211	...	...
Of which: Swiss franc	6,969	2,085	498	510	...	...
Of which: other currencies	8,932	9,347	1,013	897	...	...
By instrument						
Of which: loans and deposits	103,329	105,346	7,376	8,771	...	...
Of which: debt securities	32,749	21,531	486	1,433	...	...
By type of bank						
Domestic banks	6,744	5,655	3,359	3,752	...	...
Foreign banks' subsidiaries	20,568	15,876	4,441	3,664	...	...
Foreign banks' branches	124,642	113,788	2,162	7,092	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	135,748	141,942	67,537	61,434	98	7
By sector of counterparty						
Banks	45,640	90,716	15,385	14,024	7	1
Of which: intragroup	...	...	...	...	...	...
Non-banks	90,108	51,226	52,152	47,410	91	6
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	135,748	141,942	67,537	61,434	98	7
Of which: US dollar	94,251	105,435	25,155	24,116	96	5
Of which: euro	13,798	13,277	1,058	1,045	2	...
Of which: yen	528	275	52	7	...	...
Of which: pound sterling	4,045	2,014	114	361	2	2
Of which: Swiss franc	259	181	8	5	...	...
Of which: other currencies	22,867	20,760	41,150	35,900	-2	...
By instrument						
Of which: loans and deposits	135,748	141,942	67,537	61,434	98	7
Of which: debt securities	...	...	...	...	...	...
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	481,198	372,127	703,191	805,298	...	...
By sector of counterparty						
Banks	300,518	251,002	88,170	60,671	...	...
Of which: intragroup	190,065	131,822	7,612	21,331	...	...
Non-banks	180,520	80,945	609,346	648,266	...	...
Of which: non-bank financial	58,840	44,591	160,146	48,395	...	...
Of which: non-financial	121,680	36,354	449,200	599,871	...	...
Non-financial corporations	\	\	\	\	...	...
Households	\	\	\	\	...	...
General government	\	\	\	\	...	...
Unallocated sector	159	40,179	5,675	96,361	...	...
By currency						
Local currency	313,339	212,752	694,124	783,387	...	...
Foreign currencies	167,859	159,375	9,067	21,910	...	...
Of which: US dollar	92,564	110,265	6,746	14,286	...	...
Of which: euro	...	...	...	...	...	...
Of which: yen	4,346	3,974	344	332	...	...
Of which: pound sterling	38,250	27,407	981	2,792	...	...
Of which: Swiss franc	2,949	2,797	218	769	...	...
Of which: other currencies	29,750	14,931	778	3,731	...	...
By instrument						
Of which: loans and deposits	327,371	275,309	541,859	667,386	...	...
Of which: debt securities	91,680	32,285	114,953	67,271	...	...
By type of bank						
Domestic banks	146,783	90,387	333,819	386,563	...	...
Foreign banks' subsidiaries	177,764	154,176	342,284	362,794	...	...
Foreign banks' branches	127,200	102,680	23,777	48,066	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	9,925	2,111	5,126	12,201	11	0
By sector of counterparty						
Banks	3,451	681	384	442	\	\
Of which: intragroup	1,521	677	191	249	\	...
Non-banks	6,474	1,430	4,741	11,759	11	\
Of which: non-bank financial	1,874	756	321	5,589	11	\
Of which: non-financial	4,600	674	4,420	6,170	0	\
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	...	\	\	...	...
Unallocated sector	\	0	\	\	\	0
By currency						
Local currency	10	599	3,468	3,517	0	\
Foreign currencies	9,915	1,512	1,658	8,684	11	\
Of which: US dollar	7,329	1,198	1,490	6,843	11	0
Of which: euro	765	135	49	521	0	0
Of which: yen	545	8	2	302	0	\
Of which: pound sterling	559	141	91	444	0	\
Of which: Swiss franc	49	2	10	62	0	\
Of which: other currencies	669	29	16	514	0	\
By instrument						
Of which: loans and deposits	2,676	1,451	4,849	11,819	0	\
Of which: debt securities	7,125	144	81	...	0	...
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	97,915	153,518	1,847,682	1,619,773	301	1,027
By sector of counterparty						
Banks	93,281	152,571	716,974	127,445	300	988
Of which: intragroup	61,578	58,177	...	...	...	...
Non-banks	4,634	947	1,130,708	1,492,328	1	39
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	949	1,014	1,808,118	1,578,986	\	40
Foreign currencies	96,967	152,502	39,563	40,787	301	990
Of which: US dollar	69,395	136,264	37,943	35,224	165	916
Of which: euro	20,411	12,678	1,399	3,583	113	68
Of which: yen	1,063	972	129	154	1	1
Of which: pound sterling	538	659	59	112	10	2
Of which: Swiss franc	192	168	2	12	2	1
Of which: other currencies	5,368	1,761	31	1,702	10	2
By instrument						
Of which: loans and deposits	39,874	131,413	1,383,876	975,667	301	609
Of which: debt securities	5,937	13,356	290,893	411,329	\	418
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	818,647	596,297	2,298,790	1,856,261	11	162,446
By sector of counterparty						
Banks	383,683	223,752	98,230	22,599	\	\
Of which: intragroup	319,074	191,815	5,962	991	0	\
Non-banks	434,001	173,831	2,197,248	1,428,918	10	\
Of which: non-bank financial	261,979	66,315	200,357	86,404	\	\
Of which: non-financial	172,023	107,516	1,996,890	1,342,514	10	\
Non-financial corporations	107,317	87,798	606,526	576,626	\	\
Households	6,270	16,190	1,165,667	722,501	7	\
General government	58,289	3,528	224,697	43,386	\	\
Unallocated sector	\	198,714	3,312	404,745	\	\
By currency						
Local currency	156,297	138,457	2,180,271	1,531,989	8	52,846
Foreign currencies	662,349	457,840	118,519	324,272	3	\
Of which: US dollar	606,359	386,769	111,239	263,969	\	83,490
Of which: euro	14,155	44,925	2,246	38,037	\	\
Of which: yen	13,550	687	97	401	\	\
Of which: pound sterling	13,722	13,559	3,995	12,435	\	\
Of which: Swiss franc	356	1,896	13	\	0	\
Of which: other currencies	14,207	10,004	929	8,032	\	\
By instrument						
Of which: loans and deposits	660,256	595,487	1,931,892	1,846,539	11	\
Of which: debt securities	87,125	\	280,138	\	\	22,101
By type of bank						
Domestic banks	794,207	531,743	2,130,820	1,762,436	5	\
Foreign banks' subsidiaries	\	12,395	\	\	\	\
Foreign banks' branches	11,595	52,158	81,161	35,539	\	3,857

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	658,589	631,202	22,024	50,948	...	...
By sector of counterparty						
Banks	422,085	457,382	4,296	6,552	...	...
Of which: intragroup	390,096	418,173	3,335	4,386	...	...
Non-banks	236,364	171,448	17,708	44,255	...	...
Of which: non-bank financial	153,110	80,996	10,716	32,964	...	...
Of which: non-financial	83,254	90,452	6,992	11,291	...	...
Non-financial corporations	\	\	\	\	...	...
Households	\	\	\	\	...	...
General government	\	\	\	\	...	...
Unallocated sector	140	2,372	20	141	...	...
By currency						
Local currency	15	490	2,210	2,240	...	...
Foreign currencies	658,574	630,712	19,814	48,708	...	...
Of which: US dollar	628,970	603,222	19,026	37,781	...	...
Of which: euro	14,145	12,635	584	1,397	...	...
Of which: yen	1,927	1,320	16	1,408	...	...
Of which: pound sterling	3,283	4,082	65	682	...	...
Of which: Swiss franc	2,847	1,456	...	46	...	...
Of which: other currencies	7,402	7,997	123	7,394	...	...
By instrument						
Of which: loans and deposits	481,787	537,105	12,976	47,483	...	...
Of which: debt securities	62,802	32,998	3,317	1,476	...	...
By type of bank						
Domestic banks	753	347	944	1,217	...	...
Foreign banks' subsidiaries	37,901	22,653	4,012	19,348	...	...
Foreign banks' branches	619,935	608,202	17,068	30,383	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	14,447	36,455	346,878	283,892	...	...
By sector of counterparty						
Banks	10,861	28,205	49,412	5,130	...	...
Of which: intragroup	...	...	...	...	...	...
Non-banks	512	2,847	271,672	193,464	...	...
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	3,074	5,403	25,794	85,297	...	...
By currency						
Local currency	...	...	306,050	254,039	...	...
Foreign currencies	14,447	36,455	40,828	29,853	...	...
Of which: US dollar	12,660	28,788	40,828	29,853	...	...
Of which: euro	1,402	2,136	...	...	...	...
Of which: yen	119	1,844	...	...	...	...
Of which: pound sterling	176	138	...	...	...	...
Of which: Swiss franc	13	2,220	...	...	...	...
Of which: other currencies	77	1,330	...	...	...	...
By instrument						
Of which: loans and deposits	5,534	17,145	267,193	188,149	...	...
Of which: debt securities	1,967	11,360	31,353	61,043	...	...
By type of bank						
Domestic banks	6,960	20,176	196,510	160,645	...	...
Foreign banks' subsidiaries	7,299	16,177	149,119	122,440	...	...
Foreign banks' branches	188	102	1,249	807	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	1,145,852	1,342,957	...	...	...	...
By sector of counterparty						
Banks	570,352	554,886	...	...	...	...
Of which: intragroup	\	\	...	...	...	...
Non-banks	575,500	788,070	...	...	...	...
Of which: non-bank financial	\	\	...	...	...	...
Of which: non-financial	\	\	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	\	\	...	...	...	...
By currency						
Local currency	112,502	430,575	...	...	...	...
Foreign currencies	1,033,350	912,381	...	...	...	...
Of which: US dollar	791,233	538,153	...	...	...	...
Of which: euro	59,581	53,327	...	...	...	...
Of which: yen	7,977	15,471	...	...	...	...
Of which: pound sterling	7,075	1,750	...	...	...	...
Of which: Swiss franc	874	1,649	...	...	...	...
Of which: other currencies	166,610	302,032	...	...	...	...
By instrument						
Of which: loans and deposits	831,881	738,287	...	...	...	...
Of which: debt securities	154,140	213,936	...	...	...	...
By type of bank						
Domestic banks	\	\	...	...	...	...
Foreign banks' subsidiaries	\	\	...	...	...	...
Foreign banks' branches	\	\	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	407,341	213,860	1,512,249	1,653,630	292	326
By sector of counterparty						
Banks	202,142	117,600	376,987	191,639	2	2
Of which: intragroup	96,382	66,775	8,544	12,462	...	...
Non-banks	198,170	93,528	1,081,533	1,372,316	212	220
Of which: non-bank financial	87,041	21,336	99,503	136,957	85	51
Of which: non-financial	111,130	72,192	982,030	1,235,359	127	168
Non-financial corporations	92,156	66,100	427,059	317,627	103	20
Households	5,774	5,551	433,736	854,238	24	149
General government	13,199	541	121,234	63,494	0	...
Unallocated sector	7,029	2,732	53,729	89,676	77	105
By currency						
Local currency	10,105	18,040	1,361,576	1,246,497	98	158
Foreign currencies	397,237	195,820	150,673	407,133	193	168
Of which: US dollar	288,947	161,874	123,198	289,822	122	92
Of which: euro	10,438	6,672	2,305	8,047	3	0
Of which: yen	12,208	4,171	3,341	8,797	0	0
Of which: pound sterling	1,970	640	273	1,429	...	0
Of which: Swiss franc	445	354	53	145	...	0
Of which: other currencies	83,228	22,108	21,502	98,893	68	75
By instrument						
Of which: loans and deposits	212,030	186,691	991,796	1,435,297	100	123
Of which: debt securities	91,773	301	356,733	51,711	106	...
By type of bank						
Domestic banks	299,799	108,897	1,332,955	1,473,760	286	324
Foreign banks' subsidiaries	18,499	30,418	79,488	68,045	0	0
Foreign banks' branches	89,043	74,544	99,806	111,825	6	2

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	12,141	11,071	132	856	...	...
By sector of counterparty						
Banks	4,916	6,505	9	197	...	...
Of which: intragroup	...	...	...	...	...	...
Non-banks	7,225	4,566	123	659	...	...
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	12,141	11,071	132	856	...	...
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	12,141	11,071	132	856	...	...
Of which: debt securities	...	...	...	...	...	...
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	18,670	15,761	52,960	45,306	588	297
By sector of counterparty						
Banks	7,854	4,404	14,284	1,321	1	\
Of which: intragroup	3,743	3,320	50	55	\	\
Non-banks	10,817	11,248	38,676	43,917	180	0
Of which: non-bank financial	4,796	3,198	2,180	5,503	157	0
Of which: non-financial	6,020	8,050	36,496	38,414	23	0
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	\	110	\	68	406	297
By currency						
Local currency	8,711	8,106	50,277	41,213	428	297
Foreign currencies	9,960	7,656	2,682	4,093	160	0
Of which: US dollar	8,303	7,119	1,654	3,210	147	0
Of which: euro	...	...	...	...	...	...
Of which: yen	57	4	43	6	0	0
Of which: pound sterling	554	287	88	529	10	0
Of which: Swiss franc	505	42	518	17	0	0
Of which: other currencies	540	204	379	332	2	0
By instrument						
Of which: loans and deposits	14,081	15,461	44,955	45,089	406	0
Of which: debt securities	4,329	110	7,043	68	180	285
By type of bank						
Domestic banks	9,988	10,000	45,837	37,472	457	297
Foreign banks' subsidiaries	5,944	3,421	6,446	7,153	124	\
Foreign banks' branches	2,738	2,341	677	681	7	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	229,306	172,848	944,940	389,494	3,903	547,604
By sector of counterparty						
Banks	142,922	120,391	295,289	143,897	\	\
Of which: intragroup	92,975	\	160,115	\	\	\
Non-banks	86,382	52,448	649,593	245,542	\	\
Of which: non-bank financial	50,896	41,514	69,203	39,482	0	\
Of which: non-financial	35,486	10,934	580,389	206,059	\	0
Non-financial corporations	17,243	3,944	171,644	44,927	\	0
Households	5,705	5,106	381,389	155,158	0	\
General government	12,538	1,884	27,357	5,974	\	\
Unallocated sector	\	\	\	\	\	547,604
By currency						
Local currency	22,407	34,188	894,236	352,243	\	445,721
Foreign currencies	175,678	106,018	36,719	25,187	157	\
Of which: US dollar	26,382	38,579	6,283	7,160	15	\
Of which: euro	86,944	50,581	23,999	11,485	112	\
Of which: yen	1,109	452	487	823	\	\
Of which: pound sterling	4,909	4,433	732	615	\	\
Of which: Swiss franc	1,507	1,429	950	465	\	\
Of which: other currencies	54,826	10,543	4,268	4,638	\	\
By instrument						
Of which: loans and deposits	162,774	135,448	756,165	376,742	\	\
Of which: debt securities	18,717	...	139,182	...	\	529,176
By type of bank						
Domestic banks	210,379	134,117	775,355	308,314	3,125	479,566
Foreign banks' subsidiaries	...	...	70,200	2,894	\	64,140
Foreign banks' branches	18,927	38,731	99,385	78,286	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	288,325	442,661	485,370	285,149	1,995	1,999
By sector of counterparty						
Banks	194,885	182,698	182,629	75,459	\	\
Of which: intragroup	113,057	119,743	67,324	63,933	\	0
Non-banks	78,230	49,073	299,066	187,190	\	\
Of which: non-bank financial	31,175	29,431	16,389	12,737	\	\
Of which: non-financial	47,055	19,642	282,677	174,453	\	\
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	\	210,890	3,675	22,500	1,935	2,779
By currency						
Local currency	145,272	261,092	481,476	275,356	1,735	1,471
Foreign currencies	\	180,247	3,880	9,739	\	\
Of which: US dollar	48,024	75,934	1,089	3,111	\	\
Of which: euro	...	...	...	...	...	...
Of which: yen	370	5,754	24	84	\	\
Of which: pound sterling	4,665	26,566	80	410	\	\
Of which: Swiss franc	559	4,151	15	58	\	\
Of which: other currencies	\	67,842	2,670	6,076	\	\
By instrument						
Of which: loans and deposits	154,476	175,154	448,979	254,912	496	\
Of which: debt securities	47,709	182,363	11,081	7,906	\	0
By type of bank						
Domestic banks	279,673	355,720	366,379	244,748	1,973	1,999
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	8,474	81,270	111,867	39,303	22	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	3,135,644	3,401,883	6,290,505	5,712,272	\	1
By sector of counterparty						
Banks	1,581,791	1,432,517	2,734,804	2,345,778	\	\
Of which: intragroup	851,644	700,450	1,165,641	1,368,352	\	\
Non-banks	1,491,947	1,057,684	3,555,698	3,370,452	\	\
Of which: non-bank financial	920,007	839,762	369,365	806,555	\	\
Of which: non-financial	571,940	217,921	3,186,333	2,563,897	\	1
Non-financial corporations	333,710	137,377	1,319,160	788,737	\	\
Households	31,359	55,224	1,448,715	1,706,594	-1	\
General government	206,871	25,320	418,458	68,567	\	\
Unallocated sector	61,906	911,682	3	-3,958	\	1
By currency						
Local currency	1,885,167	2,209,479	6,106,079	5,512,968	\	\
Foreign currencies	1,250,477	1,192,404	184,426	199,304	1	1
Of which: US dollar	769,486	877,990	103,167	129,269	-1	\
Of which: euro	...	...	...	...	...	...
Of which: yen	192,273	88,453	5,080	19,737	\	\
Of which: pound sterling	122,076	127,503	18,380	17,838	\	\
Of which: Swiss franc	34,846	25,684	41,391	20,541	\	\
Of which: other currencies	131,796	72,774	16,408	11,919	2	1
By instrument						
Of which: loans and deposits	2,204,088	2,460,135	5,481,082	4,728,078	\	\
Of which: debt securities	603,547	802,001	671,502	617,926	-1	\
By type of bank						
Domestic banks	2,374,326	2,436,066	5,654,933	5,271,584	\	\
Foreign banks' subsidiaries	678,015	747,157	469,804	396,857	\	\
Foreign banks' branches	83,303	218,660	165,769	43,831	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	2,283,094	1,915,510	6,186,348	5,969,280	...	...
By sector of counterparty						
Banks	1,353,221	903,365	2,240,415	1,191,166	...	...
Of which: intragroup	752,068	616,425	...	...	...	...
Non-banks	929,820	301,378	3,945,933	4,107,522	...	...
Of which: non-bank financial	293,383	187,480	231,513	537,233	...	...
Of which: non-financial	636,408	113,866	3,714,419	3,570,288	...	...
Non-financial corporations	425,018	61,066	1,287,066	626,450	...	...
Households	22,206	44,072	1,947,013	2,674,047	...	...
General government	189,088	8,646	480,339	269,790	...	...
Unallocated sector	53	710,767	\	670,592	...	...
By currency						
Local currency	1,601,244	1,160,216	6,095,249	5,833,939	...	...
Foreign currencies	681,783	755,217	91,099	135,338	...	...
Of which: US dollar	493,207	547,023	58,950	90,220	...	...
Of which: euro	...	...	...	...	...	...
Of which: yen	21,278	16,133	2,899	3,531	...	...
Of which: pound sterling	83,212	98,282	13,888	16,850	...	...
Of which: Swiss franc	38,021	18,977	9,748	7,710	...	...
Of which: other currencies	46,065	74,802	5,614	17,027	...	...
By instrument						
Of which: loans and deposits	1,592,397	1,195,574	5,310,325	5,297,783	...	...
Of which: debt securities	574,071	710,688	576,216	670,592	...	...
By type of bank						
Domestic banks	1,720,404	1,338,465	5,314,852	5,178,026	...	...
Foreign banks' subsidiaries	386,291	259,810	568,217	630,762	...	...
Foreign banks' branches	176,566	317,540	303,288	160,487	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	53,538	34,939	212,990	184,346	641	988
By sector of counterparty						
Banks	15,388	26,270	7,109	10,545	190	239
Of which: intragroup	...	...	...	...	...	...
Non-banks	38,150	8,669	205,881	173,801	451	749
Of which: non-bank financial	29,021	7,245	9,989	3,608	451	738
Of which: non-financial	9,129	1,424	195,892	170,193	...	11
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	40,387	32,032	204,607	176,991	255	549
Foreign currencies	13,151	2,907	8,383	7,355	386	439
Of which: US dollar	9,586	2,431	539	5,977	336	155
Of which: euro	...	...	...	...	...	...
Of which: yen	47	6	60	3	0	0
Of which: pound sterling	199	170	18	350	0	10
Of which: Swiss franc	2,312	105	7,765	94	4	40
Of which: other currencies	1,007	195	1	931	46	234
By instrument						
Of which: loans and deposits	24,155	33,542	190,367	184,346	641	988
Of which: debt securities	24,804	...	18,801	...	...	...
By type of bank						
Domestic banks	44,105	29,014	227,695	179,243	751	830
Foreign banks' subsidiaries	12	114	284	91	...	1
Foreign banks' branches	2,319	2,665	2,429	3,200	105	58

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	147,460	97,887	5,252	48,160	1,422	5,774
By sector of counterparty						
Banks	124,805	74,725	213	2,786	1,047	706
Of which: intragroup	105,054	74,417	28	2,149	232	19
Non-banks	22,555	21,853	4,969	44,320	222	507
Of which: non-bank financial	5,328	3,920	1,066	26,824	\	16
Of which: non-financial	17,227	17,933	3,903	17,496	222	491
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	100	1,309	70	1,055	154	4,560
By currency						
Local currency	29,512	17,734	4,229	14,624	465	329
Foreign currencies	117,948	80,153	1,023	33,536	957	5,444
Of which: US dollar	93,424	66,278	574	24,902	775	1,316
Of which: euro	12,350	4,637	317	5,248	113	3,930
Of which: yen	820	637	9	199	19	19
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	3,932	1,976	32	2,022	47	174
Of which: other currencies	7,421	6,624	91	1,164	2	5
By instrument						
Of which: loans and deposits	113,252	92,345	5,071	28,841	1,268	1,251
Of which: debt securities	22,871	5,016	9	15,705	\	4,364
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	23,396	16,587	1,208	6,870	1,393	1,286
Foreign banks' branches	124,064	81,300	4,044	41,289	30	4,488

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	1,566,848	1,220,159	1,482,015	1,841,013	20	85
By sector of counterparty						
Banks	914,049	714,520	333,671	319,304	2	5
Of which: intragroup	512,321	539,638	70,155	97,474	0	3
Non-banks	652,799	505,639	1,148,344	1,521,709	18	80
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	\	\	\	0	0	0
By currency						
Local currency	166,859	245,251	998,306	1,032,744	17	6
Foreign currencies	1,399,989	974,909	483,709	808,269	3	79
Of which: US dollar	888,053	732,913	394,157	603,757	3	74
Of which: euro	83,475	66,134	30,291	25,333	0	1
Of which: yen	140,475	49,788	8,116	13,012	0	0
Of which: pound sterling	23,290	14,024	11,428	16,325	0	1
Of which: Swiss franc	6,750	5,426	1,409	1,268	0	...
Of which: other currencies	257,944	106,623	38,307	148,574	0	3
By instrument						
Of which: loans and deposits	941,676	936,297	1,168,322	1,523,230	0	0
Of which: debt securities	463,157	36,738	246,567	154,269	\	\
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	\	\	\	\	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	70,382	203,804	2,182,572	2,079,974	\	\
By sector of counterparty						
Banks	30,821	26,665	173,722	7,565	\	\
Of which: intragroup	\	\	\	\	\	\
Non-banks	39,442	176,801	2,008,746	7,178	\	\
Of which: non-bank financial	\	\	\	\	\	\
Of which: non-financial	\	\	\	\	\	\
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	\	\	\	\	\	\
By currency						
Local currency	26,265	149,863	2,161,093	2,065,226	\	\
Foreign currencies	44,117	53,942	21,480	14,749	\	\
Of which: US dollar	39,143	43,741	19,949	13,805	\	\
Of which: euro	2,012	1,102	1,272	644	\	\
Of which: yen	242	1,459	21	62	\	\
Of which: pound sterling	680	6,069	137	117	\	\
Of which: Swiss franc	707	469	8	6	\	\
Of which: other currencies	\	\	\	\	\	\
By instrument						
Of which: loans and deposits	65,876	147,621	1,296,563	1,765,075	\	\
Of which: debt securities	2,598	115	599,850	86,079	\	\
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	\	\	\	\	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	17,239	52,149	540,232	487,845	6	702
By sector of counterparty						
Banks	15,480	43,049	96,576	26,321	6	...
Of which: intragroup	6,152	34,489	419	2,061	...	...
Non-banks	1,758	9,098	441,488	460,107	0	702
Of which: non-bank financial	889	6,161	26,418	45,320	...	...
Of which: non-financial	869	2,937	415,069	414,786	0	702
Non-financial corporations	\	\	\	\	...	\
Households	\	\	\	\	\	\
General government	\	\	\	\	...	...
Unallocated sector	\	\	\	\	...	...
By currency						
Local currency	737	4,960	453,874	427,853	...	0
Foreign currencies	16,501	47,190	86,358	59,992	6	0
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	10,632	31,193	452,254	429,438	6	0
Of which: debt securities	1,541	4,037	77,607	9,888	...	...
By type of bank						
Domestic banks	10,547	8,673	379,539	373,479	1	0
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	\	\	\	\	...	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	384,538	352,488	294,675	361,929	\	\
By sector of counterparty						
Banks	231,174	204,824	86,392	43,974	\	\
Of which: intragroup	169,121	170,529	40,692	35,061	0	\
Non-banks	151,569	61,762	203,658	220,240	\	\
Of which: non-bank financial	48,914	44,849	39,299	45,143	\	0
Of which: non-financial	102,655	16,913	164,359	175,097	\	\
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	1,794	85,902	4,625	97,715	\	\
By currency						
Local currency	221,000	209,815	279,064	320,547	\	\
Foreign currencies	163,538	142,673	15,611	41,382	\	\
Of which: US dollar	94,503	95,235	10,028	32,922	0	\
Of which: euro	...	...	...	...	...	...
Of which: yen	8,735	5,673	85	143	\	\
Of which: pound sterling	51,721	28,165	4,882	7,237	\	\
Of which: Swiss franc	2,798	1,296	29	109	\	\
Of which: other currencies	5,780	12,305	587	972	0	\
By instrument						
Of which: loans and deposits	281,478	235,229	227,504	261,159	0	0
Of which: debt securities	66,963	37,901	50,808	20,435	\	\
By type of bank						
Domestic banks	61,603	25,142	206,854	261,770	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	\	\	\	\	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	42,613	32,860	5,774	15,404	41	165
By sector of counterparty						
Banks	34,267	9,027	1,734	1,716	17	4
Of which: intragroup	31,360	7,305	1,706	1,683	\	4
Non-banks	8,344	23,832	3,916	13,089	0	20
Of which: non-bank financial	165	2,954	923	3,461	0	8
Of which: non-financial	8,179	20,879	2,993	9,628	0	12
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	3	0	124	598	24	141
By currency						
Local currency	21,916	14,286	3,272	10,675	33	106
Foreign currencies	20,697	18,574	2,502	4,728	8	59
Of which: US dollar	15,133	13,793	1,986	3,029	8	41
Of which: euro	4,478	3,804	504	1,268	0	13
Of which: yen	39	10	0	5	\	0
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	322	182	0	99	\	1
Of which: other currencies	726	785	12	327	0	4
By instrument						
Of which: loans and deposits	39,433	32,128	5,617	14,694	8	63
Of which: debt securities	3,016	...	...	...	16	...
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	38,062	27,864	3,751	13,846	17	122

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	536,867	649,601	3,754,647	4,172,967	19,135	88,353
By sector of counterparty						
Banks	326,309	547,021	748,647	1,234,637	8	0
Of which: intragroup	81,114	166,402	412,229	423,915	\	0
Non-banks	219,229	102,559	2,702,118	2,031,458	\	\
Of which: non-bank financial	87,009	83,372	332,183	326,751	0	0
Of which: non-financial	132,220	19,187	2,369,935	1,704,707	0	\
Non-financial corporations	43,361	7,792	799,266	349,492	\	\
Households	2,350	8,341	717,986	1,278,496	\	0
General government	86,453	793	852,683	76,719	0	0
Unallocated sector	-8,671	20	303,882	906,873	19,128	88,353
By currency						
Local currency	416,314	568,737	3,715,071	4,103,161	17,853	78,112
Foreign currencies	120,552	80,864	39,576	69,806	1,282	10,241
Of which: US dollar	79,065	66,382	29,207	55,024	511	9,026
Of which: euro	...	...	...	...	...	...
Of which: yen	5,855	1,847	1,659	1,889	10	615
Of which: pound sterling	9,389	6,258	3,644	5,509	322	519
Of which: Swiss franc	3,465	2,145	2,580	2,137	245	1
Of which: other currencies	22,779	4,232	2,486	5,246	194	80
By instrument						
Of which: loans and deposits	271,064	536,244	2,638,407	3,165,263	130	0
Of which: debt securities	121,314	...	622,608	313,149	88	85,094
By type of bank						
Domestic banks	432,859	352,591	3,265,251	3,736,336	16,488	77,321
Foreign banks' subsidiaries	29,969	82,518	317,258	315,684	2,366	10,663
Foreign banks' branches	74,039	214,493	172,139	120,947	281	368

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	3,825,226	1,403,641	21,492,578	23,122,096	87	158,005
By sector of counterparty						
Banks	1,041,557	1,189,849	283,960	420,444	86	0
Of which: intragroup	492,058	705,153	...	...	...	...
Non-banks	2,783,670	213,793	246,245	373,015	1	0
Of which: non-bank financial	1,164,704	178,769	58,289	140,215	\	0
Of which: non-financial	1,618,966	35,023	187,956	232,800	1	0
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	\	0	20,962,373	22,328,637	\	158,005
By currency						
Local currency	988,276	401,272	20,962,373	22,328,637	1	101,365
Foreign currencies	2,836,950	1,002,370	530,205	793,459	86	56,640
Of which: US dollar	1,927,495	808,560	469,392	654,882	84	45,767
Of which: euro	484,063	149,763	40,083	96,712	1	8,123
Of which: yen	...	...	...	...	...	...
Of which: pound sterling	74,201	9,948	4,152	6,200	0	368
Of which: Swiss franc	20,614	33	1,211	743	0	0
Of which: other currencies	330,577	34,066	15,368	34,922	2	2,382
By instrument						
Of which: loans and deposits	735,952	1,403,641	227,125	23,122,096	...	\
Of which: debt securities	\	...	\	...	...	\
By type of bank						
Domestic banks	3,691,489	1,023,727	21,114,550	22,999,109	87	152,585
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	156,870	116,190	2,500	16,405	64	8,293
By sector of counterparty						
Banks	122,130	60,601	39	126	\	1
Of which: intragroup	25,332	6,795	...	...	...	...
Non-banks	34,740	55,589	2,461	16,279	-1	-1
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	65	8,293
By currency						
Local currency	65,391	46,427	...	...	57	1,323
Foreign currencies	91,477	69,764	2,500	16,405	8	6,969
Of which: US dollar	61,315	49,637	325	9,630	6	3,737
Of which: euro	22,596	16,272	2,104	5,699	2	2,034
Of which: yen	484	260	3	40	0	110
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	1,746	1,176	20	378	\	406
Of which: other currencies	5,336	2,419	48	658	0	682
By instrument						
Of which: loans and deposits	141,260	113,906	2,368	16,141	36	39
Of which: debt securities	10,334	1,636	...	15	\	8,204
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	226,674	262,036	2,107,807	1,840,692	461	285
By sector of counterparty						
Banks	99,616	193,625	288,040	136,192	378	210
Of which: intragroup	50,671	76,549	140	448	342	205
Non-banks	101,317	39,930	1,817,345	1,689,219	82	75
Of which: non-bank financial	14,801	28,691	139,461	439,432	\	50
Of which: non-financial	86,515	11,239	1,677,884	1,249,787	82	25
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	25,741	28,481	2,423	15,281	0	0
By currency						
Local currency	996	12,630	1,985,860	1,710,377	\	...
Foreign currencies	199,937	220,925	82,601	94,640	461	285
Of which: US dollar	159,919	175,878	73,595	82,308	450	280
Of which: euro	10,406	13,614	3,004	3,992	10	2
Of which: yen	3,418	3,867	4,512	4,078	0	2
Of which: pound sterling	895	841	88	306	0	0
Of which: Swiss franc	91	1,906	28	89	\	\
Of which: other currencies	25,208	24,818	1,374	3,867	0	0
By instrument						
Of which: loans and deposits	142,228	76,650	1,661,977	1,492,842	99	29
Of which: debt securities	15,291	91,049	330,029	312,047	20	50
By type of bank						
Domestic banks	144,941	135,597	1,914,867	1,718,289	458	284
Foreign banks' subsidiaries	6,353	7,361	80,071	68,557	0	0
Foreign banks' branches	75,380	119,078	112,869	53,847	3	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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	644,952	432,535	271,590	330,135	451	87,776
By sector of counterparty						
Banks	399,390	263,892	138,485	34,766	...	...
Of which: intragroup	273,804	181,823	17,199	17,734	...	...
Non-banks	241,947	161,596	123,852	287,195	451	3
Of which: non-bank financial	64,128	91,530	44,527	208,184	451	3
Of which: non-financial	177,818	70,066	79,326	79,011	...	...
Non-financial corporations	\	\	\	\	...	...
Households	\	\	\	\	...	...
General government	\	\	\	\	...	...
Unallocated sector	3,615	7,047	9,253	8,174	...	87,773
By currency						
Local currency	350,180	227,250	239,216	230,926	430	48,576
Foreign currencies	287,778	194,742	26,944	96,275	21	39,194
Of which: US dollar	189,758	138,801	17,189	62,690	21	31,538
Of which: euro	...	...	...	...	...	...
Of which: yen	9,777	6,381	-707	3,393	...	87
Of which: pound sterling	22,717	18,487	5,295	12,307	...	3,605
Of which: Swiss franc	36,769	7,140	423	4,506	...	1,821
Of which: other currencies	28,757	23,933	4,745	13,379	...	2,143
By instrument						
Of which: loans and deposits	504,193	416,188	244,461	319,744	0	10
Of which: debt securities	131,544	...	16,364	...	451	87,766
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	406,851	297,559	164,502	183,569	399	41,598
Foreign banks' branches	186,080	108,779	43,549	78,079	...	36,515

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	155,912	100,375	83,621	139,769	3	390
By sector of counterparty						
Banks	63,998	44,265	16,391	5,471	\	\
Of which: intragroup	33,213	25,442	1,460	1,146	\	\
Non-banks	91,406	33,714	64,452	112,180	3	390
Of which: non-bank financial	18,729	5,619	129	1,980	\	\
Of which: non-financial	72,676	28,095	64,323	110,200	3	390
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	508	22,396	2,777	22,118	\	0
By currency						
Local currency	1,741	1,482	32,825	42,981	0	10
Foreign currencies	154,171	98,893	50,796	96,788	3	380
Of which: US dollar	89,033	61,155	5,692	25,341	0	241
Of which: euro	5,461	3,711	467	512	0	3
Of which: yen	484	427	13	55	...	...
Of which: pound sterling	256	57	1	187	0	2
Of which: Swiss franc	21	10	4	7	0	0
Of which: other currencies	58,917	33,534	44,619	70,687	3	134
By instrument						
Of which: loans and deposits	122,986	77,979	75,430	120,025	3	390
Of which: debt securities	31,637	22,161	5,366	3,536	\	\
By type of bank						
Domestic banks	544	298	1,324	1,637	\	1
Foreign banks' subsidiaries	54,468	23,905	40,762	72,177	3	1
Foreign banks' branches	100,900	76,172	41,535	65,956	\	388

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	62,663	114,570	626,614	597,137	...	...
By sector of counterparty						
Banks	\	\	\	\	...	...
Of which: intragroup	\	\	\	\	...	...
Non-banks	30,463	27,055	534,009	504,263	...	...
Of which: non-bank financial	\	\	\	\	...	...
Of which: non-financial	\	\	\	\	...	...
Non-financial corporations	\	\	\	\	...	...
Households	\	\	\	\	...	...
General government	\	\	\	\	...	...
Unallocated sector	\	\	...	...	...	...
By currency						
Local currency	\	\	\	\	...	...
Foreign currencies	55,586	73,375	45,886	43,531	...	...
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	42,108	72,149	474,672	487,916	...	...
Of which: debt securities	\	\	\	\	...	...
By type of bank						
Domestic banks	\	\	\	\	...	...
Foreign banks' subsidiaries	\	\	\	\	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	20,620	22,739	763,955	361,202	16,299	19,011
By sector of counterparty						
Banks	11,175	20,612	46,397	25,171	15,513	17,853
Of which: intragroup	...	...	...	...	...	...
Non-banks	9,445	2,126	717,558	336,031	786	1,159
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	1,857	2,943	595,730	319,031	10,387	14,624
Foreign currencies	18,764	19,795	168,225	42,171	5,912	4,388
Of which: US dollar	15,340	19,099	54,256	38,626	\	1
Of which: euro	1,155	97	4,104	14	\	...
Of which: yen	38	225	4	...	...	...
Of which: pound sterling	43	18	352	...	...	...
Of which: Swiss franc	24	356	0	...	...	...
Of which: other currencies	2,165	0	109,509	3,531	5,912	4,387
By instrument						
Of which: loans and deposits	13,478	10,033	687,884	324,679	3,884	2,787
Of which: debt securities	7,143	12,706	56,610	25,021	231	4,523
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

Banks located in Netherlands

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

Table A5

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	1,125,302	876,222	1,603,176	1,158,630	\	566,963
By sector of counterparty						
Banks	487,972	352,316	190,159	44,192	...	...
Of which: intragroup	356,313	295,316	377	\	...	...
Non-banks	444,135	308,467	1,331,628	1,064,800	...	...
Of which: non-bank financial	157,701	89,389	310,911	268,087	...	...
Of which: non-financial	286,435	219,079	1,020,718	796,714	...	...
Non-financial corporations	212,102	\	349,259	273,035	...	...
Households	4,637	32,317	584,593	509,476	...	...
General government	69,696	1,551	86,866	14,203	...	...
Unallocated sector	193,195	215,439	81,389	49,637	\	566,963
By currency						
Local currency	597,102	542,208	1,552,116	1,091,838	\	354,437
Foreign currencies	528,200	334,014	51,060	66,791	192	212,526
Of which: US dollar	373,729	230,112	37,207	55,340	142	138,083
Of which: euro	...	...	...	...	...	...
Of which: yen	12,345	9,707	417	\	\	6,992
Of which: pound sterling	67,546	44,193	7,463	\	26	31,049
Of which: Swiss franc	19,704	\	4,415	937	8	11,502
Of which: other currencies	54,875	44,580	\	5,419	\	24,901
By instrument						
Of which: loans and deposits	753,067	652,279	1,326,115	1,106,299	...	...
Of which: debt securities	112,306	...	172,588	...	...	549,819
By type of bank						
Domestic banks	1,029,074	759,119	1,529,396	1,110,212	\	565,563
Foreign banks' subsidiaries	51,698	52,803	19,257	14,020	\	\
Foreign banks' branches	44,530	64,300	54,523	34,397	351	523

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	182,346	234,297	465,093	360,866	\	\
By sector of counterparty						
Banks	129,348	162,123	\	\	0	0
Of which: intragroup	50,653	136,753	\	\	0	0
Non-banks	52,973	21,905	\	\	0	0
Of which: non-bank financial	13,205	3,790	\	\	0	\
Of which: non-financial	39,767	18,115	\	\	0	0
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	25	50,268	\	\	0	0
By currency						
Local currency	32,900	71,516	438,787	336,111	\	\
Foreign currencies	149,445	162,781	26,306	24,754	\	\
Of which: US dollar	57,386	86,127	9,837	7,274	\	\
Of which: euro	62,854	49,232	8,214	12,131	0	\
Of which: yen	758	664	90	113	\	0
Of which: pound sterling	4,848	7,544	909	750	\	0
Of which: Swiss franc	538	558	1,125	109	0	\
Of which: other currencies	23,061	18,657	6,131	4,376	\	\
By instrument						
Of which: loans and deposits	131,622	173,167	\	\	0	\
Of which: debt securities	26,400	50,268	\	\	\	\
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	50,267	45,828	277	1,938	519	12
By sector of counterparty						
Banks	29,603	25,421	189	184	415	12
Of which: intragroup	...	...	...	...	...	...
Non-banks	20,663	20,407	88	1,754	104	...
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	...	...	...	...	...	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	50,267	45,828	277	1,938	519	12
Of which: US dollar	50,267	45,828	277	1,938	519	12
Of which: euro	...	...	...	...	...	...
Of which: yen	...	...	...	...	...	...
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	...	...	...	...	...	...
Of which: other currencies	0	0	...	...	0	0
By instrument						
Of which: loans and deposits	36,228	29,437	124	1,756	280	1
Of which: debt securities	6,848	15,669	131	144	70	9
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

Banks located in Philippines

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	32,841	24,220	291,806	261,659	\	\
By sector of counterparty						
Banks	16,922	20,174	51,880	9,802	\	\
Of which: intragroup	2,735	5,382	...	...	...	...
Non-banks	15,861	3,354	219,927	241,681	0	\
Of which: non-bank financial	3,999	1,553	18,472	21,233	\	\
Of which: non-financial	11,863	1,801	201,455	220,449	\	\
Non-financial corporations	...	...	\	\	...	...
Households	...	...	\	\	...	...
General government	...	...	\	\	...	...
Unallocated sector	58	692	19,999	10,176	0	\
By currency						
Local currency	409	2,506	261,072	217,021	\	0
Foreign currencies	32,097	21,707	30,734	44,639	\	\
Of which: US dollar	28,560	19,575	30,734	44,639	\	\
Of which: euro	1,042	511	0	0	...	...
Of which: yen	1,294	1,345	\	\	...	...
Of which: pound sterling	210	18	\	\	...	...
Of which: Swiss franc	28	3	\	\	...	...
Of which: other currencies	962	256	...	...	\	\
By instrument						
Of which: loans and deposits	17,837	18,630	220,119	242,043	\	\
Of which: debt securities	13,988	4,861	56,554	8,946	\	...
By type of bank						
Domestic banks	27,431	17,780	272,496	246,468	\	\
Foreign banks' subsidiaries	296	551	2,987	2,318	\	0
Foreign banks' branches	5,114	5,890	16,322	12,873	\	0

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	69,573	72,764	379,202	331,969	3	0
By sector of counterparty						
Banks	21,701	39,240	63,629	35,700	...	...
Of which: intragroup	...	...	12,210	12,366	...	...
Non-banks	47,872	23,823	315,573	259,348	3	0
Of which: non-bank financial	13,355	7,749	39,603	34,745	...	...
Of which: non-financial	34,517	16,073	275,971	224,602	3	0
Non-financial corporations	\	\	...	\	...	...
Households	\	\	...	\	...	...
General government	\	\	...	\	\	\
Unallocated sector	...	9,702	...	36,921	...	...
By currency						
Local currency	58,784	63,985	377,084	325,689	3	0
Foreign currencies	10,790	8,779	2,118	6,279	0	0
Of which: US dollar	5,994	8,144	1,961	5,292	0	0
Of which: euro	...	...	...	...	...	...
Of which: yen	69	10	9	83	0	0
Of which: pound sterling	819	285	89	398	0	0
Of which: Swiss franc	634	21	11	84	0	0
Of which: other currencies	3,274	319	50	424	...	...
By instrument						
Of which: loans and deposits	26,025	58,573	257,667	294,552	3	0
Of which: debt securities	32,259	9,702	103,981	36,921	...	...
By type of bank						
Domestic banks	54,229	36,628	244,793	228,666	...	...
Foreign banks' subsidiaries	10,879	24,642	116,859	93,835	...	...
Foreign banks' branches	4,466	11,494	17,550	9,468	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	210,912	130,950	1,195,472	1,178,998	0	\
By sector of counterparty						
Banks	86,546	51,068	\	\	\	\
Of which: intragroup	2,090	11,998	\	\	\	\
Non-banks	112,216	77,896	\	\	\	\
Of which: non-bank financial	35,038	47,277	\	\	\	\
Of which: non-financial	77,178	30,619	\	\	\	\
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	\
Unallocated sector	12,150	1,986	\	\	\	\
By currency						
Local currency	30,275	67,577	1,059,955	940,016	\	\
Foreign currencies	180,637	63,373	135,517	238,982	\	\
Of which: US dollar	117,575	44,840	93,726	185,695	\	0
Of which: euro	47,550	12,122	38,818	47,398	0	\
Of which: yen	370	349	\	\	\	\
Of which: pound sterling	1,533	83	\	\	\	\
Of which: Swiss franc	1,842	931	\	\	\	\
Of which: other currencies	11,767	5,047	\	\	\	\
By instrument						
Of which: loans and deposits	144,813	71,151	\	\	\	0
Of which: debt securities	35,605	4,571	\	\	\	\
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	828,065	759,009	434,783	353,816	92,655	242,678
By sector of counterparty						
Banks	344,189	502,792	247,139	147,248	28	240,436
Of which: intragroup	\	...	...	...	...	...
Non-banks	351,387	256,218	159,520	206,567	1,077	2,242
Of which: non-bank financial	...	...	...	...	...	...
Of which: non-financial	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	132,488	\	28,125	...	91,550	...
By currency						
Local currency	...	...	...	...	...	...
Foreign currencies	828,065	759,009	434,783	353,816	92,655	242,678
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	695,577	759,009	406,658	353,816	1,105	...
Of which: debt securities	132,488	...	4,786	...	4	...
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	46,879	39,645	361,694	377,874	1	\
By sector of counterparty						
Banks	29,952	32,992	30,266	37,556	\	\
Of which: intragroup	9,443	15,093	...	...	...	...
Non-banks	16,923	6,601	330,698	337,159	\	\
Of which: non-bank financial	6,984	3,858	42,868	142,954	\	-1
Of which: non-financial	9,939	2,743	287,830	194,205	\	1
Non-financial corporations	7,789	1,333	117,722	81,753	\	-1
Households	685	1,225	118,205	91,421	\	\
General government	1,465	185	51,902	21,031	\	1
Unallocated sector	4	52	730	3,159	1	\
By currency						
Local currency	10,248	18,641	351,547	365,646	1	1
Foreign currencies	36,631	21,004	10,147	12,227	\	1
Of which: US dollar	28,358	16,853	8,176	10,182	\	\
Of which: euro	3,415	1,634	1,152	1,222	\	\
Of which: yen	228	283	119	67	\	-1
Of which: pound sterling	2,705	992	369	215	\	1
Of which: Swiss franc	32	139	131	131	1	\
Of which: other currencies	1,893	1,103	200	410	-1	1
By instrument						
Of which: loans and deposits	34,367	25,680	267,741	245,146	\	1
Of which: debt securities	4,257	2,109	69,782	70,578	\	\
By type of bank						
Domestic banks	40,852	30,079	341,794	361,417	1	\
Foreign banks' subsidiaries	84	83	1,954	1,983	\	-1
Foreign banks' branches	5,943	9,484	17,946	14,474	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	638,044	421,223	2,013,662	2,027,993	0	\
By sector of counterparty						
Banks	231,085	238,683	244,836	281,749	0	0
Of which: intragroup	121,560	73,490	39,002	28,571	0	\
Non-banks	281,908	62,089	1,716,105	1,441,822	0	\
Of which: non-bank financial	124,625	23,884	145,271	166,840	\	0
Of which: non-financial	157,283	38,204	1,570,834	1,274,982	0	0
Non-financial corporations	82,070	15,459	528,037	288,873	0	0
Households	12,867	22,429	733,545	906,080	0	0
General government	62,345	316	309,252	80,029	0	0
Unallocated sector	125,050	120,450	52,721	304,422	0	0
By currency						
Local currency	401,852	321,357	1,994,159	1,971,283	0	0
Foreign currencies	236,191	99,865	19,504	56,710	0	0
Of which: US dollar	129,471	71,071	12,193	45,134	0	0
Of which: euro	...	...	...	...	...	...
Of which: yen	1,012	421	3,240	2,289	\	0
Of which: pound sterling	50,882	20,347	2,076	4,318	0	\
Of which: Swiss franc	3,912	609	1,374	2,120	\	0
Of which: other currencies	50,915	7,417	621	2,850	0	0
By instrument						
Of which: loans and deposits	331,744	300,773	1,605,614	1,723,571	0	0
Of which: debt securities	98,307	17,872	300,968	243,310	0	\
By type of bank						
Domestic banks	\	\	\	\	\	\
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	\	\	\	\	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	337,672	259,853	961,744	751,791	64	245,973
By sector of counterparty						
Banks	214,315	203,875	271,659	198,379	0	15
Of which: intragroup	151,927	149,227	164,686	155,423	\	0
Non-banks	123,357	55,978	690,085	348,293	64	57
Of which: non-bank financial	42,805	29,372	28,346	47,017	0	\
Of which: non-financial	80,552	26,606	661,739	301,276	64	57
Non-financial corporations	67,797	22,158	252,748	112,694	\	\
Households	931	2,750	357,202	158,628	0	\
General government	11,824	1,698	51,789	29,954	\	\
Unallocated sector	0	\	\	205,119	0	245,901
By currency						
Local currency	70,380	87,237	919,033	710,869	57	13,850
Foreign currencies	267,292	172,616	42,711	40,922	7	232,124
Of which: US dollar	68,657	87,396	14,319	13,518	7	91,899
Of which: euro	113,120	56,316	21,151	21,189	\	105,153
Of which: yen	1,448	252	36	202	\	8,306
Of which: pound sterling	22,713	14,087	3,034	1,025	0	15,869
Of which: Swiss franc	971	172	330	474	\	1,859
Of which: other currencies	60,383	14,392	3,841	4,514	0	9,037
By instrument						
Of which: loans and deposits	249,808	213,369	809,126	485,212	0	\
Of which: debt securities	22,684	...	94,122	205,119	\	245,901
By type of bank						
Domestic banks	262,546	153,379	744,472	568,406	64	244,726
Foreign banks' subsidiaries	\	\	\	\	\	\
Foreign banks' branches	\	\	\	\	\	\

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	853,554	847,800	1,614,842	1,279,058	7,980	351,218
By sector of counterparty						
Banks	494,019	390,726	624,230	198,338	2	10
Of which: intragroup	181,233	163,934	93,457	37,686	\	\
Non-banks	357,257	454,657	968,216	1,077,964	10	0
Of which: non-bank financial	184,866	169,984	80,145	234,922	1	0
Of which: non-financial	172,391	284,673	888,072	843,042	9	0
Non-financial corporations	79,270	49,142	237,975	187,054	1	0
Households	72,616	232,855	617,640	626,732	5	0
General government	20,240	1,663	32,456	29,255	3	0
Unallocated sector	2,278	2,417	22,396	2,757	7,968	351,208
By currency						
Local currency	135,973	190,738	1,532,784	1,045,445	6,599	306,046
Foreign currencies	717,581	657,062	82,057	233,613	1,381	45,172
Of which: US dollar	469,351	427,110	46,815	121,013	839	30,886
Of which: euro	153,257	160,372	27,763	88,083	404	13,500
Of which: yen	10,644	3,494	973	3,914	11	49
Of which: pound sterling	45,870	37,176	3,253	8,581	54	277
Of which: Swiss franc	...	...	...	...	...	...
Of which: other currencies	38,459	28,910	3,254	12,023	73	459
By instrument						
Of which: loans and deposits	427,421	625,231	1,446,247	1,225,931	1	0
Of which: debt securities	97,584	...	79,904	...	\	101,562
By type of bank						
Domestic banks	719,219	648,995	1,497,466	1,242,898	7,004	333,616
Foreign banks' subsidiaries	121,006	134,379	59,603	30,421	892	16,582
Foreign banks' branches	13,329	64,426	57,773	5,740	84	1,020

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

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	53,543	103,900	250,306	203,936	7,638	53,019
By sector of counterparty						
Banks	46,943	80,203	72,571	24,294	5,303	3,172
Of which: intragroup	25,955	9,747	10	...	1	84
Non-banks	6,600	23,697	177,733	179,391	2,335	11,029
Of which: non-bank financial	728	10,883	5,619	658	2	0
Of which: non-financial	5,873	12,814	172,114	178,732	2,333	11,029
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	0	0	1	251	0	38,817
By currency						
Local currency	7,940	10,690	...	...	1,587	4,766
Foreign currencies	45,603	93,210	250,306	203,936	6,051	48,253
Of which: US dollar	28,239	53,092	120,449	121,423	3,252	36,473
Of which: euro	14,954	38,863	129,011	79,177	2,219	10,949
Of which: yen	125	16	\	\	\	\
Of which: pound sterling	1,377	1,036	\	\	\	\
Of which: Swiss franc	341	96	\	\	\	\
Of which: other currencies	567	107	\	\	\	\
By instrument						
Of which: loans and deposits	46,462	103,900	227,848	203,936	7,638	14,202
Of which: debt securities	1,247	...	22,458	...	...	38,817
By type of bank						
Domestic banks	34,908	71,491	180,927	144,870	5,438	45,164
Foreign banks' subsidiaries	17,785	30,290	65,156	58,893	2,173	7,772
Foreign banks' branches	851	2,120	4,222	173	26	83

Banks located in United Kingdom

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

Table A5

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	4,952,258	4,966,608	6,601,437	5,973,055	\	\
By sector of counterparty						
Banks	2,615,767	2,327,088	2,062,985	2,011,201	\	\
Of which: intragroup	1,836,458	1,350,202	435,058	433,071	\	\
Non-banks	2,302,368	1,714,251	4,363,646	3,500,327	\	\
Of which: non-bank financial	1,417,627	1,272,899	1,214,142	1,105,561	...	\
Of which: non-financial	884,741	441,352	3,149,504	2,394,766	\	\
Non-financial corporations	\	\	\	\	\	\
Households	\	\	\	\	\	\
General government	\	\	\	\	\	...
Unallocated sector	34,123	925,269	174,806	461,527	\	\
By currency						
Local currency	504,056	639,326	5,789,889	4,875,316	\	1
Foreign currencies	4,448,203	4,327,282	811,548	1,097,738	\	\
Of which: US dollar	2,070,526	2,266,945	353,378	467,379	-1	\
Of which: euro	1,612,823	1,528,662	360,191	408,320	\	\
Of which: yen	265,519	164,161	24,545	41,233	\	\
Of which: pound sterling	...	...	...	...	...	...
Of which: Swiss franc	73,956	35,192	4,348	6,864	\	\
Of which: other currencies	425,379	332,322	69,086	173,942	1	\
By instrument						
Of which: loans and deposits	4,210,086	4,043,765	5,414,190	5,687,697	1	\
Of which: debt securities	533,568	921,300	1,054,770	276,041	\	\
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

Banks located in United States

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

Table A5

	Cross-border positions		Local positions		Unallocated positions by residence	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Total	3,031,866	3,400,911	...	...	...	...
By sector of counterparty						
Banks	1,530,828	1,898,687	...	...	...	...
Of which: intragroup	1,334,231	1,390,634	...	...	...	...
Non-banks	1,501,038	1,502,224	...	...	...	...
Of which: non-bank financial	1,112,790	1,020,601	...	...	...	...
Of which: non-financial	388,248	481,623	...	...	...	...
Non-financial corporations	...	...	...	...	...	...
Households	...	...	...	...	...	...
General government	...	...	...	...	...	...
Unallocated sector	\	\	...	...	...	...
By currency						
Local currency	2,645,258	3,124,008	...	...	...	...
Foreign currencies	386,608	276,902	...	...	...	...
Of which: US dollar	...	...	...	...	...	...
Of which: euro	148,691	137,611	...	...	...	...
Of which: yen	69,502	43,080	...	...	...	...
Of which: pound sterling	55,860	42,143	...	...	...	...
Of which: Swiss franc	3,379	3,238	...	...	...	...
Of which: other currencies	109,176	50,830	...	...	...	...
By instrument						
Of which: loans and deposits	3,014,340	3,287,256	...	...	...	...
Of which: debt securities	17,526	113,655	...	...	...	...
By type of bank						
Domestic banks	...	...	...	...	...	...
Foreign banks' subsidiaries	...	...	...	...	...	...
Foreign banks' branches	...	...	...	...	...	...

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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Banks' cross-border positions on residents of All countries (total)

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	30,978,867	27,793,665	15,581,714	14,999,310	6,837,184	4,956,222	7,429,595	3,832,574	2,754,047	1,327,476	289,876	770,889	1,282,159	119,593	3,103,513	1,614,617
By instrument																
Loans and deposits	20,939,218	21,648,520	12,236,183	13,486,859	4,228,037	4,324,761	3,763,108	3,237,601	2,132,377	1,205,767	281,269	685,073	207,200	107,183	1,142,261	1,239,577
Debt securities	6,716,472	3,739,146	1,729,578	508,065	812,508	256,204	1,643,489	101,867	269,265	9,551	560	2,333	1,067,726	2,419	305,938	87,564
Other instruments	3,116,388	2,224,683	1,413,524	991,399	629,871	228,343	401,680	370,820	351,187	94,341	6,591	2,827	6,054	9,120	37,848	264,531
Unallocated	206,789	181,317	202,429	12,986	1,166,768	146,914	1,621,318	122,287	1,218	17,815	1,455	80,656	1,179	871	1,617,466	22,944
By currency																
All instrument																
US dollar	14,637,042	13,473,142	7,156,607	7,518,212	3,390,398	2,618,845	3,604,463	1,869,125	1,260,761	633,195	41,791	212,886	455,928	40,190	1,845,984	982,854
Euro	9,341,414	8,601,940	5,062,685	4,549,746	1,725,373	1,447,033	2,198,994	775,742	1,000,757	399,165	126,515	261,371	656,280	59,683	415,442	55,522
Yen	1,908,733	913,626	715,249	606,923	726,887	146,226	390,535	48,324	5,106	13,617	1,577	2,808	75,084	4,135	308,768	27,764
Pound sterling	1,389,462	1,343,627	606,487	621,520	397,468	282,720	323,911	175,791	191,929	84,168	35,105	70,253	28,049	7,531	68,829	13,839
Swiss franc	430,021	341,876	280,354	193,053	52,456	38,648	90,326	66,649	29,030	14,476	34,111	48,206	8,847	956	18,338	3,012
Other currencies	1,268,872	1,716,008	645,674	898,503	233,861	244,869	384,863	512,124	114,239	116,395	43,895	160,704	12,797	4,193	213,932	230,832
Unallocated	2,003,323	1,403,446	1,114,659	611,353	310,740	177,881	436,503	384,819	152,225	66,459	6,883	14,660	45,174	2,905	232,220	300,794
Of which:																
loans and deposits																
US dollar	10,605,302	11,331,254	5,921,102	6,949,951	2,339,211	2,344,931	1,931,768	1,657,831	1,018,343	592,304	35,973	144,438	62,748	36,282	814,705	884,807
Euro	6,195,240	6,392,048	3,926,230	4,233,800	1,092,248	1,338,743	1,084,709	755,507	773,871	390,934	125,681	256,088	114,533	54,787	70,625	53,698
Yen	917,851	777,864	584,667	580,848	205,877	130,325	30,824	47,520	8,055	13,371	1,542	2,800	4,629	4,134	16,598	27,215
Pound sterling	1,031,607	1,064,267	497,538	587,453	289,189	270,888	219,020	160,614	160,834	76,613	34,865	63,215	8,304	7,296	15,017	13,491
Swiss franc	290,418	255,926	212,921	155,248	18,358	31,535	56,213	65,873	16,396	14,027	33,717	48,009	4,739	929	1,362	2,908
Other currencies	880,263	1,057,288	424,860	487,915	152,773	92,419	302,293	430,418	72,106	55,524	43,765	159,321	2,373	1,458	184,050	214,115
Unallocated	1,018,536	769,872	668,865	491,644	130,380	115,921	138,280	119,838	82,773	62,995	5,727	11,202	9,875	2,299	39,905	43,342

Banks' cross-border positions on residents of All countries (total)

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	30,978,867	20,939,218	14,785,523	8,662,110	27,793,665	21,648,520	9,182,756	7,952,141
By location of banking office								
Australia	479,859	246,620	212,148	97,169	725,027	247,531	247,118	71,639
Austria	274,946	182,987	150,813	100,640	196,167	100,606	85,020	52,757
Belgium	481,198	327,371	180,520	106,669	372,127	275,309	80,945	74,135
Brazil	97,915	39,874	4,634	321	153,518	131,413	947	810
Canada	818,647	660,256	434,001	288,005	596,297	595,487	173,831	173,831
Chile	14,447	5,534	512	455	36,455	17,145	2,847	379
Chinese Taipei	407,341	212,030	198,170	77,764	213,860	186,691	93,528	86,039
Denmark	229,306	162,774	86,382	57,375	172,848	135,448	52,448	43,259
Finland	288,325	154,476	78,230	34,972	442,661	175,154	49,073	31,549
France	3,135,644	2,204,088	1,491,947	990,592	3,401,883	2,460,135	1,057,684	1,057,684
Germany	2,283,094	1,592,397	929,820	609,693	1,915,510	1,195,574	301,378	301,378
Greece	53,538	24,155	38,150	10,720	34,939	33,542	8,669	8,669
Guernsey	147,460	113,252	22,555	12,696	97,887	92,345	21,853	21,391
Hong Kong SAR	1,566,848	941,676	652,799	312,223	1,220,159	936,297	505,639	404,183
Ireland	384,538	281,478	151,569	94,704	352,488	235,229	61,762	53,327
Isle of Man	42,613	39,433	8,344	6,471	32,860	32,128	23,832	23,545
Italy	536,867	271,064	219,229	68,721	649,601	536,244	102,559	68,525
Japan	3,825,226	735,952	2,783,670	177,652	1,403,641	1,403,641	213,793	213,793
Jersey	156,870	141,260	34,740	25,594	116,190	113,906	55,589	55,458
Korea	226,674	142,228	101,317	91,211	262,036	76,650	39,930	22,568
Luxembourg	644,952	504,193	241,947	164,699	432,535	416,188	161,596	160,081
Macao SAR	155,912	122,986	91,406	71,819	100,375	77,979	33,714	33,714
Mexico	20,620	13,478	9,445	3,931	22,739	10,033	2,126	683
Netherlands	1,125,302	753,067	444,135	336,147	876,222	652,279	308,467	308,423
Philippines	32,841	17,837	15,861	7,917	24,220	18,630	3,354	3,078
South Africa	46,879	34,367	16,923	11,878	39,645	25,680	6,601	4,358
Spain	638,044	331,744	281,908	102,496	421,223	300,773	62,089	62,089
Sweden	337,672	249,808	123,357	91,298	259,853	213,369	55,978	36,807
Switzerland	853,554	427,421	357,257	221,185	847,800	625,231	454,657	281,997
United Kingdom	4,952,258	4,210,086	2,302,368	1,729,874	4,966,608	4,043,765	1,714,251	1,714,251
United States	3,031,866	3,014,340	1,501,038	1,491,037	3,400,911	3,287,256	1,502,224	1,416,554

Banks' cross-border positions on residents of Argentina

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	24,557	22,566	4,635	4,159	3,271	2,934	15,888	15,135	6,490	1,080	602	5,016	2,226	194	6,569	8,845
By instrument																
Loans and deposits	21,819	21,313	3,062	3,955	3,178	2,849	14,686	14,303	6,367	989	600	4,331	1,720	194	5,999	8,790
Debt securities	1,255	125	374	...	15	47	603	56	56	...	...	...	515	...	...	...
Other instruments	1,482	198	1,199	18	60	1	61	70	67	68	2	1	-11	0	2	0
Unallocated	1	930	0	186	18	37	538	706	0	23	0	684	2	...	536	...
By currency																
All instrument																
US dollar	20,656	18,955	2,940	2,524	3,097	2,849	13,916	13,387	6,033	843	287	3,622	1,178	189	6,418	8,732
Euro	1,471	2,183	407	774	87	49	953	1,252	360	164	249	1,046	271	5	73	37
Yen	53	23	12	6	24	3	15	13	0	0	0	2	1	0	14	11
Pound sterling	65	813	40	705	8	2	12	75	0	0	5	68	4	0	3	7
Swiss franc	752	127	4	4	0	2	746	121	0	3	55	116	690	0	1	2
Other currencies	96	235	83	27	4	6	7	200	1	5	4	147	1	1	2	48
Unallocated	1,464	228	1,150	119	51	25	238	87	97	64	1	14	81	0	59	8
Of which:																
loans and deposits																
US dollar	19,111	17,871	2,117	2,321	3,032	2,764	13,085	12,625	5,927	818	286	2,943	956	188	5,916	8,676
Euro	1,179	2,088	317	774	87	49	769	1,251	360	164	249	1,046	101	5	59	37
Yen	46	23	12	6	24	3	1	13	0	0	0	2	0	0	1	11
Pound sterling	56	810	40	705	8	2	8	73	0	0	5	65	0	0	3	7
Swiss franc	729	124	4	4	0	2	725	118	0	0	55	116	669	0	1	2
Other currencies	92	234	81	27	4	6	6	200	1	5	4	147	0	1	2	48
Unallocated	606	162	491	119	23	25	91	23	80	1	1	12	-7	0	17	9

Banks' cross-border positions on residents of Argentina

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	24,557	21,819	19,727	18,648	22,566	21,313	18,262	17,344
By location of banking office								
Australia	1	1	1	1	204	204	204	204
Austria	12	11	12	11	33	32	32	32
Belgium	56	55	5	5	120	118	56	55
Brazil	611	...	...	...	30	30	1	1
Canada	\	1	\	1	\	\	73	73
Chile	132	132	72	72	26	26	12	12
Chinese Taipei	2	1	1	1	3	3	3	3
Denmark	14	0	13	0	14	14	13	13
Finland	4	4	1	1	1	1	1	1
France	691	430	516	411	194	194	189	189
Germany	531	\	\	\	546	\	\	\
Greece	...	...	...	...	...	...	...	...
Guernsey	10	...	5	...	5	5	5	5
Hong Kong SAR	73	38	38	36	45	45	38	38
Ireland	0	0	0	0	14	2	1	1
Isle of Man	0	0	0	0	19	19	19	19
Italy	58	46	56	44	124	124	113	113
Japan	583	\	556	\	25	\	13	\
Jersey	1	1	1	1	91	91	91	91
Korea	57	57	8	8	14	14	14	14
Luxembourg	54	54	28	28	72	71	64	64
Macao SAR	62	62	62	62	0	0	0	0
Mexico	168	168	163	163	0	0	...	...
Netherlands	2,748	2,672	2,693	2,646	\	\	122	122
Philippines	1	...	1	...	2	2	2	2
South Africa	...	...	...	...	2	2	2	2
Spain	1,511	1,167	1,137	1,074	1,007	922	851	851
Sweden	44	44	44	44	3	3	3	3
Switzerland	710	625	695	624	3,495	2,561	3,307	2,559
United Kingdom	2,835	2,622	2,449	2,248	472	472	415	415
United States	6,895	6,843	5,262	5,217	13,186	13,093	11,452	11,358

Banks' cross-border positions on residents of Australia

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	459,486	235,984	288,104	173,844	45,988	28,811	100,738	25,055	21,459	6,142	2,146	6,086	4,870	548	72,262	12,279
By instrument																
Loans and deposits	270,491	206,935	185,090	151,312	20,203	26,981	38,001	22,531	17,055	5,381	2,129	5,890	238	498	18,580	10,762
Debt securities	157,190	10,421	82,058	7,823	5,625	409	13,913	688	3,162	...	0	1	4,601	...	6,150	...
Other instruments	31,561	18,266	20,717	14,708	2,422	1,031	2,800	806	1,237	753	16	2	31	50	1,516	1
Unallocated	244	362	239	2	17,739	390	46,024	1,029	6	8	2	193	0	0	46,016	828
By currency																
All instrument																
US dollar	196,692	117,139	139,653	92,846	7,056	10,102	34,543	9,917	9,611	1,472	76	640	31	377	24,825	7,428
Euro	46,346	16,280	38,534	11,093	2,174	2,370	3,300	1,852	1,625	117	532	1,356	83	56	1,060	323
Yen	13,351	10,098	8,870	8,710	815	842	383	168	1	3	3	8	0	11	379	146
Pound sterling	7,188	9,057	3,853	6,003	823	598	1,974	1,998	876	80	958	1,825	-5	27	145	67
Swiss franc	2,100	852	1,380	448	326	129	240	235	109	1	128	214	0	8	3	12
Other currencies	16,562	18,749	14,680	11,077	264	1,682	1,606	5,593	427	1,361	356	1,680	22	54	802	2,498
Unallocated	177,248	63,808	81,135	43,668	34,530	13,087	58,692	5,292	8,810	3,108	94	364	4,740	14	45,048	1,806
Of which:																
loans and deposits																
US dollar	146,345	107,425	109,589	84,942	4,065	9,692	20,379	9,034	8,398	1,454	70	486	1	377	11,911	6,718
Euro	25,872	15,650	21,437	10,827	910	2,354	2,040	1,851	796	117	531	1,356	27	56	687	323
Yen	6,900	9,768	4,179	8,390	515	835	32	168	1	3	3	8	0	11	28	146
Pound sterling	4,561	8,929	2,117	5,891	756	592	1,342	1,990	271	80	958	1,817	0	27	113	67
Swiss franc	771	664	251	276	280	113	149	234	18	1	128	214	0	8	3	12
Other currencies	9,201	11,604	7,650	6,117	216	763	1,334	4,721	279	641	354	1,693	0	5	700	2,382
Unallocated	76,841	52,896	39,867	34,869	13,460	12,631	12,725	4,532	7,292	3,086	85	317	209	14	5,138	1,115

Banks' cross-border positions on residents of Australia

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	459,486	270,491	161,650	85,166	235,984	206,935	59,515	55,161
By location of banking office								
Australia	...	...	...	...	...	...	...	...
Austria	485	104	96	93	97	68	51	51
Belgium	1,353	535	442	283	274	259	208	206
Brazil	7	7	...	...	15	15	...	...
Canada	4,346	1,497	906	806	4,335	4,335	270	270
Chile	6	6	1	1	4	4	4	4
Chinese Taipei	16,762	6,894	2,722	1,709	1,653	1,314	292	221
Denmark	439	349	316	272	422	373	373	361
Finland	485	14	13	11	805	20	17	17
France	13,356	7,979	5,511	1,855	15,630	15,614	1,344	1,344
Germany	22,429	\	\	\	3,421	\	\	\
Greece	...	...	...	...	...	...	...	...
Guernsey	580	30	98	22	84	84	84	84
Hong Kong SAR	77,487	36,282	20,298	11,572	21,914	13,433	6,511	5,449
Ireland	2,055	549	1,209	433	168	99	97	96
Isle of Man	112	6	64	6	360	359	360	359
Italy	538	123	101	21	137	136	71	71
Japan	98,748	\	63,755	\	8,760	\	411	\
Jersey	112	57	53	43	494	494	493	493
Korea	4,678	3,584	3,282	3,213	6,079	179	310	65
Luxembourg	4,481	2,617	1,100	982	241	230	142	142
Macao SAR	2,027	1,600	238	238	1,599	824	14	14
Mexico	0	0	0	0	7	7	...	...
Netherlands	\	\	1,968	\	3,395	3,045	\	\
Philippines	372	195	44	35	161	150	24	24
South Africa	343	174	223	141	150	89	26	26
Spain	828	486	466	286	442	234	80	80
Sweden	449	274	245	240	291	262	248	246
Switzerland	4,852	1,518	1,020	345	1,403	828	842	457
United Kingdom	56,750	45,911	22,802	16,177	61,842	61,842	21,252	21,252
United States	44,930	44,626	6,070	6,042	29,031	27,608	10,853	10,566

Banks' cross-border positions on residents of Belgium

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	358,718	467,100	217,787	229,117	19,222	12,097	117,830	49,774	49,074	27,228	13,695	15,454	32,988	4,253	22,074	2,839
By instrument																
Loans and deposits	211,341	280,441	149,359	219,177	8,970	11,474	52,209	49,120	34,525	27,118	13,677	15,101	3,146	4,247	861	2,653
Debt securities	82,484	172,049	16,518	1,508	5,260	524	39,200	133	8,530	2	10	19	30,088	5	572	107
Other instruments	59,077	14,114	46,093	8,418	1,771	83	6,007	93	6,016	99	8	-84	-286	1	268	78
Unallocated	5,816	496	5,817	14	3,220	17	20,415	429	2	10	0	418	39	...	20,373	...
By currency																
All instrument																
US dollar	65,169	71,562	53,396	36,854	3,186	2,311	8,181	9,086	6,302	6,193	167	1,270	893	212	818	1,412
Euro	277,482	334,013	152,380	171,853	14,923	9,048	107,049	34,496	41,231	17,776	12,887	11,832	32,045	3,888	20,886	1,000
Yen	1,251	9,248	998	3,241	15	44	157	299	36	181	1	22	0	0	121	97
Pound sterling	4,085	31,199	2,327	10,461	758	302	940	1,468	744	1,091	95	370	48	1	52	6
Swiss franc	2,874	2,344	2,263	950	15	67	589	776	132	237	449	539	0	0	8	1
Other currencies	2,201	5,205	1,924	2,950	89	162	185	2,092	77	312	92	1,333	0	152	16	295
Unallocated	5,655	13,529	4,498	2,809	235	163	729	1,556	552	1,438	3	89	1	0	173	29
Of which:																
loans and deposits																
US dollar	55,518	46,257	46,594	35,210	1,401	2,029	7,214	8,610	6,338	6,148	167	951	1	212	708	1,299
Euro	141,298	207,259	91,601	164,082	6,596	8,755	42,863	34,314	26,734	17,752	12,877	11,752	3,144	3,882	108	928
Yen	1,084	3,505	964	3,121	15	44	41	299	35	181	1	22	0	0	6	97
Pound sterling	3,561	12,261	2,012	10,425	726	301	804	1,468	703	1,091	95	369	0	1	6	6
Swiss franc	2,780	1,761	2,199	928	15	66	562	763	115	236	447	526	0	0	0	1
Other currencies	2,015	5,046	1,857	2,748	4	144	153	2,154	49	286	89	1,421	0	152	15	294
Unallocated	5,084	4,352	4,132	2,664	214	135	571	1,512	551	1,423	1	61	1	0	18	28

Banks' cross-border positions on residents of Belgium

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	358,718	211,341	137,575	61,679	467,100	280,441	62,538	61,261
By location of banking office								
Australia	207	161	177	148	532	325	174	163
Austria	2,325	956	1,546	538	691	309	495	199
Belgium	...	...	...	...	...	...	...	...
Brazil	190	189	...	...	23	23	2	2
Canada	222	40	203	21	127	127	73	73
Chile	8	8	0	0	18	18	17	17
Chinese Taipei	517	356	27	6	209	195	11	9
Denmark	1,481	812	696	163	1,304	1,198	130	118
Finland	1,637	96	693	26	136,348	194	136	58
France	111,256	61,034	34,577	20,755	123,465	80,031	15,297	15,297
Germany	36,472	\	\	\	36,595	\	\	\
Greece	164	80	92	8	52	\	45	\
Guernsey	24	18	0	0	30	30	17	17
Hong Kong SAR	3,119	2,969	273	141	3,295	3,243	372	370
Ireland	10,047	7,807	2,768	1,367	1,529	3,213	97	95
Isle of Man	4	4	4	4	26	26	26	26
Italy	7,113	2,802	3,821	205	5,885	4,197	2,820	2,794
Japan	41,077	\	23,634	\	2,472	\	625	\
Jersey	50	8	47	5	97	95	95	95
Korea	423	409	345	333	372	1	0	0
Luxembourg	25,785	21,380	7,641	4,051	15,790	15,668	6,585	6,572
Macao SAR	1	1	0	...	0	0	0	0
Mexico	15	15	...	...	4	4	...	...
Netherlands	53,611	31,081	16,633	9,450	52,347	49,476	11,842	11,842
Philippines	8	8	0	...	14	14	5	4
South Africa	503	2	5	1	99	98	14	14
Spain	6,194	3,225	1,549	643	6,413	5,901	1,653	1,653
Sweden	457	334	362	293	704	651	477	456
Switzerland	10,314	3,966	1,895	1,504	10,690	10,160	2,821	2,370
United Kingdom	29,884	23,334	14,520	8,830	48,030	48,030	9,945	9,945
United States	8,400	8,398	1,262	1,261	7,995	7,462	2,513	1,980

Banks' cross-border positions on residents of Brazil

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	262,469	72,678	123,400	45,133	23,851	6,235	110,226	20,640	53,482	6,443	1,317	4,263	23,247	870	32,181	9,064
By instrument																
Loans and deposits	175,961	48,522	85,624	25,015	17,257	5,303	70,283	17,944	39,946	4,897	1,295	4,113	4,800	24	24,242	8,909
Debt securities	62,005	2,068	26,845	1,793	2,392	84	24,908	173	6,868	21	1	0	17,223	...	815	...
Other instruments	24,501	21,932	10,931	18,319	2,969	846	7,911	2,372	6,667	1,525	18	2	1,223	846	3	0
Unallocated	3	157	1	6	1,234	2	7,124	151	1	0	2	148	1	0	7,120	3
By currency																
All instrument																
US dollar	192,722	59,284	102,956	36,800	15,963	5,348	71,840	16,886	36,897	5,832	381	1,482	10,475	806	24,088	8,766
Euro	16,670	9,431	4,534	6,383	1,533	123	10,269	2,558	5,944	245	726	2,236	2,179	2	1,420	76
Yen	872	191	104	93	92	3	630	92	109	1	4	1	0	0	517	90
Pound sterling	447	1,235	148	1,030	36	4	110	157	7	10	49	144	0	0	54	3
Swiss franc	2,276	121	2,097	-122	18	2	153	242	26	3	121	239	0	0	6	1
Other currencies	6,819	412	1,612	135	997	5	2,749	280	1,083	25	33	137	1,601	7	32	111
Unallocated	42,663	2,003	11,949	815	5,211	750	24,475	424	9,416	327	3	24	8,992	56	6,065	17
Of which:																
loans and deposits																
US dollar	149,226	38,247	77,716	18,957	14,761	4,515	55,236	14,584	31,403	4,605	364	1,346	1,052	21	22,418	8,611
Euro	14,742	6,558	3,121	3,884	1,529	102	9,792	2,557	5,707	245	726	2,234	2,064	2	1,296	76
Yen	745	235	100	138	92	3	487	92	109	1	4	1	0	0	373	90
Pound sterling	440	1,234	148	1,030	35	4	122	155	19	10	49	143	0	0	54	3
Swiss franc	1,881	263	1,714	20	14	2	150	242	26	3	118	238	0	0	6	1
Other currencies	3,346	400	843	129	20	5	2,483	267	1,080	19	33	137	1,339	0	32	111
Unallocated	5,582	1,584	1,982	858	806	672	2,013	47	1,602	15	2	14	346	1	63	17

Banks' cross-border positions on residents of Brazil

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	262,469	175,961	136,810	90,113	72,678	48,522	27,127	23,499
By location of banking office								
Australia	326	181	170	75	141	90	39	36
Austria	419	414	210	206	75	70	49	49
Belgium	151	139	77	75	95	94	79	79
Brazil	...	...	...	...	...	...	...	...
Canada	\	\	\	\	\	\	\	\
Chile	806	471	76	76	15	15	7	7
Chinese Taipei	483	21	465	19	14	14	14	14
Denmark	22	11	19	9	30	29	29	28
Finland	\	\	\	\	3	3	3	3
France	17,701	9,602	9,411	5,764	2,763	2,737	1,021	1,021
Germany	3,161	\	\	\	1,197	\	\	\
Greece	...	...	...	...	8	8	8	8
Guernsey	136	6	16	6	9	9	9	9
Hong Kong SAR	1,240	1,137	425	422	167	165	131	129
Ireland	250	250	206	206	223	221	20	20
Isle of Man	5	5	5	5	70	70	70	70
Italy	572	470	317	294	230	170	159	159
Japan	11,407	\	8,356	\	250	\	133	\
Jersey	2	1	2	1	144	144	144	144
Korea	2,655	2,566	1,519	1,519	22	22	22	22
Luxembourg	9,597	7,376	7,761	6,592	1,011	687	543	469
Macao SAR	0	0	...	...	9	9	9	9
Mexico	3,085	587	1,629	187	35	35	...	...
Netherlands	7,264	6,401	4,591	4,219	503	481	479	479
Philippines	240	...	21	...	1	0	0	0
South Africa	267	37	267	37	56	5	55	4
Spain	8,911	2,764	4,871	1,879	869	796	447	447
Sweden	1,990	1,988	1,771	1,771	30	19	19	9
Switzerland	2,166	753	1,718	713	1,204	1,005	1,161	984
United Kingdom	19,096	10,627	13,172	5,817	5,802	5,802	2,149	2,149
United States	69,750	68,830	28,052	27,224	20,510	20,390	11,278	11,159

Banks' cross-border positions on residents of Canada

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	527,900	348,077	322,675	231,794	81,075	66,041	118,321	39,756	26,317	11,714	1,513	7,712	20,491	786	70,000	19,545
By instrument																
Loans and deposits	361,814	320,045	235,245	220,950	64,765	61,166	60,292	36,995	21,385	10,537	1,490	7,369	407	677	37,010	18,412
Debt securities	153,018	8,481	79,585	1,067	9,050	2,083	31,620	896	5,678	25	18	1	19,920	...	6,004	...
Other instruments	13,063	18,876	7,845	9,766	993	2,036	-576	1,371	-748	1,041	2	17	98	108	72	205
Unallocated	4	675	0	11	6,267	757	26,985	493	3	111	3	325	66	0	26,914	57
By currency																
All instrument																
US dollar	287,297	246,929	183,519	183,951	53,800	41,603	47,149	18,714	13,230	3,651	104	1,180	7,236	30	26,579	13,852
Euro	70,674	27,138	53,311	11,635	5,236	3,987	10,786	5,362	1,928	2,243	524	2,480	7,854	230	479	409
Yen	2,936	3,514	1,954	2,350	79	832	463	118	4	25	9	13	4	0	445	79
Pound sterling	16,457	10,387	9,803	3,955	2,365	4,005	4,144	2,140	1,298	563	298	903	2,485	84	63	590
Swiss franc	2,904	1,264	1,888	728	46	134	951	337	118	40	168	288	666	4	-1	5
Other currencies	56,666	25,737	33,101	12,580	6,953	4,804	16,430	7,482	324	1,002	341	2,394	536	156	15,230	3,930
Unallocated	90,966	33,108	39,098	16,595	12,596	10,676	38,399	5,604	9,415	4,190	70	453	1,710	282	27,204	680
Of which:																
loans and deposits																
US dollar	242,844	236,841	162,653	178,743	48,815	40,694	30,572	16,839	9,380	2,978	93	919	4	18	21,095	12,924
Euro	12,826	20,253	7,655	10,878	2,609	3,951	2,274	5,352	1,587	2,237	516	2,477	107	230	64	409
Yen	1,087	2,780	953	2,317	2	318	36	118	0	25	9	13	0	0	26	79
Pound sterling	7,319	10,166	5,029	3,911	1,095	3,949	1,168	2,128	869	560	298	894	0	84	1	590
Swiss franc	413	861	119	397	45	127	243	333	77	39	167	288	0	0	-1	5
Other currencies	52,823	19,171	30,353	9,416	6,875	3,016	15,562	6,724	181	552	340	2,379	0	65	15,042	3,727
Unallocated	44,502	29,972	28,483	15,288	5,324	9,112	10,437	5,503	9,291	4,145	67	399	296	280	783	678

Banks' cross-border positions on residents of Canada

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	527,900	361,814	200,587	126,308	348,077	320,045	106,622	98,986
By location of banking office								
Australia	7,445	3,695	1,468	665	3,962	1,640	1,142	483
Austria	1,236	570	515	276	279	128	104	104
Belgium	5,887	1,597	1,456	376	523	412	305	300
Brazil	16	16	...	...	1,036	846	10	10
Canada	...	...	...	...	...	...	...	...
Chile	87	9	...	...	1,680	1,592	6	6
Chinese Taipei	4,191	723	707	117	764	643	417	362
Denmark	473	163	139	26	247	187	83	83
Finland	2,407	12	245	10	456	\	20	20
France	24,187	8,983	13,654	8,167	14,149	7,369	5,422	5,422
Germany	33,759	\	\	\	1,724	\	\	\
Greece	34	34	10	10	229	229	226	226
Guernsey	1,251	7	370	5	189	189	43	43
Hong Kong SAR	21,849	4,762	9,868	1,506	3,708	2,678	2,143	1,555
Ireland	1,354	465	-423	286	4,895	3,804	219	219
Isle of Man	50	7	7	7	191	191	191	191
Italy	779	155	307	70	966	807	105	105
Japan	46,466	\	33,246	\	10,743	\	8,037	\
Jersey	247	147	43	14	337	337	337	337
Korea	2,167	1,680	1,404	1,343	754	338	130	130
Luxembourg	9,740	4,680	2,253	284	1,371	703	228	228
Macao SAR	356	324	31	31	916	25	25	25
Mexico	315	315	51	51	376	376	2	2
Netherlands	10,067	6,302	3,313	\	4,805	4,055	\	\
Philippines	91	65	29	25	154	148	57	53
South Africa	102	57	2	2	108	53	19	18
Spain	1,944	1,345	1,140	1,046	514	286	214	214
Sweden	2,139	1,071	980	957	358	286	33	26
Switzerland	8,215	1,485	3,651	923	2,942	1,913	1,777	1,093
United Kingdom	86,909	69,895	25,427	16,921	79,964	79,964	29,052	29,052
United States	226,630	224,548	83,863	83,137	167,669	166,545	39,172	38,173

Banks' cross-border positions on residents of China

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	989,800	790,301	602,888	549,469	45,903	31,768	288,122	191,513	77,296	7,040	13,670	16,131	5,869	952	191,287	167,391
By instrument																
Loans and deposits	699,650	682,610	418,797	454,711	27,076	25,236	202,459	188,883	50,978	6,603	13,600	15,639	4,221	918	133,660	165,724
Debt securities	194,117	8,710	115,490	4,639	14,635	450	45,117	121	5,758	4	26	1	1,598	...	37,735	...
Other instruments	96,029	98,710	68,598	90,118	-4,072	161	25,538	688	20,558	433	45	221	49	34	4,887	0
Unallocated	4	272	4	1	8,264	5,922	15,008	1,821	2	0	0	271	1	0	15,005	1,549
By currency																
All instrument																
US dollar	499,398	444,671	303,713	299,965	22,447	15,568	140,796	117,887	45,482	2,888	646	2,639	416	96	94,252	112,263
Euro	82,194	64,951	50,225	48,033	8,276	4,742	19,341	9,118	6,597	1,029	958	2,512	3,765	717	8,021	4,860
Yen	20,770	11,982	11,376	8,527	696	604	1,887	1,808	36	1	13	18	0	0	1,837	1,789
Pound sterling	11,561	12,213	8,219	9,071	305	120	1,950	2,485	3	47	865	700	0	8	1,082	1,730
Swiss franc	1,084	1,420	300	925	128	55	349	326	8	1	160	171	0	0	182	154
Other currencies	235,672	170,692	128,294	106,079	12,651	9,600	94,378	54,577	6,121	1,616	10,911	9,888	450	118	76,896	42,954
Unallocated	139,122	84,372	100,762	76,869	1,400	1,079	29,421	5,313	19,048	1,459	117	203	1,238	12	9,018	3,639
Of which:																
loans and deposits																
US dollar	379,719	424,706	238,835	283,743	9,298	15,238	101,904	116,213	35,865	2,589	596	2,398	172	96	65,271	111,130
Euro	72,735	61,062	44,855	45,675	5,762	4,715	17,647	9,095	6,092	1,026	958	2,507	3,765	717	6,831	4,844
Yen	16,256	11,855	9,202	8,480	351	604	812	1,779	35	0	13	18	0	0	763	1,760
Pound sterling	11,322	12,123	8,207	9,022	305	112	1,948	2,480	2	47	865	696	0	8	1,081	1,730
Swiss franc	769	1,173	177	695	8	55	345	324	8	1	158	170	0	0	179	153
Other currencies	140,223	92,945	57,299	35,692	8,265	3,444	74,657	53,796	5,267	1,563	10,901	9,673	283	84	58,207	42,475
Unallocated	78,626	78,746	60,221	71,404	3,087	1,068	5,146	5,196	3,710	1,376	108	176	1	12	1,328	3,632

Banks' cross-border positions on residents of China

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	989,800	699,650	372,591	280,425	790,301	682,610	236,983	227,820
By location of banking office								
Australia	44,523	38,470	21,713	19,964	20,252	16,913	7,083	6,718
Austria	1,434	1,396	56	56	1,346	80	39	39
Belgium	883	791	295	217	918	913	97	97
Brazil	43	10	1	1	704	704	8	8
Canada	10,588	9,666	5,064	4,250	9,275	9,244	4,974	4,974
Chile	72	72	...	...	145	132	5	5
Chinese Taipei	75,093	63,575	11,529	8,607	9,874	8,674	1,425	1,136
Denmark	527	429	97	33	1,619	\	102	99
Finland	2,372	2,321	301	299	72	28	26	26
France	37,643	25,612	7,161	3,883	16,529	14,345	1,328	1,328
Germany	23,143	\	\	\	21,596	\	\	\
Greece	...	...	...	...	191	191	191	191
Guernsey	78	3	15	3	6	6	6	6
Hong Kong SAR	389,556	231,721	161,482	112,511	317,578	237,603	164,749	157,278
Ireland	57	32	28	28	396	393	4	4
Isle of Man	5	5	5	5	221	221	70	70
Italy	1,997	851	196	58	815	653	149	149
Japan	62,937	\	23,273	\	43,362	\	920	\
Jersey	90	81	89	81	106	106	106	106
Korea	44,419	24,567	13,681	11,932	25,544	13,991	1,664	1,664
Luxembourg	24,279	21,497	7,623	5,969	11,711	11,610	881	881
Macao SAR	59,505	46,419	34,640	27,313	22,304	21,928	3,864	3,864
Mexico	5	5	0	0	78	78	...	...
Netherlands	\	1,713	\	\	\	\	\	\
Philippines	978	276	249	35	231	196	61	61
South Africa	476	471	7	7	2,385	1,469	60	60
Spain	3,171	1,554	611	410	4,846	4,782	215	215
Sweden	2,416	2,351	189	187	1,049	891	59	41
Switzerland	3,691	1,603	2,047	743	1,692	1,316	799	514
United Kingdom	70,921	54,133	17,545	7,684	90,555	90,555	6,310	6,310
United States	37,508	37,324	14,250	14,174	123,218	122,931	22,188	21,954

Banks' cross-border positions on residents of France

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,959,590	1,499,524	1,428,677	1,264,614	143,168	90,917	363,152	91,143	128,126	39,110	17,868	38,405	76,013	653	141,145	12,975
By instrument																
Loans and deposits	1,389,080	1,332,198	1,155,707	1,151,491	104,920	87,378	118,924	86,619	91,665	37,960	17,246	35,372	4,326	592	5,687	12,695
Debt securities	414,058	24,098	172,641	11,117	18,585	2,141	95,703	246	20,313	5	48	3	71,900	37	3,443	200
Other instruments	127,760	140,017	72,227	101,935	8,618	1,052	15,841	1,159	15,970	1,076	276	60	-535	24	130	0
Unallocated	28,692	3,211	28,101	70	11,045	346	132,684	3,118	178	69	298	2,970	322	0	131,886	80
By currency																
All instrument																
US dollar	367,899	412,720	322,140	368,568	17,599	18,664	24,009	21,722	10,964	6,374	1,447	5,551	5,182	73	6,416	9,724
Euro	1,436,169	913,347	977,486	761,013	116,002	60,910	324,173	47,944	111,330	26,954	10,989	18,657	70,323	573	131,531	1,760
Yen	48,895	44,444	42,510	42,395	3,260	1,463	2,715	444	59	134	15	148	0	0	2,641	162
Pound sterling	42,379	40,545	35,575	29,281	1,500	5,235	4,717	4,835	2,838	1,920	1,493	2,689	259	3	127	223
Swiss franc	17,610	31,038	10,987	20,115	1,171	282	5,173	10,101	1,504	521	3,533	9,554	137	1	-1	26
Other currencies	25,034	36,052	22,243	26,326	1,904	3,761	888	3,732	182	1,247	349	1,498	56	4	300	983
Unallocated	21,604	21,378	17,736	16,916	1,731	602	1,477	2,365	1,249	1,959	41	309	56	0	132	97
Of which:																
loans and deposits																
US dollar	284,289	382,013	257,251	344,734	11,793	17,844	13,956	18,833	8,698	5,956	1,243	3,292	0	73	4,015	9,513
Euro	1,021,335	808,016	828,530	698,947	89,177	58,794	96,149	47,215	79,642	26,710	10,721	18,278	4,326	513	1,461	1,715
Yen	11,836	43,362	11,198	41,413	220	1,453	77	443	57	134	14	148	0	0	6	162
Pound sterling	31,595	38,874	27,574	28,527	882	5,202	3,017	4,597	1,608	1,919	1,397	2,452	0	3	12	223
Swiss franc	11,775	28,973	7,338	18,633	372	252	4,056	10,054	545	491	3,511	9,537	0	0	0	25
Other currencies	18,447	19,469	16,797	10,801	1,163	3,369	489	3,268	43	816	348	1,489	...	4	...	960
Unallocated	9,802	11,491	7,018	8,436	1,313	464	1,180	2,209	1,073	1,934	12	178	...	0	...	97

Banks' cross-border positions on residents of France

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,959,590	1,389,080	508,681	228,269	1,499,524	1,332,198	184,465	175,716
By location of banking office								
Australia	20,595	14,898	1,379	1,235	11,597	6,063	1,734	1,343
Austria	17,122	9,836	5,745	2,828	6,462	2,261	2,286	547
Belgium	85,629	55,634	22,972	9,818	71,642	40,133	4,778	4,314
Brazil	4,371	4,362	...	...	7,663	7,456	23	23
Canada	4,016	1,644	2,663	298	9,469	9,469	\	\
Chile	474	15	42	2	1,529	102	692	6
Chinese Taipei	8,818	789	1,650	155	4,313	2,334	244	229
Denmark	14,952	10,424	11,486	9,400	4,030	1,882	794	763
Finland	20,925	\	964	95	8,113	\	84	62
France	...	...	...	...	...	...	...	...
Germany	265,169	\	\	\	105,987	\	\	\
Greece	859	759	80	34	1,937	...	62	\
Guernsey	1,583	839	852	341	389	388	389	388
Hong Kong SAR	54,925	40,227	7,824	2,603	45,328	33,772	1,230	880
Ireland	36,321	23,260	10,169	5,330	32,268	21,204	1,040	852
Isle of Man	195	26	157	26	296	295	286	286
Italy	94,815	66,591	21,503	7,059	197,507	173,835	2,135	1,772
Japan	210,283	\	143,133	\	143,041	\	2,489	\
Jersey	2,956	2,572	533	195	941	932	928	927
Korea	1,481	960	551	530	9,176	850	133	133
Luxembourg	116,622	90,960	29,831	16,909	75,700	72,626	19,857	19,815
Macao SAR	117	52	26	26	1,803	114	14	14
Mexico	174	174	0	0	196	196	0	0
Netherlands	95,668	73,672	26,761	16,945	58,105	44,830	\	\
Philippines	190	11	1	1	224	215	14	14
South Africa	1,804	1,156	11	11	1,206	394	72	64
Spain	93,366	79,347	18,154	14,249	91,543	79,423	2,929	2,929
Sweden	4,611	2,216	1,179	812	3,035	1,272	638	522
Switzerland	62,960	23,718	17,947	12,932	67,022	61,691	22,302	19,060
United Kingdom	560,969	517,856	73,090	50,114	295,687	295,687	42,540	42,540
United States	128,315	127,862	7,047	6,805	159,624	158,553	20,887	20,629

Banks' cross-border positions on residents of Germany

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,481,654	1,607,416	1,058,443	1,123,139	99,348	93,909	288,003	185,942	128,572	76,500	20,107	57,023	57,406	37,477	81,919	14,942
By instrument																
Loans and deposits	1,024,414	1,291,597	837,285	1,041,471	51,355	73,870	128,721	174,902	97,653	73,794	19,859	53,748	5,386	32,511	5,822	14,848
Debt securities	280,703	196,626	119,227	16,891	22,767	11,218	71,148	4,117	14,472	603	85	1,670	48,931	1,928	7,660	-85
Other instruments	170,349	115,614	96,828	64,717	17,107	7,128	19,772	5,084	16,425	1,867	93	34	3,017	3,038	237	145
Unallocated	6,189	3,579	5,103	61	8,118	1,693	68,363	1,840	22	235	69	1,571	72	0	68,200	34
By currency																
All instrument																
US dollar	233,849	368,078	194,989	305,554	11,651	10,083	23,761	15,028	10,200	4,953	231	3,584	10,054	1,991	3,276	4,501
Euro	1,106,662	1,071,895	763,274	714,129	79,152	76,321	238,571	134,363	111,394	58,408	13,367	38,473	39,116	30,451	74,695	7,031
Yen	20,158	30,795	15,169	21,587	460	526	611	942	287	187	219	45	0	279	105	431
Pound sterling	51,042	51,654	36,625	32,248	4,145	3,441	8,318	11,525	2,538	6,848	342	977	5,173	3,674	266	26
Swiss franc	19,634	28,421	11,212	12,059	1,221	1,211	6,843	12,325	1,046	1,350	5,494	10,395	302	552	2	28
Other currencies	17,105	26,107	11,351	16,017	873	1,427	4,852	8,592	1,419	3,090	408	2,916	529	143	2,496	2,443
Unallocated	33,204	30,465	25,824	21,546	1,845	899	5,047	3,167	1,688	1,665	47	633	2,232	388	1,079	482
Of which:																
loans and deposits																
US dollar	161,102	318,802	145,856	296,567	4,253	7,768	10,042	13,957	8,049	4,782	133	2,615	12	1,909	1,848	4,650
Euro	787,706	855,424	632,594	667,232	44,390	60,816	104,906	126,816	85,090	57,456	13,291	36,356	3,773	26,211	2,752	6,793
Yen	10,729	22,734	9,946	21,275	120	479	542	942	282	187	218	45	0	279	42	431
Pound sterling	25,474	45,158	22,480	30,331	1,418	3,372	1,552	11,272	1,161	6,839	336	954	0	3,453	56	26
Swiss franc	16,104	22,516	9,072	9,808	677	447	6,349	12,255	830	1,326	5,467	10,365	50	536	2	28
Other currencies	7,887	14,331	6,683	6,540	43	621	1,134	7,166	563	1,697	404	2,906	0	123	167	2,440
Unallocated	15,412	12,632	10,654	9,717	453	366	4,196	2,494	1,678	1,508	10	507	1,552	-1	955	480

Banks' cross-border positions on residents of Germany

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,481,654	1,024,414	389,264	184,729	1,607,416	1,291,597	280,768	249,687
By location of banking office								
Australia	8,152	3,036	1,143	672	14,797	8,484	2,762	1,226
Austria	54,035	40,804	26,411	22,648	70,734	36,793	31,339	17,382
Belgium	49,117	38,991	6,471	2,599	15,536	12,143	1,803	1,757
Brazil	618	499	16	16	1,160	1,160	11	11
Canada	6,254	1,034	4,903	722	2,188	2,188	1,227	1,227
Chile	114	87	12	12	863	421	19	19
Chinese Taipei	3,862	1,972	942	238	1,726	1,352	233	200
Denmark	34,577	30,301	4,150	3,949	11,316	7,340	4,980	4,427
Finland	12,542	405	4,885	219	14,010	6,917	6,757	5,760
France	148,245	111,210	14,232	11,437	338,592	184,314	39,561	39,561
Germany	...	...	...	...	...	...	...	...
Greece	2,615	1,789	802	91	3,880	...	311	\
Guernsey	807	217	524	4	40	40	40	40
Hong Kong SAR	23,607	12,615	7,171	721	20,762	19,663	1,085	1,049
Ireland	49,400	38,320	13,650	6,269	36,608	22,608	9,596	6,526
Isle of Man	236	179	8	8	174	174	103	103
Italy	78,084	30,573	17,214	5,324	94,449	69,017	6,171	2,880
Japan	97,431	\	75,395	\	32,197	\	891	\
Jersey	644	57	506	30	417	271	271	271
Korea	4,320	3,769	1,475	1,437	5,467	1,135	166	166
Luxembourg	99,201	84,012	46,080	39,896	85,178	78,865	19,755	19,413
Macao SAR	2,552	2,541	38	38	170	111	4	4
Mexico	152	152	27	27	1,240	1,240	...	...
Netherlands	96,164	46,693	39,596	15,547	107,505	91,950	24,063	24,063
Philippines	308	286	8	6	566	562	11	10
South Africa	2,168	2,077	42	5	1,098	900	322	310
Spain	41,213	20,476	14,281	4,878	65,022	53,337	7,980	7,980
Sweden	17,629	8,754	8,038	3,636	7,980	6,746	2,142	1,463
Switzerland	46,710	24,503	15,841	9,526	52,792	46,382	32,749	28,158
United Kingdom	405,800	338,261	67,626	39,265	325,794	325,794	65,253	65,253
United States	81,768	80,761	8,033	7,774	167,771	167,553	7,869	7,786

Banks' cross-border positions on residents of Hong Kong SAR

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	962,831	1,359,229	570,181	697,744	127,087	102,912	205,124	505,149	61,597	27,408	8,279	14,591	464	56	134,783	463,094
By instrument																
Loans and deposits	742,171	861,718	434,556	553,930	76,380	42,552	169,546	232,202	52,533	25,907	8,083	12,706	101	54	108,830	193,535
Debt securities	76,039	147,968	40,646	66,049	9,716	39,322	14,867	23,073	2,910	86	11	1	348	...	11,599	...
Other instruments	144,152	346,195	94,510	76,895	37,490	20,524	9,013	247,934	6,155	1,305	186	53	15	2	2,657	246,574
Unallocated	469	3,348	470	870	3,500	513	11,698	1,940	0	110	0	1,830	1	...	11,697	...
By currency																
All instrument																
US dollar	548,451	615,496	336,921	384,034	56,036	44,068	117,720	153,500	40,557	16,792	915	3,937	249	35	76,000	132,737
Euro	80,604	81,553	47,285	51,357	12,470	15,273	15,524	8,562	7,382	2,968	1,078	1,312	14	15	7,049	4,267
Yen	46,687	61,841	33,888	57,055	3,302	966	1,416	1,228	143	555	178	26	0	0	1,094	646
Pound sterling	13,597	14,797	6,899	8,722	444	1,077	4,478	2,994	887	931	1,887	1,858	0	0	1,704	205
Swiss franc	7,518	6,682	4,408	5,266	1,865	89	857	1,044	35	49	598	477	0	0	224	518
Other currencies	67,841	234,793	28,298	122,739	4,616	30,072	34,823	77,153	1,382	1,788	3,220	6,200	13	2	30,207	69,163
Unallocated	198,133	344,066	112,480	68,570	48,355	11,367	30,307	260,668	11,211	4,325	403	781	188	4	18,505	255,558
Of which:																
loans and deposits																
US dollar	454,371	518,947	273,473	342,939	41,543	23,889	101,636	129,652	37,517	15,902	735	2,514	21	33	63,363	111,203
Euro	75,332	70,011	44,000	47,840	11,852	9,662	14,383	8,817	6,802	2,935	1,076	1,304	13	15	6,492	4,564
Yen	42,433	60,222	32,226	55,815	1,506	919	504	1,149	137	554	177	26	0	0	190	569
Pound sterling	12,348	13,483	6,778	8,192	420	653	3,479	2,912	887	921	1,887	1,786	0	0	706	205
Swiss franc	5,109	6,316	3,842	4,967	73	75	851	1,040	34	49	592	475	0	0	224	516
Other currencies	56,922	114,261	22,468	38,246	3,355	4,371	31,080	71,627	1,274	1,352	3,218	6,152	0	2	26,588	64,122
Unallocated	95,655	78,479	51,769	55,932	17,631	2,981	17,613	17,004	5,881	4,194	397	450	66	4	11,268	12,356

Banks' cross-border positions on residents of Hong Kong SAR

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	962,831	742,171	387,285	307,453	1,359,229	861,718	640,977	307,668
By location of banking office								
Australia	28,261	18,068	9,473	8,804	49,623	28,829	10,232	4,062
Austria	1,539	1,513	190	164	1,326	601	91	90
Belgium	3,172	3,085	555	532	3,262	3,235	601	591
Brazil	18	18	...	...	214	214	4	4
Canada	3,746	3,638	2,429	2,321	5,697	5,697	3,660	3,660
Chile	3	3	...	...	20	20	1	1
Chinese Taipei	34,627	27,658	15,241	12,355	51,749	49,243	6,662	6,270
Denmark	360	311	282	249	346	313	256	\
Finland	42	25	14	10	20	11	12	9
France	47,956	42,667	9,661	8,328	44,395	40,582	2,241	2,241
Germany	22,794	\	\	\	13,947	\	\	\
Greece	2	2	2	2	0	0	0	0
Guernsey	324	117	154	106	227	226	213	212
Hong Kong SAR	...	...	...	...	...	...	...	...
Ireland	647	625	561	539	251	186	72	55
Isle of Man	138	138	138	138	226	226	226	226
Italy	6,298	6,112	92	75	1,216	1,106	29	29
Japan	108,151	\	15,197	\	105,704	\	1,308	\
Jersey	603	594	581	575	1,217	1,215	1,217	1,215
Korea	14,795	10,268	5,639	5,496	48,730	20,100	1,201	327
Luxembourg	9,542	8,554	6,058	5,639	11,763	11,748	3,670	3,664
Macao SAR	43,502	36,358	28,186	25,343	50,164	35,707	16,546	16,546
Mexico	0	0	...	...	0	0	...	...
Netherlands	34,204	32,956	\	\	\	\	\	\
Philippines	1,791	1,207	1,072	701	3,363	2,726	610	605
South Africa	513	477	358	353	717	715	18	16
Spain	9,056	8,821	1,409	1,395	2,820	2,541	76	76
Sweden	671	422	86	76	308	286	42	41
Switzerland	15,497	11,592	5,429	2,830	17,345	13,769	5,521	3,027
United Kingdom	89,989	79,616	54,240	44,962	81,243	81,243	34,905	34,905
United States	54,544	54,119	12,927	12,770	62,439	62,350	9,311	9,222

Banks' cross-border positions on residents of India

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	186,995	86,445	74,881	74,517	10,459	1,660	56,583	8,239	27,107	2,072	672	2,016	1,766	958	27,038	3,193
By instrument																
Loans and deposits	138,479	83,235	59,133	71,545	5,703	1,630	39,317	8,034	23,415	2,033	595	2,003	1,564	958	13,744	3,040
Debt securities	37,033	200	8,931	93	1,111	4	3,233	86	1,700	0	3	1	190	...	1,339	...
Other instruments	11,483	3,000	6,816	2,879	854	3	2,105	43	1,990	39	73	3	13	0	29	1
Unallocated	0	11	1	1	2,792	23	11,928	76	2	0	0	9	...	0	...	66
By currency																
All instrument																
US dollar	119,266	65,025	49,012	56,678	4,051	1,338	36,155	5,522	19,600	1,582	97	256	84	942	16,374	2,742
Euro	14,684	2,990	3,706	2,089	524	34	6,631	680	4,522	194	93	415	1,537	2	479	68
Yen	7,799	1,363	1,186	1,145	324	1	793	109	9	0	0	0	...	0	...	108
Pound sterling	1,388	2,252	309	1,432	33	123	196	575	62	108	120	446	...	7	...	14
Swiss franc	1,733	354	277	300	634	0	573	43	551	4	22	39	...	0	...	0
Other currencies	1,449	6,347	690	4,929	89	160	658	1,271	277	169	341	852	...	6	...	244
Unallocated	40,675	8,114	19,702	7,944	4,804	4	11,578	38	2,087	14	-1	7	133	1	9,359	17
Of which:																
loans and deposits																
US dollar	99,852	62,976	42,573	54,819	3,586	1,326	30,984	5,353	17,872	1,566	21	247	27	942	13,065	2,598
Euro	13,335	2,476	3,593	1,590	506	34	6,484	679	4,452	194	92	415	1,537	2	404	67
Yen	5,143	1,359	872	1,142	0	1	172	109	9	0	0	0	...	0	...	108
Pound sterling	1,133	2,237	308	1,417	33	123	196	575	62	108	120	446	...	7	...	14
Swiss franc	1,490	350	166	297	632	0	521	43	500	4	22	39	...	0	...	0
Other currencies	1,087	5,872	467	4,485	0	144	609	1,241	242	148	340	850	...	6	...	237
Unallocated	16,438	7,965	11,154	7,795	946	2	351	36	279	13	1	6	0	1	70	16

Banks' cross-border positions on residents of India

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	186,995	138,479	99,123	79,014	86,445	83,235	11,924	11,687
By location of banking office								
Australia	3,080	2,616	1,699	1,471	4,594	4,359	314	287
Austria	183	183	49	49	45	36	22	22
Belgium	1,901	1,885	390	388	1,017	1,014	28	26
Brazil	...	...	...	...	9	9	...	...
Canada	\	\	\	\	289	273	180	180
Chile	...	...	...	...	10	10	2	2
Chinese Taipei	4,050	3,219	2,698	2,096	41	34	27	25
Denmark	49	17	33	5	832	\	19	19
Finland	38	34	17	13	8	7	7	7
France	7,880	2,698	4,073	1,724	2,094	1,959	100	100
Germany	11,063	\	\	\	1,215	\	\	\
Greece	5	...	5	...	1	1	1	1
Guernsey	20	13	18	13	6	6	6	6
Hong Kong SAR	18,077	14,407	10,567	8,854	11,100	9,673	1,037	947
Ireland	996	996	991	991	14	4	3	3
Isle of Man	11	11	11	11	84	84	59	59
Italy	406	405	108	108	26	26	21	21
Japan	23,851	\	14,722	\	2,404	\	256	\
Jersey	2,152	2,131	2,026	2,006	132	122	125	122
Korea	4,668	4,437	1,318	1,309	903	903	903	903
Luxembourg	576	575	115	115	-5	26	16	15
Macao SAR	60	33	30	30	1	1	1	1
Mexico	0	0	0	0	0	0	...	...
Netherlands	938	626	456	\	\	\	22	22
Philippines	714	150	417	105	119	116	9	8
South Africa	528	205	325	100	419	220	34	34
Spain	655	646	640	636	17	17	16	16
Sweden	405	398	363	363	1,780	1,780	8	8
Switzerland	1,892	1,486	238	192	718	699	107	92
United Kingdom	31,759	28,912	13,790	12,253	27,127	27,127	2,714	2,714
United States	17,213	17,124	5,123	5,123	15,229	15,158	2,175	2,169

Banks' cross-border positions on residents of Indonesia

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	126,457	21,285	43,137	14,835	3,778	344	44,836	5,509	9,451	738	1,052	2,278	8,627	11	25,705	2,482
By instrument																
Loans and deposits	95,106	19,154	32,411	13,803	2,099	311	29,000	4,977	7,636	615	1,035	2,205	6,425	6	13,904	2,151
Debt securities	24,077	860	6,575	276	57	1	5,701	39	466	...	1	1	2,181	...	3,054	...
Other instruments	7,273	1,208	4,149	756	395	2	1,604	162	1,350	124	17	10	19	4	218	24
Unallocated	1	64	2	0	1,228	29	8,531	331	0	0	0	63	2	...	8,529	...
By currency																
All instrument																
US dollar	79,000	15,419	24,545	12,020	2,636	283	29,442	2,618	7,339	627	53	507	4,364	7	17,686	1,476
Euro	8,986	1,187	1,252	879	26	6	4,706	288	370	9	83	249	3,862	0	390	29
Yen	10,190	920	920	744	255	2	4,410	174	313	0	0	2	0	0	4,097	172
Pound sterling	885	335	130	223	1	0	34	61	2	2	31	56	1	0	0	3
Swiss franc	339	188	41	118	31	0	59	37	0	0	21	37	37	0	1	0
Other currencies	3,526	2,477	1,376	391	15	7	2,133	2,078	70	91	863	1,395	0	3	1,199	590
Unallocated	23,530	760	14,874	460	813	47	4,052	253	1,357	10	0	33	362	0	2,333	211
Of which:																
loans and deposits																
US dollar	66,701	13,620	22,508	11,054	2,056	278	22,679	2,257	6,899	506	38	446	3,062	3	12,680	1,301
Euro	7,305	1,168	1,028	879	6	5	3,779	279	368	9	83	248	3,323	0	4	22
Yen	6,533	918	877	743	33	1	312	174	309	0	0	2	0	0	3	172
Pound sterling	749	310	130	223	1	0	34	61	3	2	31	56	0	0	0	3
Swiss franc	266	156	41	118	0	0	59	37	0	0	21	37	37	0	1	0
Other currencies	2,931	2,418	847	350	1	5	2,083	2,061	22	90	862	1,390	0	3	1,199	578
Unallocated	10,621	565	6,981	437	2	21	54	109	35	8	0	25	2	0	17	75

Banks' cross-border positions on residents of Indonesia

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	126,457	95,106	76,169	62,627	21,285	19,154	5,912	5,348
By location of banking office								
Australia	1,627	766	1,002	706	748	717	633	628
Austria	458	456	457	455	548	6	6	6
Belgium	196	172	99	78	427	426	24	24
Brazil	...	...	...	...	1	1	...	...
Canada	\	\	8	8	59	59	37	37
Chile	19	19	...	...	10	10	1	1
Chinese Taipei	3,040	2,274	1,987	1,581	193	192	189	188
Denmark	20	12	17	12	15	15	13	13
Finland	3	3	2	2	4	4	4	4
France	4,198	2,848	2,734	2,286	239	235	74	74
Germany	3,631	\	\	\	565	\	\	\
Greece	2	...	2	...	...	...	...	...
Guernsey	14	2	2	2	2	2	2	2
Hong Kong SAR	7,659	6,013	3,968	2,638	2,849	2,501	1,221	923
Ireland	5	5	1	1	36	32	0	0
Isle of Man	1	1	1	1	25	25	25	25
Italy	398	63	393	57	9	9	9	9
Japan	26,851	\	9,757	\	1,346	\	178	\
Jersey	58	37	55	37	59	59	59	59
Korea	6,464	5,612	4,544	4,410	249	39	14	14
Luxembourg	209	209	13	13	17	36	13	13
Macao SAR	17	17	17	17	2	2	2	2
Mexico	...	...	...	...	...	...	...	...
Netherlands	\	\	196	170	\	\	\	\
Philippines	3,312	560	2,492	514	345	172	18	18
South Africa	...	...	...	...	1	1	1	1
Spain	120	103	120	103	9	9	9	9
Sweden	\	\	\	\	34	34	3	3
Switzerland	461	378	435	354	375	311	159	95
United Kingdom	4,433	2,516	2,607	1,329	1,198	1,198	153	153
United States	2,887	2,873	338	338	8,530	8,402	805	804

Banks' cross-border positions on residents of Italy

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	762,621	389,082	355,663	190,158	167,182	81,454	228,182	54,970	49,666	27,522	4,157	18,885	145,780	5,860	28,579	2,702
By instrument																
Loans and deposits	498,763	314,099	302,311	179,574	152,185	80,800	42,523	52,782	35,406	26,467	4,144	18,304	2,230	5,429	743	2,582
Debt securities	207,881	51,600	19,929	712	10,371	404	150,086	166	5,100	3	...	54	144,826	14	...	95
Other instruments	55,939	21,650	33,383	9,841	1,980	40	7,862	504	9,156	84	13	0	-1,334	418	27	1
Unallocated	38	1,732	39	31	2,645	209	27,711	1,518	4	968	0	526	58	0	27,649	24
By currency																
All instrument																
US dollar	42,932	54,097	38,403	34,045	645	1,581	3,673	5,946	2,436	2,568	112	1,688	869	289	256	1,402
Euro	708,012	305,376	311,287	141,459	166,189	79,214	221,411	41,110	46,349	23,634	2,656	11,203	144,181	5,564	28,224	709
Yen	1,169	4,999	1,109	1,908	9	73	33	453	13	319	1	9	0	0	18	126
Pound sterling	3,333	6,965	1,968	4,183	47	108	1,287	1,215	336	415	204	787	714	1	34	12
Swiss franc	2,983	6,434	1,139	1,041	105	239	1,563	4,369	457	200	1,107	4,166	0	1	-1	2
Other currencies	738	6,948	465	5,262	148	123	120	1,554	19	193	71	944	0	4	29	412
Unallocated	3,453	4,262	1,293	2,260	37	116	95	322	55	194	5	87	16	1	19	39
Of which:																
loans and deposits																
US dollar	40,090	39,794	37,157	33,646	334	1,364	2,495	4,241	2,274	1,607	112	1,271	3	4	107	1,359
Euro	451,608	255,845	260,549	136,142	151,534	78,842	37,959	40,691	32,494	23,569	2,652	11,071	2,227	5,418	586	633
Yen	689	2,470	647	1,906	9	72	15	453	13	319	1	9	0	0	1	126
Pound sterling	2,329	5,615	1,936	4,183	46	90	331	1,200	125	415	204	772	0	1	3	12
Swiss franc	2,424	5,478	786	921	87	203	1,549	4,345	449	185	1,102	4,158	0	1	-1	2
Other currencies	603	2,769	344	1,094	142	120	116	1,548	16	181	71	951	...	4	...	412
Unallocated	1,020	2,128	892	1,681	33	107	57	303	36	192	3	72	...	1	...	38

Banks' cross-border positions on residents of Italy

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	762,621	498,763	395,532	195,043	389,082	314,099	137,300	134,459
By location of banking office								
Australia	95	79	83	76	348	337	230	227
Austria	7,835	4,682	5,736	3,080	2,936	1,584	1,804	1,333
Belgium	9,913	4,009	7,625	3,209	5,309	4,948	1,582	1,574
Brazil	13	12	...	...	181	161	7	7
Canada	24	\	22	\	186	186	114	114
Chile	10	10	0	0	31	31	13	13
Chinese Taipei	150	132	114	106	30	25	23	21
Denmark	541	139	256	135	554	359	198	196
Finland	631	93	196	93	784	20	20	20
France	344,199	270,751	187,649	150,098	181,180	125,140	66,785	66,785
Germany	83,330	\	\	\	30,586	\	\	\
Greece	4,748	43	4,699	15	772	\	46	\
Guernsey	70	29	45	29	59	59	59	59
Hong Kong SAR	1,397	1,235	239	219	6,556	6,296	366	342
Ireland	54,298	35,341	17,803	3,355	25,099	18,169	6,803	6,365
Isle of Man	6	6	6	6	160	160	160	160
Italy	...	...	...	...	...	...	...	...
Japan	37,435	\	30,354	\	432	\	157	\
Jersey	24	24	24	24	289	289	289	289
Korea	392	392	211	211	37	37	33	33
Luxembourg	38,878	32,003	9,437	3,885	18,820	18,525	5,363	5,363
Macao SAR	...	...	...	...	0	0	0	0
Mexico	5	5	0	0	4	4	1	1
Netherlands	11,340	9,869	5,394	4,262	7,682	\	2,655	2,655
Philippines	7	6	3	3	17	15	16	15
South Africa	31	31	27	27	25	25	16	16
Spain	75,729	24,671	47,619	1,297	10,786	8,989	1,671	1,671
Sweden	374	353	356	344	107	83	77	60
Switzerland	6,603	5,809	4,881	4,664	19,552	17,694	16,998	15,252
United Kingdom	61,706	43,270	25,574	9,484	48,250	48,250	21,359	21,359
United States	5,101	5,101	454	454	17,290	17,274	2,066	2,056

Banks' cross-border positions on residents of Japan

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,431,862	816,628	954,620	560,215	269,620	83,264	175,480	54,636	20,334	13,787	820	6,518	73,634	81	80,691	34,249
By instrument																
Loans and deposits	1,232,922	641,954	921,020	512,487	254,419	70,338	50,329	51,913	19,299	12,836	779	6,383	4,396	80	25,854	32,614
Debt securities	169,454	126,104	18,441	10,138	6,443	6,198	122,507	1,555	2,798	43	10	1	69,003	...	50,694	...
Other instruments	29,485	48,374	15,158	37,568	8,754	1,689	2,644	904	-1,765	872	30	18	234	1	4,144	14
Unallocated	0	195	1	22	3	5,040	1	264	1	36	0	116	1	...	-1	...
By currency																
All instrument																
US dollar	577,770	414,418	457,185	334,548	67,676	19,345	34,182	28,193	14,171	2,156	61	773	854	9	19,096	25,256
Euro	139,737	115,893	113,057	41,776	18,295	2,025	5,864	2,715	4,781	1,410	212	1,121	762	50	108	134
Yen	672,045	209,891	352,207	133,853	180,189	56,358	132,467	11,946	-478	8,153	95	435	71,993	3	60,857	3,355
Pound sterling	8,939	11,190	7,527	6,378	393	317	418	1,293	323	642	75	580	20	6	-1	64
Swiss franc	1,061	3,697	711	1,533	1	54	167	333	130	111	38	203	0	0	0	19
Other currencies	15,722	46,171	13,649	32,876	1,420	3,694	649	9,455	170	1,215	338	3,341	0	14	141	4,886
Unallocated	16,588	15,368	10,285	9,252	1,647	1,472	1,733	700	1,238	101	1	66	5	-1	489	535
Of which:																
loans and deposits																
US dollar	543,292	371,251	446,323	322,536	63,102	17,344	29,535	26,554	10,865	1,916	48	670	14	9	18,609	23,960
Euro	133,029	42,137	110,625	36,809	17,423	1,815	4,408	2,709	4,162	1,405	211	1,120	24	50	11	134
Yen	530,531	183,178	338,124	122,290	172,257	48,902	18,756	11,476	2,915	8,021	78	434	4,358	2	11,406	3,019
Pound sterling	8,312	8,197	7,440	6,252	334	303	389	1,291	314	642	75	579	0	6	0	64
Swiss franc	587	1,255	383	832	1	41	163	332	125	110	38	203	0	0	0	19
Other currencies	13,640	25,072	12,028	15,052	1,031	1,010	577	8,865	110	642	330	3,325	...	14	...	4,883
Unallocated	3,533	10,865	6,097	8,715	271	922	-3,501	686	809	101	1	52	...	-1	...	535

Banks' cross-border positions on residents of Japan

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	1,431,862	1,232,922	452,172	311,789	816,628	641,954	145,083	129,292
By location of banking office								
Australia	19,157	15,218	6,464	4,233	24,953	12,045	6,186	1,619
Austria	803	234	575	8	1,799	50	344	40
Belgium	5,416	5,302	1,812	1,757	15,515	12,777	454	441
Brazil	419	241	66	66	2,033	1,838	10	6
Canada	26,285	\	11,406	264	3,457	3,457	840	840
Chile	90	90	...	...	813	676	142	5
Chinese Taipei	16,935	12,416	1,526	176	4,848	3,612	1,248	1,094
Denmark	582	271	487	\	304	294	254	250
Finland	178	5	3	2	1,382	210	210	210
France	257,982	220,694	142,232	113,479	132,504	23,445	17,653	17,653
Germany	23,253	\	\	\	7,070	\	\	\
Greece	35	35	...	...	1	1	1	1
Guernsey	300	32	257	7	23	23	23	23
Hong Kong SAR	173,694	108,382	72,406	14,744	96,277	87,972	11,233	6,103
Ireland	5,493	3,031	4,793	2,625	606	569	486	486
Isle of Man	205	135	15	15	346	346	154	154
Italy	4,317	404	3,803	116	9,232	9,220	58	58
Japan	...	...	...	...	...	...	...	...
Jersey	90	66	37	14	246	246	246	246
Korea	7,583	4,423	1,272	935	10,368	2,415	2,374	426
Luxembourg	7,280	5,758	1,527	86	2,988	3,136	888	874
Macao SAR	2,352	2,214	30	1	214	212	12	12
Mexico	34	34	...	...	362	362	...	...
Netherlands	\	\	3,233	\	10,223	7,490	\	\
Philippines	2,665	2,570	989	977	1,721	1,680	450	436
South Africa	27	26	1	...	311	310	10	10
Spain	574	511	42	17	697	648	42	42
Sweden	1,690	477	1,492	364	135	38	63	23
Switzerland	6,782	1,846	4,610	227	2,523	1,599	1,280	1,084
United Kingdom	372,940	358,153	98,285	86,321	115,180	115,180	35,437	35,437
United States	355,054	345,973	77,909	72,310	191,018	190,709	37,405	37,339

Banks' cross-border positions on residents of Korea

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	220,848	126,365	149,783	92,933	18,287	11,008	37,825	12,860	9,570	1,669	301	1,236	5,851	316	22,103	9,640
By instrument																
Loans and deposits	138,057	102,997	115,530	81,785	13,046	8,894	5,803	11,047	1,975	1,259	295	1,224	105	195	3,428	8,369
Debt securities	62,217	12,838	23,880	2,874	861	1,233	13,470	1,069	3,289	...	1	1	5,698	...	4,482	...
Other instruments	20,573	10,387	10,372	8,271	2,133	656	5,984	460	4,305	277	5	5	48	121	1,625	58
Unallocated	2	142	1	2	2,247	224	12,569	284	1	133	0	6	0	0	12,568	145
By currency																
All instrument																
US dollar	141,230	86,806	110,908	71,274	7,460	6,134	13,753	5,990	3,438	1,177	30	178	978	176	9,306	4,459
Euro	13,481	9,949	8,864	3,713	2,540	951	922	280	299	48	67	172	330	9	225	51
Yen	10,779	5,160	4,786	2,892	2,857	1,642	1,345	195	12	0	0	1	0	0	1,333	194
Pound sterling	937	1,211	590	794	30	138	40	55	18	6	15	37	0	5	7	7
Swiss franc	1,730	1,411	634	143	7	34	1,008	1,117	884	10	7	8	116	0	1	1,099
Other currencies	6,928	16,627	5,297	10,744	401	1,283	782	4,643	10	324	182	834	69	125	521	3,360
Unallocated	45,765	5,201	18,704	3,373	4,991	827	19,976	580	4,909	103	0	5	4,358	1	10,710	471
Of which:																
loans and deposits																
US dollar	104,443	77,026	92,278	66,241	5,436	5,167	4,318	4,716	1,650	1,010	25	172	104	176	2,539	3,358
Euro	9,912	4,620	6,902	3,587	2,411	625	407	273	244	48	67	172	0	9	97	44
Yen	6,574	4,736	3,439	2,888	2,781	1,638	19	128	0	0	0	1	0	0	19	127
Pound sterling	574	933	473	692	12	137	38	53	18	6	15	37	0	5	5	5
Swiss franc	109	1,193	85	51	3	27	9	1,107	0	0	7	8	0	0	1	1,099
Other currencies	4,764	11,817	3,759	6,996	317	531	686	4,287	9	188	181	828	0	5	496	3,266
Unallocated	11,681	2,673	8,593	1,331	2,087	767	326	482	55	6	0	5	1	1	270	470

Banks' cross-border positions on residents of Korea

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	220,848	138,057	59,301	22,468	126,365	102,997	25,132	21,206
By location of banking office								
Australia	2,384	1,247	102	381	4,150	1,895	1,973	882
Austria	81	35	32	19	956	8	3	3
Belgium	120	83	31	25	322	322	148	148
Brazil	625	180	476	30	708	708	...	...
Canada	827	783	41	34	281	281	135	135
Chile	43	43	...	...	23	23	5	5
Chinese Taipei	6,647	1,201	1,880	430	1,361	1,296	291	275
Denmark	38	3	36	2	18	18	4	4
Finland	116	6	48	2	3	2	2	2
France	15,130	5,523	8,204	1,968	7,778	601	300	300
Germany	7,078	\	\	\	1,364	\	\	\
Greece	5	...	5	...	...	...	...	...
Guernsey	179	0	96	0	0	0	0	0
Hong Kong SAR	60,584	42,467	10,567	3,974	21,071	18,606	2,519	2,151
Ireland	85	85	70	70	77	69	0	0
Isle of Man	1	1	1	1	30	30	13	13
Italy	85	8	79	\	11	11	10	10
Japan	30,636	\	14,814	\	8,713	\	256	\
Jersey	15	2	7	2	33	33	33	33
Korea	...	...	...	...	...	...	...	...
Luxembourg	1,031	531	216	4	1,448	1,492	13	13
Macao SAR	981	381	26	0	2,437	2,417	2,334	2,334
Mexico	2	2	0	0	68	68	...	...
Netherlands	1,796	285	\	\	\	\	\	\
Philippines	527	103	86	1	152	141	34	33
South Africa	...	...	...	...	10	10	7	7
Spain	272	227	211	210	396	291	12	12
Sweden	110	91	107	90	72	45	31	5
Switzerland	2,966	783	1,339	19	294	43	183	27
United Kingdom	16,544	9,834	9,735	4,107	6,544	6,474	3,809	3,809
United States	22,745	22,722	6,368	6,359	27,630	24,600	3,022	2,556

Banks' cross-border positions on residents of Malaysia

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	83,361	39,556	49,251	18,707	2,614	6,558	20,048	13,474	2,649	1,637	1,475	4,425	851	14	15,072	7,399
By instrument																
Loans and deposits	61,212	32,510	40,266	13,852	862	6,011	11,206	12,418	1,386	1,401	1,464	4,054	0	14	8,357	6,949
Debt securities	16,309	636	5,523	252	555	-2	3,228	225	406	0	6	0	851	...	1,966	...
Other instruments	5,839	6,036	3,461	4,601	352	492	1,017	345	857	233	6	13	1	...	153	...
Unallocated	1	373	1	2	846	56	4,597	485	0	2	0	358	...	...	...	...
By currency																
All instrument																
US dollar	45,848	19,085	30,759	8,463	1,747	4,375	5,767	6,115	1,578	944	30	750	40	10	4,119	4,410
Euro	4,714	4,480	2,965	3,795	34	36	816	503	57	66	116	367	610	3	34	66
Yen	7,556	472	4,527	278	0	30	1,599	157	5	2	17	15	0	...	1,577	...
Pound sterling	2,461	1,461	1,836	197	22	375	367	746	23	59	323	627	0	...	21	...
Swiss franc	408	125	275	38	32	1	37	83	0	0	34	75	0	...	3	...
Other currencies	8,714	9,311	1,997	3,155	44	986	6,667	5,166	66	337	950	2,448	0	...	5,650	...
Unallocated	13,662	4,622	6,891	2,781	736	756	4,795	704	921	227	4	142	202	0	3,668	335
Of which:																
loans and deposits																
US dollar	37,302	17,043	27,039	7,224	727	4,310	3,819	5,442	1,216	933	23	415	0	10	2,579	4,084
Euro	3,714	4,326	2,809	3,777	21	35	208	502	57	66	116	367	...	3	...	66
Yen	5,039	464	3,777	278	0	30	40	157	5	2	17	15	...	...	...	...
Pound sterling	2,406	1,441	1,835	191	21	375	367	736	23	59	323	617	...	...	...	...
Swiss franc	253	120	167	35	0	0	37	82	0	0	34	74	...	...	...	...
Other currencies	7,515	7,528	818	1,597	36	936	6,655	4,989	66	292	947	2,439	...	...	...	...
Unallocated	4,982	1,588	3,821	751	56	325	80	510	19	49	3	127	...	0	...	334

Banks' cross-border positions on residents of Malaysia

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	83,361	61,212	30,989	20,899	39,556	32,510	20,253	18,650
By location of banking office								
Australia	2,292	1,046	2,066	890	2,090	2,035	1,827	1,815
Austria	5	5	3	3	22	11	11	11
Belgium	440	437	5	5	95	94	35	35
Brazil	...	...	...	...	1	1	...	...
Canada	\	\	50	46	76	76	47	47
Chile	...	...	...	...	0	0	0	0
Chinese Taipei	3,346	1,825	584	433	1,775	1,391	932	927
Denmark	25	23	23	22	37	36	35	35
Finland	2	2	2	2	5	5	4	4
France	693	117	252	95	4,195	4,054	244	244
Germany	592	\	\	\	294	\	\	\
Greece	...	...	...	...	...	...	...	...
Guernsey	21	3	18	3	106	106	106	106
Hong Kong SAR	12,858	6,712	3,846	1,527	6,842	5,226	3,653	3,483
Ireland	88	5	88	5	96	61	6	6
Isle of Man	7	7	7	7	100	100	100	100
Italy	10	8	6	\	8	8	7	7
Japan	8,858	\	5,440	\	1,119	\	126	\
Jersey	30	27	30	27	212	212	212	212
Korea	776	727	457	457	910	910	643	643
Luxembourg	73	73	13	13	90	87	68	68
Macao SAR	270	243	22	22	61	40	40	40
Mexico	...	...	...	...	...	...	...	...
Netherlands	173	118	148	117	143	142	113	113
Philippines	119	63	70	38	478	432	16	15
South Africa	...	...	...	...	8	8	3	3
Spain	92	92	54	54	54	15	14	14
Sweden	154	3	3	3	10	10	8	8
Switzerland	478	239	332	231	571	197	541	177
United Kingdom	4,169	2,881	1,504	469	5,843	5,843	4,427	4,427
United States	1,585	1,576	71	71	5,556	5,555	2,658	2,657

Banks' cross-border positions on residents of Mexico

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	133,248	132,221	23,803	73,143	32,257	9,366	70,086	45,708	24,253	9,500	2,142	5,578	9,723	50	33,968	30,579
By instrument																
Loans and deposits	87,343	122,801	19,352	70,172	17,005	8,970	46,968	43,306	19,634	8,492	2,098	4,471	3,063	12	22,173	30,330
Debt securities	25,172	3,595	3,222	2,989	963	231	10,299	232	3,164	...	5	1	6,698	...	432	...
Other instruments	20,735	3,657	1,228	-42	13,472	8	1,476	163	1,455	124	39	1	-39	38	21	0
Unallocated	-2	2,168	1	23	816	157	11,343	2,007	1	884	0	1,105	1	0	11,341	17
By currency																
All instrument																
US dollar	78,575	100,526	14,194	57,985	15,847	8,857	45,573	33,081	16,282	6,118	1,139	3,590	5,469	3	22,684	23,370
Euro	13,538	15,356	1,485	7,775	793	220	8,392	4,596	3,382	1,109	601	1,536	3,401	43	1,008	1,908
Yen	4,875	2,632	319	1,966	26	47	4,473	615	45	1	7	3	8	0	4,413	611
Pound sterling	506	2,102	70	897	17	5	405	1,181	105	10	8	82	223	3	68	1,086
Swiss franc	584	266	84	76	255	6	240	184	79	31	129	152	9	0	23	2
Other currencies	3,794	2,403	3,480	2,052	225	28	88	259	5	27	26	127	10	1	47	105
Unallocated	31,377	8,937	4,171	2,392	15,094	203	10,917	5,792	4,356	2,204	232	89	604	1	5,725	3,497
Of which:																
loans and deposits																
US dollar	67,502	94,583	11,645	55,055	15,171	8,466	37,982	30,742	14,532	5,062	1,107	2,556	1,697	1	20,647	23,122
Euro	7,214	12,421	1,451	7,775	751	220	4,739	4,414	2,022	964	594	1,533	1,247	9	875	1,908
Yen	672	2,632	69	1,966	18	47	128	615	45	1	7	3	0	0	76	611
Pound sterling	341	2,086	70	897	17	5	244	1,168	196	10	8	71	0	0	40	1,086
Swiss franc	246	244	21	75	24	6	197	163	41	10	125	151	9	0	23	2
Other currencies	3,721	2,331	3,469	2,043	174	28	77	259	5	27	26	126	0	1	47	105
Unallocated	7,648	8,505	2,626	2,362	850	198	3,601	5,945	2,794	2,417	232	29	110	1	465	3,497

Banks' cross-border positions on residents of Mexico

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	133,248	87,343	104,731	66,852	132,221	122,801	55,424	52,627
By location of banking office								
Australia	487	152	75	48	179	157	25	20
Austria	183	138	182	137	23	19	20	19
Belgium	281	226	217	166	114	113	59	59
Brazil	807	283	521	...	4	4	1	1
Canada	\	\	\	\	6,126	6,126	\	\
Chile	255	58	50	50	10	4	3	3
Chinese Taipei	1,224	24	1,186	17	115	114	115	114
Denmark	41	10	36	7	21	21	21	21
Finland	11	10	8	7	3	3	3	3
France	4,175	2,647	3,106	2,210	4,832	4,817	836	836
Germany	3,172	\	\	\	836	\	\	\
Greece	39	...	39	...	...	...	...	...
Guernsey	35	2	35	1	3	3	3	3
Hong Kong SAR	1,060	962	975	903	92	74	89	72
Ireland	826	815	802	791	175	162	112	112
Isle of Man	0	0	0	0	40	40	40	40
Italy	790	230	792	224	111	106	103	97
Japan	12,730	\	12,158	\	151	\	59	\
Jersey	3	1	2	1	48	48	48	48
Korea	2,948	2,870	2,476	2,467	104	104	8	8
Luxembourg	313	214	270	172	159	97	91	91
Macao SAR	0	0	0	0	0	0	0	0
Mexico	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	7,304	7,214	\	\
Philippines	418	38	322	38	1	1	1	1
South Africa	1	1	1	1	1	1	1	1
Spain	29,709	10,334	22,196	7,952	6,478	3,147	2,624	2,624
Sweden	558	557	557	557	\	\	\	\
Switzerland	3,016	1,895	2,933	1,886	7,836	5,515	3,631	1,342
United Kingdom	5,188	2,911	4,239	2,091	4,677	4,677	1,654	1,654
United States	45,278	45,106	34,858	34,703	77,514	76,253	38,601	38,139

Banks' cross-border positions on residents of Netherlands

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	999,438	768,835	479,800	419,950	240,302	130,818	257,706	119,171	159,127	89,787	11,842	7,188	24,915	2,687	61,823	19,509
By instrument																
Loans and deposits	676,784	642,380	361,228	399,406	127,072	123,775	175,173	114,959	132,383	86,636	11,433	7,037	4,373	2,483	26,984	18,803
Debt securities	254,009	86,574	97,840	3,744	70,355	885	38,039	497	15,376	2	135	2	20,477	203	2,050	290
Other instruments	58,874	38,378	11,335	16,542	24,901	5,749	12,433	2,752	11,299	2,474	53	13	64	1	1,018	264
Unallocated	9,772	1,503	9,396	257	17,974	408	32,061	964	69	674	220	137	1	0	31,771	153
By currency																
All instrument																
US dollar	225,540	282,198	97,064	162,655	39,639	41,730	82,137	51,870	53,772	34,835	412	459	1,821	113	26,132	16,464
Euro	689,807	374,539	328,666	194,561	188,912	71,684	159,749	50,210	92,794	40,476	10,395	5,156	22,988	2,565	33,573	2,014
Yen	10,692	10,919	5,080	4,094	4,011	2,204	502	697	176	362	2	8	0	0	323	327
Pound sterling	41,196	47,491	29,548	30,601	2,881	5,999	8,344	4,822	7,521	4,403	293	376	18	0	512	43
Swiss franc	4,067	9,600	1,638	5,367	1,145	1,619	1,230	1,430	695	1,075	511	349	13	0	12	5
Other currencies	12,626	24,563	6,193	11,679	2,309	5,885	3,945	5,834	3,098	4,425	155	772	0	8	691	629
Unallocated	15,510	19,526	11,611	10,992	1,405	1,697	1,799	4,308	1,070	4,211	73	68	76	1	580	27
Of which:																
loans and deposits																
US dollar	179,747	252,200	76,614	158,577	27,514	40,921	70,703	50,571	49,332	34,306	230	369	907	113	20,234	15,784
Euro	437,796	306,322	242,348	185,533	95,586	70,666	94,079	49,510	74,664	40,014	10,230	5,139	3,465	2,362	5,720	1,995
Yen	4,410	7,152	2,121	4,072	445	2,185	249	697	176	362	2	8	0	0	70	327
Pound sterling	33,638	41,177	26,766	30,301	1,712	5,996	4,791	4,694	4,378	4,285	266	364	0	0	147	44
Swiss franc	1,205	8,215	307	5,209	116	1,580	732	1,406	223	1,054	508	347	0	0	1	5
Other currencies	9,574	11,105	4,926	5,375	1,072	883	3,577	3,968	2,851	2,569	155	769	0	7	571	622
Unallocated	10,414	16,209	8,147	10,339	628	1,543	1,042	4,113	758	4,045	42	40	1	1	240	26

Banks' cross-border positions on residents of Netherlands

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	999,438	676,784	504,941	312,979	768,835	642,380	253,439	242,077
By location of banking office								
Australia	4,012	2,348	1,377	477	11,205	7,032	666	521
Austria	8,119	4,313	5,214	3,560	2,995	1,693	2,316	1,489
Belgium	63,379	53,565	21,326	15,571	39,969	29,089	8,519	8,182
Brazil	3,186	3,186	27	27	6,496	6,391	116	11
Canada	4,847	3,966	1,258	720	5,440	5,440	459	459
Chile	27	18	...	...	179	173	2	2
Chinese Taipei	5,814	1,860	3,574	1,505	3,755	3,009	1,134	533
Denmark	2,527	725	1,753	646	1,269	1,135	703	696
Finland	4,359	170	2,438	158	2,794	1,593	2,033	1,495
France	144,406	68,676	66,749	23,216	170,699	92,362	30,629	30,629
Germany	190,805	\	\	\	65,144	\	\	\
Greece	1,601	72	1,580	72	465	...	279	\
Guernsey	4,342	3,612	817	272	1,212	1,031	1,031	1,031
Hong Kong SAR	12,789	10,131	6,081	5,280	28,634	27,835	1,227	1,076
Ireland	30,705	28,017	8,142	7,262	28,157	22,669	4,275	4,156
Isle of Man	433	410	133	110	104	104	67	67
Italy	13,327	7,598	4,655	1,014	14,794	13,902	928	905
Japan	62,185	\	49,660	\	4,708	\	3,023	\
Jersey	701	492	598	492	401	400	401	400
Korea	897	504	422	419	900	792	123	123
Luxembourg	24,790	16,157	16,032	11,298	11,759	11,454	6,901	6,771
Macao SAR	297	237	239	237	4	2	2	2
Mexico	25	25	15	15	103	103	...	...
Netherlands	...	...	...	...	...	...	...	...
Philippines	672	489	553	404	884	856	35	30
South Africa	2,332	2,287	702	671	231	208	142	134
Spain	46,429	26,856	24,122	7,680	18,376	13,405	7,914	7,914
Sweden	7,838	6,668	2,348	1,670	1,291	848	1,021	719
Switzerland	22,843	5,581	9,466	4,850	12,147	10,119	7,367	6,000
United Kingdom	247,125	230,458	142,042	128,234	219,099	219,099	95,507	95,507
United States	27,375	27,085	15,363	15,183	47,796	47,433	24,961	24,598

Banks' cross-border positions on residents of Poland

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	89,110	29,931	40,884	19,953	7,875	1,101	37,921	7,391	19,641	3,817	721	3,313	14,540	25	3,020	237
By instrument																
Loans and deposits	48,239	27,438	21,407	19,743	6,866	1,006	19,678	6,605	18,639	3,746	716	2,615	79	23	244	221
Debt securities	20,359	1,048	2,443	10	29	1	15,227	3	474	...	...	0	14,403	0	...	...
Other instruments	20,510	575	17,032	166	401	12	542	12	528	6	5	4	-11	1	20	0
Unallocated	2	869	1	34	579	82	2,474	771	0	65	0	694	68	0	2,406	13
By currency																
All instrument																
US dollar	5,294	5,870	2,214	3,848	339	191	2,656	982	1,048	159	70	647	1,239	0	299	176
Euro	40,542	9,657	13,034	6,162	2,253	384	25,111	2,854	13,531	1,223	442	1,581	10,961	21	177	29
Yen	1,083	138	2	80	0	47	1,069	10	0	0	0	2	1,056	0	12	8
Pound sterling	111	628	9	265	26	135	71	214	41	65	29	148	0	0	0	1
Swiss franc	4,205	409	3,872	163	92	5	240	239	37	8	44	229	154	1	5	1
Other currencies	4,604	3,510	2,070	2,675	955	160	1,577	412	1,012	104	64	285	230	3	272	20
Unallocated	33,272	9,718	19,684	6,760	4,210	180	7,196	2,681	3,972	2,258	71	421	899	0	2,255	2
Of which:																
loans and deposits																
US dollar	3,591	4,705	2,192	3,833	265	152	1,068	688	852	124	70	401	...	0	...	163
Euro	23,834	9,192	7,442	6,101	2,217	384	14,085	2,693	13,494	1,217	442	1,428	75	21	74	28
Yen	15	137	2	79	0	47	0	10	0	0	0	2	...	0	...	8
Pound sterling	110	613	9	265	26	134	71	199	41	61	29	137	...	0	...	1
Swiss franc	3,993	395	3,821	153	92	5	79	236	36	8	43	227	...	0	...	1
Other currencies	3,388	3,227	1,409	2,662	947	155	1,031	409	954	102	64	285	...	2	...	20
Unallocated	13,310	9,170	6,533	6,650	3,320	130	3,345	2,370	3,261	2,234	68	136	4	0	11	1

Banks' cross-border positions on residents of Poland

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	89,110	48,239	45,963	26,818	29,931	27,438	8,557	7,677
By location of banking office								
Australia	66	58	14	6	191	186	43	38
Austria	10,012	7,012	5,746	3,057	2,041	986	190	189
Belgium	1,901	952	1,062	809	2,269	2,169	169	168
Brazil	...	...	...	...	...	...	...	...
Canada	\	\	\	\	27	27	20	20
Chile	...	...	...	...	0	0	0	0
Chinese Taipei	24	10	18	4	6	5	5	4
Denmark	842	744	304	242	846	833	187	180
Finland	226	76	62	39	82	15	12	12
France	14,604	6,553	6,079	3,766	2,461	2,408	249	249
Germany	22,913	\	\	\	2,228	\	\	\
Greece	125	10	123	8	8	\	8	\
Guernsey	11	0	11	...	3	3	3	3
Hong Kong SAR	222	200	169	150	91	73	52	35
Ireland	1,269	569	1,119	423	55	54	28	28
Isle of Man	0	0	0	0	22	22	22	22
Italy	2,704	1,585	1,195	646	240	222	55	55
Japan	3,588	\	3,053	\	67	\	9	\
Jersey	4	4	3	3	35	34	34	34
Korea	309	309	274	274	6	6	6	6
Luxembourg	3,965	2,882	2,336	1,334	1,075	1,002	590	589
Macao SAR	...	...	...	...	0	0	0	0
Mexico	...	...	...	...	1	1	...	...
Netherlands	7,065	3,688	1,880	1,223	\	\	\	\
Philippines	...	...	...	...	0	0	0	0
South Africa	...	...	...	...	3	3	2	2
Spain	6,549	1,262	721	630	2,357	2,220	236	236
Sweden	813	800	638	625	84	79	24	22
Switzerland	1,006	618	830	463	2,072	1,196	1,833	994
United Kingdom	6,977	5,578	4,666	3,418	7,955	7,955	1,495	1,495
United States	1,150	1,150	108	108	1,392	1,391	172	171

Banks' cross-border positions on residents of Russia

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	94,715	156,066	33,835	110,967	3,456	8,149	56,553	33,863	31,743	2,794	3,198	21,939	900	49	20,712	9,082
By instrument																
Loans and deposits	76,597	150,791	22,923	109,931	2,847	8,087	49,314	30,921	29,146	2,699	3,135	19,097	74	49	16,959	9,076
Debt securities	4,174	893	1,043	19	39	3	1,104	8	165	...	0	3	790	0	148	...
Other instruments	13,922	1,058	9,848	679	443	2	3,120	5	2,430	6	29	-2	13	0	648	1
Unallocated	22	3,324	21	338	127	57	3,015	2,929	2	90	33	2,841	22	...	2,958	...
By currency																
All instrument																
US dollar	28,323	84,990	7,376	59,207	2,571	671	17,973	23,169	8,734	1,594	339	13,348	517	24	8,382	8,204
Euro	41,445	56,268	9,457	41,629	308	6,378	31,543	7,877	18,393	801	2,085	6,591	54	18	11,010	467
Yen	312	294	288	115	0	0	8	42	-1	0	2	2	...	0	...	40
Pound sterling	687	5,462	4	4,326	57	58	601	838	174	22	425	806	...	4	...	6
Swiss franc	2,258	1,326	246	272	38	332	1,887	705	1,595	1	293	703	...	0	...	1
Other currencies	7,010	2,034	6,704	1,354	63	27	243	654	140	27	28	266	...	1	...	360
Unallocated	14,680	5,691	9,759	4,065	419	683	4,298	579	2,708	350	26	223	269	2	1,295	4
Of which:																
loans and deposits																
US dollar	25,247	80,958	6,558	58,578	2,405	667	15,652	20,450	8,182	1,573	302	10,655	70	24	7,098	8,199
Euro	39,959	55,831	8,908	41,421	303	6,378	30,289	7,807	18,357	799	2,080	6,523	4	18	9,848	467
Yen	305	282	287	115	0	0	2	42	0	0	2	2	...	0	...	40
Pound sterling	463	5,282	4	4,324	1	58	442	807	15	22	425	775	...	4	...	6
Swiss franc	1,992	1,277	5	228	11	332	1,892	704	1,601	1	290	702	...	0	...	1
Other currencies	4,981	2,013	4,811	1,324	0	27	170	661	133	27	28	274	...	1	...	359
Unallocated	3,650	5,148	2,351	3,940	126	626	868	451	858	277	9	167	...	2	...	4

Banks' cross-border positions on residents of Russia

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	94,715	76,597	60,582	53,673	156,066	150,791	43,862	40,857
By location of banking office								
Australia	9	9	9	9	80	80	79	79
Austria	5,014	3,017	2,123	2,052	7,571	6,802	1,885	1,882
Belgium	562	504	284	283	15,116	15,106	336	334
Brazil	...	...	...	...	...	...	...	...
Canada	3	3	3	3	86	86	53	53
Chile	...	...	...	...	2	2	1	1
Chinese Taipei	485	2	323	1	8	6	8	6
Denmark	156	33	44	5	7,657	\	96	91
Finland	782	195	604	53	\	\	164	164
France	9,119	6,144	4,848	4,289	19,561	19,377	1,436	1,436
Germany	8,193	\	\	\	13,591	\	\	\
Greece	48	22	47	21	102	...	84	\
Guernsey	24	19	23	19	26	26	26	26
Hong Kong SAR	84	67	11	11	8,311	8,310	7,995	7,995
Ireland	803	805	743	744	56	55	1	1
Isle of Man	0	0	0	0	66	66	66	66
Italy	7,078	4,219	3,677	3,528	5,791	5,517	271	271
Japan	4,153	\	3,139	\	163	\	41	\
Jersey	105	105	105	105	139	139	139	139
Korea	1,104	1,041	900	900	239	239	210	210
Luxembourg	5,231	5,199	4,709	4,694	1,730	1,720	887	886
Macao SAR	0	0	...	...	0	0	0	0
Mexico	6	6	0	0	0	0	...	...
Netherlands	2,456	1,510	1,184	1,097	\	\	\	\
Philippines	95	...	95	...	1	1	1	1
South Africa	6	6	1	1	4	4	4	4
Spain	957	945	937	928	2,901	2,898	1,113	1,113
Sweden	\	\	\	\	\	\	\	\
Switzerland	2,573	2,255	1,639	1,534	16,441	13,057	12,559	9,570
United Kingdom	16,116	12,964	8,978	6,513	26,711	26,711	9,091	9,091
United States	560	560	64	64	10,127	10,121	971	965

Banks' cross-border positions on residents of Saudi Arabia

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	95,645	232,905	22,103	149,505	14,157	11,251	42,171	55,368	20,554	28,846	5,049	20,200	9,824	406	6,744	5,916
By instrument																
Loans and deposits	87,059	222,607	19,484	148,670	13,593	10,882	36,619	47,825	19,650	27,770	5,017	13,816	8,702	344	3,249	5,895
Debt securities	4,282	1,148	921	108	-3	16	1,816	21	395	0	2	0	1,116	...	302	...
Other instruments	4,302	1,620	1,698	480	331	332	591	258	508	205	30	18	6	35	47	0
Unallocated	2	7,530	0	247	235	20	3,145	7,264	0	870	0	6,366	-1	27	3,146	0
By currency																
All instrument																
US dollar	73,389	197,652	11,358	134,140	12,965	9,624	38,189	43,368	19,568	27,359	2,256	10,153	9,820	104	6,545	5,753
Euro	2,736	6,913	859	2,417	544	628	1,245	2,691	405	204	826	2,238	0	212	14	37
Yen	165	5,236	59	5,018	1	72	9	104	0	9	5	46	0	1	5	48
Pound sterling	1,947	3,063	398	1,148	13	48	1,061	1,696	119	65	941	1,587	0	43	0	0
Swiss franc	534	439	5	138	171	23	355	267	4	9	352	254	0	4	0	1
Other currencies	755	7,802	52	621	21	375	679	6,806	6	859	665	5,841	0	41	9	65
Unallocated	16,119	11,800	9,371	6,021	442	481	632	437	452	341	5	82	3	2	173	12
Of which:																
loans and deposits																
US dollar	68,670	189,941	10,341	133,821	12,756	9,588	33,234	36,387	19,065	26,448	2,244	4,131	8,701	75	3,224	5,732
Euro	2,601	5,812	737	2,408	544	628	1,241	2,662	405	204	822	2,209	0	212	14	36
Yen	135	5,210	47	5,018	1	72	5	104	0	9	5	46	0	1	0	48
Pound sterling	1,943	2,692	398	1,147	13	48	1,061	1,385	119	63	941	1,279	0	43	0	0
Swiss franc	348	422	5	137	0	23	340	260	3	8	337	247	0	4	0	1
Other currencies	744	6,804	52	122	11	61	679	6,620	6	700	664	5,850	0	6	8	64
Unallocated	12,617	11,727	7,904	6,017	268	462	60	407	51	338	4	54	1	2	4	12

Banks' cross-border positions on residents of Saudi Arabia

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	95,645	87,059	72,019	67,546	232,905	222,607	81,848	73,936
By location of banking office								
Australia	57	57	56	56	1,721	1,719	107	107
Austria	115	105	46	36	954	764	742	742
Belgium	2,397	2,389	2,136	2,129	9,138	9,101	1,992	1,980
Brazil	...	...	...	...	2	2	...	...
Canada	141	141	39	39	248	248	236	236
Chile	...	...	...	...	0	0	0	0
Chinese Taipei	1,049	22	874	4	82	66	76	64
Denmark	18	8	16	6	828	\	28	27
Finland	14	14	11	11	11	11	11	11
France	8,254	6,006	5,624	5,571	14,782	13,474	2,248	2,248
Germany	2,307	\	\	\	1,421	\	\	\
Greece	55	...	55	...	...	...	...	...
Guernsey	89	89	89	89	68	67	68	67
Hong Kong SAR	3,794	3,458	3,456	3,250	6,992	6,991	5,036	5,036
Ireland	1,511	1,455	1,431	1,375	535	514	14	14
Isle of Man	6	6	6	6	343	343	343	343
Italy	381	182	319	120	3,151	3,151	48	48
Japan	3,662	\	3,378	\	244	\	53	\
Jersey	351	351	351	350	301	301	301	301
Korea	3,820	3,800	3,536	3,517	27	27	27	27
Luxembourg	2,008	1,994	1,940	1,935	135	136	99	99
Macao SAR	81	71	81	71	1	1	1	1
Mexico	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\
Philippines	568	4	151	0	80	80	44	44
South Africa	4	4	2	2	5	5	3	3
Spain	585	585	397	397	7,460	7,460	753	753
Sweden	744	734	566	566	321	321	10	10
Switzerland	3,657	3,301	3,501	3,179	11,464	3,924	11,105	3,814
United Kingdom	31,108	30,033	22,826	22,297	108,422	108,422	28,536	28,536
United States	4,514	4,502	1,731	1,731	15,165	15,091	1,133	1,100

Banks' cross-border positions on residents of Singapore

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	673,419	686,700	549,992	498,021	37,968	56,409	82,791	127,155	36,181	25,121	8,191	13,999	6,159	6,044	32,259	81,992
By instrument																
Loans and deposits	586,999	546,486	489,049	417,224	28,695	30,817	64,481	97,615	31,993	22,347	8,071	12,964	5,914	5,069	18,504	57,235
Debt securities	46,532	59,463	29,542	28,623	3,235	15,242	4,794	11,779	2,123	289	33	9	210	...	2,429	...
Other instruments	36,262	77,730	27,818	50,439	3,338	5,204	2,826	11,327	2,057	2,364	56	211	36	974	677	7,778
Unallocated	3,626	3,021	3,583	1,736	2,700	5,146	10,690	6,434	9	121	32	815	...	0	...	5,498
By currency																
All instrument																
US dollar	435,018	434,424	364,781	334,350	16,249	24,854	52,446	72,686	28,209	14,701	428	1,973	5,864	4,459	17,945	51,553
Euro	54,087	53,849	46,394	38,416	2,814	9,828	4,648	4,443	2,532	1,566	1,095	1,377	50	239	971	1,261
Yen	54,678	25,161	47,319	20,896	3,219	2,110	4,034	2,085	605	237	38	87	0	0	3,391	1,761
Pound sterling	10,177	15,706	7,234	9,558	402	2,030	2,136	3,621	923	1,841	1,040	1,169	1	0	172	612
Swiss franc	3,636	3,149	2,434	2,317	557	215	602	600	25	141	501	421	0	0	75	37
Other currencies	37,819	103,390	22,511	62,740	6,451	11,168	8,800	28,928	958	4,180	5,009	8,576	7	1,197	2,826	14,975
Unallocated	78,004	51,021	59,318	29,745	8,276	6,205	10,126	14,791	2,930	2,454	79	396	237	149	6,880	11,793
Of which:																
loans and deposits																
US dollar	393,502	383,089	333,938	305,098	11,640	16,909	45,916	60,628	26,033	13,950	349	1,377	5,840	4,458	13,694	40,843
Euro	49,110	42,539	42,651	34,878	2,632	3,477	3,792	4,157	1,817	1,545	1,094	1,345	49	236	832	1,031
Yen	50,150	24,325	46,186	20,301	1,992	1,948	939	2,073	601	232	38	87	0	0	300	1,754
Pound sterling	9,286	15,182	6,746	9,311	276	2,023	2,110	3,558	920	1,837	1,037	1,110	0	0	152	611
Swiss franc	1,766	2,043	1,201	1,250	21	201	535	587	23	138	481	417	0	0	30	33
Other currencies	32,738	45,254	18,487	21,908	6,066	3,610	8,178	19,727	554	2,368	5,001	8,369	0	229	2,624	8,762
Unallocated	50,449	34,054	39,840	24,478	6,068	2,648	3,011	6,884	2,045	2,278	71	258	24	146	872	4,201

Banks' cross-border positions on residents of Singapore

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	673,419	586,999	121,910	97,721	686,700	546,486	184,329	129,195
By location of banking office								
Australia	37,443	32,335	9,712	8,039	25,856	20,977	4,226	3,627
Austria	492	456	443	442	230	136	79	78
Belgium	2,333	1,861	126	123	1,331	1,326	253	252
Brazil	...	...	...	...	58	58	...	...
Canada	2,758	2,654	732	704	1,367	1,367	226	226
Chile	0	0	...	...	0	0	0	0
Chinese Taipei	17,302	14,334	3,473	2,367	27,446	25,459	3,424	3,329
Denmark	2,132	\	2,120	\	2,337	2,297	2,320	2,282
Finland	\	\	20	11	\	\	14	13
France	36,850	33,674	9,295	8,582	23,337	22,342	5,431	5,431
Germany	34,847	\	\	\	12,602	\	\	\
Greece	3	3	3	3	10	10	10	10
Guernsey	3,312	3,248	126	86	276	88	63	63
Hong Kong SAR	105,926	81,875	18,424	13,876	113,391	84,868	29,991	19,696
Ireland	567	284	311	167	563	239	164	140
Isle of Man	141	141	141	141	116	116	116	116
Italy	352	302	185	179	110	110	24	24
Japan	127,863	\	13,347	\	66,661	\	2,352	\
Jersey	163	143	154	137	743	743	737	737
Korea	5,683	3,090	1,437	1,203	21,866	5,242	638	352
Luxembourg	7,082	6,106	543	447	9,220	8,886	834	834
Macao SAR	3,550	2,860	1,063	652	2,881	1,676	73	73
Mexico	81	81	81	81	16	16	...	...
Netherlands	47,868	46,123	3,447	3,349	16,201	15,399	\	\
Philippines	1,843	1,642	470	390	4,730	3,681	348	339
South Africa	508	507	337	337	45	44	22	22
Spain	1,808	1,758	658	652	378	104	53	53
Sweden	\	\	\	\	1,008	976	42	29
Switzerland	19,328	12,874	6,060	4,728	18,244	14,397	4,037	2,708
United Kingdom	97,130	93,235	26,549	25,404	73,155	73,155	27,231	27,231
United States	54,449	54,361	4,639	4,629	57,313	52,003	9,775	9,619

Banks' cross-border positions on residents of South Africa

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	62,024	40,751	25,519	23,172	13,092	3,909	22,973	12,052	10,422	785	1,050	8,204	1,678	2	9,822	3,061
By instrument																
Loans and deposits	43,318	39,346	18,668	22,658	7,573	3,672	16,721	11,521	9,986	737	1,038	7,779	603	2	5,093	3,003
Debt securities	11,649	247	750	1	4,844	160	1,371	56	296	...	2	0	1,070	...	3	...
Other instruments	7,042	753	6,099	510	85	37	155	79	135	47	3	31	5	...	12	...
Unallocated	14	405	2	4	590	40	4,726	397	5	1	7	394	0	...	4,713	...
By currency																
All instrument																
US dollar	24,689	24,719	12,486	16,777	1,639	1,907	10,386	5,378	4,410	266	79	2,459	662	1	5,234	2,652
Euro	5,082	5,117	887	2,468	432	120	3,756	2,350	3,270	189	323	2,145	92	1	71	16
Yen	280	91	263	51	2	18	10	16	6	0	2	4	0	0	2	11
Pound sterling	1,764	3,985	736	672	136	122	861	2,483	471	202	386	2,271	3	0	1	10
Swiss franc	168	336	31	54	0	11	137	263	1	1	136	261	0	0	0	1
Other currencies	499	1,812	198	272	147	164	153	1,365	15	105	113	897	8	0	17	363
Unallocated	29,542	4,692	10,917	2,879	10,736	1,565	7,670	197	2,250	22	12	167	913	0	4,496	7
Of which:																
loans and deposits																
US dollar	23,483	24,278	12,315	16,743	1,521	1,906	9,481	4,981	4,240	264	76	2,121	149	1	5,015	2,595
Euro	4,997	5,029	885	2,467	418	120	3,689	2,349	3,267	188	323	2,144	31	1	67	16
Yen	271	90	256	51	2	18	8	16	6	0	2	4	0	0	0	11
Pound sterling	1,745	3,934	723	668	135	122	856	2,439	467	202	386	2,227	3	0	0	10
Swiss franc	146	296	10	15	0	11	136	263	1	1	135	260	0	0	0	1
Other currencies	452	1,611	170	172	145	117	137	1,322	14	65	113	893	0	0	10	363
Unallocated	12,225	4,107	4,310	2,542	5,353	1,377	2,414	151	1,990	15	3	129	420	0	1	7

Banks' cross-border positions on residents of South Africa

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	62,024	43,318	36,273	24,647	40,751	39,346	17,456	16,688
By location of banking office								
Australia	211	211	209	209	669	519	639	489
Austria	472	441	366	335	125	112	85	85
Belgium	122	109	49	48	186	183	114	113
Brazil	1	1	...	...	...	...	...	...
Canada	\	\	8	6	80	80	56	56
Chile	...	...	...	...	0	0	0	0
Chinese Taipei	537	366	141	9	56	44	20	15
Denmark	177	\	173	\	396	\	392	\
Finland	6	6	4	4	\	\	2	2
France	3,098	2,454	1,833	1,682	1,712	1,639	167	167
Germany	2,524	\	\	\	2,716	\	\	\
Greece	5	...	5	...	...	...	...	...
Guernsey	452	440	27	15	450	450	449	449
Hong Kong SAR	1,304	1,223	469	415	311	264	235	193
Ireland	634	630	362	358	122	119	47	47
Isle of Man	4,284	4,276	891	891	6,055	5,667	2,422	2,394
Italy	419	315	405	303	104	104	98	98
Japan	6,038	\	5,304	\	43	\	12	\
Jersey	115	111	35	32	1,430	1,428	1,428	1,428
Korea	222	222	161	161	2	2	2	2
Luxembourg	565	559	466	461	144	124	99	99
Macao SAR	382	382	20	20	7	7	6	6
Mexico	1	1	...	...	0	0	...	...
Netherlands	679	612	530	471	518	518	365	365
Philippines	0	0	...	...	3	3	3	3
South Africa	...	...	...	...	...	...	...	...
Spain	239	237	220	220	53	52	50	50
Sweden	102	101	100	100	15	14	10	10
Switzerland	842	802	744	726	1,754	1,310	1,203	808
United Kingdom	24,514	18,585	16,388	10,564	14,974	14,974	4,526	4,526
United States	1,203	1,203	505	505	3,429	3,428	672	672

Banks' cross-border positions on residents of Spain

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	448,885	293,323	208,348	222,783	28,022	14,775	207,513	36,124	59,678	16,514	5,356	15,166	112,056	179	30,422	4,264
By instrument																
Loans and deposits	230,000	244,103	158,427	196,907	12,311	10,154	57,963	34,664	46,726	16,109	5,342	14,361	5,009	177	886	4,017
Debt securities	183,673	13,543	30,787	313	10,600	446	112,066	239	4,934	4	...	2	106,802	0	...	233
Other instruments	34,904	34,709	18,829	25,545	2,116	4,045	8,251	387	8,007	372	14	9	204	3	25	3
Unallocated	309	968	305	18	2,995	130	29,233	833	11	29	0	793	42	0	29,181	11
By currency																
All instrument																
US dollar	48,317	72,822	40,483	56,031	774	5,929	5,202	6,983	4,440	1,706	172	1,866	69	2	520	3,410
Euro	389,731	197,271	161,959	151,192	26,016	8,286	199,809	23,919	53,712	13,460	4,449	9,738	111,998	169	29,650	553
Yen	1,380	1,335	743	488	277	143	155	98	77	62	14	9	0	0	65	27
Pound sterling	4,707	13,572	3,091	10,751	289	152	1,252	1,978	889	312	295	1,644	-12	7	80	14
Swiss franc	1,479	1,855	558	460	470	101	432	1,093	159	22	270	1,065	0	0	4	6
Other currencies	973	3,577	381	2,241	8	73	225	1,263	51	249	148	788	0	2	27	224
Unallocated	2,299	2,891	1,133	1,620	188	92	436	790	350	703	8	56	1	0	76	31
Of which:																
loans and deposits																
US dollar	37,639	49,603	32,426	40,932	678	1,908	4,234	6,045	3,641	1,613	168	1,251	2	2	423	3,179
Euro	186,277	173,427	121,990	140,903	11,161	7,749	52,175	23,507	42,347	13,171	4,445	9,632	5,006	166	377	537
Yen	178	735	127	484	10	143	28	98	0	62	14	9	0	0	14	27
Pound sterling	3,684	13,122	2,815	10,711	200	147	642	1,909	340	308	295	1,580	0	7	8	14
Swiss franc	867	1,569	321	374	123	98	421	1,089	148	19	268	1,064	0	0	4	6
Other currencies	481	3,498	256	2,163	0	72	222	1,262	48	249	148	787	0	2	27	224
Unallocated	874	2,149	492	1,339	139	37	241	756	202	688	5	38	1	0	34	30

Banks' cross-border positions on residents of Spain

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	448,885	230,000	237,494	71,187	293,323	244,103	51,860	45,764
By location of banking office								
Australia	574	422	16	16	468	271	152	150
Austria	11,218	4,769	8,741	2,994	1,833	1,115	791	338
Belgium	10,999	6,055	8,544	4,241	5,332	3,210	1,648	1,400
Brazil	9,290	4,974	1,250	...	5,560	5,449	19	2
Canada	\	77	\	\	138	138	84	84
Chile	2,387	388	...	...	2,284	297	11	11
Chinese Taipei	215	56	116	9	797	781	13	10
Denmark	2,001	1,267	1,600	1,222	1,709	1,464	454	451
Finland	630	40	296	39	603	312	83	83
France	132,419	86,997	38,987	11,719	84,129	66,828	5,906	5,906
Germany	67,525	\	\	\	14,475	\	\	\
Greece	1,134	27	1,035	1	16	\	13	\
Guernsey	76	13	18	13	57	57	57	57
Hong Kong SAR	1,734	1,533	144	127	9,166	8,892	759	749
Ireland	11,070	4,409	8,548	4,023	5,528	2,831	143	136
Isle of Man	23	23	23	23	220	220	220	220
Italy	46,984	11,455	36,347	3,419	22,900	21,378	723	602
Japan	35,797	\	32,224	\	289	\	129	\
Jersey	7	6	7	6	415	415	415	415
Korea	332	246	195	183	389	389	10	10
Luxembourg	11,268	6,066	9,012	4,348	5,196	5,171	3,060	3,058
Macao SAR	38	38	28	28	7	7	7	7
Mexico	895	872	323	300	1,084	1,084	137	137
Netherlands	16,367	8,262	8,561	3,363	\	\	7,267	7,267
Philippines	18	1	0	0	8	5	7	5
South Africa	26	25	22	22	37	34	10	10
Spain	...	...	...	...	...	...	...	...
Sweden	1,222	1,102	1,129	1,102	266	201	160	126
Switzerland	4,106	2,920	2,634	2,079	9,215	8,118	6,549	5,580
United Kingdom	46,969	33,997	30,321	18,624	40,459	40,459	9,651	9,651
United States	9,260	9,223	1,141	1,106	18,032	17,907	3,917	3,899

Banks' cross-border positions on residents of Sweden

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	370,358	219,835	270,997	173,806	20,819	14,106	74,585	23,034	43,232	13,454	2,310	4,349	10,339	260	18,704	4,971
By instrument																
Loans and deposits	239,585	191,837	187,824	158,809	10,267	11,849	41,034	21,035	31,457	13,057	2,272	4,267	361	245	6,944	3,466
Debt securities	98,350	6,297	64,422	260	6,029	6	20,491	113	8,489	...	9	0	9,947	...	2,046	...
Other instruments	32,134	21,627	18,462	14,736	3,486	2,248	6,178	1,808	3,273	394	29	15	9	14	2,867	1,384
Unallocated	289	74	290	1	1,037	3	6,881	79	13	4	0	66	21	0	6,847	9
By currency																
All instrument																
US dollar	102,084	38,304	86,373	28,765	3,843	3,845	11,435	4,594	3,876	2,813	60	521	5,670	21	1,829	1,238
Euro	125,504	81,921	93,580	65,221	7,262	4,660	22,595	8,117	15,637	4,191	1,131	1,443	1,801	195	4,027	2,287
Yen	2,088	1,063	1,857	477	5	361	184	26	6	5	2	1	1	0	175	20
Pound sterling	14,445	17,599	10,718	15,705	669	136	3,002	1,590	2,782	1,400	73	184	125	1	22	5
Swiss franc	958	1,337	550	261	18	58	349	916	85	571	217	343	45	0	3	2
Other currencies	55,686	57,213	41,443	50,166	824	2,967	13,413	3,819	11,356	1,912	611	1,657	1,420	31	26	218
Unallocated	69,593	22,397	36,477	13,211	8,198	2,078	23,607	3,973	9,491	2,561	217	199	1,277	11	12,623	1,201
Of which:																
loans and deposits																
US dollar	86,155	35,170	79,944	27,334	1,623	3,595	4,323	4,187	3,236	2,769	47	465	74	21	966	932
Euro	62,578	74,661	47,640	62,990	2,504	3,939	12,332	7,708	7,653	4,037	1,126	1,439	167	195	3,385	2,037
Yen	229	867	188	477	4	361	13	25	6	5	2	1	0	0	5	19
Pound sterling	12,772	17,475	9,864	15,696	73	136	2,827	1,588	2,740	1,400	73	183	1	1	14	4
Swiss franc	315	1,158	67	187	2	57	244	912	29	570	213	341	0	0	1	1
Other currencies	45,390	53,979	33,144	47,753	639	2,586	11,608	3,638	10,887	1,746	601	1,648	93	29	26	216
Unallocated	32,145	8,528	16,977	4,372	5,422	1,174	9,688	2,977	6,905	2,531	209	190	26	-1	2,548	258

Banks' cross-border positions on residents of Sweden

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	370,358	239,585	95,830	51,623	219,835	191,837	37,280	33,021
By location of banking office								
Australia	111	24	22	20	315	276	185	180
Austria	2,151	873	983	727	201	85	76	69
Belgium	2,813	1,317	1,530	1,057	780	717	608	567
Brazil	10	10	...	...	...	...	...	...
Canada	3,608	\	1,651	\	165	165	\	\
Chile	1	1	...	...	1	1	0	0
Chinese Taipei	768	29	48	6	72	53	71	52
Denmark	58,458	46,846	10,382	9,632	41,255	33,060	2,181	1,977
Finland	64,716	42,858	10,251	4,286	58,029	49,398	4,428	2,177
France	21,217	2,142	9,077	1,438	8,977	4,365	2,159	2,159
Germany	38,754	\	\	\	12,614	\	\	\
Greece	38	9	5	5	22	22	22	22
Guernsey	211	1	110	1	10	10	10	10
Hong Kong SAR	3,052	1,878	2,355	1,630	979	932	619	610
Ireland	3,403	1,341	1,524	1,307	1,217	204	1,022	182
Isle of Man	14	1	1	1	27	27	27	27
Italy	868	230	370	200	106	103	78	77
Japan	13,249	\	7,916	...	114	\	39	\
Jersey	188	76	170	66	86	84	86	84
Korea	365	216	264	169	45	45	44	44
Luxembourg	11,808	9,727	1,985	1,744	6,536	6,507	4,544	4,539
Macao SAR	25	0	...	...	0	0	0	0
Mexico	1	1	...	...	0	0	...	...
Netherlands	6,448	3,432	3,997	3,155	7,931	7,422	2,426	2,426
Philippines	93	93	0	0	9	6	7	5
South Africa	634	634	80	80	18	15	6	6
Spain	1,044	671	489	374	810	482	314	314
Sweden	...	...	...	...	...	...	...	...
Switzerland	3,827	1,224	1,898	695	1,573	1,342	1,309	1,229
United Kingdom	40,112	28,272	21,131	11,761	26,397	26,397	11,212	11,212
United States	58,256	58,063	1,325	1,257	9,947	9,745	1,195	1,193

Banks' cross-border positions on residents of Switzerland

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	608,206	687,569	424,524	493,150	28,048	34,014	148,052	117,630	102,351	63,315	19,562	36,419	5,838	2,665	20,301	15,231
By instrument																
Loans and deposits	526,522	621,746	381,335	469,198	18,781	30,502	120,286	114,656	93,228	62,549	19,525	36,371	3,593	2,665	3,940	13,070
Debt securities	48,419	51,831	25,696	15,737	1,743	2,393	3,491	1,885	1,278	70	7	7	2,165	...	41	...
Other instruments	33,265	13,992	17,495	8,215	3,616	1,118	8,080	755	7,844	696	30	41	78	0	128	18
Unallocated	1	-1	-1	0	3,908	1	16,195	334	1	0	0	0	2	...	16,192	...
By currency																
All instrument																
US dollar	247,604	378,442	179,341	292,813	9,768	16,048	54,610	58,277	50,108	29,761	469	13,593	32	1,842	4,000	13,080
Euro	96,743	167,749	48,766	96,813	6,539	8,819	40,049	41,282	30,187	23,555	9,031	16,719	42	397	788	612
Yen	7,052	11,440	4,664	8,563	1,374	282	504	1,158	383	268	16	15	0	0	105	875
Pound sterling	14,495	50,787	8,456	43,495	649	2,018	5,156	3,888	4,011	1,689	1,030	2,188	7	2	108	9
Swiss franc	218,410	41,195	166,439	23,596	9,014	5,127	42,324	6,378	13,200	4,725	8,256	1,094	5,743	326	15,124	233
Other currencies	5,894	17,034	3,496	12,046	127	1,215	2,269	3,233	1,467	1,080	738	1,655	0	97	63	400
Unallocated	18,008	20,922	13,363	15,824	577	505	3,142	3,414	2,996	2,237	21	1,155	13	1	112	21
Of which:																
loans and deposits																
US dollar	223,310	355,078	160,384	279,841	7,719	15,282	52,055	55,949	48,692	29,518	467	13,573	32	1,842	2,864	11,015
Euro	88,009	146,924	42,960	95,887	4,835	8,762	39,767	41,114	29,970	23,464	9,018	16,702	18	397	761	551
Yen	3,952	10,091	2,925	8,310	73	282	404	1,156	381	267	16	15	0	0	7	875
Pound sterling	12,621	49,455	7,807	43,140	613	2,017	4,055	3,881	3,003	1,683	1,030	2,187	1	2	20	9
Swiss franc	177,596	28,720	153,311	18,453	5,127	3,187	19,025	6,286	7,080	4,647	8,252	1,091	3,541	326	153	222
Other currencies	4,991	13,636	2,774	9,859	73	641	2,142	2,925	1,342	793	738	1,652	0	97	62	383
Unallocated	16,042	17,843	11,173	13,708	340	332	2,839	3,344	2,760	2,177	4	1,151	1	1	73	15

Banks' cross-border positions on residents of Switzerland

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	608,206	526,522	180,460	144,532	687,569	621,746	158,080	151,576
By location of banking office								
Australia	2,426	1,273	1,008	658	9,936	3,595	2,644	594
Austria	13,504	13,302	4,288	4,135	6,043	2,545	1,838	1,508
Belgium	13,010	12,597	3,218	2,931	13,217	12,910	1,423	1,206
Brazil	17	17	...	...	54	53	7	7
Canada	1,673	1,514	1,382	\	3,732	3,732	2,601	2,601
Chile	53	41	0	0	1,226	369	1	1
Chinese Taipei	3,006	1,545	182	37	1,631	945	85	48
Denmark	3,516	3,122	3,121	2,859	6,349	6,159	3,421	3,327
Finland	627	174	206	167	10,024	\	128	110
France	74,322	64,343	22,905	17,344	96,014	69,544	15,930	15,930
Germany	70,917	\	\	\	49,605	\	\	\
Greece	136	118	33	17	303	...	68	\
Guernsey	23,552	12,508	490	447	64,659	60,052	693	691
Hong Kong SAR	10,794	9,715	746	532	12,693	10,493	1,703	1,368
Ireland	3,517	3,426	2,205	2,164	4,998	5,069	588	563
Isle of Man	52	52	52	52	161	160	161	160
Italy	5,801	4,712	2,766	2,285	3,877	3,647	1,603	1,515
Japan	25,854	\	20,101	\	4,539	\	1,079	\
Jersey	4,494	4,092	715	711	33,582	32,577	795	776
Korea	411	328	280	227	1,666	361	108	108
Luxembourg	47,882	45,558	4,928	4,720	51,589	51,036	7,875	7,804
Macao SAR	9	6	...	...	152	130	7	7
Mexico	133	133	1	1	34	34	0	0
Netherlands	31,480	29,719	15,910	15,545	36,598	36,154	30,044	30,044
Philippines	359	311	11	0	45	45	19	19
South Africa	259	126	97	90	224	114	58	57
Spain	8,768	5,845	5,685	3,350	4,655	3,609	1,888	1,888
Sweden	2,313	1,587	1,363	1,135	2,913	2,475	1,306	1,127
Switzerland	...	...	...	...	...	...	...	...
United Kingdom	185,058	178,203	32,412	29,393	166,899	166,770	36,290	36,290
United States	17,437	17,413	6,818	6,795	38,582	38,424	10,344	10,263

Banks' cross-border positions on residents of Thailand

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	77,341	51,480	53,715	22,010	3,641	8,695	11,376	20,268	3,726	1,019	892	5,228	104	1,219	6,652	12,802
By instrument																
Loans and deposits	51,293	46,149	35,192	18,181	994	8,429	6,002	19,232	2,196	986	867	4,437	0	1,217	2,939	12,591
Debt securities	15,470	843	10,660	330	10	236	574	112	363	0	3	1	96	...	112	...
Other instruments	10,576	3,695	7,862	3,495	877	29	1,431	113	1,168	32	22	2	7	1	235	78
Unallocated	1	793	2	4	1,760	1	3,368	811	0	0	0	788	1	0	3,367	22
By currency																
All instrument																
US dollar	45,201	29,568	32,209	14,596	1,737	3,512	5,648	11,286	1,975	357	165	1,789	8	1,081	3,500	8,059
Euro	3,535	6,537	2,198	638	46	3,072	553	2,678	190	44	251	1,113	0	21	111	1,500
Yen	3,937	2,103	1,586	1,760	665	3	526	335	7	2	21	27	...	0	...	306
Pound sterling	546	1,852	205	1,021	6	17	150	650	4	36	117	487	...	26	...	101
Swiss franc	311	616	62	25	19	2	177	586	0	9	164	553	...	0	...	24
Other currencies	1,103	8,369	510	2,054	23	1,979	569	4,338	187	446	171	1,182	...	90	...	2,620
Unallocated	22,708	2,434	16,946	1,915	1,144	109	3,753	394	1,363	124	3	77	89	1	2,298	192
Of which:																
loans and deposits																
US dollar	34,106	27,538	23,504	13,551	761	3,504	4,486	10,359	1,949	348	143	1,079	0	1,079	2,395	7,853
Euro	3,368	6,361	2,169	601	46	3,072	552	2,673	190	44	250	1,107	0	21	111	1,500
Yen	2,833	2,094	1,339	1,756	4	3	89	335	7	2	21	27	...	0	...	306
Pound sterling	512	1,762	202	1,011	6	17	149	586	4	36	117	423	...	26	...	101
Swiss franc	277	612	58	23	0	2	176	585	0	9	163	553	...	0	...	24
Other currencies	669	6,405	280	271	0	1,808	387	4,317	13	428	171	1,182	...	90	...	2,617
Unallocated	9,528	1,377	7,640	968	177	23	164	377	32	119	2	66	...	1	...	191

Banks' cross-border positions on residents of Thailand

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	77,341	51,293	22,010	16,055	51,480	46,149	29,259	27,956
By location of banking office								
Australia	382	176	163	117	749	565	527	496
Austria	15	15	10	10	41	38	39	38
Belgium	144	142	17	15	211	211	121	121
Brazil	...	...	...	...	2	2	...	...
Canada	31	31	8	8	82	82	75	75
Chile	...	...	...	...	1	1	0	0
Chinese Taipei	1,606	577	1,327	432	1,158	1,035	228	226
Denmark	32	25	27	19	69	69	63	63
Finland	4	4	3	3	10	10	10	10
France	735	336	357	156	906	718	358	358
Germany	718	\	\	\	1,116	\	\	\
Greece	...	...	...	...	...	...	...	...
Guernsey	4	4	4	4	50	50	50	50
Hong Kong SAR	16,170	11,481	2,157	1,806	19,044	17,959	12,592	12,568
Ireland	18	18	1	1	9	6	3	3
Isle of Man	6	6	6	6	201	200	201	200
Italy	25	25	4	4	42	42	41	41
Japan	26,308	\	5,126	\	2,825	\	307	\
Jersey	22	20	21	20	293	293	293	293
Korea	292	269	140	140	768	433	489	424
Luxembourg	416	415	33	32	164	175	157	157
Macao SAR	115	105	69	69	6,407	6,407	6,367	6,367
Mexico	...	...	...	...	0	0	...	...
Netherlands	\	34	18	18	409	395	126	126
Philippines	782	593	550	527	35	33	8	7
South Africa	7	7	...	...	7	7	7	7
Spain	48	48	43	43	23	23	23	23
Sweden	174	115	108	107	552	515	40	24
Switzerland	648	569	529	471	2,290	1,492	1,895	1,105
United Kingdom	2,980	1,586	1,938	862	2,568	2,568	709	709
United States	1,610	1,609	167	167	4,088	4,085	523	520

Banks' cross-border positions on residents of Turkey

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Total		Non-financial corporations		Households		General government		Unallocated non-financial	
							Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	156,437	54,617	69,904	31,534	10,895	2,210	56,153	18,179	40,120	6,911	2,214	10,241	6,092	83	7,727	944
By instrument																
Loans and deposits	131,278	48,545	56,151	29,940	8,047	1,841	47,988	14,260	39,210	6,495	2,135	6,781	2,511	81	4,132	903
Debt securities	9,236	44	2,124	3	220	2	3,746	37	159	2	...	0	3,581	...	...	...
Other instruments	15,901	1,934	11,606	1,359	2,487	297	831	87	751	79	78	7	1	1	1	0
Unallocated	23	4,094	23	232	140	70	3,588	3,794	0	335	1	3,453	-1	1	3,588	5
By currency																
All instrument																
US dollar	68,350	30,516	33,306	17,147	1,864	1,248	22,327	11,004	15,725	4,084	1,004	6,109	2,383	6	3,214	805
Euro	58,821	14,698	20,519	9,685	4,837	207	25,770	4,006	20,941	1,704	690	2,210	3,046	73	1,093	19
Yen	3,334	151	96	70	0	0	3,137	70	150	39	5	18	0	0	2,981	13
Pound sterling	947	2,035	448	1,384	10	7	436	612	110	120	324	491	0	0	1	1
Swiss franc	855	1,753	47	168	23	3	626	1,570	484	359	129	1,211	12	0	1	-1
Other currencies	815	770	60	273	404	301	351	193	267	50	45	113	0	5	39	25
Unallocated	23,316	4,694	15,427	2,806	3,756	444	3,508	723	2,443	554	16	88	651	0	398	81
Of which:																
loans and deposits																
US dollar	63,119	26,553	31,318	16,886	1,554	1,224	19,487	7,448	15,413	3,740	954	2,936	98	4	3,022	769
Euro	57,101	13,272	19,842	8,502	4,705	201	24,947	3,839	20,789	1,694	689	2,055	2,398	72	1,070	18
Yen	588	148	87	70	0	0	157	67	150	36	5	18	0	0	2	13
Pound sterling	937	1,949	448	1,384	10	7	435	526	110	119	324	405	0	0	1	1
Swiss franc	789	1,743	17	166	18	2	597	1,563	479	357	105	1,207	12	0	1	-1
Other currencies	382	325	55	127	7	9	320	188	237	45	44	113	0	5	39	25
Unallocated	8,361	4,554	4,385	2,804	1,753	398	2,044	629	2,031	504	13	48	3	0	-3	78

Banks' cross-border positions on residents of Turkey

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	156,437	131,278	85,771	75,062	54,617	48,545	22,890	18,602
By location of banking office								
Australia	8	8	6	6	27	27	18	18
Austria	5,944	5,684	5,337	5,181	1,206	1,204	1,026	1,026
Belgium	4,462	3,576	2,149	1,818	494	477	120	110
Brazil	...	...	...	...	2	2	...	...
Canada	343	343	37	37	181	181	69	69
Chile	14	14	...	...	2	2	0	0
Chinese Taipei	472	282	152	71	14	2	2	2
Denmark	782	741	699	658	441	435	213	\
Finland	32	32	2	2	\	\	5	4
France	11,195	9,472	6,019	5,258	492	492	297	297
Germany	21,515	\	\	\	4,869	\	\	\
Greece	44	4	42	2	96	...	55	\
Guernsey	39	27	27	27	19	19	19	19
Hong Kong SAR	594	510	153	151	325	309	302	297
Ireland	1,693	1,692	543	542	12	12	3	3
Isle of Man	0	0	0	0	26	26	26	26
Italy	9,153	6,568	5,822	3,631	317	254	105	50
Japan	4,309	\	3,728	\	84	\	16	\
Jersey	499	486	431	420	67	65	66	65
Korea	2,038	2,038	1,458	1,458	0	0	0	0
Luxembourg	1,098	1,094	427	427	138	137	131	131
Macao SAR	400	400	...	...	1	1	1	1
Mexico	16	...	16	...	...	...	...	...
Netherlands	9,406	7,576	3,165	2,934	3,475	2,250	1,584	1,584
Philippines	58	0	...	...	1	1	1	1
South Africa	27	27	7	7	45	45	14	14
Spain	7,378	1,505	1,240	1,216	250	156	130	130
Sweden	851	848	769	769	95	90	10	6
Switzerland	4,282	3,984	3,346	3,190	8,353	4,247	7,529	3,658
United Kingdom	27,734	24,773	10,936	8,018	10,762	10,762	5,012	5,012
United States	1,270	1,265	622	617	5,573	5,570	694	691

Banks' cross-border positions on residents of United Kingdom

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	3,861,891	4,230,076	2,252,340	2,590,167	991,614	927,942	363,332	272,590	193,628	117,885	36,462	80,933	18,298	5,888	114,943	67,884
By instrument																
Loans and deposits	2,744,209	3,215,906	1,737,800	2,218,099	720,519	711,652	229,477	214,522	127,506	72,343	36,076	71,383	8,469	5,872	57,427	64,923
Debt securities	379,678	320,305	210,216	137,328	41,566	50,456	28,535	1,076	16,395	25	14	5	9,679	...	2,447	...
Other instruments	714,186	682,968	280,959	234,357	168,162	109,292	51,897	45,360	49,643	45,132	213	145	136	12	1,906	71
Unallocated	23,818	10,897	23,365	384	61,367	56,542	53,424	11,633	84	386	160	9,399	15	4	53,164	1,843
By currency																
All instrument																
US dollar	1,400,418	1,538,035	841,464	989,604	425,795	386,098	103,669	95,370	51,150	24,753	3,042	20,751	468	1,156	49,009	48,710
Euro	1,353,621	1,739,831	815,731	1,026,261	299,147	349,139	53,463	59,420	32,124	26,544	16,384	25,671	532	924	4,422	6,280
Yen	128,200	194,723	95,156	166,098	28,397	17,753	2,735	6,171	44	551	77	300	0	3,432	2,615	1,888
Pound sterling	640,130	329,917	310,604	162,908	137,539	68,086	163,413	53,313	79,302	28,114	10,028	18,133	17,181	249	56,902	6,817
Swiss franc	54,351	93,915	41,193	83,608	6,595	3,652	4,810	3,965	787	461	4,006	3,381	2	14	15	109
Other currencies	160,453	220,065	69,583	93,952	58,335	66,816	32,356	50,513	28,848	35,089	2,796	12,075	106	22	606	3,328
Unallocated	124,718	113,590	78,609	67,736	35,807	36,399	2,885	3,837	1,373	2,373	130	622	8	91	1,374	752
Of which:																
loans and deposits																
US dollar	1,160,587	1,304,114	691,303	879,304	366,038	322,216	90,239	82,229	43,153	20,148	2,855	14,271	17	1,156	44,214	46,654
Euro	923,168	1,276,749	629,337	905,112	235,541	293,613	38,230	54,936	18,657	22,652	16,334	25,376	501	920	2,737	5,987
Yen	65,008	176,175	55,365	158,525	6,168	10,855	279	6,154	39	536	70	299	...	3,432	...	1,887
Pound sterling	446,048	261,376	252,592	136,865	92,092	61,611	89,234	44,158	62,332	21,547	10,006	15,566	7,902	242	8,994	6,803
Swiss franc	18,248	70,176	12,562	62,611	1,272	3,112	4,165	3,912	214	420	3,935	3,369	1	14	15	109
Other currencies	56,064	80,703	37,387	39,538	13,579	14,395	5,096	19,508	1,994	4,728	2,786	12,006	...	17	...	2,757
Unallocated	75,086	46,612	59,254	36,144	5,829	5,851	2,234	3,626	1,117	2,313	89	497	4	91	1,024	726

Banks' cross-border positions on residents of United Kingdom

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	3,861,891	2,744,209	1,382,779	986,108	4,230,076	3,215,906	1,230,904	955,303
By location of banking office								
Australia	162,772	43,819	94,176	13,890	282,136	35,138	117,615	7,905
Austria	25,212	14,520	16,230	9,604	24,392	7,321	10,512	4,684
Belgium	60,710	47,623	24,129	16,904	45,235	23,019	9,804	7,651
Brazil	4,676	4,228	10	10	6,716	6,402	4	4
Canada	73,751	72,497	22,686	21,989	101,346	100,582	16,372	16,372
Chile	2,334	331	21	18	5,509	775	1,208	6
Chinese Taipei	17,891	3,842	3,618	553	16,887	7,375	4,091	1,731
Denmark	29,429	15,215	12,180	6,790	30,465	15,910	12,826	6,802
Finland	27,551	\	5,720	1,862	32,188	7,389	2,150	1,029
France	612,491	511,221	263,151	235,864	793,917	726,887	261,013	261,013
Germany	374,473	\	\	\	329,205	\	\	\
Greece	14,805	7,527	7,574	390	14,723	\	2,109	\
Guernsey	71,325	58,521	7,627	4,747	10,493	10,392	7,396	7,390
Hong Kong SAR	124,363	46,290	53,228	8,725	138,105	35,362	68,712	10,903
Ireland	96,231	72,826	39,185	31,402	115,553	71,609	16,936	14,022
Isle of Man	18,775	17,158	2,855	1,865	10,267	10,215	9,443	9,438
Italy	70,782	39,817	26,030	9,201	89,035	39,617	30,397	4,309
Japan	286,581	\	114,332	\	419,429	\	75,340	\
Jersey	116,999	106,702	18,178	12,802	30,095	29,139	20,314	20,273
Korea	5,516	3,312	1,731	1,625	29,971	3,894	13,347	1,094
Luxembourg	61,534	43,922	13,310	11,596	28,088	24,937	15,259	14,790
Macao SAR	2,128	931	428	11	2,949	352	8	8
Mexico	919	842	285	285	241	241	1	1
Netherlands	337,541	176,811	59,103	55,417	288,186	117,516	36,813	36,813
Philippines	1,483	1,170	508	482	3,426	2,270	501	453
South Africa	18,453	11,308	5,691	3,576	16,121	8,425	2,129	1,057
Spain	128,500	59,142	38,411	12,606	90,570	33,118	9,138	9,138
Sweden	47,016	19,548	15,760	5,122	43,712	22,911	15,139	5,632
Switzerland	156,201	88,594	22,890	14,538	194,452	158,628	28,906	17,903
United Kingdom	...	...	...	...	...	...	...	...
United States	700,106	699,255	406,955	406,298	699,164	697,226	350,159	349,301

Banks' cross-border positions on residents of United States

Amounts outstanding, in millions of US dollars

Table A6

	All sectors		Bank sector		Non-bank financial		Non-financial sector									
							Total		Non-financial corporations		Households		General government		Unallocated non-financial	
	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities	Claims	Liabilities
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	5,061,610	3,636,108	1,908,136	1,773,449	1,491,405	1,165,837	1,576,129	323,986	415,704	226,677	16,819	52,020	338,282	6,323	805,325	38,965
By instrument																
Loans and deposits	2,923,079	3,105,650	1,609,494	1,575,246	982,455	1,083,703	277,723	289,155	229,260	204,867	16,101	49,637	15,380	4,657	16,982	29,995
Debt securities	1,583,389	324,419	140,134	116,479	95,000	55,430	501,057	1,940	76,659	351	77	3	320,935	217	103,385	1,369
Other instruments	554,484	204,260	158,152	81,707	175,944	23,156	113,583	24,096	109,584	21,391	556	1,207	1,917	1,449	1,526	48
Unallocated	658	1,779	357	17	238,005	3,548	683,767	8,794	200	69	85	1,173	49	0	683,433	7,553
By currency																
All instrument																
US dollar	4,361,509	2,752,246	1,629,768	1,424,223	1,204,240	896,885	1,472,266	205,981	342,398	165,671	3,110	9,405	335,223	5,788	791,536	25,116
Euro	354,295	398,008	141,397	123,316	149,541	138,906	48,596	34,772	39,141	21,221	4,852	11,614	429	263	4,175	1,673
Yen	78,176	96,705	48,920	69,851	17,391	17,251	6,576	4,775	137	786	20	761	0	17	6,419	3,212
Pound sterling	82,440	110,982	14,336	29,784	60,488	64,643	5,606	9,833	3,771	5,056	1,722	4,674	9	54	104	49
Swiss franc	20,384	11,857	4,930	6,388	11,771	2,815	3,362	2,649	2,298	1,315	1,060	1,325	0	1	5	8
Other currencies	93,721	196,235	27,049	81,950	32,097	28,019	34,476	60,294	23,862	28,379	5,997	23,980	2,503	198	2,114	7,738
Unallocated	71,086	70,074	41,735	37,938	15,877	17,319	5,247	5,682	4,097	4,250	59	261	118	2	973	1,170
Of which:																
loans and deposits																
US dollar	2,413,366	2,423,310	1,381,665	1,279,178	762,007	836,187	223,320	185,091	191,736	156,676	2,467	7,431	14,588	4,261	14,529	16,722
Euro	256,843	288,415	119,845	112,816	115,338	136,583	18,341	34,718	12,965	21,175	4,848	11,612	345	263	183	1,668
Yen	46,208	89,923	38,214	67,432	5,829	16,819	122	4,764	69	779	20	761	0	17	33	3,207
Pound sterling	75,699	104,686	13,237	28,020	57,567	64,372	4,499	9,772	2,775	5,045	1,722	4,624	1	54	0	49
Swiss franc	4,571	8,414	2,254	3,160	1,094	2,576	1,133	2,563	78	1,232	1,054	1,322	0	1	1	8
Other currencies	75,069	134,051	19,226	49,564	27,790	11,823	27,965	46,724	19,462	15,806	5,985	23,685	445	58	2,073	7,174
Unallocated	51,323	56,853	35,052	35,077	12,832	15,343	2,343	5,524	2,175	4,154	5	201	1	2	163	1,167

Banks' cross-border positions on residents of United States

Cross-border positions by location of banking office, in millions of US dollars

Table A6

	Claims				Liabilities			
	All sectors		Of which: non-banks		All sectors		Of which: non-banks	
	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits	All instruments	Of which: loans and deposits
	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Cross-border positions	5,061,610	2,923,079	3,097,288	1,308,974	3,636,108	3,105,650	1,508,227	1,389,360
By location of banking office								
Australia	53,009	24,465	24,533	7,909	186,144	63,447	65,723	23,242
Austria	6,366	3,738	5,442	2,964	10,515	2,243	824	814
Belgium	22,157	13,883	9,342	2,983	13,817	10,238	1,921	1,669
Brazil	13,712	9,071	1,689	142	53,140	47,813	336	325
Canada	444,612	326,954	267,104	153,677	390,022	390,022	122,463	122,463
Chile	6,566	3,075	65	55	19,350	9,737	640	197
Chinese Taipei	55,259	12,605	36,735	1,559	8,962	5,626	4,271	2,749
Denmark	8,581	2,997	5,471	787	8,431	7,083	5,857	\
Finland	\	\	4,152	364	44,562	\	155	147
France	377,620	242,590	197,376	104,341	491,839	377,390	225,514	225,514
Germany	267,074	\	\	\	103,052	\	\	\
Greece	564	318	386	140	2,256	...	421	\
Guernsey	2,481	349	2,295	259	1,185	753	1,182	751
Hong Kong SAR	157,251	60,136	93,166	7,468	77,475	60,596	21,647	11,056
Ireland	32,256	28,773	9,472	7,556	51,780	38,786	10,321	10,268
Isle of Man	1,013	292	776	110	1,125	1,125	1,113	1,113
Italy	47,503	17,231	31,353	2,749	10,838	5,765	2,412	1,240
Japan	1,163,782	\	921,468	\	402,979	\	84,264	\
Jersey	4,970	2,487	2,611	412	2,170	2,140	1,472	1,466
Korea	35,547	20,907	16,617	11,077	46,940	8,447	2,650	1,596
Luxembourg	50,025	35,176	23,230	10,846	7,224	7,123	2,884	2,876
Macao SAR	1,960	1,470	1,269	961	1,071	1,070	861	861
Mexico	13,405	8,922	6,091	2,103	18,532	5,826	1,984	540
Netherlands	124,984	96,865	\	\	81,685	74,991	\	\
Philippines	9,555	4,384	3,904	854	4,252	2,621	593	414
South Africa	2,299	1,727	830	487	3,050	1,743	510	441
Spain	66,808	22,851	41,937	8,526	24,311	12,754	2,606	2,606
Sweden	22,153	14,576	12,668	7,425	60,202	59,021	3,179	2,847
Switzerland	122,910	54,057	94,682	29,382	20,038	14,878	6,435	3,796
United Kingdom	1,153,323	934,356	806,317	596,657	973,261	973,252	617,837	617,837
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.

Banks' nationality: Canada

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	-43,931	106,535	1,302,766	-45,785	74,675	1,000,578
By sector of counterparty						
Banks	-42,150	47,021	696,507	-30,160	33,395	505,634
Of which: intragroup	-20,009	34,190	546,335	-25,587	23,380	352,466
Non-banks	32	58,290	604,441	-22,479	22,553	283,703
Of which: non-bank financial	9,476	55,745	358,456	-9,431	22,401	162,685
Of which: non-financial	-5,224	-6,073	223,815	-12,477	149	114,336
Unallocated	-1,813	1,224	1,818	6,854	18,728	211,241
By currency						
Of which: US dollar	-41,398	76,488	880,802	-56,501	49,386	640,054
Of which: euro	-8,994	8,502	77,791	-6,608	8,565	89,410
Of which: yen	-3,604	2,183	19,554	2,212	404	5,791
By instrument						
Of which: debt securities	.	.	.	-848	839	10,045
Local positions in foreign currencies	-3,056	-5,908	149,938	-7,514	23,782	375,536
By sector of counterparty						
Banks	208	-5,375	34,959	-10,369	4,187	27,089
Non-banks	2,993	-1,093	109,234	4,806	3,507	153,811
Of which: non-bank financial	6,080	-6,356	29,971	-1,178	1,874	36,956
Of which: non-financial	-3,128	4,396	68,805	5,776	2,377	107,107
Unallocated	-6,256	560	5,746	-1,951	16,089	194,637
By currency						
Of which: US dollar	13,626	-8,365	115,239	6,173	13,944	279,995
Of which: euro	-12,837	-2,182	15,852	-10,085	5,358	52,738
Of which: yen	-627	-360	899	-112	-34	1,720
By instrument						
Of which: debt securities	.	.	.	-5	429	2,125
Local positions in local currencies	26,694	49,665	2,197,906	24,332	19,294	1,569,818
Of which: parent country	28,567	32,424	2,036,886	22,469	16,184	1,455,944

Banks' nationality: Netherlands

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	41,005	58,032	1,485,422	38,871	29,165	1,138,033
By sector of counterparty						
Banks	5,554	31,362	752,162	8,360	4,504	605,031
Of which: intragroup	-20,895	12,718	566,873	-11,706	6,766	463,732
Non-banks	12,887	-1,896	551,386	7,419	-8,264	325,642
Of which: non-bank financial	6,133	-3,347	188,985	8,594	-14,107	98,541
Of which: non-financial	5,630	1,334	345,537	-1,457	5,990	221,880
Unallocated	22,564	28,567	181,873	23,092	32,925	207,360
By currency						
Of which: US dollar	-3,518	291	463,324	3,965	-1,909	326,189
Of which: euro	47,239	35,410	791,018	38,057	21,852	630,593
Of which: yen	994	4,994	12,047	-400	828	9,793
By instrument						
Of which: debt securities	.	.	.	1,041	37	4,443
Local positions in foreign currencies	2,566	3,527	91,212	5,083	-4,155	78,612
By sector of counterparty						
Banks	2,451	450	14,302	2,567	-1,872	7,578
Non-banks	3,778	-1,099	72,805	3,724	-465	69,641
Of which: non-bank financial	716	42	21,796	2,513	2,270	36,280
Of which: non-financial	3,099	-1,121	38,548	552	-2,131	31,085
Unallocated	-3,664	4,176	4,104	-1,208	-1,818	1,393
By currency						
Of which: US dollar	1,988	3,719	51,162	3,969	-2,629	55,758
Of which: euro	1,336	-353	10,282	-753	477	4,811
Of which: yen	206	-249	623	405	191	3,139
By instrument						
Of which: debt securities	.	.	.	-35	-594	268
Local positions in local currencies	48,632	-28,661	1,949,472	23,837	22,939	1,600,204
Of which: parent country	48,897	-35,233	1,484,131	21,050	17,774	1,058,537

Banks' nationality: France

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	179,418	167,708	3,522,772	189,926	122,450	3,638,699
By sector of counterparty						
Banks	61,539	43,797	1,950,576	84,739	40,337	1,659,132
Of which: intragroup	17,696	38,591	1,389,254	20,471	15,590	1,065,104
Non-banks	117,992	133,770	1,500,241	51,843	57,097	1,048,716
Of which: non-bank financial	68,325	84,317	772,766	53,575	40,910	726,390
Of which: non-financial	49,875	49,542	696,140	-2,502	17,290	299,445
Unallocated	-113	-9,860	71,956	53,344	25,017	930,852
By currency						
Of which: US dollar	88,695	66,911	1,142,291	120,008	46,096	1,253,634
Of which: euro	42,748	63,938	1,733,126	62,477	39,186	1,867,292
Of which: yen	18,103	27,896	208,316	-3,460	16,898	131,238
By instrument						
Of which: debt securities	.	.	.	34,372	23,251	805,278
Local positions in foreign currencies	8,542	2,101	273,667	12,906	10,798	322,002
By sector of counterparty						
Banks	10,741	-96	119,977	8,105	2,591	150,711
Non-banks	-8,590	11,875	149,968	4,830	9,094	168,320
Of which: non-bank financial	-6,402	7,940	58,293	281	4,904	85,465
Of which: non-financial	-2,655	3,959	78,763	2,133	5,218	69,046
Unallocated	6,391	-9,677	3,722	-29	-887	2,971
By currency						
Of which: US dollar	6,125	-6,118	151,845	6,769	6,510	194,135
Of which: euro	7	-843	11,549	-535	1,785	17,534
Of which: yen	-891	1,311	5,812	7,576	-3,057	22,594
By instrument						
Of which: debt securities	.	.	.	-354	902	14,772
Local positions in local currencies	161,293	50,297	6,422,413	144,067	66,331	5,968,624
Of which: parent country	124,702	40,731	5,476,496	125,548	49,228	5,090,290

Banks' nationality: Germany

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	103,902	57,701	2,608,910	114,797	65,636	2,374,713
By sector of counterparty						
Banks	81,953	32,488	1,464,839	55,462	43,552	1,209,345
Of which: intragroup	34,822	21,008	828,075	4,647	18,748	779,147
Non-banks	21,228	24,668	1,140,456	27,119	12,683	437,998
Of which: non-bank financial	16,719	2,957	435,427	29,751	8,704	280,365
Of which: non-financial	4,418	17,895	669,644	-1,625	2,863	142,956
Unallocated	721	545	3,615	32,216	9,401	727,370
By currency						
Of which: US dollar	10,681	11,757	808,848	11,667	24,816	939,728
Of which: euro	77,223	39,443	1,455,262	92,177	29,062	1,088,050
Of which: yen	-3,552	-5,490	40,644	-8,607	-814	38,878
By instrument						
Of which: debt securities	.	.	.	30,637	9,447	721,908
Local positions in foreign currencies	18,410	403	188,465	16,813	-1,447	202,714
By sector of counterparty						
Banks	7,586	-5,553	80,787	3,757	-4,266	55,431
Non-banks	10,816	6,076	107,312	11,575	3,913	120,202
Of which: non-bank financial	9,651	6,343	67,503	10,663	5,206	65,997
Of which: non-financial	631	-444	30,720	270	-395	48,211
Unallocated	8	-121	367	1,481	-1,094	27,081
By currency						
Of which: US dollar	9,045	-4,997	84,506	6,582	-2,228	108,442
Of which: euro	5,486	5,709	47,572	7,020	1,998	37,891
Of which: yen	-345	-339	4,178	-42	75	4,623
By instrument						
Of which: debt securities	.	.	.	803	-341	26,969
Local positions in local currencies	123,663	13,131	5,446,412	59,972	42,426	5,212,304
Of which: parent country	115,714	20,857	5,237,253	54,847	46,274	5,070,131

Banks' nationality: Japan

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	222,509	-124,527	4,762,392	-10,351	-92,615	2,103,126
By sector of counterparty						
Banks	-29,491	-56,181	1,690,764	8,755	-77,491	1,654,464
Of which: intragroup	-61,007	-51,429	1,085,702	-46,845	-54,523	908,611
Non-banks	252,370	-68,807	3,070,382	-19,202	-14,829	430,018
Of which: non-bank financial	37,043	34,028	1,237,455	-22,580	-12,863	278,177
Of which: non-financial	209,557	-101,046	1,784,322	-158	863	139,254
Unallocated	-370	461	1,246	96	-295	18,643
By currency						
Of which: US dollar	69,829	-110,935	2,446,558	-51,414	-78,492	1,285,290
Of which: euro	94,255	2,319	667,983	30,269	1,284	278,548
Of which: yen	16,781	383	1,041,533	11,632	-2,600	285,530
By instrument						
Of which: debt securities	.	.	.	2,933	-3,223	33,538
Local positions in foreign currencies	-37,776	13,091	673,132	-29,193	25,232	971,675
By sector of counterparty						
Banks	-18,349	-5,520	318,544	-15,961	2,447	468,544
Non-banks	-17,643	17,907	343,951	-18,931	26,220	463,243
Of which: non-bank financial	-2,089	46	77,240	-4,260	11,453	154,738
Of which: non-financial	-13,318	12,926	239,982	-17,146	13,295	278,016
Unallocated	-1,784	705	10,637	5,700	-3,435	39,888
By currency						
Of which: US dollar	-22,364	6,631	528,993	-27,940	12,437	739,148
Of which: euro	-11,802	5,726	49,175	765	8,990	143,398
Of which: yen	206	-190	6,063	-656	796	8,380
By instrument						
Of which: debt securities	.	.	.	-960	-642	2,850
Local positions in local currencies	260,425	174,415	20,945,374	395,531	94,612	22,378,471
Of which: parent country	260,392	169,056	20,623,537	394,570	95,985	22,228,764

Banks' nationality: Spain

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	45,942	-3,603	798,824	12,299	11,973	637,713
By sector of counterparty						
Banks	28,715	-132	309,015	20,525	11,084	365,659
Of which: intragroup	2,578	-3,038	161,622	7,909	9,703	134,087
Non-banks	9,901	-2,448	365,119	-10,354	1,300	123,357
Of which: non-bank financial	46	-3,571	155,077	-7,275	1,454	53,019
Of which: non-financial	2,646	-557	197,732	-2,566	-513	64,326
Unallocated	7,326	-1,023	124,690	2,128	-411	148,697
By currency						
Of which: US dollar	5,586	33	237,114	182	10,114	207,937
Of which: euro	39,827	-2,855	402,691	11,274	-674	361,579
Of which: yen	-987	624	8,247	1,212	-1,411	1,280
By instrument						
Of which: debt securities	.	.	.	3,544	638	67,115
Local positions in foreign currencies	2,124	57,629	134,905	-144	6,119	128,160
By sector of counterparty						
Banks	3,309	2,670	16,611	-3,538	4,609	19,921
Non-banks	-1,423	54,751	112,519	3,645	1,160	70,975
Of which: non-bank financial	-1,670	-251	5,210	1,327	86	17,353
Of which: non-financial	-548	645	29,695	2,351	-519	34,304
Unallocated	238	208	5,774	-250	350	37,265
By currency						
Of which: US dollar	3,561	7,779	60,350	-1,363	6,087	102,392
Of which: euro	-524	-278	15,870	1,220	-5	11,073
Of which: yen	-131	-53	3,431	390	-196	2,878
By instrument						
Of which: debt securities	.	.	.	210	198	34,661
Local positions in local currencies	-11,320	114,798	2,931,844	67,116	-4,382	2,645,085
Of which: parent country	\	\	\	\	\	\

Banks' nationality: Sweden

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	42,264	-27,463	385,865	40,568	-39,414	315,550
By sector of counterparty						
Banks	35,988	-36,444	271,764	40,417	-41,550	261,356
Of which: intragroup	32,392	-35,165	222,816	32,287	-36,364	218,375
Non-banks	6,284	8,991	114,081	276	2,095	53,439
Of which: non-bank financial	4,513	3,738	34,878	782	84	21,805
Of which: non-financial	1,850	5,256	79,143	-345	2,012	31,632
Unallocated	-8	-10	20	-125	41	754
By currency						
Of which: US dollar	18,950	-21,421	127,298	16,314	-29,534	100,273
Of which: euro	10,498	-1,816	112,822	13,050	-8,832	90,902
Of which: yen	-669	185	1,459	-396	39	237
By instrument						
Of which: debt securities	.	.	.	-1	...	...
Local positions in foreign currencies	674	1,869	43,358	5,491	348	43,429
By sector of counterparty						
Banks	560	1,783	14,147	1,219	349	13,869
Non-banks	104	70	29,095	3,110	-29	29,457
Of which: non-bank financial	401	103	3,543	1,237	-248	9,381
Of which: non-financial	-415	-32	25,551	1,937	218	20,074
Unallocated	10	16	115	1,162	28	102
By currency						
Of which: US dollar	88	108	13,959	2,865	-245	15,253
Of which: euro	669	867	21,877	1,291	684	20,835
Of which: yen	-9	-74	74	-41	-17	342
By instrument						
Of which: debt securities	.	.	.	0	30	76
Local positions in local currencies	52,035	-354	1,006,970	12,354	9,192	667,486
Of which: parent country	30,187	12,202	712,845	11,429	9,771	537,668

Banks' nationality: Switzerland

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	83,062	-1,676	1,933,784	69,377	-17,343	1,749,783
By sector of counterparty						
Banks	58,101	-21,720	1,114,086	52,121	-24,929	957,256
Of which: intragroup	57,445	-62,800	735,173	56,172	-46,403	743,675
Non-banks	25,433	20,301	816,157	10,884	7,932	680,215
Of which: non-bank financial	17,558	9,547	466,088	17,070	-760	296,740
Of which: non-financial	7,176	9,850	284,990	-5,157	4,945	310,418
Unallocated	-472	-257	3,542	6,373	-346	112,312
By currency						
Of which: US dollar	38,287	-16,715	1,139,903	21,937	-8,495	982,473
Of which: euro	50,983	-10,712	318,086	46,580	-13,546	354,428
Of which: yen	-9,463	13,530	64,352	1,784	-3,539	30,846
By instrument						
Of which: debt securities	.	.	.	4,846	-2,470	116,839
Local positions in foreign currencies	-45,003	-3,536	235,403	-42,678	124	402,877
By sector of counterparty						
Banks	-45,876	-10,339	105,499	-44,977	-8,159	85,912
Non-banks	1,358	7,103	126,691	3,332	8,233	315,618
Of which: non-bank financial	336	2,264	81,015	2,472	3,965	179,750
Of which: non-financial	855	715	33,190	390	3,485	121,846
Unallocated	-485	-300	3,212	-1,034	50	1,347
By currency						
Of which: US dollar	-19,527	-3,415	98,589	-19,166	3,500	214,448
Of which: euro	-22,020	-5,793	76,336	-23,609	-2,835	118,294
Of which: yen	-1,430	-645	5,121	-1,047	-1,307	8,570
By instrument						
Of which: debt securities	.	.	.	-42	716	15,508
Local positions in local currencies	13,463	6,616	1,577,663	25,144	4,589	1,098,845
Of which: parent country	14,891	5,065	1,429,554	24,066	10,559	1,026,802

Banks' nationality: United Kingdom

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	199,977	114,173	3,182,594	202,440	57,828	3,165,189
By sector of counterparty						
Banks	103,896	59,239	1,543,364	135,361	69,490	1,613,699
Of which: intragroup	-39,427	-32,428	703,617	-66,563	9,174	703,323
Non-banks	87,964	55,503	1,587,150	56,384	-26,615	1,262,828
Of which: non-bank financial	62,240	52,953	1,030,344	66,222	-45,997	831,454
Of which: non-financial	31,784	-8,802	505,057	-6,651	14,463	369,989
Unallocated	8,117	-569	52,079	10,695	14,953	288,663
By currency						
Of which: US dollar	21,455	21,138	1,186,810	33,530	-12,166	1,153,850
Of which: euro	159,483	47,568	1,210,128	157,572	60,209	1,299,195
Of which: yen	-9,155	17,033	155,864	-4,494	13,847	111,282
By instrument						
Of which: debt securities	.	.	.	1,733	11,537	264,387
Local positions in foreign currencies	-24,155	50,632	541,940	-30,163	62,582	808,994
By sector of counterparty						
Banks	-11,203	16,141	163,339	5,534	7,732	134,289
Non-banks	-11,819	34,375	376,764	-35,557	55,768	673,547
Of which: non-bank financial	-12,506	8,722	219,068	-24,122	38,748	352,463
Of which: non-financial	304	811	102,999	-10,076	8,506	268,538
Unallocated	-1,134	117	1,837	-140	-919	1,158
By currency						
Of which: US dollar	-3,954	23,233	255,602	-11,885	44,571	446,801
Of which: euro	-19,818	216	154,071	-27,585	6,243	191,763
Of which: yen	-772	-2,084	13,157	2,752	-124	30,995
By instrument						
Of which: debt securities	.	.	.	195	4,587	10,536
Local positions in local currencies	12,238	105,715	6,058,429	-44,888	62,337	5,118,911
Of which: parent country	-77,003	35,819	4,746,217	-118,515	23,515	4,067,878

Banks' nationality: United States

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

Table A7

	Claims			Liabilities		
	Adjusted changes		Outstanding	Adjusted changes		Outstanding
	Q1 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	296,851	-27,707	3,607,495	248,220	27,521	4,043,886
By sector of counterparty						
Banks	71,106	31,764	1,759,235	156,805	62,035	1,881,658
Of which: intragroup	85,466	7,824	1,240,424	148,560	29,927	1,206,675
Non-banks	222,998	-62,294	1,846,175	89,367	-37,359	2,099,188
Of which: non-bank financial	199,067	-75,486	1,317,215	101,838	-58,389	1,401,729
Of which: non-financial	24,275	11,840	476,877	-13,801	17,909	576,327
Unallocated	2,746	2,823	2,085	2,048	2,845	63,040
By currency						
Of which: US dollar	140,123	-46,256	2,205,550	140,112	-10,291	2,694,135
Of which: euro	45,712	34,586	702,743	18,308	32,610	678,378
Of which: yen	39,562	-31,860	144,247	33,151	-8,721	145,556
By instrument						
Of which: debt securities	.	.	.	1,772	-15,236	146,219
Local positions in foreign currencies	-13,857	26,537	314,511	-22,964	8,334	397,515
By sector of counterparty						
Banks	-1,293	8,186	147,711	-2,073	3,883	119,072
Non-banks	-12,370	17,996	163,630	-21,352	3,779	259,819
Of which: non-bank financial	-16,148	-9,250	62,265	-20,989	-6,439	125,287
Of which: non-financial	2,779	818	52,160	93	4,836	92,340
Unallocated	-193	356	3,170	462	673	18,624
By currency						
Of which: US dollar	-16,990	-4,092	133,427	-23,398	-989	211,196
Of which: euro	7,940	902	73,975	-244	5,318	78,892
Of which: yen	-2,925	-1,603	4,324	-1,981	-1,688	10,306
By instrument						
Of which: debt securities	.	.	.	36	-41	178
Local positions in local currencies	4,800	71,998	753,017	10,027	21,943	467,594
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 19	Q2 19	Q2 19	Q1 19	Q2 19	Q2 19
Cross-border positions	-43,001	16,286	391,121	30,607	47,861	1,058,898
By currency						
US dollar	-23,102	4,186	133,424	10,642	38,189	645,155
Euro	-1,364	-2,260	129,560	13,745	5,445	202,485
Yen	2,075	-134	11,823	1,927	2,364	25,803
Pound sterling	9,271	-2,137	16,921	3,268	-8,154	37,833
Swiss franc	5,147	5,220	44,735	270	-109	1,534
Other currencies	-34,800	9,251	35,538	880	7,281	66,676
Unallocated	-228	2,160	19,120	-126	2,846	79,411
By instrument						
of which: loans	-42,801	9,320	344,762	28,859	41,752	1,017,730
of which: debt securities	2,988	4,492	41,709	847	6,197	36,437
By location of banking office						
Euro area	15,433	10,790	96,603	24,494	16,958	269,894
Japan	119	-49	2,064	1,891	-1,670	14,884
Switzerland	-1,589	-234	3,499	-3,758	-160	20,887
United Kingdom	\	\	\	\	\	\
United States	-399	7,557	52,026	539	9,715	154,491
Other locations	...	...	...	...	...	...
By nationality of bank						
of which: Canada	-10,926	-429	17,106	2,127	-1,399	46,495
of which: France	78	2,657	31,448	13,375	16,453	124,271
of which: Germany	772	4,746	34,371	6,284	6,055	83,929
of which: Japan	202	1,299	6,340	10,672	614	105,216
of which: Netherlands	2,135	3,427	15,920	6,857	-1,857	25,087
of which: Spain	379	884	4,475	-15,827	9,257	33,056
of which: Sweden	-3,198	-2,344	740	3,923	-4,926	8,622
of which: Switzerland	-6,299	-1,088	7,375	-5,537	-1,872	27,430
of which: United Kingdom	-6,158	-10,049	69,083	11,104	-8,119	111,188
of which: United States	-10,601	8,983	72,088	-4,257	16,986	147,972
Local positions in foreign currencies	9,855	1,031	74,918	1,859	245	75,331
Local positions in local currencies	-36,315	-78,191	4,113,289	-153,724	-18,933	1,675,759

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 credit

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).

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

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.

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	Guarantor basis	Immediate counterparty	Guarantor basis						
	Q2 19	Q2 19	Q2 19	Q2 19						
All bank nationalities	30,788.2	27,415.2	61,461.0	60,664.4	86,401.5	81,075.4	60,433.2	9,375.1	3,881.0	6,010.0
Of which: parents in CBS rep countries	28,895.7	27,415.2	60,628.8	60,664.4	86,293.4	80,700.1	60,100.2	9,350.9	3,865.0	5,998.9
Australia	690.0	694.0	1,963.0	1,959.0	2,838.8	2,647.5	1,819.5	618.5	138.0	191.2
Austria	405.9	401.5	406.2	410.5	842.9	763.6	596.3	149.1	23.3	\
Belgium	233.5	233.7	308.7	308.5	565.7	530.4	426.4	62.9	32.2	35.2
Brazil	143.8	...	...	...	...	...	...	...	...	...
Canada	1,879.9	1,877.8	2,159.9	2,162.0	4,496.4	4,227.6	3,791.7	32.1	177.5	268.8
Chile	13.7	13.4	198.3	198.6	...	179.7	120.0	41.5	12.0	...
Chinese Taipei	352.2	331.8	1,216.7	1,237.1	1,632.9	1,514.2	1,351.3	54.6	9.2	118.7
Denmark	291.1	...	626.6	...	1,056.1	1,012.7	367.5	496.4	138.6	\
Finland	497.2	497.3	202.7	202.6	760.5	707.2	299.7	288.3	57.2	53.3
France	3,117.6	3,124.0	4,408.9	4,403.3	8,238.8	7,748.1	4,935.2	1,431.5	730.1	490.8
Germany	2,227.7	1,965.5	5,282.6	5,544.8	8,281.1	7,775.5	5,639.3	1,448.4	687.8	505.5
Greece	61.0	60.9	224.3	224.4	288.2	255.6	231.8	6.5	8.8	32.7
Hong Kong SAR	\	\	\	\	\	\	\	\	\	\
India	120.6	79.1	2,197.6	2,239.2	2,251.4	2,241.9	1,862.2	53.3	0.9	9.5
Ireland	94.9	94.5	150.7	151.1	280.5	246.3	218.4	20.3	3.9	34.2
Italy	844.9	841.7	2,577.3	2,580.4	3,264.0	3,017.7	2,384.9	357.2	114.2	246.4
Japan	4,475.2	4,297.0	16,253.6	16,431.9	\	\	\	\	\	\
Korea	194.1	188.7	1,878.6	1,884.0	2,311.4	2,132.4	1,516.9	415.9	16.7	179.0
Luxembourg	\	...	\	...	\	\	\	\	\	\
Mexico	7.3	...	...	...	...	...	...	...	...	...
Netherlands	1,354.3	1,351.2	1,338.1	1,341.2	2,716.2	2,555.0	1,675.9	694.9	116.4	161.1
Panama	19.9	...	...	...	...	...	...	...	...	...
Portugal	97.3	99.0	207.0	268.2	313.9	283.2	\	\	\	30.7
Singapore	565.4	570.4	401.8	396.8	1,006.8	912.0	\	\	\	94.8
Spain	1,833.5	1,815.3	1,756.9	1,775.1	4,002.3	3,703.8	2,853.4	493.0	157.3	298.5
Sweden	356.6	344.8	605.1	616.8	954.2	894.0	420.8	435.7	17.4	60.2
Switzerland	1,436.3	1,070.7	1,442.8	1,497.9	2,685.4	2,785.2	2,041.6	464.1	149.2	172.8
Turkey	23.1	23.3	511.7	511.5	534.8	481.8	405.0	28.3	5.8	53.0
United Kingdom	3,642.7	3,624.4	2,685.9	2,704.2	7,417.8	6,935.8	4,424.3	766.3	803.7	482.0
United States	3,655.9	3,603.5	11,373.4	11,431.4	15,640.6	13,978.0	9,820.3	581.7	221.9	1,662.6

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 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			Of which: non-fin. corporate	Of which: household	
Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
All bank nationalities	30,788.2	18,811.3	8,732.5	877.7	6,036.5	4,681.7	3,342.5	10,727.6	4,752.8	3,125.6	431.8	11,973.1	9,144.4	-652.9
Of which: parents in CBS-reporting countries	28,895.7	16,935.4	7,908.5	771.2	5,162.8	3,685.6	3,218.2	9,989.7	4,400.7	3,028.4	425.9	11,956.4	9,142.4	-652.5
Australia	690.0	273.5	169.1	18.7	75.7	72.9	44.6	156.0	77.8	62.8	15.4	416.5	309.8	3.9
Austria	405.9	202.4	75.7	16.0	107.3	45.0	39.4	118.0	34.4	68.1	15.5	203.5	155.3	-4.4
Belgium	233.5	105.6	39.4	6.9	54.3	36.1	30.6	38.7	8.9	24.8	5.1	127.9	71.4	0.2
Brazil	143.8	97.1	49.4	14.2	15.2	67.0	1.2	28.7	...	...	...	46.7	43.6	-0.4
Canada	1,879.9	750.5	379.2	51.0	198.4	109.2	158.5	481.5	275.5	189.7	16.3	1,129.3	701.0	-2.0
Chile	13.7	8.7	4.2	0.4	1.7	5.9	0.0	0.8	...	...	...	5.0	5.1	-0.3
Chinese Taipei	352.2	260.2	107.1	27.2	125.9	106.0	15.3	138.9	32.7	103.7	2.5	92.0	52.4	-20.4
Denmark	291.1	142.1	61.4	3.5	28.7	25.7	22.1	92.7	59.1	27.1	6.5	149.0	417.5	...
Finland	497.2	198.5	79.1	19.9	55.4	\	\	\	\	\	\	298.7	116.7	\
France	3,117.6	1,697.0	853.8	120.9	543.8	462.5	344.9	883.2	304.5	514.6	64.1	1,420.6	970.7	6.4
Germany	2,227.7	1,733.9	757.9	...	379.7	525.4	274.3	934.2	233.1	...	...	493.8	221.6	-262.3
Greece	61.0	44.7	15.7	3.0	25.4	9.8	10.9	23.9	3.6	15.9	4.4	16.3	13.3	-0.1
Hong Kong SAR	\	\	\	\	\	\	\	\	\	...	...	\	\	\
India	120.6	93.7	79.7	1.3	12.2	30.9	2.8	56.1	0.2	\	\	26.9	98.5	-41.5
Ireland	94.9	41.8	5.7	5.2	30.9	12.6	9.5	19.7	2.1	16.6	1.1	53.1	38.0	-0.4
Italy	844.9	494.2	172.3	34.5	239.1	123.6	132.1	237.9	78.6	137.2	22.0	350.7	396.6	-3.2
Japan	4,475.2	3,484.1	407.3	185.0	1,582.5	404.5	812.5	2,267.1	1,046.5	...	...	991.1	855.4	-178.2
Korea	194.1	153.6	76.3	10.2	64.8	44.4	8.9	100.3	18.8	77.7	3.8	40.4	30.8	-5.4
Luxembourg	\	\	\	\	\	\	\	\	\	\	\	...	...	...
Mexico	7.3	7.3	7.0	0.0	1.1	4.6	0.4	2.2	...	...	...	...	...	...
Netherlands	1,354.3	695.4	418.5	41.8	216.2	134.0	113.1	448.3	103.3	337.4	7.7	658.9	617.4	-3.1
Panama	19.9	19.9	9.9	2.2	7.8	12.4	1.2	6.3	...	...	...	...	...	...
Portugal	97.3	55.6	16.4	2.8	32.4	9.1	24.6	21.9	\	\	\	41.7	38.3	1.7
Singapore	565.4	309.1	\	\	\	\	\	\	\	...	...	256.3	\	5.0
Spain	1,833.5	543.4	301.5	32.5	199.8	152.8	138.6	263.0	73.6	158.8	30.6	1,290.1	1,141.6	-18.1
Sweden	356.6	133.6	77.4	8.1	43.1	23.0	16.9	93.6	29.6	61.5	2.5	223.0	308.8	-11.7
Switzerland	1,436.3	1,037.7	651.2	58.6	211.3	231.6	71.8	707.9	412.7	202.3	92.8	394.8	179.7	-55.1
Turkey	23.1	22.4	8.5	0.3	4.6	15.0	1.0	4.5	1.1	...	...	0.8	0.3	0.2
United Kingdom	3,642.7	1,810.9	1,043.9	65.5	172.4	394.1	454.6	962.1	500.4	396.6	65.2	1,831.8	1,284.5	-18.3
United States	3,655.9	2,324.7	1,735.8	...	588.9	403.2	380.5	1,541.0	1,014.5	489.6	36.8	1,331.2	817.9	-48.1

Summary of foreign claims and other potential exposures (guarantor 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	Of which: non-fin. corporate	Of which: household					
Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	
Parents in CBS-rep countries¹	27,415.2	3,772.9	7,261.8	16,075.2	5,196.1	5,315.8	2,904.8	14,469.9	12,945.3	2,383.5	3,208.7	4,880.1
Australia	694.0	77.2	190.6	426.0	76.9	190.9	158.2	250.5	443.5	45.3	27.0	115.6
Austria	401.5	41.6	116.7	177.2	37.4	98.2	41.5	163.0	238.5	22.8	23.9	37.5
Belgium	233.7	38.1	78.0	114.8	10.8	41.6	62.4	95.7	138.1	28.8	8.5	18.7
Canada	1,877.8	137.5	474.3	1,248.6	550.5	514.6	183.5	676.6	1,201.2	97.1	55.2	389.2
Chile	13.4	8.9	1.0	1.2	...	...	...	8.6	4.8	1.8	...	...
Chinese Taipei	331.8	123.9	31.7	176.2	32.3	131.1	12.8	228.2	103.5	5.5	3.3	51.4
Finland	497.3	99.9	67.2	322.3	24.7	137.6	160.1	\	321.6	49.0	\	2.0
France	3,124.0	427.6	1,016.0	1,674.1	302.8	867.7	503.5	1,592.4	1,531.6	135.0	210.0	622.2
Germany	1,965.5	460.8	483.0	894.3	286.6	...	...	1,308.3	657.2	590.5	281.2	311.0
Greece	60.9	10.0	15.7	35.0	3.8	21.9	9.4	37.6	23.3	1.2	1.1	0.9
India	79.1	17.6	18.7	38.3	0.1	\	\	\	\	55.4	39.1	1.9
Ireland	94.5	13.1	19.9	61.5	2.4	29.8	29.2	41.1	53.4	3.8	0.4	6.9
Italy	841.7	136.1	238.0	466.2	96.3	264.2	105.8	430.7	411.0	70.9	140.3	188.1
Korea	188.7	53.8	11.8	107.6	19.1	83.1	5.4	137.5	51.2	7.6	54.9	105.2
Japan	4,297.0	391.9	1,109.5	2,795.6	1,116.5	...	...	3,258.5	1,038.4	47.3	117.3	503.2
Netherlands	1,351.2	147.0	226.2	977.8	169.7	\	\	641.6	709.6	180.5	71.0	150.8
Portugal	99.0	10.9	36.5	51.5	\	\	\	49.3	49.7	9.1	5.1	4.2
Singapore	570.4	121.0	81.3	368.0	52.3	...	...	266.1	304.4	19.1	36.8	123.8
Spain	1,815.3	186.8	398.0	1,230.6	114.6	461.7	654.2	443.0	1,372.3	125.3	110.8	335.2
Sweden	344.8	29.5	91.2	223.4	37.4	129.9	56.1	117.3	227.6	28.1	15.4	48.7
Switzerland	1,070.7	192.1	256.3	573.7	286.6	269.1	18.1	641.1	429.6	247.0	347.9	140.6
Turkey	23.3	13.7	1.1	5.8	0.4	...	...	17.8	5.5	5.6	3.1	0.0
United Kingdom	3,624.4	502.5	1,116.1	2,005.8	765.2	784.5	456.1	1,638.6	1,985.8	394.1	726.8	814.4
United States	3,603.5	480.5	1,125.1	1,998.0	1,189.1	649.1	159.7	2,063.5	1,540.0	201.2	920.5	884.1

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 residents of Argentina

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	53,091	28,118	17,603	24,972	-1,740	3,155	43,863	1,551	20,326	21,918	954	424	11,717	7,033
Of which: parents in CBS countries	52,648	27,674	17,492	24,972	-1,740	3,155	43,863	1,551	20,326	21,918	954	424	11,717	7,033
Australia	2	2	0	...	-1	1	1	...	...	1	...	6	...	0
Austria	18	18	4	...	-4	5	14	0	1	12	0	...	0	0
Belgium	1	1	1	...	...	...	1	...	...	1	...	...	...	...
Brazil	4,208	2,976	1,442	1,232	-381	\	...	...	...	...	...	...	...	...
Canada	15	15	\	...	\	\	\	\	\	\	\	...	...	\
Chile	61	61	57	...	-14	\	47	...	...	5	...	...	...	...
Chinese Taipei	1	1	1	...	1	...	2	1	...	1	...	...	...	...
Finland	\	\	\	...	...	...	\	\	...	\	...	...	...	...
France	1,158	1,307	770	-150	-136	762	1,021	-170	468	713	29	24	32	11
Germany	1,847	\	\	...	-389	...	1,458	75	843	525	197	6	75	197
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	0	0	0	...	...	...	0	...	...	0	...	...	...	0
Italy	\	\	\	...	\	\	\	\	\	\	\	\	\	\
Japan	566	564	101	2	49	...	615	20	402	193	...	8	...	...
Korea	57	57	57	...	0	\	56	49	...	7	...	...	14	0
Mexico	0	0	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	2,884	\	\	\	\	\	2,649	\	\	\	\	\	\	\
Panama	410	410	234	...	...	...	...	...	...	...	...	...	...	...
Portugal	27	27	0	...	1	\	29	...	\	19	...	...	...	...
Spain	23,693	5,828	4,817	\	-444	444	23,249	517	11,069	11,662	\	62	304	3,976
Sweden	43	43	0	...	-42	42	1	0	...	1	...	...	5	0
Switzerland	1,958	1,958	1,322	...	828	...	\	...	...	...	...	1	82	2,227
Turkey	0	0	...	...	...	...	0	\	...	...	...	...	\	...
United Kingdom	6,775	3,416	2,874	3,359	-144	\	6,631	131	3,752	2,748	3	17	6,204	107
United States	8,799	6,135	4,016	2,664	-813	997	7,978	836	3,765	3,377	188	102	4,931	405
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Australia

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	555,563	286,612	94,136	268,951	-18,837	33,177	489,676	95,660	77,953	311,722	67,719	31,919	46,824	90,608
Of which: parents in CBS countries	526,604	257,653	75,915	268,951	-18,837	33,177	489,676	95,660	77,953	311,722	67,719	31,919	46,824	90,608
Australia	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Austria	741	741	150	...	-13	56	728	618	12	96	84	1	2	3
Belgium	1,205	1,205	227	...	-25	\	1,181	854	1	326	81	\	\	...
Brazil	81	81	78	...	...	...	...	...	...	...	...	...	...	...
Canada	24,822	14,559	3,253	10,264	-1,317	\	23,505	5,630	1,718	12,607	3,345	\	568	3,971
Chile	3	3	...	...	...	...	3	2	...	1	...	...	...	...
Chinese Taipei	20,011	14,024	3,155	5,987	-3,268	\	16,743	8,932	613	7,198	882	305	57	1,159
Finland	503	503	220	...	...	\	503	422	...	\	...	\	\	...
France	23,976	15,115	4,608	8,861	-1,341	2,966	22,636	3,183	6,476	12,977	684	1,785	1,624	6,859
Germany	32,050	\	\	\	-3,144	...	28,906	11,972	3,021	13,310	3,150	8,109	5,864	2,649
Greece	68	68	54	...	...	...	68	59	...	9	...	...	...	...
Ireland	854	854	65	...	-17	20	837	678	0	159	...	0	...	3
Italy	1,465	1,465	180	...	\	\	1,208	398	72	737	22	89	44	336
Japan	131,667	90,178	10,866	41,489	-8,679	...	122,989	24,007	23,791	75,190	22,846	2,646	3,820	15,836
Korea	5,404	4,762	1,229	643	...	...	5,404	1,079	94	4,047	652	231	1,017	1,204
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	71,214	5,767	\	65,447	\	\	70,925	\	\	\	\	\	\	\
Panama	47	47	2	...	...	...	...	...	...	...	...	...	...	...
Portugal	118	118	51	...	2	\	120	77	\	25	\	...	\	\
Spain	2,177	2,175	683	\	125	17	2,301	1,148	3	1,150	108	175	356	604
Sweden	606	\	\	...	-26	42	580	132	0	449	66	15	41	56
Switzerland	13,390	13,390	8,340	...	3,408	...	\	...	...	...	...	5,095	1,482	2,403
Turkey	8	8	\	...	\	...	9	\	\	\	...	...	\	...
United Kingdom	61,843	26,766	8,605	35,077	2,636	4,541	64,479	10,009	12,056	42,414	8,926	5,693	8,417	14,638
United States	100,130	28,535	18,594	71,595	-4,533	8,052	95,597	15,278	23,177	57,142	22,927	3,838	21,331	28,694
Memo: Domestic banks ²														
Worldwide offices (consolidated)	1,963,037	34,234	22,524	1,928,804	-3,881	86,930	1,959,049	72,715	161,948	1,721,523	123,180	23,687	32,809	361,722

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 guarantor 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 residents of Belgium

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	528,400	221,901	86,992	306,499	19,789	15,724	516,867	41,725	161,526	312,171	22,937	28,214	33,018	60,974
Of which: parents in CBS countries	507,164	200,665	85,035	306,499	19,789	15,724	516,867	41,725	161,526	312,171	22,937	28,214	33,018	60,974
Australia	181	181	139	0	178	43	359	22	8	329	213	94	591	186
Austria	1,798	1,798	516	...	-19	117	1,780	503	858	412	188	137	189	255
Belgium	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brazil	72	72	41	...	-11	\	...	...	...	...	...	...	...	...
Canada	1,859	1,859	1,408	...	-64	\	1,796	77	1,215	505	230	\	257	257
Chile	5	5	4	...	...	...	5	0	0	0	...	...	...	...
Chinese Taipei	283	210	118	73	149	\	431	40	66	325	24	1	...	6
Finland	1,511	1,511	324	...	\	\	1,791	768	625	\	3	\	...	\
France	230,901	61,529	31,361	169,372	12,739	9,598	243,640	13,891	59,848	169,386	11,205	4,758	11,349	27,959
Germany	27,570	\	\	\	1,581	...	29,151	5,571	12,593	10,077	2,936	5,088	3,504	4,487
Greece	367	367	227	...	...	...	367	256	82	29	24	...	5	...
Ireland	1,145	1,145	36	...	-28	73	1,117	223	762	132	6	8	...	48
Italy	7,874	7,874	2,746	...	\	\	6,978	1,511	2,046	3,421	1,623	596	473	864
Japan	36,724	26,575	1,669	10,149	752	...	37,476	859	29,366	7,251	876	222	546	2,399
Korea	435	435	207	...	...	...	435	93	...	341	26	7	166	0
Mexico	4	4	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	30	30	6	...	...	...	...	...	...	...	...	...	...	...
Portugal	368	368	126	...	31	\	399	132	\	110	\	\	\	\
Spain	7,002	4,811	1,814	\	320	231	7,322	3,331	336	3,655	33	796	338	1,528
Sweden	353	353	253	...	81	3	434	103	51	279	6	28	153	407
Switzerland	3,741	3,741	2,286	...	1,570	...	\	...	...	...	...	592	380	79
Turkey	268	268	\	...	\	\	253	\	\	\	...	\	\	...
United Kingdom	8,771	8,636	3,005	135	466	1,158	9,237	3,476	3,459	2,301	412	7,572	2,165	5,747
United States	32,551	22,774	19,376	9,777	1,904	1,178	34,455	7,832	17,572	9,051	3,807	1,593	7,570	4,746
Memo: Domestic banks ²														
Worldwide offices (consolidated)	308,680	3,642	2,219	305,039	-202	\	308,479	7,597	68,605	226,073	10,435	\	\	\

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 guarantor 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 residents of Brazil

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	365,491	151,977	83,753	213,514	12,801	14,983	371,817	55,589	126,820	188,860	17,079	8,217	52,210	47,502
Of which: parents in CBS countries	364,705	151,191	83,321	213,514	12,801	14,983	371,817	55,589	126,820	188,860	17,079	8,217	52,210	47,502
Australia	273	258	234	14	20	1	293	31	90	172	56	112	1	54
Austria	250	250	228	...	264	20	514	290	200	22	1	...	39	0
Belgium	77	77	70	...	16	\	93	35	1	57	17	\	...	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	\	\	2,462	\	-840	1,103	\	\	\	\	\	37	\	901
Chile	1,087	1,087	801	...	-9	\	1,079	904	...	75	...	...	...	...
Chinese Taipei	32	32	6	...	121	\	153	46	...	107	...	...	...	...
Finland	\	\	\	...	...	...	\	...	...	\	...	...	\	...
France	28,549	21,442	10,004	7,107	-1,197	3,565	27,352	6,642	5,538	15,012	658	314	1,955	3,220
Germany	5,805	\	\	\	3,271	...	9,076	4,796	2,148	1,874	117	202	2,023	980
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	45	45	44	...	5	...	50	44	...	6	...	...	...	0
Italy	584	567	438	\	\	\	1,992	1,685	80	227	8	...	861	321
Japan	24,508	19,639	5,663	4,869	1,291	...	25,799	8,376	5,650	11,773	976	231	885	2,443
Korea	2,576	2,576	1,368	...	...	...	2,576	1,006	0	1,569	397	...	432	59
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	18,327	\	\	\	\	\	18,624	\	\	\	\	\	\	\
Panama	464	464	297	...	...	...	...	...	...	...	...	...	...	...
Portugal	2,116	831	171	1,284	507	\	2,623	\	\	1,480	\	\	\	\
Spain	166,172	16,279	12,315	149,893	-1,308	1,451	164,863	1,579	68,856	94,429	5,709	4,916	10,720	33,528
Sweden	2,040	2,040	488	...	-1,551	1,551	489	246	91	153	...	1	0	1
Switzerland	3,625	3,625	2,070	...	1,559	...	\	...	...	...	...	518	580	24
Turkey	19	19	\	...	\	...	38	\	...	\	...	...	...	...
United Kingdom	14,879	14,357	6,867	522	868	1,470	15,747	3,560	7,190	4,997	1,891	331	17,248	942
United States	82,245	44,860	33,639	37,385	7,604	5,059	89,840	20,638	34,943	34,259	6,381	1,284	16,248	4,200
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Canada

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	484,807	331,547	128,130	153,259	12,488	24,639	487,876	140,811	88,799	255,164	78,335	48,335	44,689	132,442
Of which: parents in CBS countries	478,634	325,374	125,350	153,259	12,488	24,639	487,876	140,811	88,799	255,164	78,335	48,335	44,689	132,442
Australia	8,328	8,111	3,347	217	2,399	810	10,727	6,194	2,111	2,422	1,287	1,621	135	546
Austria	1,316	1,316	542	...	55	15	1,371	717	224	426	91	69	88	40
Belgium	3,294	3,293	1,144	1	187	\	3,480	2,443	707	331	167	\	\	\
Brazil	785	785	711	...	...	...	...	...	...	...	...	...	...	...
Canada	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chile	86	86	45	...	...	...	86	40	...	...	...	55	...	...
Chinese Taipei	4,739	3,848	664	891	491	\	5,231	3,873	30	1,328	84	22	15	230
Finland	2,945	2,945	577	...	\	\	2,947	2,352	349	\	...	67	...	...
France	35,525	31,913	13,726	3,612	-1,832	12,004	33,693	13,454	9,930	10,284	5,086	3,784	1,776	7,700
Germany	41,716	\	\	\	-4,584	...	37,132	19,148	5,073	10,557	3,952	6,313	950	1,831
Greece	61	61	37	...	...	...	60	54	...	6	...	...	3	...
Ireland	1,633	1,633	82	...	-30	97	1,602	1,341	32	230	0	66	0	11
Italy	2,399	2,399	345	...	\	\	2,482	697	833	951	446	116	930	58
Japan	74,839	55,730	7,493	19,109	-549	...	74,290	18,030	13,492	42,767	12,174	1,514	2,012	16,482
Korea	3,223	1,596	992	1,627	-93	\	3,130	700	159	1,782	111	431	909	76
Mexico	256	256	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	19,065	\	\	\	\	\	19,905	\	\	\	\	\	\	\
Panama	152	152	103	...	...	...	...	...	...	...	...	...	...	...
Portugal	135	135	42	...	12	\	147	34	\	82	...	...	\	\
Spain	4,933	4,459	2,298	473	29	72	4,961	1,447	233	3,281	\	606	348	388
Sweden	1,995	1,995	1,492	...	76	2	2,071	1,242	12	816	33	58	3	4
Switzerland	18,632	17,315	5,877	1,316	6,104	...	24,736	10,396	2,699	11,462	2,621	4,754	2,990	2,179
Turkey	33	33	\	...	\	...	34	\	\	\	...	\	\	...
United Kingdom	100,218	40,374	13,373	59,843	3,448	2,439	103,666	15,312	28,399	59,955	12,081	10,144	5,565	20,782
United States	138,621	82,320	55,574	56,301	4,210	7,998	142,822	31,515	21,045	90,262	36,235	16,334	27,420	77,962
Memo: Domestic banks ²														
Worldwide offices (consolidated)	2,159,948	123,061	42,581	2,036,886	2,047	262,525	2,161,995	67,865	441,503	1,644,574	189,896	44,543	77,896	250,018

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 guarantor 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 residents of China

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	1,241,960	943,046	660,318	298,914	111,062	61,125	815,514	289,315	136,552	386,573	68,113	15,529	87,378	61,943
Of which: parents in CBS countries	742,022	443,108	303,833	298,914	111,062	61,125	815,514	289,315	136,552	386,573	68,113	15,529	87,378	61,943
Australia	24,655	20,963	11,233	3,692	2,302	6,485	27,007	6,296	8,712	11,998	909	460	3,455	3,571
Austria	1,200	1,149	627	51	353	340	1,553	1,524	1	24	1	2	157	59
Belgium	1,303	928	838	375	-78	\	1,225	723	16	485	\	\	\	\
Brazil	124	90	78	34	100	...	...	...	...	...	...	...	...	...
Canada	16,622	15,545	12,477	1,078	-1,481	2,163	15,141	4,084	7,336	3,722	164	584	\	\
Chile	55	55	54	...	...	...	55	55	...	...	...	...	...	...
Chinese Taipei	41,777	18,116	12,071	23,661	22,595	\	64,371	37,668	2,135	24,568	6,439	219	1,342	7,931
Finland	2,766	2,609	\	\	...	\	2,766	\	\	515	...	\	\	...
France	45,259	35,633	22,422	9,626	-526	8,698	44,733	14,951	7,193	22,590	3,130	3,570	4,527	2,414
Germany	29,010	\	\	\	3,284	...	32,294	11,230	7,404	12,621	2,670	145	8,563	2,040
Greece	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Ireland	1	1	...	...	17	0	19	...	...	19	...	...	...	13
Italy	3,397	2,303	968	1,095	\	\	3,848	2,293	233	1,323	487	\	1,351	495
Japan	73,696	32,113	16,597	41,583	3,478	...	77,174	23,966	11,183	42,024	12,873	1,324	4,613	4,952
Korea	26,816	14,013	10,029	12,804	-927	\	25,890	8,966	1,241	13,654	1,319	101	2,935	2,369
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	31	31	26	...	...	...	...	...	...	...	...	...	...	...
Portugal	328	328	185	...	15	\	343	\	\	274	\	...	\	\
Spain	6,047	4,553	2,859	1,494	2,563	696	8,610	3,912	8	4,690	418	89	2,169	474
Sweden	3,108	2,234	1,769	875	146	149	3,254	1,438	439	1,378	197	11	306	380
Switzerland	23,193	23,193	16,419	...	9,404	...	\	...	...	...	...	578	1,024	305
Turkey	16	16	\	...	\	\	18	\	...	\	...	...	\	\
United Kingdom	198,077	101,055	65,881	97,022	16,772	17,673	214,849	56,419	61,197	97,232	13,324	2,668	21,764	10,232
United States	91,915	59,625	55,880	32,290	8,029	4,700	99,929	27,586	18,422	53,921	12,618	2,687	18,841	7,378
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of France

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	1,368,197	1,121,124	649,337	247,073	2,757	47,915	1,281,832	424,955	362,618	482,334	174,420	185,985	226,194	388,089
Of which: parents in CBS countries	1,310,087	1,064,393	608,659	245,694	2,757	47,915	1,281,832	424,955	362,618	482,334	174,420	185,985	226,194	388,089
Australia	8,520	8,350	7,195	170	522	2,782	9,042	3,583	2,919	2,540	1,079	3,052	871	1,141
Austria	12,333	12,280	5,711	53	-213	1,821	12,120	5,781	2,233	3,997	1,860	3,112	191	401
Belgium	18,036	15,868	5,345	2,168	160	\	18,197	6,376	7,208	4,491	947	\	\	\
Brazil	2,082	1,963	1,712	119	-30	\	...	...	...	...	...	...	...	...
Canada	26,338	25,719	17,717	\	\	\	26,745	4,447	12,386	9,908	6,552	8,438	935	\
Chile	223	223	154	...	...	...	223	148	...	...	...	220	...	...
Chinese Taipei	8,093	8,004	1,795	89	1,902	\	9,995	8,267	350	1,378	405	563	17	186
Finland	19,059	19,059	\	...	\	\	19,066	16,110	576	2,380	149	4,162	\	27
France	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	182,993	168,232	60,596	14,761	-13,014	...	169,979	75,609	30,340	56,570	6,667	47,485	16,526	27,469
Greece	783	783	345	...	3	...	787	466	298	23	9	290	16	...
Ireland	5,799	5,601	1,097	198	191	99	5,991	2,844	1,412	1,735	328	798	13	340
Italy	63,710	61,189	30,019	2,520	\	\	66,011	35,251	14,920	15,840	5,052	3,381	9,985	25,974
Japan	207,983	180,282	21,338	27,701	9,258	...	217,241	29,392	135,904	51,945	8,012	3,666	2,083	23,031
Korea	1,629	1,537	657	92	-7	\	1,622	915	46	656	40	2,000	526	33
Mexico	80	80	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	98,983	77,386	\	21,596	\	\	98,241	\	\	\	\	\	\	\
Panama	6	6	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	5,495	2,375	431	3,120	452	\	5,947	1,073	\	4,122	\	\	\	\
Spain	101,009	76,838	59,874	24,171	655	672	101,664	56,336	2,452	42,876	13,195	12,578	23,700	27,091
Sweden	3,227	\	\	\	225	3	3,452	1,751	157	1,544	237	1,324	261	202
Switzerland	60,665	53,849	32,631	6,816	-1,707	1,707	58,957	17,609	12,601	24,708	5,631	19,629	49,118	4,326
Turkey	754	754	\	...	\	\	762	\	\	\	...	\	\	...
United Kingdom	283,465	165,601	142,280	117,864	-8,602	26,207	274,864	96,438	88,048	90,378	29,199	38,762	28,260	76,780
United States	162,136	138,667	119,955	23,469	10,910	3,090	173,043	25,226	37,019	110,798	79,258	14,145	90,269	179,371
Memo: Domestic banks ²														
Worldwide offices (consolidated)	4,408,918	101,456	40,214	4,307,462	-5,581	153,223	4,403,338	411,248	1,165,754	2,826,332	142,794	44,655	115,139	583,666

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 guarantor 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 residents of Germany

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	1,511,723	805,002	383,933	706,720	88,322	57,950	1,481,987	210,338	612,580	646,244	113,445	231,166	158,795	253,715
Of which: parents in CBS countries	1,425,775	719,054	357,589	706,720	88,322	57,950	1,481,987	210,338	612,580	646,244	113,445	231,166	158,795	253,715
Australia	15,002	9,717	6,880	5,285	2,574	540	17,576	6,853	7,839	2,884	604	1,702	908	1,754
Austria	46,132	32,617	10,468	13,515	204	3,107	46,336	7,865	5,155	22,992	5,083	5,839	4,778	4,610
Belgium	7,303	6,869	4,826	434	568	\	7,871	4,939	1,083	1,844	165	\	\	\
Brazil	945	808	344	137	69	\	...	...	...	...	...	...	...	...
Canada	23,766	23,766	6,647	...	8,447	\	32,212	4,531	19,194	8,172	2,844	9,133	769	6,104
Chile	61	61	30	...	...	...	61	20	...	1	...	...	...	...
Chinese Taipei	2,542	2,542	1,542	...	717	\	3,259	1,951	164	1,144	241	153	145	159
Finland	10,348	10,289	2,994	\	2	\	10,350	3,522	5,508	1,320	425	4,906	\	\
France	166,083	79,472	48,882	86,611	17,139	24,682	183,222	23,709	41,353	118,119	8,679	17,402	12,227	45,905
Germany	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greece	3,381	3,326	2,380	55	...	...	3,381	2,499	777	105	1	185	26	1
Ireland	1,257	1,257	210	...	215	12	1,472	584	113	774	...	320	177	118
Italy	170,271	41,495	19,288	128,776	\	\	175,305	25,061	33,662	116,124	14,231	25,330	19,582	34,899
Japan	112,296	92,154	10,546	20,142	24,125	...	136,421	12,105	68,903	55,413	16,951	1,096	2,847	17,558
Korea	3,647	3,269	2,807	377	3	\	3,650	1,587	602	1,382	195	403	650	44
Mexico	738	738	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	168,742	\	\	\	\	\	172,761	\	\	\	\	\	\	\
Panama	197	197	52	...	...	...	...	...	...	...	...	...	...	...
Portugal	2,532	2,532	1,373	...	65	\	2,597	1,142	\	528	\	\	\	\
Spain	67,432	19,057	10,973	48,375	620	342	68,052	12,537	4,793	50,722	1,488	12,977	2,673	15,267
Sweden	19,534	\	\	\	638	94	20,172	1,802	11,143	7,227	1,835	1,378	1,833	4,599
Switzerland	64,447	53,306	26,345	11,141	5,650	...	70,097	21,387	22,362	25,403	11,182	38,339	10,528	7,269
Turkey	3,422	3,422	\	...	\	\	3,403	\	\	\	...	\	\	\
United Kingdom	168,174	87,407	40,422	80,767	5,142	6,153	173,316	42,125	93,869	37,322	13,065	73,791	20,885	54,099
United States	291,699	131,042	82,084	160,657	12,223	9,882	303,918	17,525	222,385	64,008	29,705	21,558	76,019	42,759
Memo: Domestic banks ²														
Worldwide offices (consolidated)	5,282,560	144,947	60,560	5,137,613	262,279	...	5,544,839	1,598,941	692,804	1,991,216	288,094	129,384	...	445,742

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 guarantor 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 residents of Hong Kong SAR

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	1,029,376	449,915	290,889	579,462	-119,451	161,683	860,559	64,170	158,919	634,700	87,932	18,285	37,015	115,723
Of which: parents in CBS countries	980,335	400,881	265,495	579,455	-119,451	161,683	860,559	64,170	158,919	634,700	87,932	18,285	37,015	115,723
Australia	18,621	15,403	10,826	3,218	-3,609	7,147	15,012	2,927	2,325	9,761	5,426	974	1,177	3,299
Austria	817	791	517	26	-447	453	370	244	2	119	22	0	14	8
Belgium	433	303	262	130	-35	\	398	111	62	224	2	\	\	\
Brazil	63	63	29	...	-31	\	...	...	...	...	...	...	...	...
Canada	4,391	2,517	1,633	1,874	\	746	4,823	592	1,019	3,191	1,057	152	68	273
Chile	1	1	1	...	...	...	1	1	...	...	...	...	...	...
Chinese Taipei	36,775	30,429	17,191	6,346	-11,588	\	25,186	3,731	911	20,544	4,240	163	273	7,567
Finland	149	149	84	...	...	...	149	47	...	\	\	\	\	...
France	34,396	23,440	9,803	10,956	-1,869	8,914	32,527	5,966	5,100	21,459	1,794	899	3,905	5,250
Germany	18,989	\	\	\	-4,377	...	14,612	3,619	385	9,806	2,530	1,480	2,141	427
Greece	8	8	7	...	...	...	8	4	...	5	...	...	3	...
Ireland	36	36	1	...	-17	17	18	0	...	18	0	...	...	0
Italy	1,048	932	416	\	\	\	996	147	8	745	344	98	316	61
Japan	84,643	42,077	19,902	42,566	-9,329	...	75,314	5,973	9,025	60,317	13,139	828	2,436	16,797
Korea	10,189	9,979	7,670	210	-418	\	9,771	4,003	114	5,266	1,491	159	1,353	589
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	16,169	12,952	\	3,217	\	\	15,221	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	262	\	\	...	12	\	274	\	\	109	\	...	...	\
Spain	6,283	6,020	4,914	\	-2,754	2,969	3,529	94	394	3,041	549	\	589	608
Sweden	585	\	\	\	-213	254	371	68	96	208	0	31	49	36
Switzerland	54,028	42,653	28,466	11,376	-28,603	28,603	25,425	6,174	1,313	16,492	4,577	1,326	1,857	859
Turkey	4	4	\	...	\	\	4	\	...	\	...	...	\	...
United Kingdom	481,990	93,655	67,037	388,335	-29,230	49,465	452,760	13,837	112,123	326,800	25,698	3,501	9,760	24,492
United States	84,116	42,775	35,644	41,341	-4,570	12,255	79,540	11,255	16,253	52,032	16,189	7,095	4,184	20,375
Memo: Domestic banks ²														
Worldwide offices (consolidated)	\	\	\	\	\	\	\	\	\	\	\	\	\	\

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 guarantor 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 residents of India

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	286,347	155,658	75,769	130,691	4,483	13,037	284,235	56,725	62,225	162,151	29,165	5,463	25,152	29,627
Of which: parents in CBS countries	283,461	152,772	74,821	130,691	4,483	13,037	284,235	56,725	62,225	162,151	29,165	5,463	25,152	29,627
Australia	5,062	4,074	2,122	988	1,490	721	6,552	849	1,364	4,339	321	71	173	488
Austria	171	171	75	...	102	95	273	263	0	8	0	...	89	73
Belgium	127	83	79	44	1	...	127	100	8	19	...	...	\	\
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	\	\	\	\	-69	92	\	268	\	\	\	11	127	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	5,505	5,329	1,155	176	1,249	\	6,754	3,083	126	3,545	881	2	17	537
Finland	84	84	47	...	\	\	84	\	...	\	...	...	\	...
France	20,980	13,823	7,445	7,158	310	1,362	21,290	4,812	3,434	12,972	1,234	450	3,004	852
Germany	29,233	\	\	\	-5,296	...	23,937	7,377	4,748	9,037	1,142	1,526	3,573	2,990
Greece	5	5	...	...	...	...	5	...	...	5	...	...	...	...
Ireland	5	5	1	...	-1	1	4	1	...	3	0	...	...	0
Italy	1,008	1,008	434	...	\	\	1,147	469	...	678	26	...	637	587
Japan	43,836	36,213	6,704	7,623	2,385	...	46,221	9,695	5,793	30,733	5,453	314	1,303	919
Korea	6,303	4,797	2,606	1,506	-19	\	6,284	3,113	327	2,559	69	1	899	705
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	2	2	1	...	...	...	...	...	...	...	...	...	...	...
Portugal	80	\	\	...	0	\	80	\	...	\	\	...	\	\
Spain	659	659	80	...	-94	94	565	15	\	545	...	...	46	27
Sweden	\	\	\	...	\	\	\	\	...	\	...	...	\	\
Switzerland	3,021	3,021	1,816	...	642	...	\	...	...	...	...	64	451	3
Turkey	1	1	\	...	\	...	1	\	...	\	...	...	\	...
United Kingdom	72,707	26,420	15,123	46,288	1,214	3,948	73,922	10,992	18,592	44,338	7,380	1,236	7,492	5,961
United States	73,747	28,855	24,788	44,892	1,511	4,508	75,253	12,774	23,947	38,532	9,110	940	5,636	12,151
Memo: Domestic banks ²														
Worldwide offices (consolidated)	2,197,644	\	\	\	\	\	2,239,157	\	\	\	\	...	...	...

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 guarantor 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 residents of Indonesia

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	169,650	115,708	51,291	53,943	-19,401	14,692	137,095	12,630	35,527	87,897	10,288	1,562	25,195	17,319
Of which: parents in CBS countries	161,411	107,469	48,704	53,943	-19,401	14,692	137,095	12,630	35,527	87,897	10,288	1,562	25,195	17,319
Australia	4,166	2,204	763	1,962	-472	527	3,694	313	957	2,424	155	8	223	494
Austria	317	317	111	...	37	87	354	22	78	254	...	...	13	7
Belgium	35	35	12	...	...	...	35	13	20	3	...	...	\	...
Brazil	7	7	...	...	-7	\	...	...	...	...	...	...	...	...
Canada	301	301	287	...	-260	\	41	12	\	10	...	\	...	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	5,949	5,215	1,102	734	-142	\	5,806	1,625	594	3,587	1,044	11	88	849
Finland	15	15	6	...	...	...	15	\	\	\	...	...	\	...
France	5,887	5,266	1,002	622	-896	1,608	4,991	347	2,527	2,117	75	162	417	517
Germany	8,149	\	\	\	-2,467	...	5,682	810	2,328	2,149	200	39	325	1,407
Greece	2	2	...	...	...	...	2	...	2	...	...	...	...	...
Ireland	0	0	0	...	...	...	0	0	...	0	...	...	...	0
Italy	687	687	46	...	\	\	464	23	317	124	52	...	426	80
Japan	45,474	30,388	10,695	15,086	-8,543	...	36,931	2,093	9,752	25,086	4,138	784	2,586	3,780
Korea	8,628	5,874	2,017	2,754	-637	\	7,991	666	1,328	5,415	461	41	1,914	835
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	2,912	\	\	\	\	\	2,396	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	54	\	\	...	1	\	55	\	\	\	...	...	...	...
Spain	121	121	17	...	-105	105	16	11	\	4	\	\	10	0
Sweden	99	99	88	...	-10	10	90	11	0	78	...	...	9	44
Switzerland	4,388	4,388	3,229	...	508	...	\	...	...	...	...	1	118	80
Turkey	0	0	\	...	\	...	0	\	...	\	...	...	\	...
United Kingdom	17,323	10,282	7,465	7,041	-2,031	2,355	15,291	1,175	4,600	9,494	480	116	8,707	1,224
United States	15,953	11,078	9,160	4,875	-1,216	2,342	14,742	2,529	5,773	6,440	882	120	6,288	2,580
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Italy

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	843,601	502,336	144,523	341,265	32,308	42,475	720,848	62,926	270,354	376,304	41,715	62,221	142,968	109,204
Of which: parents in CBS countries	690,253	349,605	141,684	340,648	32,308	42,475	720,848	62,926	270,354	376,304	41,715	62,221	142,968	109,204
Australia	400	400	327	...	-4	27	396	28	36	332	291	71	137	10
Austria	5,028	3,346	1,405	1,682	571	194	5,599	1,083	1,877	1,387	67	29	389	250
Belgium	4,458	4,452	890	6	147	\	4,606	579	3,284	720	501	\	\	\
Brazil	206	91	74	115	-17	\	...	...	...	...	...	...	...	...
Canada	1,128	1,104	1,021	\	46	\	1,174	75	\	\	\	\	\	\
Chile	6	6	5	...	...	...	6	2	...	...	...	...	...	...
Chinese Taipei	401	401	110	...	-11	\	389	54	221	114	...	...	15	5
Finland	251	251	89	...	\	...	252	\	\	178	...	\	\	\
France	321,741	80,114	32,888	241,627	22,574	39,307	344,315	20,320	90,058	233,855	15,612	16,412	16,597	55,790
Germany	87,252	49,493	10,555	37,759	4,253	...	91,505	10,076	34,880	37,391	4,220	9,797	25,901	2,463
Greece	4,768	4,768	622	...	2	...	4,771	113	4,596	62	10	1	61	...
Ireland	1,140	1,140	1	...	-2	2	1,139	21	1,064	54	0	48	6	9
Italy	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Japan	37,274	34,572	1,674	2,702	-72	...	37,202	2,919	26,427	7,855	988	24	3,049	5,797
Korea	276	276	270	...	-36	\	240	73	1	160	...	...	250	22
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	25,548	\	\	\	\	\	28,276	\	\	\	\	\	\	\
Panama	11	11	6	...	...	...	...	...	...	...	...	...	...	...
Portugal	8,909	8,909	4,479	...	-2	\	8,906	172	\	134	\	\	\	\
Spain	77,260	63,480	25,339	13,780	447	543	77,707	9,049	51,833	16,825	2,247	2,180	7,792	6,307
Sweden	356	356	86	...	-262	270	94	17	1	77	5	1	55	7
Switzerland	19,232	12,969	8,749	6,263	-956	956	18,277	3,460	6,771	7,308	1,681	2,415	4,331	1,806
Turkey	43	43	\	...	\	...	80	\	\	\	...	\	\	...
United Kingdom	31,769	20,832	5,501	10,937	862	140	32,631	3,537	7,875	21,219	5,011	9,467	33,657	25,774
United States	59,649	54,745	42,685	4,904	2,130	352	61,781	8,959	28,111	24,711	9,353	18,513	47,368	7,832
Memo: Domestic banks ²														
Worldwide offices (consolidated)	2,577,291	42,147	17,064	2,535,144	\	\	2,580,450	95,062	916,722	1,566,365	249,515	20,748	108,796	149,143

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 guarantor 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 residents of Japan

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	1,159,262	491,988	326,985	667,274	37,553	111,060	1,130,548	249,071	558,283	317,158	188,818	47,619	69,960	91,205
Of which: parents in CBS countries	1,123,261	455,987	294,425	667,274	37,553	111,060	1,130,548	249,071	558,283	317,158	188,818	47,619	69,960	91,205
Australia	39,058	17,387	14,670	21,672	2,666	4,488	41,725	8,414	26,639	6,672	3,144	1,126	459	1,272
Austria	300	300	282	...	190	2	490	389	9	92	20	0	61	1
Belgium	813	813	117	...	66	...	879	209	659	11	2	\	\	...
Brazil	1,662	209	135	1,453	60	...	...	...	...	...	...	...	...	...
Canada	53,444	41,659	28,382	\	\	\	55,853	11,125	29,376	15,352	7,062	726	47	339
Chile	21	21	5	...	...	...	21	17	...	...	...	...	...	...
Chinese Taipei	31,962	8,687	4,812	23,275	1,258	\	33,220	8,111	6,706	18,403	2,373	177	170	1,920
Finland	189	189	\	...	\	...	193	153	...	41	\	8	\	...
France	258,706	81,427	56,966	177,279	-10,779	86,851	247,927	35,455	174,106	38,366	11,124	2,566	1,815	8,499
Germany	35,996	\	\	\	-1	...	35,995	5,393	21,942	8,547	3,909	9,862	2,766	2,451
Greece	29	29	28	...	...	...	29	29	...	...	...	...	...	...
Ireland	38	38	36	...	-16	18	22	16	...	5	3	1	...	0
Italy	16,121	9,748	1,456	6,373	\	\	15,906	751	13,640	1,490	434	12	354	34
Japan	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Korea	14,029	5,608	3,900	8,421	-31	\	13,997	4,075	755	3,350	744	730	2,134	1,439
Mexico	214	214	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	15,542	8,776	\	6,767	\	\	20,144	\	\	\	\	\	\	\
Panama	163	163	105	...	...	...	...	...	...	...	...	...	...	...
Portugal	144	144	13	...	0	\	144	101	\	41	\	...	\	...
Spain	11,828	11,805	8,003	22	58	1	11,886	2,935	8,458	493	65	153	618	1
Sweden	1,679	1,679	764	...	148	1	1,827	116	232	1,479	165	30	5	0
Switzerland	23,655	23,655	17,372	...	3,871	...	\	...	...	...	...	8,990	4,029	359
Turkey	41	41	\	...	\	...	626	\	...	\	...	...	\	...
United Kingdom	177,367	58,942	17,328	118,425	17,897	3,541	195,264	45,487	85,085	64,691	57,245	16,339	11,860	3,734
United States	418,678	142,809	110,923	275,869	16,751	7,593	435,126	114,308	174,913	145,905	98,844	5,174	44,678	69,531
Memo: Domestic banks ²														
Worldwide offices (consolidated)	16,253,640	...	...	...	178,241	...	16,431,882	...	...	...	...	...	...	...

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 guarantor 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 residents of Korea

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	331,759	188,560	118,074	143,199	30,861	11,474	329,053	55,611	105,161	167,796	37,939	14,172	55,251	28,748
Of which: parents in CBS countries	310,080	166,881	100,490	143,199	30,861	11,474	329,053	55,611	105,161	167,796	37,939	14,172	55,251	28,748
Australia	4,682	3,353	2,150	1,329	534	712	5,216	1,357	2,068	1,792	410	237	1,059	382
Austria	359	359	174	...	115	71	474	337	66	69	0	...	17	44
Belgium	84	84	28	...	44	...	128	58	30	40	...	\	\	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	1,720	1,539	1,285	\	-261	\	1,459	747	\	593	\	\	\	\
Chile	43	43	43	...	...	...	43	43	...	...	...	...	...	...
Chinese Taipei	8,642	8,193	1,659	449	742	\	9,384	7,070	290	2,024	262	...	29	221
Finland	200	200	72	...	...	...	200	\	\	147	\	\	\	...
France	22,546	16,602	8,388	5,944	3,777	2,616	26,322	2,206	14,694	9,237	1,417	1,755	2,479	3,828
Germany	14,656	\	\	\	564	...	15,220	5,434	5,663	3,822	1,412	2,106	4,007	522
Greece	5	5	...	...	...	...	5	...	...	5	...	...	...	...
Ireland	0	0	...	...	...	...	0	...	...	0	...	...	...	1
Italy	378	378	268	...	\	\	626	56	456	114	83	3	1,669	11
Japan	44,357	29,530	11,121	14,827	11,711	...	56,068	5,669	9,396	41,003	8,458	967	1,616	2,071
Korea	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	6	6	3	...	...	...	...	...	...	...	...	...	...	...
Portugal	2	\	\	...	0	\	2	...	\	\	\	...	\	...
Spain	664	664	249	...	1,332	70	1,997	407	0	1,590	\	\	788	280
Sweden	279	279	193	...	68	0	347	151	17	179	36	3	4	3
Switzerland	10,183	10,183	4,364	...	1,335	...	\	...	...	...	...	2,023	370	0
Turkey	0	0	\	...	...	...	0	\	...	\	...	\	\	...
United Kingdom	78,067	26,585	16,301	51,482	3,533	2,085	81,600	14,476	22,768	44,357	4,944	2,040	16,633	7,716
United States	83,167	41,538	37,685	41,629	4,815	1,254	87,980	8,716	30,472	48,792	13,994	2,332	21,530	12,411
Memo: Domestic banks ²														
Worldwide offices (consolidated)	1,878,597	64,862	47,200	1,813,735	5,373	\	1,883,969	96,061	197,186	1,587,326	118,913	10,653	41,533	383,241

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 guarantor 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 residents of Malaysia

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	172,753	79,805	42,723	92,948	-843	9,240	161,811	27,034	33,836	100,710	8,251	1,666	26,091	25,314
Of which: parents in CBS countries	164,932	71,984	38,431	92,948	-843	9,240	161,811	27,034	33,836	100,710	8,251	1,666	26,091	25,314
Australia	2,751	2,739	854	12	-84	317	2,667	322	1,056	1,290	89	75	52	384
Austria	153	153	71	...	0	0	153	118	1	33	32	...	24	0
Belgium	11	11	7	...	...	...	10	5	...	5	...	\	\	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	\	187	136	\	\	\	\	\	\	\	\	10	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	3,943	3,857	1,849	86	306	\	4,250	3,630	15	605	83	...	145	287
Finland	\	\	\	...	...	...	\	...	...	\	...	...	...	...
France	3,271	2,224	1,013	1,047	4	187	3,275	559	877	1,840	81	103	408	378
Germany	2,791	\	\	\	-283	...	2,508	544	1,108	652	130	231	1,550	212
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	3	3	0	...	-1	1	2	0	...	2	...	...	...	0
Italy	224	224	217	...	\	\	753	4	...	750	1	\	360	12
Japan	25,629	20,316	6,549	5,313	-2,283	...	23,346	5,108	5,236	13,002	1,430	358	2,289	1,037
Korea	862	862	572	...	-12	\	850	365	9	466	52	...	317	206
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	1,427	\	\	\	\	\	1,289	\	\	\	\	\	\	\
Panama	2	2	2	...	...	...	...	...	...	...	...	...	...	...
Portugal	2	\	\	...	0	\	2	...	...	\	...	...	...	...
Spain	92	92	46	...	18	7	110	\	...	110	...	...	21	1
Sweden	\	\	\	...	\	\	\	\	...	\	...	\	\	\
Switzerland	3,292	3,292	2,470	...	-1,035	1,035	\	...	...	...	...	62	134	3
Turkey	2	2	\	...	\	...	2	\	...	\	...	\	\	...
United Kingdom	36,935	11,208	6,336	25,727	407	1,004	37,343	3,000	11,112	23,231	447	143	8,883	5,109
United States	16,725	6,310	5,565	10,415	-510	1,002	16,213	3,925	4,959	7,329	662	242	8,103	5,544
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Mexico

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	396,339	126,114	50,923	270,224	-15,986	13,579	373,966	22,860	112,381	238,309	20,703	12,191	41,040	66,672
Of which: parents in CBS countries	395,715	125,490	50,675	270,224	-15,986	13,579	373,966	22,860	112,381	238,309	20,703	12,191	41,040	66,672
Australia	146	141	49	4	0	0	146	20	0	126	0	57	8	0
Austria	111	111	42	...	-3	14	108	2	39	67	0	0	20	6
Belgium	180	180	26	...	16	\	196	6	126	64	2	...	\	...
Brazil	281	281	25	...	-205	\	...	...	...	...	...	...	...	...
Canada	\	\	\	\	-488	768	\	\	\	\	\	379	\	\
Chile	435	435	173	...	...	...	435	203	4	126	...	...	...	...
Chinese Taipei	581	581	41	...	11	\	592	44	224	324	19	...	40	1
Finland	\	\	\	...	\	\	\	\	\	\	\	...	\	...
France	11,069	9,287	3,757	1,782	-784	1,585	10,285	645	1,836	7,754	72	525	428	2,295
Germany	5,278	\	\	\	-2,065	...	3,213	505	504	1,993	121	616	451	667
Greece	40	40	...	...	...	...	40	...	28	12	...	...	...	...
Ireland	17	17	1	...	0	0	17	0	...	16	0	...	...	0
Italy	2,358	2,358	739	...	\	\	1,865	8	463	1,394	88	103	133	869
Japan	24,356	23,417	6,967	939	-5,752	...	18,604	649	7,991	9,964	1,136	303	790	4,532
Korea	2,817	2,817	1,385	...	-79	\	2,738	350	0	2,335	264	1	356	34
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	3,220	2,890	\	329	\	\	3,228	\	\	\	\	\	\	\
Panama	1,137	1,137	604	...	...	...	...	...	...	...	...	...	...	...
Portugal	368	\	\	...	-15	\	354	\	\	270	\	...	...	\
Spain	166,811	26,639	10,880	140,172	-1,842	1,843	164,969	9,789	51,215	103,965	4,505	4,733	5,323	26,980
Sweden	519	519	409	...	-193	195	326	0	...	325	...	...	7	88
Switzerland	3,445	3,445	2,133	...	918	...	\	...	...	...	...	796	174	290
Turkey	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United Kingdom	39,340	9,888	3,406	29,451	-309	395	39,030	2,264	13,199	23,567	2,299	2,000	16,903	2,761
United States	99,997	26,723	14,422	73,274	-4,510	7,318	95,477	5,493	30,490	59,494	10,907	2,534	15,658	27,300
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Netherlands

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	641,699	546,544	206,526	95,156	-51,013	50,714	508,279	119,378	83,545	294,182	103,816	75,154	93,681	116,300
Of which: parents in CBS countries	599,595	512,875	199,570	86,721	-51,013	50,714	508,279	119,378	83,545	294,182	103,816	75,154	93,681	116,300
Australia	5,145	5,145	3,164	1	452	892	5,654	2,562	807	2,285	339	794	332	1,760
Austria	6,699	6,699	1,714	...	-937	1,200	5,762	2,430	418	2,800	1,802	204	269	500
Belgium	26,739	9,164	1,891	17,575	-197	\	26,543	1,098	450	24,967	1,821	\	\	\
Brazil	1,746	1,746	447	...	-304	\	...	...	...	...	...	...	...	...
Canada	9,220	7,131	1,884	\	-281	1,639	8,939	1,544	3,197	4,113	908	\	334	2,124
Chile	33	33	25	...	...	...	33	27	...	...	...	8	...	...
Chinese Taipei	5,799	5,768	1,654	31	-1,274	\	4,526	2,824	3	1,699	138	72	5	572
Finland	3,730	3,730	639	...	1	\	3,731	929	\	1,132	37	\	\	\
France	121,883	103,783	52,863	18,100	1,806	13,908	123,689	41,763	15,533	64,482	25,241	7,674	4,692	21,079
Germany	112,073	\	\	\	-38,142	...	73,931	22,813	8,680	33,990	12,725	23,156	10,317	14,564
Greece	396	396	33	1	...	...	396	53	29	314	12	...	20	...
Ireland	2,151	2,151	330	...	30	77	2,181	1,136	221	824	188	1	0	82
Italy	19,023	18,766	4,670	\	\	\	18,082	3,851	755	13,477	5,805	612	5,314	6,651
Japan	87,668	80,833	15,507	6,834	-13,150	...	74,517	10,329	23,286	40,902	12,991	1,201	2,570	8,401
Korea	1,005	863	307	\	0	\	1,004	200	143	662	113	292	126	108
Mexico	62	62	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panama	34	34	5	...	...	...	...	...	...	...	...	...	...	...
Portugal	1,895	\	\	...	10	\	1,904	65	\	1,607	\	\	\	\
Spain	19,195	15,540	5,958	3,655	-329	553	18,866	2,177	2,848	13,841	4,197	2,427	1,836	5,116
Sweden	9,404	\	\	\	-163	172	9,242	417	859	7,966	379	211	258	1,923
Switzerland	24,457	24,457	11,215	...	6,597	...	\	...	...	...	...	5,727	2,038	3,614
Turkey	1,100	1,100	\	...	\	\	1,101	\	\	\	...	\	\	...
United Kingdom	61,738	48,548	30,639	13,190	-2,637	14,162	59,101	13,797	8,968	36,336	18,817	21,066	9,174	22,801
United States	66,874	54,010	31,208	12,864	-1,408	10,101	62,270	9,920	15,447	36,903	16,804	8,091	55,075	23,449
Memo: Domestic banks ²														
Worldwide offices (consolidated)	1,338,091	38,900	\	1,299,191	\	\	1,341,181	\	\	\	\	22,566	\	\

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and guarantor 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 residents of Poland

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	275,577	96,280	24,088	179,298	-6,514	4,691	262,265	10,512	75,681	160,089	8,834	1,679	11,101	34,153
Of which: parents in CBS countries	271,309	92,739	23,289	178,570	-6,514	4,691	262,265	10,512	75,681	160,089	8,834	1,679	11,101	34,153
Australia	176	176	102	...	-39	86	137	7	8	123	0	31	0	0
Austria	9,837	9,506	1,531	331	291	79	10,128	513	2,993	3,515	899	39	269	257
Belgium	2,111	2,111	449	...	23	\	2,134	121	1,922	92	10	\	\	\
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	216	216	\	...	\	\	215	14	\	157	\	\	\	119
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	74	74	69	...	-6	\	68	6	58	4	...	...	...	...
Finland	184	178	\	\	\	1	193	76	\	116	...	\	\	...
France	46,387	10,217	1,898	36,171	-465	1,685	45,922	498	12,349	33,052	514	333	2,216	7,078
Germany	54,975	\	\	\	-4,624	...	50,351	2,876	14,927	19,775	4,049	450	...	6,149
Greece	190	190	17	...	-8	\	182	2	171	8	...	...	...	...
Ireland	144	144	50	...	0	0	144	18	87	39	1	...	...	1
Italy	5,355	3,981	1,139	1,374	\	\	5,268	808	2,123	2,337	629	65	589	1,473
Japan	5,392	5,139	1,495	253	257	...	5,648	679	3,222	1,747	266	...	539	892
Korea	563	563	266	...	-32	\	531	35	1	418	...	...	71	33
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	40,777	7,724	\	33,053	\	\	39,683	\	\	\	\	\	\	\
Panama	1	1	1	...	...	...	...	...	...	...	...	...	...	...
Portugal	24,723	\	\	\	0	\	24,723	\	\	\	\	\	\	\
Spain	54,004	9,060	1,871	44,944	-117	137	53,887	558	13,057	40,272	467	149	3,410	6,715
Sweden	1,100	922	316	178	-52	55	1,048	7	370	671	138	0	62	6
Switzerland	904	904	669	...	-187	187	\	...	...	...	...	36	32	16
Turkey	0	0	\	...	\	...	0	\	...	\	...	...	\	...
United Kingdom	3,582	2,604	1,146	978	-103	117	3,479	946	588	1,945	158	87	736	518
United States	16,172	5,667	4,497	10,505	-356	666	15,815	1,655	7,551	6,609	923	101	953	4,301
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Russia

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	120,728	67,669	19,521	53,057	-7,479	10,236	104,587	10,112	17,343	74,382	3,716	1,971	38,499	16,415
Of which: parents in CBS countries	115,812	63,853	18,424	51,957	-7,479	10,236	104,587	10,112	17,343	74,382	3,716	1,971	38,499	16,415
Australia	8	8	1	...	-4	4	4	0	...	4	...	...	...	0
Austria	16,442	3,395	1,178	13,047	310	505	16,752	872	2,997	11,034	444	112	2,545	2,937
Belgium	155	155	110	...	-4	\	150	120	2	29	...	...	\	\
Brazil	3	3	3	...	...	...	...	...	...	...	...	...	...	...
Canada	56	56	1	...	\	\	58	\	...	57	...	...	...	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	146	146	2	...	8	...	154	111	...	43	...	...	...	...
Finland	\	\	46	\	\	\	\	\	\	\	...	\	\	...
France	25,302	11,059	1,076	14,242	-1,937	2,671	23,365	728	3,810	18,827	169	295	3,147	3,749
Germany	5,613	\	\	\	126	...	5,739	1,663	881	2,443	267	56	1,028	1,702
Greece	184	184	88	...	...	...	184	63	26	95	...	...	...	...
Ireland	1	1	1	...	...	...	1	1	...	0	...	...	...	0
Italy	\	\	\	\	\	\	23,756	1,497	3,528	18,708	463	143	7,961	3,424
Japan	9,407	7,120	493	2,287	-649	...	8,758	1,125	1,141	6,492	149	23	858	627
Korea	1,078	1,078	798	...	-16	\	1,062	91	74	845	0	...	66	18
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	6,668	5,286	\	1,382	\	\	5,320	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	146	146	13	...	33	\	180	\	\	115	...	\	\	\
Spain	975	975	189	\	-624	625	351	21	1	330	\	0	32	27
Sweden	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Switzerland	3,359	3,359	2,527	...	130	...	\	...	...	...	...	529	406	16
Turkey	227	227	\	...	\	\	192	\	\	\	...	\	\	...
United Kingdom	3,913	3,196	1,175	717	-106	206	3,807	1,170	835	1,802	32	361	10,326	686
United States	12,616	6,611	5,168	6,005	-100	779	12,513	1,545	3,328	7,640	1,886	328	11,100	2,169
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Saudi Arabia

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	97,645	95,922	40,220	1,725	-10,365	8,588	79,948	13,228	31,082	35,610	10,115	1,152	13,237	10,284
Of which: parents in CBS countries	92,252	90,529	38,976	1,725	-10,365	8,588	79,948	13,228	31,082	35,610	10,115	1,152	13,237	10,284
Australia	53	53	4	...	4	6	57	11	...	46	0	2	...	3
Austria	53	53	41	...	114	1	167	15	120	29	7	...	9	0
Belgium	55	55	42	...	-11	\	44	42	...	2	...	...	\	\
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	433	433	\	...	-224	\	209	\	\	39	\	\	...	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	683	683	92	...	41	\	725	57	458	210	...	...	...	12
Finland	\	\	\	...	...	...	\	\	...	\	...	...	...	...
France	13,309	12,647	3,083	663	-1,259	1,707	12,050	1,763	5,936	4,351	395	247	986	1,510
Germany	4,250	\	\	...	-2,016	...	2,234	331	657	1,245	30	64	912	1,237
Greece	58	58	2	...	...	...	58	1	56	2	...	...	1	...
Ireland	55	55	1	...	0	0	55	1	53	2	...	...	...	0
Italy	499	499	178	...	\	\	493	65	192	236	...	...	264	24
Japan	19,495	19,479	4,509	16	-3,555	...	15,939	815	5,394	9,730	1,806	88	1,743	2,596
Korea	3,771	3,771	392	...	-50	\	3,722	237	27	3,438	108	2	2,448	221
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	...	\	\	\	\	...	\	...	...	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	9	\	\	...	1	\	10	...	...	\	...	...	\	\
Spain	1,282	1,282	191	...	-328	328	955	813	0	141	\	\	119	18
Sweden	743	743	344	...	-466	467	277	177	...	99	...	...	18	0
Switzerland	3,247	3,247	2,375	...	-1,334	1,334	\	...	...	...	...	21	196	22
Turkey	45	21	\	\	\	...	45	\	\	\	\	...	\	...
United Kingdom	18,611	18,611	10,720	...	-834	1,171	17,777	4,670	3,874	9,233	5,653	157	3,274	1,613
United States	23,999	22,977	13,738	1,022	-502	2,559	23,498	4,010	14,099	5,389	2,044	562	2,880	2,332
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Singapore

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	534,789	351,966	241,817	182,823	-45,310	66,916	464,721	58,146	145,105	256,787	43,517	12,504	53,360	58,355
Of which: parents in CBS countries	510,355	327,567	227,090	182,789	-45,310	66,916	464,721	58,146	145,105	256,787	43,517	12,504	53,360	58,355
Australia	33,320	22,598	17,183	10,722	-2,823	6,423	30,497	7,654	10,744	12,100	3,923	668	2,055	2,560
Austria	524	517	429	7	-19	93	505	38	7	459	86	0	144	136
Belgium	696	243	213	453	-36	\	659	56	419	182	...	...	\	\
Brazil	179	179	65	...	-91	\	...	...	...	...	...	...	...	...
Canada	14,148	11,119	5,367	3,030	-1,444	\	12,704	2,927	2,786	6,770	2,568	225	30	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	16,141	14,306	9,563	1,835	-6,499	\	9,642	2,750	746	6,146	777	112	75	5,626
Finland	\	\	\	\	...	...	\	\	\	\	...	\	...	...
France	44,585	31,369	12,329	13,217	-6,628	13,141	37,957	5,782	14,293	17,872	446	715	8,943	6,343
Germany	24,804	18,170	15,506	6,634	3,054	...	27,858	4,456	3,920	18,044	3,725	3,615	2,698	4,643
Greece	7	7	...	...	...	...	7	...	...	7	...	...	...	...
Ireland	143	143	4	...	22	0	165	128	...	38	0	...	...	0
Italy	2,341	2,181	1,471	159	\	\	2,246	84	136	2,016	43	14	1,310	223
Japan	82,738	52,387	24,569	30,351	-12,648	...	70,089	4,086	18,933	47,070	7,573	458	7,016	8,597
Korea	4,325	3,929	2,499	396	-116	\	4,209	2,056	267	1,805	492	343	1,549	379
Mexico	51	51	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	24,449	22,244	\	2,206	\	\	22,554	\	\	\	\	\	\	\
Panama	1	1	1	...	...	...	...	...	...	...	...	...	...	...
Portugal	59	\	\	...	1	\	60	\	...	35	\	...	\	...
Spain	1,812	1,671	1,387	\	-646	690	1,166	89	138	939	10	\	829	245
Sweden	1,141	838	640	303	-9	44	1,133	273	260	599	12	21	103	126
Switzerland	37,076	26,222	23,103	10,854	-10,569	10,569	26,507	5,285	7,731	11,393	2,829	1,512	7,989	862
Turkey	0	0	\	...	\	...	0	\	...	\	...	...	\	...
United Kingdom	121,154	57,136	41,047	64,018	1,255	9,647	122,409	13,153	36,422	72,833	7,395	1,977	4,853	9,873
United States	89,091	53,638	48,195	35,453	-4,207	7,770	84,906	7,287	45,325	32,294	11,078	1,516	3,883	16,174
Memo: Domestic banks ²														
Worldwide offices (consolidated)	401,813	81,213	\	320,600	-5,046	28,278	396,767	4,559	55,687	336,384	32,694	2,628	19,069	115,927

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 guarantor 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 residents of South Africa

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	62,015	41,863	16,166	20,151	-835	3,579	56,930	12,724	11,668	32,515	6,500	5,234	21,577	5,963
Of which: parents in CBS countries	59,176	39,024	15,298	20,151	-835	3,579	56,930	12,724	11,668	32,515	6,500	5,234	21,577	5,963
Australia	299	298	207	1	38	33	337	30	...	307	12	54	98	343
Austria	207	207	47	...	299	38	506	110	324	71	35	...	1	9
Belgium	21	21	14	...	...	\	20	10	...	10	...	\	\	...
Brazil	1	1	...	...	...	...	...	...	...	...	...	...	...	...
Canada	157	157	\	...	\	\	184	\	\	59	...	72	...	362
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	459	375	157	84	64	\	524	407	45	72	10	...	2	21
Finland	12	12	2	...	...	...	12	3	...	\	...	...	...	...
France	5,022	3,018	321	2,003	-370	1,331	4,652	376	1,407	2,868	63	123	722	314
Germany	4,578	\	\	\	-715	...	3,863	619	1,083	2,158	441	2,472	83	477
Greece	16	16	4	...	...	...	15	2	6	7	...	...	...	...
Ireland	40	40	3	...	-1	1	39	2	...	37	1	...	...	4
Italy	939	939	12	...	\	\	993	45	105	843	242	\	252	83
Japan	11,105	11,105	2,094	...	-21	...	11,084	1,764	1,935	7,386	1,654	10	208	976
Korea	185	185	175	...	...	...	185	34	0	150	...	...	36	0
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	791	\	\	...	\	\	803	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	1,201	\	\	\	22	\	1,223	\	\	854	...	\	\	\
Spain	252	252	96	...	-28	28	224	11	0	213	\	\	9	97
Sweden	107	107	99	...	-63	82	44	1	...	43	...	1	2	1
Switzerland	734	734	496	...	345	...	\	...	...	...	...	163	92	48
Turkey	3	3	\	...	\	...	3	\	...	\	...	...	\	...
United Kingdom	13,754	8,552	3,663	5,202	-339	919	13,415	5,644	2,870	4,902	605	1,344	9,326	910
United States	17,564	7,185	5,202	10,379	26	763	17,591	2,396	3,727	11,468	3,261	977	9,943	2,100
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Spain

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	458,657	345,024	112,405	113,634	11,729	21,841	435,699	69,573	167,003	188,847	25,670	31,089	72,063	64,150
Of which: parents in CBS countries	429,796	318,999	109,792	110,798	11,729	21,841	435,699	69,573	167,003	188,847	25,670	31,089	72,063	64,150
Australia	884	884	527	...	330	67	1,214	809	...	405	...	331	252	46
Austria	4,736	4,736	2,131	...	314	194	5,050	1,878	1,836	1,332	328	129	119	719
Belgium	5,985	5,814	1,743	172	139	\	6,124	1,773	3,469	872	532	\	\	\
Brazil	782	701	430	81	-126	\	...	...	...	...	...	...	...	...
Canada	\	\	\	...	124	\	2,958	\	\	1,663	\	939	240	\
Chile	115	115	82	...	...	...	115	48	...	...	...	40	...	...
Chinese Taipei	299	299	87	...	78	\	377	209	15	153	...	15	2	33
Finland	317	317	\	...	\	...	320	31	\	124	...	\	...	6
France	100,089	62,455	31,049	37,634	6,125	15,440	106,214	19,258	32,535	53,840	3,977	4,670	5,568	21,189
Germany	66,080	41,417	10,352	24,663	457	...	66,537	9,140	20,198	27,634	5,339	6,285	17,588	4,088
Greece	1,111	1,111	127	...	...	...	1,111	45	1,021	44	42	...	2	...
Ireland	2,724	2,724	227	...	69	56	2,793	188	2,110	496	155	14	3	161
Italy	64,177	60,804	11,655	3,373	\	\	64,182	8,718	44,501	10,963	1,861	832	2,604	6,468
Japan	38,776	37,935	1,916	841	1,495	...	40,271	3,931	26,532	9,807	669	234	627	3,535
Korea	321	321	225	...	...	...	321	147	12	162	...	5	73	1
Mexico	308	308	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	41,744	\	\	\	\	\	41,436	\	\	\	\	\	\	\
Panama	158	158	79	...	...	...	...	...	...	...	...	...	...	...
Portugal	18,778	11,413	3,303	7,365	394	\	19,172	2,024	\	7,656	\	\	\	\
Spain	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sweden	1,247	1,247	190	...	-810	811	438	135	...	302	5	73	99	137
Switzerland	9,606	7,139	4,359	2,467	1,504	...	11,111	3,236	1,916	5,910	799	1,854	472	1,116
Turkey	12	12	\	...	\	...	12	\	...	\	...	\	\	...
United Kingdom	21,579	20,528	8,520	1,051	121	1,049	21,700	7,585	4,861	9,255	1,452	10,615	13,055	13,518
United States	42,040	39,622	26,626	2,418	1,816	1,694	43,855	8,079	10,317	25,459	8,085	2,654	28,057	7,856
Memo: Domestic banks ²														
Worldwide offices (consolidated)	1,756,932	24,267	11,578	1,732,665	18,133	1,097	1,775,065	68,500	416,357	1,290,207	97,121	34,380	165,544	242,232

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 guarantor 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 residents of Sweden

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	366,224	200,254	76,694	165,970	-6,645	6,664	272,644	76,662	26,105	167,886	20,783	12,937	23,293	39,092
Of which: parents in CBS countries	361,987	196,488	75,778	165,499	-6,645	6,664	272,644	76,662	26,105	167,886	20,783	12,937	23,293	39,092
Australia	1,205	1,205	638	...	250	60	1,455	246	636	573	6	45	193	172
Austria	1,954	1,937	494	17	275	149	2,230	1,087	406	714	304	5	28	201
Belgium	779	779	99	...	-2	\	776	443	45	288	160	\	...	\
Brazil	214	214	80	...	-30	\	...	...	...	...	...	...	...	...
Canada	7,804	7,804	3,662	...	\	\	7,819	2,056	3,338	1,367	851	233	124	368
Chile	0	0	...	...	...	...	0	0	...	...	...	...	...	...
Chinese Taipei	949	949	87	...	-22	\	928	833	1	94	50	...	51	2
Finland	\	27,951	7,792	\	42	71	\	17,686	\	\	\	\	\	623
France	26,716	25,046	15,542	1,670	-59	598	26,657	12,656	1,363	12,639	868	645	1,237	7,395
Germany	34,167	\	\	\	-6,579	...	27,588	18,984	1,017	6,992	1,713	3,855	1,864	3,851
Greece	138	138	67	...	...	...	138	60	55	23	17	...	2	...
Ireland	1,637	1,637	137	...	-77	77	1,560	1,111	...	449	403	...	...	1
Italy	1,991	1,991	216	...	\	\	2,065	852	76	1,137	354	28	626	1,030
Japan	14,822	14,822	1,777	...	339	...	15,161	5,256	3,624	6,280	675	19	454	1,962
Korea	285	285	187	...	...	...	285	70	1	213	94	...	40	18
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	5,546	\	\	\	\	\	5,675	\	\	\	\	\	\	\
Panama	5	5	2	...	...	...	...	...	...	...	...	...	...	...
Portugal	100	100	5	...	3	\	103	48	\	54	\	...	\	\
Spain	6,328	1,919	735	4,409	11	44	6,340	659	277	5,404	234	85	104	872
Sweden	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Switzerland	7,025	7,025	3,364	...	56	...	\	...	...	...	...	414	131	551
Turkey	79	79	\	...	\	\	79	\	\	\	...	...	\	...
United Kingdom	11,440	11,366	3,435	74	-381	580	11,059	1,927	2,707	6,425	4,516	1,881	2,611	7,040
United States	22,772	22,553	17,956	219	-660	3,222	22,118	8,407	2,107	11,604	5,084	546	14,777	7,535
Memo: Domestic banks ²														
Worldwide offices (consolidated)	605,077	29,313	21,112	575,764	11,702	290	616,779	43,472	83,458	489,750	14,297	8,709	13,319	36,203

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 guarantor 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 residents of Switzerland

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	410,969	308,117	198,482	102,851	6,319	18,389	394,475	65,096	136,470	184,818	30,127	30,844	85,178	78,052
Of which: parents in CBS countries	397,406	294,563	189,334	102,842	6,319	18,389	394,475	65,096	136,470	184,818	30,127	30,844	85,178	78,052
Australia	4,096	4,086	3,631	11	801	880	4,897	2,141	462	2,294	531	1,402	1,340	1,554
Austria	13,629	12,316	10,367	1,313	-219	739	13,410	1,041	8,174	3,484	890	91	1,023	1,105
Belgium	1,119	1,043	680	75	-117	\	1,001	407	39	515	71	\	\	\
Brazil	3,584	3,255	2,806	329	-233	\	...	...	...	...	...	...	...	...
Canada	11,403	4,638	3,184	\	416	106	11,819	932	\	4,125	1,891	1,672	295	2,444
Chile	44	44	40	...	...	...	44	4	...	...	...	4	...	...
Chinese Taipei	1,148	1,148	632	...	1,552	\	2,701	2,149	12	540	196	620	3	142
Finland	683	683	48	...	\	\	696	28	...	668	\	270	...	26
France	76,813	40,837	17,981	35,976	1,280	4,326	78,093	9,261	26,962	41,867	1,514	2,548	8,954	15,322
Germany	77,259	72,833	49,296	4,426	-7,705	...	69,554	14,814	29,518	18,067	2,813	3,087	10,291	9,582
Greece	185	185	151	...	5	...	190	157	...	33	2	17	5	...
Ireland	350	350	22	...	21	5	371	121	1	248	12	42	0	36
Italy	17,528	11,613	6,145	5,915	\	\	17,414	2,759	670	13,968	1,581	568	5,454	4,164
Japan	33,385	33,385	7,706	...	2,430	...	35,816	6,645	331	28,840	4,879	1,450	2,578	5,271
Korea	640	640	327	...	-40	\	600	198	60	341	167	298	185	269
Mexico	15	15	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	35,666	35,202	\	464	\	\	36,419	\	\	\	\	\	\	\
Panama	403	403	315	...	...	...	...	...	...	...	...	...	...	...
Portugal	1,373	\	\	\	460	\	1,832	199	\	1,427	\	\	\	\
Spain	9,183	6,992	3,929	2,191	158	435	9,340	890	1,267	7,183	461	769	1,218	3,992
Sweden	2,012	\	\	...	-95	124	1,917	510	261	1,145	110	335	1,434	1,293
Switzerland	...	...	\	...	...	...	...	...	...	...	...	...	...	...
Turkey	470	470	\	...	\	...	503	\	\	\	...	\	\	...
United Kingdom	38,834	18,014	13,888	20,820	1,130	1,456	39,965	6,276	22,928	10,760	2,922	9,517	8,516	9,944
United States	56,571	32,294	26,305	24,277	5,780	3,559	62,354	9,108	28,121	25,125	8,189	5,583	31,268	16,527
Memo: Domestic banks ²														
Worldwide offices (consolidated)	1,442,806	77,282	65,426	1,365,524	55,140	...	1,497,945	170,690	355,228	143,823	47,190	21,160	31,558	48,607

¹ For foreign banks and banks with parents in CBS-reporting countries, F plus Q does not sum to U because F is reported by a larger sample of banks; for the latest quarter, immediate counterparty data are reported by banks in 31 countries and guarantor 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 residents of Thailand

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	182,018	54,533	24,215	127,485	-8,102	4,260	157,933	16,577	34,514	106,569	7,395	3,699	10,495	19,687
Of which: parents in CBS countries	168,714	41,230	20,036	127,485	-8,102	4,260	157,933	16,577	34,514	106,569	7,395	3,699	10,495	19,687
Australia	1,534	955	502	580	-174	319	1,361	139	243	979	67	106	33	95
Austria	110	110	10	...	25	6	135	131	1	2	0	...	0	13
Belgium	52	52	17	...	-2	\	49	17	...	32	...	\	\	...
Brazil	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Canada	\	\	\	\	-1	\	\	\	...	\	\	48	\	\
Chile	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chinese Taipei	2,410	1,740	295	670	606	\	3,015	992	57	1,966	602	1	68	507
Finland	8	8	1	...	...	...	8	\	...	7	...	...	...	...
France	2,062	1,165	692	897	-105	107	1,957	209	688	1,060	38	290	766	6
Germany	3,104	\	\	\	13	...	3,117	1,198	497	1,162	76	425	251	76
Greece	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ireland	3	3	2	...	2	...	6	2	...	3	...	...	...	0
Italy	24	24	20	...	\	\	59	17	0	42	0	\	74	6
Japan	104,272	17,494	5,519	86,779	-6,910	...	97,362	5,122	18,262	73,978	4,890	1,254	3,819	4,077
Korea	335	335	282	...	-14	\	322	158	29	121	...	...	289	35
Mexico	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	...	\	\	\	\	...	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	\	\	\	...	\	\	\	\	...	\	...	...	...	...
Spain	77	77	68	...	-67	67	10	5	1	5	...	\	18	1
Sweden	175	175	165	...	-53	54	122	43	0	79	...	12	14	10
Switzerland	3,780	3,780	2,776	...	-1,127	1,127	\	...	...	...	...	37	148	12
Turkey	0	0	\	...	...	...	0	\	...	\	...	...	\	...
United Kingdom	12,629	4,278	2,495	8,351	-449	815	12,179	1,287	5,779	5,114	472	780	1,553	365
United States	14,079	4,065	3,712	10,014	-295	466	13,782	1,424	6,334	6,024	423	542	1,782	7,099
Memo: Domestic banks ²	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worldwide offices (consolidated)	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 guarantor 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 residents of Turkey

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	199,877	140,495	65,943	59,381	-15,930	11,976	162,956	30,371	35,752	96,096	7,735	3,699	50,085	16,623
Of which: parents in CBS countries	184,065	124,684	58,781	59,380	-15,930	11,976	162,956	30,371	35,752	96,096	7,735	3,699	50,085	16,623
Australia	13	13	9	...	-1	1	13	2	...	11	7	...	...	0
Austria	641	641	293	...	-96	307	545	182	79	283	98	1	92	29
Belgium	511	511	457	...	-70	\	442	402	5	35	...	\	\	\
Brazil	1	1	1	...	...	...	...	...	...	...	...	...	...	...
Canada	360	360	\	...	\	\	241	\	\	9	...	\	\	\
Chile	12	12	12	...	...	...	12	...	...	...	...	...	...	...
Chinese Taipei	417	417	204	...	-6	\	411	326	15	70	5	...	...	1
Finland	\	\	14	...	...	...	\	\	...	\	...	\	\	...
France	27,743	15,610	3,630	12,133	-3,985	4,315	23,758	1,802	5,711	16,215	394	400	4,360	2,266
Germany	13,876	\	\	...	-3,886	...	9,990	3,477	2,085	3,747	678	284	888	1,473
Greece	18	16	6	2	-2	\	16	3	7	7	...	1	21	...
Ireland	56	56	55	...	...	...	56	53	...	3	...	...	...	0
Italy	11,356	11,228	3,998	\	\	\	12,046	5,075	702	6,270	3,146	261	1,250	928
Japan	11,694	11,438	5,165	256	-3,637	...	8,057	3,043	1,079	3,935	907	78	317	143
Korea	1,919	1,919	573	...	-123	\	1,796	590	7	1,187	173	83	1,005	536
Mexico	16	16	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands	\	\	\	\	\	\	\	\	\	\	\	\	\	\
Panama	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Portugal	237	\	\	...	0	\	237	\	\	87	...	...	\	...
Spain	65,002	28,973	13,604	\	-1,046	1,080	63,956	1,292	18,720	43,944	\	\	9,649	9,170
Sweden	869	869	500	...	-425	429	445	98	5	341	142	...	54	3
Switzerland	4,823	4,823	3,063	...	-277	277	\	...	...	...	...	264	1,347	350
Turkey	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United Kingdom	15,863	12,757	7,582	3,106	-960	1,758	14,903	5,649	3,064	6,191	314	964	18,372	896
United States	11,128	9,471	6,914	1,657	-140	750	10,985	4,756	2,551	3,678	479	820	11,068	215
Memo: Domestic banks ²														
Worldwide offices (consolidated)	511,676	511,676	148,689	...	-212	\	511,464	99,602	63,044	286,311	5,522	2,870	21,621	8,038

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 guarantor 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 residents of United Kingdom

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	2,691,132	1,647,167	887,009	1,043,966	-67,979	207,986	2,272,475	458,644	406,865	1,376,928	465,356	738,750	297,468	392,439
Of which: parents in CBS countries	2,387,360	1,343,395	856,522	1,043,966	-67,979	207,986	2,272,475	458,644	406,865	1,376,928	465,356	738,750	297,468	392,439
Australia	62,809	32,032	23,347	30,777	-4,269	23,986	58,541	9,794	21,552	27,195	14,924	17,928	3,003	12,712
Austria	14,445	14,311	9,660	134	-1,501	2,517	12,944	3,528	279	7,969	5,537	11,497	1,105	860
Belgium	18,037	16,486	7,461	1,551	-473	\	17,565	6,523	738	10,264	2,404	\	\	\
Brazil	17,960	17,940	15,248	20	724	...	...	...	...	...	...	...	...	...
Canada	138,081	75,860	42,969	62,222	-60	7,662	138,021	23,444	13,579	98,067	60,240	26,048	2,943	16,513
Chile	1,286	1,286	398	...	...	...	1,286	563	...	102	...	1,004	...	...
Chinese Taipei	13,634	12,876	5,406	758	-5,677	\	7,957	5,348	64	2,545	634	2,218	8	174
Finland	10,269	10,207	7,208	\	\	\	10,252	3,405	\	\	1,581	16,167	\	\
France	220,772	181,488	120,105	39,284	7,111	44,947	227,883	82,504	38,624	106,018	26,397	20,654	17,640	48,973
Germany	285,534	240,229	180,144	45,305	15,559	...	301,093	108,734	23,407	159,594	36,215	273,977	24,370	40,364
Greece	7,958	7,456	4,351	502	-27	\	7,931	4,348	...	3,582	1,409	640	40	65
Ireland	60,337	8,654	2,079	51,684	-570	1,618	59,767	2,394	9,779	47,594	508	2,194	156	5,206
Italy	56,500	53,087	35,667	3,413	\	\	48,754	18,470	3,045	27,236	18,933	28,545	13,558	19,690
Japan	202,297	145,586	39,455	56,712	617	...	202,914	34,447	51,843	116,624	37,019	14,538	12,880	40,863
Korea	4,922	4,669	2,006	253	-16	\	4,906	2,612	57	2,233	628	578	1,035	1,091
Mexico	222	222	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	106,784	91,646	\	15,138	\	\	97,303	\	\	\	\	\	\	\
Panama	111	111	45	...	...	...	...	...	...	...	...	...	...	...
Portugal	1,810	1,810	586	1	287	\	2,097	784	\	1,286	\	\	\	\
Spain	434,152	53,398	36,313	380,754	-949	1,507	433,203	34,144	55,403	343,656	30,795	47,849	8,610	63,082
Sweden	46,641	\	\	\	-739	1,006	45,902	5,048	9,158	31,674	1,272	16,773	1,947	3,310
Switzerland	173,560	125,794	79,488	47,765	-30,962	30,962	142,597	42,853	29,807	56,797	30,432	51,066	63,896	7,434
Turkey	3,572	3,564	\	\	\	\	2,511	\	\	\	\	\	\	...
United Kingdom	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United States	428,010	184,511	131,565	243,499	-16,343	39,671	411,658	34,824	132,243	244,591	162,429	49,333	135,533	113,648
Memo: Domestic banks ²														
Worldwide offices (consolidated)	2,685,897	236,443	189,856	2,449,454	18,274	39,625	2,704,171	93,892	453,901	2,156,379	350,706	298,659	60,007	383,735

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 guarantor 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 residents of United States

Amounts outstanding, in millions of US dollars

Table B4

Nationality of reporting bank	Claims											Other potential exposures (not included in claims) on a guarantor basis		
	Claims on an immediate counterparty basis (F) ¹				Risk transfers		Claims on a guarantor basis (U=F+Q) ¹							
	Total	International		Local positions in local currencies	Net risk transfers (Q) ¹	Of which: outward risk transfers	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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Foreign banks	6,238,539	3,000,476	1,144,217	3,238,060	224,125	323,832	6,335,915	439,399	1,947,848	3,887,714	1,676,595	440,348	591,285	1,599,035
Of which: parents in CBS countries	6,151,275	2,913,213	1,097,376	3,238,060	224,125	323,832	6,335,915	439,399	1,947,848	3,887,714	1,676,595	440,348	591,285	1,599,035
Australia	89,834	41,423	18,123	48,411	8,646	21,445	98,480	7,724	57,296	33,461	18,479	6,526	4,932	23,236
Austria	9,698	7,421	4,182	2,277	635	434	10,333	1,346	1,922	7,033	1,799	577	2,011	635
Belgium	10,464	7,957	4,429	2,507	-108	\	10,356	5,579	2,350	2,419	484	\	\	\
Brazil	16,401	12,066	7,388	4,335	735	\	...	...	...	...	...	...	...	...
Canada	1,208,847	294,087	126,083	914,760	\	41,921	1,213,702	56,790	298,757	853,980	370,497	34,014	42,382	331,805
Chile	7,979	2,962	986	5,018	-195	\	7,784	5,547	1,014	432	...	489	...	...
Chinese Taipei	59,470	36,658	11,698	22,812	-4,325	\	55,145	10,115	13,231	31,799	6,786	684	209	5,810
Finland	\	\	\	\	\	...	\	588	\	\	205	\	...	\
France	513,600	233,387	114,330	280,213	40,280	157,770	553,880	38,090	263,961	251,509	82,500	16,429	34,115	224,947
Germany	443,713	212,350	112,890	231,363	-40,352	...	403,361	17,517	144,516	213,410	83,189	118,131	42,183	120,989
Greece	1,103	1,103	714	...	9	...	1,112	680	32	398	260	55	24	...
Ireland	8,045	6,854	418	1,191	411	178	8,456	739	1,064	6,652	515	248	67	753
Italy	51,360	39,019	12,907	12,341	\	\	54,853	3,165	25,419	26,238	12,860	3,076	34,655	17,363
Japan	1,535,906	1,015,260	85,350	520,647	184,375	...	1,720,282	110,327	517,921	1,092,033	429,040	10,330	41,594	274,935
Korea	35,707	27,023	17,379	8,684	-435	\	35,272	12,319	4,568	15,908	3,489	1,749	6,434	2,112
Mexico	5,341	5,341	\	...	...	...	...	...	...	...	...	...	...	...
Netherlands	258,111	118,647	\	139,464	\	\	260,187	\	\	\	\	\	\	\
Panama	6,840	6,840	2,492	...	...	...	...	...	...	...	...	...	...	...
Portugal	1,741	1,740	631	2	73	\	1,814	599	\	873	\	\	\	\
Spain	267,268	55,839	27,818	211,429	-196	1,056	267,072	21,033	57,024	189,015	22,356	17,523	9,912	80,051
Sweden	35,890	12,035	3,810	23,855	-4,038	4,170	31,853	2,251	24,799	4,803	970	1,037	448	3,881
Switzerland	475,298	196,710	120,281	278,588	57,958	...	533,256	57,916	153,586	297,717	145,943	74,557	140,254	87,239
Turkey	4,979	4,696	\	\	\	\	5,530	\	\	\	\	\	\	...
United Kingdom	966,104	489,068	278,672	477,035	-9,523	44,705	956,580	54,463	293,888	608,228	435,793	133,825	193,505	364,427
United States	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Memo: Domestic banks ²														
Worldwide offices (consolidated)	11,373,359	390,430	215,564	10,982,92	48,145	319,586	11,431,35	301,330	2,504,474	8,625,549	3,191,882	129,950	873,456	5,481,215
				9			3							

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 guarantor 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 combined with the debt securities statistics, they can help infer the holdings of

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.

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
All countries	...	...	...	...	...	...	...	...	24,638	17,185	6,994	3,795	1,947
Developed countries	...	...	...	...	...	...	...	...	17,235	13,594	6,065	2,975	665
Austria	509	175	47	287	...	...	...	...	269	126	92	44	99
Belgium	749	205	70	474	...	...	...	...	169	93	21	53	22
Cyprus	25	10	0	15	...	...	...	...	26	15	2	1	9
Estonia	3	1	1	0	...	...	...	...	2	1	1	1	0
Finland	374	207	37	129	...	...	...	...	198	164	88	22	12
France	4,693	1,673	704	2,316	...	...	...	...	1,455	1,046	652	402	8
Germany	3,600	1,592	202	1,806	...	...	...	...	1,305	1,002	514	209	93
Greece	105	21	1	83	...	...	...	...	48	30	25	2	16
Ireland	809	632	18	159	...	...	...	...	853	815	84	17	21
Italy	3,226	758	162	2,306	...	...	...	...	821	571	255	159	91
Latvia	12	1	0	11	...	...	...	...	14	1	0	...	13
Lithuania	19	0	1	17	...	...	...	...	14	...	...	1	13
Luxembourg	1,032	996	27	9	...	...	...	...	869	767	140	99	4
Malta	11	5	1	6	...	...	...	...	2	1	...	1	...
Netherlands	2,173	1,647	159	368	...	...	...	...	2,073	1,870	647	203	0
Portugal	297	76	33	188	...	...	...	...	55	33	13	9	12
Slovakia	59	12	4	43	...	...	...	...	13	1	1	3	8
Slovenia	33	1	1	32	...	...	...	...	9	1	0	...	8
Spain	1,983	649	129	1,205	...	...	...	...	525	467	160	47	11
Denmark	809	659	27	123	686	560	3	122	127	104	61	24	...
Iceland	...	...	...	...	20	11	3	6	15	11	8	1	3
Liechtenstein	...	...	...	...	...	...	...	...	2	2	2	0	...
Norway	456	297	84	75	228	113	41	75	250	204	192	47	...
Sweden	685	535	17	133	388	280	17	91	489	346	186	93	49
Switzerland	...	...	...	...	386	198	75	114	92	76	42	16	...
United Kingdom	5,834	2,577	503	2,750	...	...	...	...	3,155	2,749	1,393	388	19
Australia	1,910	1,044	201	665	1,373	671	40	661	607	538	339	66	2
Canada	3,313	1,488	580	1,245	2,280	866	340	1,074	967	552	342	278	138
Japan	12,767	2,547	725	9,495	12,366	2,262	614	9,490	445	328	235	111	6
New Zealand	...	...	...	...	53	...	...	53	25	12	9	10	3
United States	40,177	14,532	6,499	18,933	...	...	...	...	2,343	1,669	562	669	4
Offshore centres	...	...	...	...	...	...	...	...	3,027	2,808	420	135	83
Aruba	...	...	...	...	...	...	...	...	3	2	2	...	0
Bahamas	...	...	...	...	...	...	...	...	12	8	6	2	2
Bahrain	...	...	...	...	...	...	...	...	26	4	2	5	17
Barbados	...	...	...	...	...	...	...	...	2	1	0	...	1
Bermuda	...	...	...	...	...	...	...	...	119	101	2	15	3
Cayman Islands	...	...	...	...	...	...	...	...	1,908	1,897	98	7	4

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	
Curaçao	2	2	2	...	...
Gibraltar	0	0	...	0	...
Hong Kong SAR	510	313	44	153	...	...	...	...	334	286	160	44	4
Lebanon	53	0	...	53	37	0	...	...	37
Macau SAR	21	21	21	...	...
Mauritius	5	4	...	1	...
Panama	26	9	5	2	15
Singapore	468	222	151	96	96	...	...	96	183	150	108	33	...
West Indies UK	333	306	4	26	...
Developing countries	2,665	782	509	684	1,199
Developing Africa and Middle East	538	116	80	100	322
Algeria
Angola	6	...	...	...	6
Benin	1	...	...	...	1
Botswana
Cameroon	1	...	...	...	1
Chad
Congo
Congo Democratic Republic
Côte d'Ivoire	8	...	...	...	8
Egypt	29	...	...	...	29
Ethiopia	1	...	...	...	1
Gabon	3	1	...	...	3
Ghana	10	...	...	...	10
Guinea
Iran
Iraq	6	...	...	0	6
Israel	269	35	67	168	237	35	59	142	38	3	...	15	20
Jordan	6	...	...	...	6
Kenya	6	...	...	...	6
Kuwait	11	4	3	0	6
Lesotho
Liberia	1	...	...	1	...
Libya
Malawi
Mali
Morocco	7	...	...	3	4
Mozambique	1	...	...	...	1
Namibia	1	...	...	...	1
Niger

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19
Nigeria	21	6	2	0	15
Oman	30	5	3	1	24
Qatar	54	7	2	5	42
Rwanda	0	...	...	...	0
Saudi Arabia	92	...	...	92	92	...	...	92	109	5	1	27	76
Senegal	4	...	...	...	4
Seychelles	0	...	...	...	0
South Africa	250	44	23	183	35	7	3	11	18
Sudan
Tanzania	1	...	...	...	1
Tunisia	7	5	...	...	2
Uganda
United Arab Emirates	136	74	65	37	25
Yemen
Zambia	4	...	...	...	4
Zimbabwe
Developing Asia and Pacific	827	436	260	206	186
Armenia	1	...	...	...	1
Azerbaijan	8	1	1	6	1
Bangladesh
Brunei
China	13,810	5,171	3,284	5,356	13,335	4,948	3,225	5,163	222	163	89	40	18
Chinese Taipei	362	52	128	182	17	13	12	4	...
Fiji	0	...	...	...	0
French Polynesia
Georgia	3	1	1	1	1
India	904	...	...	904	54	23	10	31	0
Indonesia	239	39	19	181	127	29	2	26	72
Kazakhstan	23	4	4	9	11
Korea	1,699	526	529	644	200	136	112	57	7
Kyrgyz Republic
Laos	4	...	...	2	2
Malaysia	410	43	174	193	371	34	148	188	54	43	19	4	6
Marshall Islands	10	2	...	8	...
Mongolia	7	2	2	0	5
Myanmar	0	...	...	0	...
Nauru
New Caledonia
North Korea
Pakistan	87	...	...	87	7	2	...	...	5

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	
Papua New Guinea	...	...	...	...	...	...	...	...	1	...	...	...	1
Philippines	163	14	14	134	103	...	...	103	51	10	7	7	34
Sri Lanka	...	...	...	...	...	...	...	...	17	0	0	0	17
Tajikistan	...	...	...	...	...	...	...	...	1	...	...	...	1
Thailand	440	173	108	159	426	168	99	159	17	6	2	10	...
Turkmenistan	...	...	...	...	...	...	...	...	...	...	...	...	...
Uzbekistan	...	...	...	...	...	...	...	...	1	...	...	...	1
Vietnam	...	...	...	...	...	...	...	...	3	0	...	1	2
Developing Europe	...	...	...	...	...	...	...	...	446	116	106	54	276
Albania	...	...	...	...	...	...	...	...	2	...	...	...	2
Belarus	...	...	...	...	...	...	...	...	4	1	1	0	3
Bulgaria	14	1	2	12	...	...	...	...	9	0	0	1	8
Croatia	38	0	2	35	20	0	1	19	17	0	0	1	16
Czech Republic	229	138	16	74	...	...	...	...	29	9	9	12	8
Hungary	115	8	2	105	95	6	1	87	23	5	4	1	16
Moldova	...	...	...	...	...	...	...	...	...	...	...	...	...
Montenegro	...	...	...	...	...	...	...	...	1	...	...	...	1
North Macedonia	...	...	...	...	...	...	...	...	2	...	...	...	2
Poland	325	48	28	249	...	...	...	...	75	12	10	1	61
Romania	...	...	...	...	...	...	...	...	29	0	0	...	29
Russia	529	151	187	191	367	106	110	150	94	27	22	26	41
Serbia	...	...	...	...	...	...	...	...	5	...	...	...	5
Turkey	259	60	9	190	137	18	2	117	146	60	58	10	76
Ukraine	...	...	...	...	...	...	...	...	10	1	1	...	8
Developing Latin America & Caribbean	...	...	...	...	...	...	...	...	855	115	63	324	416
Argentina	233	25	19	190	102	0	...	102	119	3	2	18	98
Belize	...	...	...	...	...	...	...	...	...	...	...	...	...
Bolivia	...	...	...	...	...	...	...	...	4	0	0	...	4
Brazil	...	...	...	...	2,166	582	112	1,472	115	36	22	32	48
Chile	287	120	81	86	...	...	...	...	83	13	11	53	17
Colombia	...	...	...	...	100	...	2	98	55	11	7	14	30
Costa Rica	...	...	...	...	...	...	...	...	7	1	1	2	4
Cuba	...	...	...	...	...	...	...	...	...	...	...	...	...
Dominican Republic	...	...	...	...	...	...	...	...	19	1	0	1	17
Ecuador	...	...	...	...	...	...	...	...	19	0	...	1	18
El Salvador	...	...	...	...	...	...	...	...	7	0	...	0	6
Grenada	...	...	...	...	...	...	...	...	...	...	...	...	...
Guatemala	...	...	...	...	...	...	...	...	6	1	1	1	4
Haiti	...	...	...	...	...	...	...	...	...	...	...	...	...
Honduras	...	...	...	...	...	...	...	...	2	0	...	...	2

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 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	Q2 19	
Jamaica	9	...	...	3	6
Mexico	590	169	46	374	277	35	13	164	78
Nicaragua
Paraguay	4	0	0	0	4
Peru	72	10	19	44	50	10	5	34	58	13	6	17	28
St. Lucia	1	1	...	...	...
Surinam	1	...	...	...	1
Trinidad and Tobago	5	...	...	3	2
Turks and Caicos Islands	0	...	...	0	...
Uruguay	21	0	...	...	21
Venezuela	45	1	...	15	29
International organisations	1,711	...	...	...	...

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 18	Q4 18	Q4 18	Q4 18	Q4 18	Q4 18	Q4 18
All countries	23,097.1	18,962.3	1,196.8	2,834.0	104.1	...	...
Argentina	99.7	17.4	7.2	20.7	54.4	8.6	4.7
Australia	373.7	348.2	0.0	25.6	0.0	11.1	7.5
Belgium	402.4	393.4	2.4	0.0	6.5	15.2	9.8
Brazil ²	1,405.1	520.5	493.7	386.8	4.2	...	4.0
Canada	397.1	361.8	0.0	35.2	0.0	10.6	6.5
Chile	...	...	...	...	...	...	...
Chinese Taipei	181.5	181.5	0.0	0.0	0.0	16.3	9.6
Colombia	90.3	59.5	0.0	30.8	0.0	13.5	6.8
Czech Republic	61.5	53.3	8.2	0.0	0.0	12.0	5.8
Germany	1,333.0	1,200.4	21.7	76.0	34.8	13.1	6.9
Hong Kong SAR ¹	17.8	15.4	0.0	2.4	0.0	7.4	2.8
Hungary	61.9	44.0	6.1	9.4	2.4	6.8	3.3
India	...	...	...	...	...	...	...
Indonesia	158.3	154.6	3.5	0.0	0.3	13.9	8.2
Israel	128.9	66.0	10.3	52.6	0.0	13.8	7.2
Korea	600.3	591.9	0.0	8.4	0.0	13.2	9.2
Malaysia	178.2	178.2	0.0	0.0	0.0	11.2	6.9
Mexico	299.3	63.9	149.4	86.1	0.0	...	7.8
Peru	28.1	27.3	0.0	0.9	0.0	14.7	11.6
Philippines	81.6	79.9	1.1	...	0.5	11.4	7.1
Poland	166.9	119.8	45.9	1.2	0.0	9.2	4.5
Russia	104.1	75.9	24.6	3.6	0.0	8.8	5.4
Saudi Arabia	81.3	56.8	24.5	...	0.0	...	5.8
Singapore	84.2	84.2	0.0	0.0	0.0	10.9	6.7
South Africa	146.5	107.9	0.0	38.6	...	25.1	16.6
Spain	1,044.1	982.8	0.0	61.3	0.0	12.8	7.4
Thailand	132.8	132.8	0.0	0.0	0.0	18.3	12.1
Turkey	110.8	70.0	14.3	25.6	0.9	7.3	3.9
United Kingdom	2,059.5	1,503.3	0.0	556.2	0.0	...	15.2
United States	13,268.0	11,471.6	383.8	1,412.6	0.0	...	5.8

¹ Includes Exchange Fund Bills and Notes. ² Definition changed from 2018 to original maturity from remaining maturity.

Source: National data.

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	232.6	...	233.3	...	...	...	...
Financial corporations	24.5	...	24.8	...	...	...	...
Non-financial corporations	18.2	...	18.7	...	...	...	...
General government	189.9	...	189.7	...	...	...	...
Domestic debt securities	98.9	2.1	102.4	...	...	...	...
Financial corporations	0.0	0.0	0.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	98.9	...	102.4	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	98.9	2.1	102.4	...	...	...	...
International debt securities	122.8	-3.7	119.4	1.1	0.8	118.9	2.1
Banks	2.2	...	2.2	...	...	2.1	0.3
By currency							
Local currency	0.5	...	0.5	...	...	0.4	0.2
US dollar	1.7	...	1.7	...	...	1.7	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.2	...	2.2	...	...	2.1	0.3
By interest rate type							
Fixed	1.7	...	1.7	...	...	1.6	0.0
Other	0.6	...	0.6	...	...	0.5	0.3
Other financial corporations	1.2	...	1.2	...	0.0	1.1	0.4
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	0.8	...	0.8	...	0.0	0.8	0.4
Euro	0.3	...	0.3	...	...	0.3	0.0
Other foreign currencies	0.0	...	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.2	...	1.2	...	0.0	1.1	0.4
By interest rate type							
Fixed	0.7	...	0.7	...	0.0	0.7	0.4
Other	0.4	...	0.4	...	0.0	0.4	0.0
Non-financial corporations	17.7	0.5	18.2	1.1	0.8	19.0	1.2
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.0
US dollar	17.3	0.5	17.8	1.1	1.1	18.9	1.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.3	0.0	0.3	0.0	-0.3	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	17.7	0.5	18.2	1.1	0.8	19.0	1.2
By interest rate type							
Fixed	16.6	0.5	17.1	1.1	0.8	17.8	0.5
Other	1.2	0.0	1.2	0.0	0.0	1.2	0.8

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	101.7	-4.2	97.8	...	0.0	96.7	0.1
By currency							
Local currency	0.1	...	0.1	...	...	0.0	0.0
US dollar	76.7	-4.2	72.4	...	0.0	72.4	0.1
Euro	24.0	...	24.3	...	0.0	23.3	0.0
Other foreign currencies	1.0	0.0	1.0	...	0.0	1.0	0.0
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	0.0
Long-term	101.7	-4.2	97.7	...	0.0	96.7	0.1
By interest rate type							
Fixed	100.2	-4.2	96.3	...	0.0	95.2	0.1
Other	1.5	0.0	1.5	...	0.0	1.5	0.0
National issuers							
International debt securities	121.5	-3.7	118.1	1.1	0.5	117.3	2.2
Banks	2.1	...	2.1	...	...	2.0	0.3
By currency							
US dollar	1.6	...	1.6	...	...	1.6	0.2
Euro	...	...	...	...	...	...	...
Other currencies	0.5	...	0.5	...	...	0.4	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	2.1	...	2.1	...	...	2.0	0.3
By interest rate type							
Fixed	1.6	...	1.6	...	...	1.5	0.0
Other	0.6	...	0.6	...	...	0.5	0.3
Other financial corporations	0.8	...	0.8	...	0.0	0.8	0.2
By currency							
US dollar	0.6	...	0.6	...	0.0	0.6	0.2
Euro	0.2	...	0.2	...	0.0	0.2	0.0
Other currencies	0.0	...	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.8	...	0.8	...	0.0	0.8	0.2
By interest rate type							
Fixed	0.4	...	0.4	...	0.0	0.4	0.2
Other	0.4	...	0.4	...	0.0	0.4	0.0
Non-financial corporations	16.9	0.5	17.4	1.1	0.5	17.9	1.5
By currency							
US dollar	16.5	0.5	17.0	1.1	0.8	17.8	1.5
Euro	...	...	...	...	...	...	...
Other currencies	0.4	0.0	0.4	0.0	-0.3	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	16.9	0.5	17.4	1.1	0.5	17.9	1.5
By interest rate type							
Fixed	15.4	0.5	15.9	1.1	0.8	16.6	0.6
Other	1.6	0.0	1.6	0.0	-0.3	1.2	0.8

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	1,925.7	...	1,910.1	...	...	...	...
Financial corporations	1,102.1	...	1,044.1	...	...	...	...
Non-financial corporations	183.9	...	201.5	...	...	...	...
General government	639.7	...	664.5	...	...	...	...
Domestic debt securities	1,332.5	58.3	1,372.9	...	...	...	...
Financial corporations	658.2	21.7	671.0	...	...	...	...
Short-term	152.6	7.2	157.8	...	...	...	...
Long-term	505.5	14.5	513.3	...	...	...	...
Non-financial corporations	38.6	2.3	40.4	...	...	...	...
Short-term	2.1	-0.3	1.7	...	...	...	...
Long-term	36.6	2.6	38.7	...	...	...	...
General government	635.7	34.3	661.5	...	...	...	...
Short-term	15.5	1.0	16.2	...	...	...	...
Long-term	620.2	33.3	645.2	...	...	...	...
International debt securities	618.5	-12.3	606.8	33.2	-8.2	588.0	106.4
Banks	352.6	-13.7	339.4	25.2	-9.5	323.7	87.1
By currency							
Local currency	14.1	-0.7	13.2	1.0	-1.5	11.2	3.0
US dollar	171.7	-11.4	160.3	15.9	-0.9	159.3	43.5
Euro	91.3	3.6	96.2	2.0	-2.9	89.2	12.7
Other foreign currencies	75.5	-5.1	69.8	6.3	-4.2	63.9	27.9
By original maturity							
Short-term	47.0	-6.5	40.1	16.3	-2.8	36.7	36.6
Long-term	305.6	-7.2	299.3	8.9	-6.7	287.0	50.5
By interest rate type							
Fixed	283.2	-7.7	276.4	21.2	-7.8	263.3	64.5
Other	69.5	-6.0	63.0	4.0	-1.7	60.4	22.6
Other financial corporations	197.9	1.0	198.9	5.7	1.5	197.3	11.1
By currency							
Local currency	26.2	0.0	25.8	0.1	-0.3	24.6	0.9
US dollar	115.1	-0.9	114.2	2.7	1.2	115.3	4.9
Euro	41.6	2.1	44.2	1.7	0.4	42.7	3.3
Other foreign currencies	14.9	-0.2	14.7	1.2	0.3	14.6	2.1
By original maturity							
Short-term	3.5	-0.8	2.7	1.6	-0.3	2.4	2.4
Long-term	194.3	1.8	196.2	4.0	1.8	194.9	8.8
By interest rate type							
Fixed	103.9	1.0	105.1	5.7	1.8	105.3	10.4
Other	93.9	0.0	93.8	0.0	-0.2	92.0	0.8
Non-financial corporations	65.4	0.6	66.1	1.3	-1.2	63.9	6.9
By currency							
Local currency	2.9	-0.1	2.8	0.2	0.0	2.7	0.4
US dollar	35.5	2.1	37.7	0.8	-1.0	36.6	3.3
Euro	18.3	-0.7	17.8	0.3	0.3	17.3	2.9
Other foreign currencies	8.6	-0.7	7.8	0.0	-0.4	7.2	0.3
By original maturity							
Short-term	1.2	-0.1	1.0	0.2	-0.8	0.2	0.2
Long-term	64.3	0.7	65.1	1.1	-0.4	63.7	6.7
By interest rate type							
Fixed	63.3	0.9	64.2	1.1	-1.4	61.8	6.3
Other	2.1	-0.2	1.9	0.2	0.2	2.0	0.6

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	2.5	-0.2	2.3	1.0	0.9	3.1	1.3
By currency							
Local currency	1.9	-0.2	1.7	0.2	0.1	1.8	0.4
US dollar	0.2	0.0	0.1	0.9	0.8	0.9	0.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	0.0	0.5	0.0	0.0	0.5	0.0
By original maturity							
Short-term	0.1	0.2	0.4	1.0	0.9	1.3	1.3
Long-term	2.4	-0.4	1.9	0.0	0.0	1.9	0.0
By interest rate type							
Fixed	2.5	-0.2	2.3	1.0	0.9	3.1	1.3
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	652.9	-8.7	644.9	25.2	-2.9	630.5	90.5
Banks	414.2	-8.7	406.1	16.4	-4.4	393.9	75.9
By currency							
US dollar	195.7	-5.1	190.6	9.6	-0.4	190.2	39.6
Euro	119.8	2.2	123.6	2.1	-2.0	116.3	12.5
Other currencies	98.7	-5.8	91.9	4.7	-1.9	87.5	23.9
By original maturity							
Short-term	18.4	-2.3	15.7	5.4	1.4	16.8	16.8
Long-term	395.8	-6.4	390.4	11.1	-5.8	377.1	59.2
By interest rate type							
Fixed	298.4	-2.6	297.1	11.5	-2.5	288.6	49.4
Other	115.8	-6.1	109.0	5.0	-1.9	105.3	26.6
Other financial corporations	99.5	-1.3	98.0	1.6	-1.3	95.2	3.1
By currency							
US dollar	58.7	-1.0	57.8	0.7	-1.1	56.6	1.7
Euro	17.3	0.0	17.5	0.0	-0.2	16.5	0.3
Other currencies	23.5	-0.3	22.8	0.9	0.0	22.1	1.1
By original maturity							
Short-term	2.0	-0.2	1.8	1.2	-0.3	1.5	1.5
Long-term	97.5	-1.1	96.2	0.4	-1.0	93.8	1.6
By interest rate type							
Fixed	26.5	-0.4	26.1	1.3	-1.4	24.4	2.8
Other	73.0	-0.9	71.9	0.3	0.1	70.9	0.3
Non-financial corporations	136.6	1.5	138.5	6.1	1.9	138.2	10.2
By currency							
US dollar	81.1	2.1	83.3	2.6	0.4	83.7	4.5
Euro	39.0	0.2	39.7	3.5	1.9	39.8	5.3
Other currencies	16.5	-0.8	15.5	0.1	-0.4	14.8	0.4
By original maturity							
Short-term	1.4	-0.2	1.2	1.2	0.2	1.4	1.3
Long-term	135.2	1.7	137.3	4.9	1.7	136.8	8.9
By interest rate type							
Fixed	129.8	1.6	131.7	6.0	2.2	131.9	9.5
Other	6.8	-0.1	6.7	0.1	-0.3	6.3	0.7

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	733.9	6.2	748.5	...	...	...	...
Financial corporations	204.1	-0.9	205.1	...	...	...	...
Non-financial corporations	70.7	-1.7	69.7	...	...	...	...
General government	459.1	8.7	473.7	...	...	...	...
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	164.2	2.6	168.6	4.8	1.4	163.2	7.5
Banks	20.4	0.5	21.2	1.7	1.5	21.7	0.5
By currency							
Local currency	19.7	0.5	20.4	1.7	1.5	21.0	0.1
US dollar	0.2	...	0.2	...	...	0.2	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.5	0.0	0.5	0.0	0.0	0.5	0.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	20.4	0.5	21.2	1.7	1.5	21.7	0.5
By interest rate type							
Fixed	15.1	0.8	16.1	1.7	1.7	17.1	0.1
Other	5.3	-0.3	5.1	0.0	-0.2	4.7	0.4
Other financial corporations	70.4	0.6	71.8	1.3	1.0	69.8	1.0
By currency							
Local currency	67.1	0.6	68.5	0.8	0.5	66.1	1.0
US dollar	3.0	...	3.0	...	...	3.0	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.3	0.0	0.3	0.4	0.4	0.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	70.4	0.6	71.8	1.3	1.0	69.8	1.0
By interest rate type							
Fixed	17.2	0.6	17.9	0.4	0.2	17.4	0.3
Other	53.2	0.0	53.9	0.8	0.8	52.4	0.7
Non-financial corporations	53.2	-0.2	53.5	1.3	1.3	52.6	4.4
By currency							
Local currency	44.9	0.2	45.7	1.3	1.3	45.0	3.7
US dollar	3.1	-0.4	2.7	...	...	2.7	0.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	5.2	0.0	5.0	0.0	0.0	4.9	0.2
By original maturity							
Short-term	0.8	...	0.9	...	...	0.8	0.0
Long-term	52.4	-0.2	52.6	1.3	1.3	51.8	4.4
By interest rate type							
Fixed	50.2	-0.4	50.2	1.3	1.3	49.5	4.2
Other	3.1	0.2	3.3	0.0	0.0	3.1	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	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	20.2	1.7	22.1	0.6	-2.4	19.0	1.7
By currency							
Local currency	14.3	1.7	16.2	0.6	0.6	16.1	0.2
US dollar	5.5	...	5.5	...	-3.0	2.5	1.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.4	0.0	0.4	0.0	0.0	0.4	0.0
By original maturity							
Short-term	0.1	...	0.1	...	...	0.1	0.0
Long-term	20.2	1.7	22.1	0.6	-2.4	19.0	1.7
By interest rate type							
Fixed	17.4	1.7	19.3	0.6	-2.4	16.3	1.6
Other	2.8	0.0	2.9	0.0	0.0	2.7	0.1
National issuers							
International debt securities	323.3	3.3	329.5	16.1	-3.0	314.6	48.3
Banks	167.7	0.4	169.4	12.0	-1.6	162.0	38.9
By currency							
US dollar	27.1	1.3	28.4	4.9	1.7	30.0	18.6
Euro	127.2	-2.1	126.7	3.9	-3.6	117.7	13.1
Other currencies	13.4	1.3	14.4	3.2	0.4	14.3	7.1
By original maturity							
Short-term	20.2	-1.7	18.4	9.9	2.3	20.3	20.3
Long-term	147.6	2.1	151.1	2.1	-3.8	141.7	18.6
By interest rate type							
Fixed	126.7	1.7	129.3	11.9	-1.0	124.1	34.4
Other	41.0	-1.3	40.2	0.1	-0.6	38.0	4.5
Other financial corporations	76.5	2.5	79.9	2.5	1.1	77.7	3.5
By currency							
US dollar	4.0	0.0	4.1	0.3	0.0	4.0	0.4
Euro	70.2	2.5	73.6	1.7	0.8	71.2	2.4
Other currencies	2.3	0.0	2.3	0.5	0.4	2.5	0.6
By original maturity							
Short-term	1.3	0.0	1.3	0.5	0.0	1.3	1.2
Long-term	75.3	2.5	78.6	2.0	1.1	76.5	2.2
By interest rate type							
Fixed	28.5	1.0	29.8	1.2	-0.1	28.6	2.0
Other	48.0	1.5	50.1	1.3	1.2	49.2	1.4
Non-financial corporations	58.8	-1.3	58.0	1.0	-0.2	55.8	4.3
By currency							
US dollar	9.1	-0.3	8.8	...	-0.8	8.0	0.8
Euro	42.7	-1.0	42.2	1.0	0.6	41.0	3.3
Other currencies	7.0	0.0	7.0	0.0	0.0	6.8	0.2
By original maturity							
Short-term	0.8	...	0.9	0.1	0.1	0.9	0.1
Long-term	58.0	-1.3	57.1	0.9	-0.3	54.9	4.2
By interest rate type							
Fixed	55.8	-1.5	54.6	1.0	-0.2	52.5	4.1
Other	3.1	0.2	3.4	0.0	0.0	3.2	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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	2,086.2	34.4	2,165.6	...	...	...	...
Financial corporations	562.3	7.4	581.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	100.9	8.7	112.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	1,423.0	18.3	1,471.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	118.6	-3.7	115.0	3.7	-0.9	113.6	14.4
Banks	26.4	-3.9	22.5	0.4	-2.2	20.3	6.1
By currency							
Local currency	0.0	...	0.0	...	0.0	0.0	0.0
US dollar	26.2	-3.9	22.3	0.4	-2.2	20.2	6.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.4	-3.9	22.5	0.4	-2.2	20.3	6.1
By interest rate type							
Fixed	26.3	-3.9	22.4	0.4	-2.2	20.2	6.1
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Other financial corporations	12.2	1.0	13.2	1.1	1.1	14.2	4.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	12.2	1.0	13.2	1.1	1.1	14.2	4.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	0.0	0.0	...	...	...	...	...
Long-term	12.2	1.0	13.2	1.1	1.1	14.2	4.2
By interest rate type							
Fixed	12.2	1.0	13.2	1.1	1.1	14.2	4.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-financial corporations	32.3	-0.8	31.5	2.2	0.1	31.5	2.2
By currency							
Local currency	0.3	0.0	0.3	...	-0.3	0.0	0.0
US dollar	28.6	-0.8	27.8	2.2	0.4	28.2	2.2
Euro	3.4	...	3.4	...	...	3.3	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	32.3	-0.8	31.5	2.2	0.1	31.5	2.2
By interest rate type							
Fixed	31.9	-0.8	31.1	2.0	0.0	31.0	2.2
Other	0.4	0.0	0.4	0.2	0.2	0.6	0.0

Brazil (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	47.7	...	47.8	...	...	47.5	1.9
By currency							
Local currency	2.8	...	2.9	...	...	2.7	0.0
US dollar	43.8	...	43.8	...	...	43.8	1.9
Euro	1.1	...	1.1	...	...	1.1	0.0
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	47.7	...	47.8	...	...	47.5	1.9
By interest rate type							
Fixed	47.7	...	47.8	...	...	47.5	1.9
Other	0.0	...	0.0	...	...	0.0	0.0
National issuers							
International debt securities	278.4	0.0	278.5	8.7	-4.0	273.7	26.5
Banks	62.4	-4.0	58.5	2.1	-1.5	56.9	12.4
By currency							
US dollar	60.7	-3.9	56.9	1.8	-1.8	55.1	12.2
Euro	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Other currencies	1.6	-0.1	1.5	0.3	0.3	1.8	0.2
By original maturity							
Short-term	5.3	-0.5	4.8	1.6	-0.5	4.2	4.2
Long-term	57.2	-3.5	53.7	0.5	-1.0	52.7	8.2
By interest rate type							
Fixed	61.1	-4.1	57.0	2.1	-1.5	55.5	12.2
Other	1.3	0.1	1.4	0.0	0.0	1.4	0.2
Other financial corporations	17.0	0.0	17.0	1.5	-1.5	15.4	3.8
By currency							
US dollar	16.9	0.0	16.9	1.5	-1.5	15.4	3.8
Euro	...	...	...	...	...	...	...
Other currencies	0.1	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	0.1	0.0	0.2	0.1	0.0	0.2	0.2
Long-term	16.8	0.0	16.8	1.3	-1.5	15.3	3.6
By interest rate type							
Fixed	16.9	0.0	17.0	1.5	-1.5	15.4	3.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-financial corporations	151.3	4.0	155.3	5.1	-1.0	153.9	8.4
By currency							
US dollar	140.9	4.0	144.9	5.1	-0.7	144.2	8.4
Euro	6.6	...	6.7	...	...	6.4	0.0
Other currencies	3.8	0.0	3.7	0.0	-0.3	3.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	151.3	4.0	155.3	5.1	-1.0	153.9	8.4
By interest rate type							
Fixed	149.1	4.4	153.5	4.9	-1.1	151.9	7.9
Other	2.1	-0.3	1.8	0.2	0.2	2.0	0.5

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	3,242.5	...	3,312.8	...	...	...	...
Financial corporations	1,454.8	...	1,487.5	...	...	...	...
Non-financial corporations	577.1	...	580.4	...	...	...	...
General government	1,210.5	...	1,244.9	...	...	...	...
Domestic debt securities	2,222.5	12.3	2,279.9	...	...	...	...
Financial corporations	849.7	-0.8	866.0	...	...	...	...
Short-term	110.1	-0.4	111.9	...	...	...	...
Long-term	213.5	-3.6	214.1	...	...	...	...
Non-financial corporations	331.7	1.5	339.9	...	...	...	...
Short-term	9.8	1.1	11.1	...	...	...	...
Long-term	232.2	3.4	240.4	...	...	...	...
General government	1,041.1	11.5	1,073.9	...	...	...	...
Short-term	130.6	2.2	135.5	...	...	...	...
Long-term	963.0	5.6	988.1	...	...	...	...
International debt securities	951.6	13.4	967.4	46.8	2.4	958.5	136.8
Banks	334.2	6.8	341.7	26.7	0.0	334.7	60.8
By currency							
Local currency	2.6	0.0	2.7	0.3	0.3	3.0	0.7
US dollar	164.3	2.4	166.7	13.2	-4.7	162.0	33.3
Euro	121.1	3.8	126.6	7.2	3.1	124.1	14.4
Other foreign currencies	46.1	0.6	45.8	6.0	1.4	45.7	12.4
By original maturity							
Short-term	11.8	0.2	11.8	4.0	-1.3	10.2	10.2
Long-term	322.4	6.5	329.9	22.8	1.3	324.5	50.5
By interest rate type							
Fixed	253.2	8.3	262.7	19.8	1.4	259.0	30.0
Other	81.0	-1.5	79.0	6.9	-1.3	75.8	30.8
Other financial corporations	204.4	4.7	209.8	13.7	1.2	209.1	34.0
By currency							
Local currency	36.9	0.2	37.9	1.5	1.2	38.6	6.9
US dollar	131.7	3.1	134.9	9.1	-1.0	133.9	20.7
Euro	22.8	0.4	23.5	1.1	-0.1	22.4	2.8
Other foreign currencies	13.0	0.9	13.6	1.9	1.0	14.1	3.6
By original maturity							
Short-term	4.0	1.1	5.1	1.2	-1.3	3.8	3.8
Long-term	200.4	3.5	204.7	12.4	2.5	205.3	30.2
By interest rate type							
Fixed	157.3	3.3	161.3	11.7	4.9	164.6	22.2
Other	47.1	1.4	48.5	1.9	-3.7	44.5	11.8
Non-financial corporations	275.9	1.4	277.7	4.3	2.9	280.1	18.3
By currency							
Local currency	16.1	-0.3	16.1	0.2	0.1	16.1	2.5
US dollar	253.1	1.6	254.7	4.1	2.8	257.4	15.9
Euro	4.8	...	4.8	...	...	4.6	0.0
Other foreign currencies	1.9	0.2	2.1	0.0	0.0	2.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	275.9	1.4	277.7	4.3	2.9	280.1	18.3
By interest rate type							
Fixed	253.9	1.2	255.3	4.1	2.7	257.7	13.1
Other	22.0	0.2	22.4	0.3	0.2	22.4	5.3

Canada (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	137.1	0.6	138.1	2.1	-1.8	134.6	23.7
By currency							
Local currency	9.3	-0.6	8.9	...	...	8.8	0.0
US dollar	82.3	4.1	86.4	1.7	-2.1	84.3	16.8
Euro	30.7	-3.0	28.1	...	...	26.9	5.4
Other foreign currencies	14.8	0.0	14.7	0.4	0.4	14.6	1.5
By original maturity							
Short-term	...	1.1	1.1	0.4	-0.6	0.4	0.4
Long-term	137.1	-0.5	137.1	1.6	-1.2	134.1	23.3
By interest rate type							
Fixed	132.9	0.6	134.0	2.1	-0.5	131.7	21.5
Other	4.2	0.0	4.1	0.0	-1.3	2.9	2.2
National issuers							
International debt securities	968.6	16.1	986.8	58.4	7.6	982.7	151.0
Banks	397.1	6.6	404.3	35.2	1.0	397.8	83.7
By currency							
US dollar	209.4	4.8	214.2	17.8	-4.1	210.0	45.5
Euro	128.5	1.9	132.0	7.4	2.0	128.2	16.2
Other currencies	59.2	-0.1	58.1	10.0	3.1	59.5	22.0
By original maturity							
Short-term	27.1	-1.2	25.5	11.8	1.1	26.0	26.0
Long-term	370.0	7.7	378.8	23.4	-0.1	371.8	57.7
By interest rate type							
Fixed	294.1	8.9	304.1	26.7	2.5	301.2	47.9
Other	103.0	-2.3	100.2	8.5	-1.6	96.6	35.8
Other financial corporations	159.3	6.6	166.5	15.7	5.5	170.2	25.1
By currency							
US dollar	94.0	4.3	98.3	10.1	1.8	100.0	14.9
Euro	19.9	1.1	21.3	2.7	1.8	22.1	0.5
Other currencies	45.4	1.2	47.0	2.9	1.9	48.1	9.6
By original maturity							
Short-term	4.0	1.2	5.2	1.2	-1.3	3.8	3.8
Long-term	155.3	5.4	161.4	14.5	6.8	166.4	21.2
By interest rate type							
Fixed	117.8	3.6	122.0	13.2	6.6	127.1	16.4
Other	41.5	3.0	44.5	2.5	-1.0	43.1	8.7
Non-financial corporations	275.1	2.4	277.9	5.4	2.9	280.1	18.5
By currency							
US dollar	247.1	2.2	249.2	5.1	2.8	252.1	15.9
Euro	8.8	0.3	9.2	...	-0.1	8.7	0.0
Other currencies	19.2	-0.1	19.5	0.3	0.1	19.3	2.6
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	275.1	2.4	277.9	5.4	2.9	280.1	18.5
By interest rate type							
Fixed	252.9	2.2	255.4	5.1	2.6	257.5	13.1
Other	22.1	0.1	22.4	0.4	0.3	22.6	5.4

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	13,651.7	...	13,810.5	...	...	...	...
Financial corporations	5,138.2	...	5,170.5	...	...	...	...
Non-financial corporations	3,266.7	...	3,284.3	...	...	...	...
General government	5,246.8	...	5,355.6	...	...	...	...
Domestic debt securities	13,205.2	439.5	13,335.5	...	...	...	...
Financial corporations	4,931.6	131.6	4,947.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	3,214.3	85.9	3,225.0	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	5,059.3	222.0	5,162.5	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	220.0	1.9	221.6	15.9	7.6	227.5	37.8
Banks	86.9	1.7	88.6	1.2	-3.2	84.7	13.5
By currency							
Local currency	6.8	0.0	6.6	...	-0.2	6.2	0.8
US dollar	68.6	2.5	71.1	1.0	-3.0	68.2	9.5
Euro	10.2	-0.7	9.6	...	...	9.2	2.5
Other foreign currencies	1.3	0.0	1.3	0.2	-0.1	1.2	0.7
By original maturity							
Short-term	2.7	-0.3	2.4	0.9	0.1	2.6	2.6
Long-term	84.2	2.0	86.2	0.2	-3.4	82.2	10.9
By interest rate type							
Fixed	78.9	0.5	79.3	1.1	-2.7	76.0	13.4
Other	8.1	1.2	9.3	0.1	-0.5	8.7	0.1
Other financial corporations	79.5	-5.0	74.5	6.7	5.1	79.2	10.0
By currency							
Local currency	2.3	...	2.2	0.2	0.0	2.1	0.0
US dollar	70.6	-5.0	65.6	5.2	3.8	69.4	8.2
Euro	6.6	...	6.7	0.9	0.9	7.3	1.7
Other foreign currencies	0.0	0.0	0.0	0.4	0.4	0.4	0.0
By original maturity							
Short-term	0.1	...	0.1	...	-0.1	...	...
Long-term	79.4	-5.0	74.4	6.7	5.2	79.2	10.0
By interest rate type							
Fixed	71.0	0.5	71.6	6.4	5.4	76.6	9.9
Other	8.4	-5.5	2.9	0.3	-0.3	2.6	0.1
Non-financial corporations	34.5	5.9	40.4	6.3	5.0	45.2	7.3
By currency							
Local currency	2.3	...	2.3	...	-0.3	1.9	0.7
US dollar	27.8	6.0	33.8	6.3	5.4	39.2	5.4
Euro	1.3	...	1.3	...	...	1.2	0.8
Other foreign currencies	3.1	-0.1	3.0	0.0	-0.1	2.9	0.3
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	34.5	5.9	40.4	6.3	5.0	45.2	7.3
By interest rate type							
Fixed	25.7	3.5	29.2	3.7	2.4	31.5	6.1
Other	8.8	2.3	11.2	2.6	2.6	13.7	1.2

China (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	19.1	-0.7	18.1	1.8	0.8	18.3	7.0
By currency							
Local currency	13.8	-0.7	12.8	1.8	0.8	13.0	7.0
US dollar	5.2	...	5.2	...	...	5.2	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.0	0.1	0.0	0.0	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	19.1	-0.7	18.1	1.8	0.8	18.3	7.0
By interest rate type							
Fixed	19.1	-0.7	18.1	1.8	0.8	18.3	7.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	1,066.6	37.4	1,103.9	141.9	21.3	1,118.9	308.0
Banks	357.1	12.5	369.4	89.3	-3.8	362.9	185.6
By currency							
US dollar	271.8	12.0	283.8	63.0	-4.4	279.5	132.2
Euro	31.2	2.5	34.1	7.0	0.2	32.9	17.7
Other currencies	54.0	-2.0	51.4	19.3	0.4	50.5	35.7
By original maturity							
Short-term	129.3	5.7	134.9	76.0	3.0	136.6	135.2
Long-term	227.8	6.7	234.5	13.3	-6.7	226.3	50.3
By interest rate type							
Fixed	288.3	7.3	295.4	84.2	-5.7	287.3	170.8
Other	68.8	5.2	74.0	5.1	1.9	75.5	14.8
Other financial corporations	177.3	-2.6	174.9	13.1	1.8	175.9	33.6
By currency							
US dollar	149.3	-2.1	147.2	11.4	2.0	149.2	25.5
Euro	12.4	-0.1	12.5	0.3	-0.1	11.8	3.1
Other currencies	15.6	-0.4	15.2	1.4	-0.1	14.9	4.9
By original maturity							
Short-term	11.1	-0.1	11.0	3.2	-0.6	10.3	10.3
Long-term	166.2	-2.5	163.9	9.9	2.5	165.6	23.3
By interest rate type							
Fixed	146.0	1.5	147.6	11.1	1.4	148.3	29.8
Other	31.3	-4.1	27.3	2.1	0.5	27.6	3.7
Non-financial corporations	511.7	28.3	540.2	39.1	23.9	561.8	83.2
By currency							
US dollar	445.2	27.7	472.9	36.3	24.6	497.5	71.1
Euro	32.2	1.4	34.0	1.9	0.0	32.6	6.4
Other currencies	34.3	-0.8	33.3	1.0	-0.7	31.7	5.7
By original maturity							
Short-term	0.6	-0.5	0.1	...	-0.1	...	...
Long-term	511.2	28.8	540.2	39.1	23.9	561.8	83.2
By interest rate type							
Fixed	467.1	26.5	493.8	35.9	22.9	514.8	77.6
Other	44.6	1.8	46.5	3.2	1.0	47.0	5.7

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	4,600.2	41.3	4,692.8	...	...	...	...
Financial corporations	1,630.5	26.1	1,672.7	...	...	...	...
Non-financial corporations	689.7	7.4	703.8	...	...	...	...
General government	2,280.1	7.8	2,316.4	...	...	...	...
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	1,438.7	5.2	1,455.3	89.2	-11.6	1,398.5	244.5
Banks	645.7	1.1	651.9	30.0	-11.8	621.7	115.5
By currency							
Local currency	382.2	-5.7	381.4	12.1	-8.5	356.5	56.8
US dollar	166.3	1.3	167.6	8.7	-1.8	165.8	29.7
Euro	...	...	...	...	...	...	...
Other foreign currencies	97.2	5.5	103.0	9.1	-1.4	99.4	28.9
By original maturity							
Short-term	42.8	7.2	49.8	18.7	-0.6	48.0	47.9
Long-term	602.9	-6.1	602.1	11.3	-11.2	573.7	67.6
By interest rate type							
Fixed	554.8	3.6	562.8	27.8	-9.8	537.1	94.6
Other	90.9	-2.5	89.1	2.1	-2.0	84.7	20.8
Other financial corporations	393.2	-2.5	393.9	35.9	0.5	381.8	79.4
By currency							
Local currency	274.8	-1.2	277.2	3.2	-3.4	261.8	27.2
US dollar	90.6	-1.6	89.1	29.8	6.4	95.5	47.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	27.7	0.2	27.7	2.9	-2.5	24.4	4.8
By original maturity							
Short-term	34.6	-1.1	33.4	28.1	1.8	34.9	34.9
Long-term	358.6	-1.4	360.5	7.8	-1.2	346.9	44.5
By interest rate type							
Fixed	273.4	-1.7	273.6	34.8	1.8	267.6	72.3
Other	119.8	-0.9	120.3	1.1	-1.2	114.2	7.1
Non-financial corporations	392.2	6.5	401.7	23.2	-0.4	387.6	49.1
By currency							
Local currency	282.6	5.6	291.7	19.1	4.4	283.4	35.7
US dollar	73.3	0.9	74.1	1.4	-3.2	70.9	8.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	36.4	0.0	35.8	2.7	-1.6	33.3	4.8
By original maturity							
Short-term	14.5	-0.2	14.2	8.5	-2.3	11.6	11.6
Long-term	377.8	6.7	387.4	14.6	1.9	376.0	37.6
By interest rate type							
Fixed	359.0	6.6	368.2	17.7	-3.9	352.0	45.4
Other	33.2	-0.1	33.4	5.5	3.5	35.6	3.7

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	7.6	0.1	7.8	0.2	0.0	7.5	0.5
By currency							
Local currency	7.4	...	7.5	...	0.0	7.1	0.1
US dollar	0.0	0.1	0.2	0.2	0.1	0.2	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.2
By original maturity							
Short-term	0.0	0.1	0.2	0.2	0.1	0.2	0.2
Long-term	7.5	...	7.6	...	0.0	7.3	0.3
By interest rate type							
Fixed	6.7	0.1	7.0	0.2	0.1	6.7	0.5
Other	0.8	0.0	0.8	0.0	0.0	0.8	0.0
National issuers							
International debt securities	1,626.8	19.7	1,659.6	115.9	0.2	1,609.1	272.4
Banks	766.4	8.8	782.1	42.0	-2.5	756.7	123.0
By currency							
US dollar	188.9	3.9	192.8	13.6	-1.6	191.2	36.7
Euro	473.4	-0.2	479.4	21.4	0.9	459.5	59.9
Other currencies	104.1	5.1	109.9	6.9	-1.8	106.0	26.4
By original maturity							
Short-term	45.2	11.6	56.8	20.4	-1.4	54.1	54.0
Long-term	721.2	-2.8	725.3	21.6	-1.1	702.6	69.0
By interest rate type							
Fixed	592.2	9.7	607.1	35.4	-3.2	586.6	101.2
Other	174.2	-0.9	175.0	6.6	0.7	170.1	21.8
Other financial corporations	316.9	-0.1	319.0	40.9	-2.3	307.6	84.7
By currency							
US dollar	99.0	1.5	100.5	28.3	4.4	105.0	47.5
Euro	196.7	-1.3	198.0	7.9	-5.0	184.5	31.6
Other currencies	21.1	-0.3	20.5	4.7	-1.7	18.1	5.7
By original maturity							
Short-term	47.4	1.0	48.4	36.4	2.2	49.8	49.8
Long-term	269.5	-1.1	270.5	4.5	-4.5	257.8	34.9
By interest rate type							
Fixed	227.5	0.5	229.4	40.2	-0.3	223.1	80.3
Other	89.3	-0.6	89.5	0.7	-2.0	84.5	4.4
Non-financial corporations	536.0	10.8	550.8	32.8	5.0	537.4	64.2
By currency							
US dollar	109.9	-0.7	109.2	7.8	0.8	110.0	15.1
Euro	372.1	10.9	387.8	20.0	5.5	376.3	42.0
Other currencies	54.0	0.5	53.8	5.0	-1.3	51.1	7.0
By original maturity							
Short-term	18.4	-0.2	18.2	11.1	-2.7	15.0	14.9
Long-term	517.6	11.0	532.6	21.6	7.7	522.5	49.3
By interest rate type							
Fixed	464.9	9.4	477.6	27.1	1.3	463.4	56.6
Other	71.0	1.4	73.2	5.7	3.7	74.0	7.6

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	3,527.6	28.7	3,600.3	...	...	...	...
Financial corporations	1,547.5	24.0	1,591.8	...	...	...	...
Non-financial corporations	195.1	6.6	202.4	...	...	...	...
General government	1,785.1	-1.9	1,806.1	...	...	...	...
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	1,289.0	10.5	1,304.9	163.2	10.7	1,278.3	323.7
Banks	522.3	-9.6	513.7	67.0	-8.9	494.4	174.7
By currency							
Local currency	177.2	-4.3	175.2	15.4	2.1	169.6	32.9
US dollar	253.0	-3.0	250.0	40.9	-11.5	238.5	101.6
Euro	...	...	...	...	...	...	...
Other foreign currencies	92.2	-2.4	88.6	10.7	0.5	86.3	40.1
By original maturity							
Short-term	88.4	-3.4	84.7	51.0	3.1	86.8	86.4
Long-term	434.0	-6.3	429.0	15.9	-12.0	407.6	88.3
By interest rate type							
Fixed	453.1	-5.7	448.1	65.4	-7.3	431.8	154.0
Other	69.2	-3.9	65.6	1.6	-1.6	62.6	20.7
Other financial corporations	471.6	15.3	488.4	61.2	8.7	482.2	103.2
By currency							
Local currency	251.7	16.1	271.2	22.7	-0.8	258.7	40.7
US dollar	126.7	-7.4	119.3	28.2	5.5	124.8	45.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	93.3	6.6	98.0	10.4	3.9	98.7	17.2
By original maturity							
Short-term	56.7	-6.0	50.8	35.2	-0.4	49.3	49.2
Long-term	415.0	21.3	437.7	26.1	9.0	432.9	54.0
By interest rate type							
Fixed	363.0	13.7	377.1	57.3	11.3	377.7	94.0
Other	108.6	1.6	111.4	3.9	-2.7	104.5	9.2
Non-financial corporations	201.3	6.0	209.4	27.4	10.5	211.3	34.3
By currency							
Local currency	172.8	6.6	181.7	21.9	10.1	183.7	27.9
US dollar	12.9	0.6	13.5	2.8	-1.4	12.0	3.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	15.7	-1.2	14.2	2.7	1.9	15.5	2.9
By original maturity							
Short-term	7.1	2.4	9.5	9.1	1.8	11.0	11.0
Long-term	194.3	3.6	199.8	18.4	8.7	200.3	23.3
By interest rate type							
Fixed	189.6	5.9	197.4	26.8	10.4	199.7	30.4
Other	11.7	0.1	12.0	0.6	0.1	11.5	3.9

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	93.6	-1.1	93.4	7.6	0.5	90.5	11.5
By currency							
Local currency	72.3	0.6	73.9	3.1	2.0	72.7	8.0
US dollar	17.4	-3.2	14.2	4.4	-1.5	12.6	2.8
Euro	...	...	...	...	...	...	...
Other foreign currencies	3.9	1.4	5.3	0.1	0.0	5.1	0.6
By original maturity							
Short-term	1.3	-0.2	1.1	1.0	0.5	1.6	1.6
Long-term	92.3	-1.0	92.2	6.6	0.0	88.9	9.9
By interest rate type							
Fixed	78.9	-1.5	78.2	5.6	1.3	76.5	9.9
Other	14.7	0.4	15.2	2.0	-0.8	13.9	1.6
National issuers							
International debt securities	1,882.4	6.1	1,896.5	217.6	23.7	1,866.2	427.0
Banks	424.4	-2.8	423.4	88.5	10.6	424.5	162.1
By currency							
US dollar	176.6	6.5	183.1	61.3	10.1	193.2	97.8
Euro	186.9	-7.0	182.2	15.7	0.6	174.9	37.7
Other currencies	61.0	-2.3	58.2	11.5	-0.1	56.4	26.6
By original maturity							
Short-term	100.8	3.1	103.6	74.1	15.3	117.6	117.3
Long-term	323.6	-6.0	319.8	14.4	-4.7	306.9	44.8
By interest rate type							
Fixed	330.1	3.3	334.7	86.5	16.5	343.6	140.7
Other	94.3	-6.1	88.7	2.0	-5.8	80.9	21.4
Other financial corporations	699.0	0.4	700.0	60.7	-7.2	676.9	155.8
By currency							
US dollar	302.0	-11.6	290.4	29.6	-8.0	282.4	76.5
Euro	236.7	6.3	246.1	19.3	-2.3	233.2	40.0
Other currencies	160.4	5.7	163.5	11.8	3.1	161.4	39.3
By original maturity							
Short-term	57.6	-6.0	51.8	36.2	-0.7	49.9	49.9
Long-term	641.4	6.4	648.2	24.5	-6.6	627.0	105.9
By interest rate type							
Fixed	583.9	0.3	584.1	58.8	-4.9	566.6	148.4
Other	115.2	0.1	115.9	1.9	-2.4	110.3	7.4
Non-financial corporations	665.4	9.7	679.8	60.8	19.8	674.4	97.7
By currency							
US dollar	86.6	-1.6	85.0	8.4	-5.0	80.1	15.1
Euro	496.6	11.1	514.3	46.6	21.3	513.0	72.6
Other currencies	82.1	0.1	80.5	5.9	3.4	81.3	10.0
By original maturity							
Short-term	20.3	1.2	21.7	11.1	-2.1	18.9	18.2
Long-term	645.1	8.4	658.1	49.7	21.9	655.5	79.4
By interest rate type							
Fixed	518.6	9.2	531.7	52.6	21.9	533.9	63.9
Other	146.8	0.5	148.2	8.3	-2.1	140.5	33.8

Hong Kong SAR

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	502.0	...	509.8	...	...	...	...
Financial corporations	303.6	...	312.9	...	...	...	...
Non-financial corporations	47.3	...	43.7	...	...	...	...
General government	151.1	...	153.3	...	...	...	...
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	327.9	6.2	334.1	44.9	-2.9	329.8	109.9
Banks	158.2	1.9	160.1	34.0	-2.6	157.2	71.2
By currency							
Local currency	11.0	0.0	11.0	2.4	-0.9	10.1	7.0
US dollar	132.7	4.4	137.1	29.9	-1.9	135.2	59.0
Euro	3.3	-0.7	2.7	0.5	0.1	2.6	2.0
Other foreign currencies	11.2	-1.8	9.3	1.3	0.1	9.3	3.3
By original maturity							
Short-term	46.0	1.5	47.5	23.6	-3.1	44.3	44.3
Long-term	112.2	0.4	112.7	10.5	0.5	112.9	26.9
By interest rate type							
Fixed	119.3	1.1	120.5	30.0	-4.0	116.2	59.3
Other	38.9	0.7	39.7	4.0	1.4	41.0	11.9
Other financial corporations	119.9	6.2	126.1	10.1	0.6	126.1	30.0
By currency							
Local currency	11.3	-0.4	10.9	0.7	0.0	10.9	2.7
US dollar	91.3	7.2	98.5	8.9	0.9	99.5	23.4
Euro	8.6	-0.1	8.6	0.0	-0.4	7.9	1.2
Other foreign currencies	8.7	-0.5	8.0	0.5	0.1	7.8	2.8
By original maturity							
Short-term	10.1	0.0	10.1	2.7	-1.2	8.8	8.6
Long-term	109.7	6.3	116.0	7.4	1.8	117.2	21.4
By interest rate type							
Fixed	112.0	5.1	117.1	8.1	-1.2	115.2	27.9
Other	7.8	1.1	9.0	2.0	1.9	10.9	2.1
Non-financial corporations	46.9	-2.9	43.9	0.8	0.0	43.5	7.7
By currency							
Local currency	3.4	0.1	3.5	0.2	0.1	3.6	0.5
US dollar	34.8	-3.1	31.8	0.5	0.1	31.9	4.3
Euro	1.2	...	1.3	...	...	1.2	0.7
Other foreign currencies	7.4	0.1	7.3	0.0	-0.2	6.8	2.2
By original maturity							
Short-term	0.4	0.1	0.5	0.3	0.1	0.6	0.6
Long-term	46.5	-3.0	43.4	0.5	-0.1	42.9	7.1
By interest rate type							
Fixed	43.6	-2.7	40.7	0.7	-0.1	40.3	7.6
Other	3.3	-0.1	3.2	0.0	0.0	3.2	0.1

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	3.0	1.0	4.0	...	-1.0	3.0	1.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	3.0	1.0	4.0	...	-1.0	3.0	1.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.0	1.0	4.0	...	-1.0	3.0	1.0
By interest rate type							
Fixed	3.0	1.0	4.0	...	-1.0	3.0	1.0
Other	0.0	0.0	0.0	...	0.0	0.0	0.0
National issuers							
International debt securities	179.3	2.5	181.9	14.0	5.3	186.2	27.3
Banks	16.8	-0.3	16.5	3.6	1.3	17.9	6.8
By currency							
US dollar	14.0	-0.2	13.8	2.9	1.4	15.2	5.2
Euro	0.4	-0.1	0.4	0.4	0.1	0.4	0.4
Other currencies	2.4	0.0	2.4	0.4	-0.2	2.2	1.2
By original maturity							
Short-term	6.4	0.0	6.3	1.9	-0.4	5.9	5.9
Long-term	10.5	-0.3	10.2	1.7	1.7	11.9	0.9
By interest rate type							
Fixed	16.7	-0.3	16.4	3.6	1.3	17.7	6.8
Other	0.1	0.0	0.1	0.0	0.0	0.2	0.0
Other financial corporations	17.4	0.9	18.3	0.8	0.4	18.7	2.4
By currency							
US dollar	10.4	1.2	11.6	0.5	0.4	12.0	1.3
Euro	...	...	...	...	...	...	...
Other currencies	6.9	-0.2	6.7	0.3	0.0	6.7	1.1
By original maturity							
Short-term	1.0	0.1	1.0	0.3	0.0	1.0	1.0
Long-term	16.4	0.9	17.3	0.5	0.4	17.6	1.3
By interest rate type							
Fixed	14.5	0.7	15.2	0.7	0.3	15.5	1.7
Other	2.8	0.3	3.1	0.1	0.1	3.2	0.6
Non-financial corporations	142.1	0.8	143.1	9.6	4.6	146.7	17.1
By currency							
US dollar	103.7	0.5	104.3	8.6	4.3	108.6	10.8
Euro	12.9	0.5	13.5	0.0	0.0	12.9	0.0
Other currencies	25.5	-0.2	25.3	1.1	0.3	25.2	6.3
By original maturity							
Short-term	2.4	0.0	2.5	0.6	-0.2	2.2	2.0
Long-term	139.7	0.8	140.6	9.1	4.8	144.5	15.1
By interest rate type							
Fixed	129.0	0.4	129.5	9.5	5.7	134.4	16.4
Other	13.1	0.4	13.5	0.1	-1.1	12.4	0.6

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	861.6	16.1	904.5	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	861.6	40.4	904.5	...	...	...	...
Short-term	59.7	16.1	76.0	...	...	...	...
Long-term	802.0	24.3	828.5	...	...	...	...
International debt securities	50.2	4.2	54.5	5.7	2.7	56.9	5.9
Banks	9.4	0.3	9.8	0.6	0.5	10.2	2.9
By currency							
Local currency	0.5	...	0.5	...	...	0.5	0.0
US dollar	8.4	0.3	8.7	...	-0.1	8.6	2.9
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.6	0.0	0.6	0.6	0.6	1.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.4	0.3	9.8	0.6	0.5	10.2	2.9
By interest rate type							
Fixed	8.6	0.3	8.9	0.6	0.6	9.5	2.9
Other	0.9	0.0	0.9	0.0	-0.1	0.8	0.0
Other financial corporations	11.7	1.9	13.7	3.4	3.0	16.5	1.6
By currency							
Local currency	3.1	...	3.1	...	-0.4	2.6	1.3
US dollar	8.6	1.9	10.5	3.4	3.4	13.9	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.7	1.9	13.7	3.4	3.0	16.5	1.6
By interest rate type							
Fixed	11.2	1.9	13.1	3.4	3.0	16.0	1.1
Other	0.6	0.0	0.6	0.0	0.0	0.6	0.5
Non-financial corporations	28.6	2.0	30.6	1.7	-0.8	29.7	1.4
By currency							
Local currency	1.8	...	1.8	...	...	1.7	0.0
US dollar	24.9	2.0	26.9	1.7	-0.8	26.1	1.2
Euro	1.2	...	1.2	...	...	1.1	0.0
Other foreign currencies	0.8	0.0	0.8	0.0	0.0	0.8	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	28.6	2.0	30.6	1.7	-0.8	29.7	1.4
By interest rate type							
Fixed	26.9	2.1	29.0	1.7	-0.1	28.8	1.2
Other	1.7	0.0	1.7	0.0	-0.7	0.9	0.2

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	0.4	...	0.4	...	...	0.4	0.0
By currency							
Local currency	0.4	...	0.4	...	...	0.4	0.0
US dollar	...	...	...	...	...	...	...
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	0.4	...	0.4	...	...	0.4	0.0
By interest rate type							
Fixed	0.4	...	0.4	...	...	0.4	0.0
Other	0.0	...	0.0	...	...	0.0	0.0
National issuers							
International debt securities	101.5	2.0	103.6	6.2	1.1	104.2	14.4
Banks	33.0	-2.5	30.5	1.0	-0.6	29.9	8.6
By currency							
US dollar	30.8	-2.2	28.6	0.3	-1.0	27.6	8.3
Euro	...	...	...	...	...	...	...
Other currencies	2.2	-0.3	1.9	0.6	0.4	2.2	0.3
By original maturity							
Short-term	0.1	0.0	0.1	0.0	0.0	0.1	0.1
Long-term	32.9	-2.4	30.4	0.9	-0.6	29.8	8.5
By interest rate type							
Fixed	29.5	-2.6	26.9	0.7	-0.4	26.5	6.5
Other	3.5	0.1	3.6	0.3	-0.2	3.4	2.1
Other financial corporations	9.8	0.9	10.7	1.8	1.4	12.0	1.1
By currency							
US dollar	6.6	0.9	7.5	1.8	1.8	9.3	0.0
Euro	...	...	...	...	...	...	...
Other currencies	3.2	0.0	3.2	0.0	-0.4	2.7	1.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.8	0.9	10.7	1.8	1.4	12.0	1.1
By interest rate type							
Fixed	9.2	0.9	10.2	1.8	1.4	11.5	0.7
Other	0.5	0.0	0.5	0.0	0.0	0.5	0.5
Non-financial corporations	58.3	3.6	62.0	3.4	0.3	61.9	4.7
By currency							
US dollar	48.3	3.4	51.7	3.2	0.1	51.8	3.5
Euro	4.7	...	4.7	...	...	4.5	0.0
Other currencies	5.4	0.2	5.5	0.2	0.2	5.6	1.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	58.3	3.6	62.0	3.4	0.3	61.9	4.7
By interest rate type							
Fixed	56.1	3.6	59.7	3.3	0.9	60.3	4.4
Other	2.2	0.0	2.3	0.1	-0.6	1.6	0.3

Indonesia

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	239.0	-1.7	239.1	...	...	...	...
Financial corporations	40.5	-2.0	38.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	18.5	0.0	18.6	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	179.4	0.6	181.3	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	123.4	3.4	127.2	4.5	4.2	130.6	3.2
Banks	1.7	0.8	2.5	...	...	2.5	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.7	0.8	2.5	...	...	2.5	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.7	0.8	2.5	...	...	2.5	0.0
By interest rate type							
Fixed	1.6	0.8	2.4	...	...	2.4	0.0
Other	0.1	0.0	0.1	...	...	0.1	0.0
Other financial corporations	26.5	0.0	26.5	2.8	2.8	29.3	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	25.7	...	25.7	2.8	2.8	28.5	0.0
Euro	0.6	0.0	0.6	0.0	0.0	0.6	0.0
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.5	0.0	26.5	2.8	2.8	29.3	0.0
By interest rate type							
Fixed	26.4	0.0	26.4	2.8	2.8	29.2	0.0
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.0
Non-financial corporations	26.4	...	26.4	1.7	1.7	28.1	0.6
By currency							
Local currency	0.7	...	0.7	...	...	0.7	0.0
US dollar	25.1	...	25.1	1.5	1.5	26.6	0.6
Euro	0.6	...	0.6	...	...	0.5	0.0
Other foreign currencies	0.0	...	0.0	0.2	0.2	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	26.4	...	26.4	1.7	1.7	28.1	0.6
By interest rate type							
Fixed	26.4	...	26.4	1.7	1.7	28.1	0.6
Other	0.0	...	0.0	0.0	0.0	0.0	0.0

Indonesia (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	68.8	2.6	71.7	0.0	-0.3	70.7	2.6
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	48.6	0.8	49.4	...	...	49.4	2.0
Euro	15.4	0.8	16.4	0.0	0.0	15.7	0.0
Other foreign currencies	4.8	1.1	6.0	0.0	-0.3	5.7	0.6
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	68.8	2.6	71.7	0.0	-0.3	70.7	2.6
By interest rate type							
Fixed	68.8	2.6	71.7	0.0	-0.3	70.7	2.6
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	136.6	3.8	140.8	4.6	3.0	143.0	4.9
Banks	1.2	0.8	2.0	...	...	2.0	0.0
By currency							
US dollar	1.2	0.8	2.0	...	...	2.0	0.0
Euro	...	...	...	...	...	...	...
Other currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.2	0.8	2.0	...	...	2.0	0.0
By interest rate type							
Fixed	1.1	0.8	1.9	...	...	1.9	0.0
Other	0.1	0.0	0.1	...	...	0.1	0.0
Other financial corporations	25.3	0.0	25.3	2.8	2.8	28.1	0.1
By currency							
US dollar	24.7	...	24.7	2.8	2.8	27.5	0.1
Euro	0.6	0.0	0.6	0.0	0.0	0.6	0.0
Other currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	25.3	0.0	25.3	2.8	2.8	28.1	0.1
By interest rate type							
Fixed	25.2	0.0	25.2	2.8	2.8	28.0	0.0
Other	0.1	0.0	0.1	0.0	0.0	0.1	0.1
Non-financial corporations	41.3	0.5	41.7	1.8	0.5	42.2	2.2
By currency							
US dollar	39.5	0.5	40.0	1.6	0.3	40.3	2.2
Euro	0.6	...	0.6	...	...	0.5	0.0
Other currencies	1.2	0.0	1.2	0.2	0.2	1.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	41.3	0.5	41.7	1.8	0.5	42.2	2.2
By interest rate type							
Fixed	41.1	0.5	41.6	1.8	0.5	42.1	2.2
Other	0.2	0.0	0.2	0.0	0.0	0.2	0.0

Italy

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	3,154.2	32.1	3,226.4	...	...	...	...
Financial corporations	749.7	-0.3	758.4	...	...	...	...
Non-financial corporations	157.6	2.8	162.4	...	...	...	...
General government	2,246.9	29.6	2,305.6	...	...	...	...
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	815.7	-3.7	821.4	31.7	7.8	795.8	60.1
Banks	252.9	-0.8	254.9	18.0	13.5	258.5	32.3
By currency							
Local currency	217.6	-2.5	217.9	15.7	11.6	219.7	32.0
US dollar	31.9	1.7	33.6	2.3	1.9	35.5	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	3.4	0.0	3.4	0.0	-0.1	3.2	0.3
By original maturity							
Short-term	0.1	0.1	0.3	0.2	0.2	0.4	0.4
Long-term	252.8	-1.0	254.6	17.8	13.3	258.1	31.8
By interest rate type							
Fixed	184.0	2.4	188.4	15.7	11.9	193.4	24.6
Other	68.9	-3.3	66.4	2.2	1.6	65.1	7.7
Other financial corporations	314.5	-2.0	316.5	2.8	1.2	304.0	5.4
By currency							
Local currency	312.8	-2.0	314.9	2.1	0.6	301.8	5.4
US dollar	0.3	...	0.3	0.5	0.5	0.8	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.3	0.0	1.3	0.1	0.1	1.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	314.5	-2.0	316.5	2.8	1.2	304.0	5.4
By interest rate type							
Fixed	73.6	-0.9	73.6	0.8	-0.6	69.8	2.8
Other	240.9	-1.0	242.9	2.0	1.8	234.2	2.6
Non-financial corporations	155.6	1.3	158.6	7.6	-4.7	147.6	17.2
By currency							
Local currency	139.9	2.1	143.9	7.6	-2.7	135.0	17.0
US dollar	10.1	1.0	11.1	...	-2.0	9.1	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	5.6	-1.8	3.7	0.0	0.0	3.6	0.1
By original maturity							
Short-term	1.3	0.5	1.9	2.4	0.7	2.4	2.4
Long-term	154.3	0.8	156.7	5.2	-5.4	145.2	14.8
By interest rate type							
Fixed	136.2	1.3	139.0	7.1	-2.0	131.5	16.6
Other	19.4	0.0	19.6	0.6	-2.7	16.1	0.6

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	92.7	-2.2	91.5	3.4	-2.2	85.7	5.2
By currency							
Local currency	83.1	-2.2	81.9	3.4	-2.2	76.2	4.8
US dollar	6.9	...	6.9	...	...	6.9	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	2.7	0.0	2.7	0.0	0.0	2.6	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	92.7	-2.2	91.5	3.4	-2.2	85.7	5.2
By interest rate type							
Fixed	59.3	-2.1	57.8	3.4	-1.1	54.5	1.7
Other	33.4	-0.2	33.7	0.0	-1.1	31.1	3.4
National issuers							
International debt securities	917.2	-10.4	916.7	39.1	8.0	889.4	87.7
Banks	392.8	-3.8	393.5	25.0	14.8	392.6	45.4
By currency							
US dollar	34.8	1.8	36.6	3.6	3.0	39.6	0.6
Euro	353.3	-5.7	352.2	20.9	11.5	348.1	44.3
Other currencies	4.7	0.1	4.8	0.4	0.2	4.9	0.4
By original maturity							
Short-term	6.4	0.3	6.7	5.3	2.7	9.0	9.0
Long-term	386.5	-4.1	386.8	19.7	12.1	383.6	36.3
By interest rate type							
Fixed	214.1	2.5	218.9	22.2	14.0	224.8	35.2
Other	178.7	-6.3	174.6	2.8	0.8	167.9	10.2
Other financial corporations	187.1	-1.1	188.3	1.1	-0.2	180.3	6.7
By currency							
US dollar	1.4	0.1	1.5	0.0	0.0	1.5	0.3
Euro	180.0	-0.8	181.5	0.9	-0.3	173.3	6.4
Other currencies	5.7	-0.3	5.4	0.1	0.1	5.4	0.0
By original maturity							
Short-term	...	0.1	0.1	...	...	0.1	0.1
Long-term	187.1	-1.1	188.3	1.1	-0.2	180.2	6.7
By interest rate type							
Fixed	61.7	0.2	62.6	1.1	0.3	60.4	4.7
Other	125.3	-1.2	125.7	0.0	-0.4	119.9	2.1
Non-financial corporations	246.0	-3.3	244.9	9.7	-4.4	232.2	30.4
By currency							
US dollar	50.2	-0.6	49.6	1.5	-1.4	48.2	5.4
Euro	185.1	-0.9	186.6	8.2	-2.6	176.0	24.5
Other currencies	10.7	-1.8	8.7	0.0	-0.5	8.0	0.5
By original maturity							
Short-term	5.6	-2.4	3.2	2.6	0.3	3.4	3.2
Long-term	240.4	-0.9	241.7	7.0	-4.8	228.8	27.2
By interest rate type							
Fixed	221.5	-3.2	220.2	9.1	-1.5	211.4	28.7
Other	24.6	-0.1	24.7	0.6	-2.9	20.8	1.7

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	12,384.8	...	12,767.4	...	...	...	...
Financial corporations	2,511.0	...	2,546.9	...	...	...	...
Non-financial corporations	680.9	...	725.1	...	...	...	...
General government	9,192.9	...	9,495.4	...	...	...	...
Domestic debt securities	11,984.7	42.4	12,365.8	...	...	...	...
Financial corporations	2,227.4	-27.9	2,261.8	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	569.8	27.6	614.1	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	9,187.5	42.6	9,489.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	441.6	1.1	445.0	43.0	21.5	463.9	63.4
Banks	235.0	-0.4	235.1	32.0	18.3	252.3	41.4
By currency							
Local currency	14.8	-0.6	14.6	0.8	-0.8	13.9	2.6
US dollar	193.7	-2.8	190.9	28.4	19.0	209.9	32.9
Euro	18.6	2.4	21.3	1.3	0.7	21.0	3.0
Other foreign currencies	7.9	0.5	8.2	1.5	-0.6	7.4	2.9
By original maturity							
Short-term	8.3	0.5	8.8	6.3	-0.2	8.5	8.5
Long-term	226.7	-1.0	226.3	25.6	18.6	243.8	32.9
By interest rate type							
Fixed	197.5	0.0	198.0	29.9	17.7	214.7	30.9
Other	37.5	-0.4	37.2	2.0	0.6	37.5	10.4
Other financial corporations	90.0	3.0	93.4	3.2	0.2	93.3	8.1
By currency							
Local currency	13.9	0.5	14.7	1.0	0.0	14.7	2.3
US dollar	71.7	2.6	74.3	0.6	-1.1	73.3	5.5
Euro	3.6	-0.1	3.6	1.5	1.4	4.8	0.3
Other foreign currencies	0.7	0.0	0.7	0.0	-0.2	0.5	0.0
By original maturity							
Short-term	1.9	0.0	2.0	0.5	-0.4	1.5	1.5
Long-term	88.1	2.9	91.4	2.7	0.6	91.7	6.6
By interest rate type							
Fixed	69.2	2.9	72.4	3.1	1.0	73.2	4.1
Other	20.8	0.1	21.0	0.0	-0.8	20.1	4.1
Non-financial corporations	111.1	-1.4	111.0	7.9	3.0	112.9	12.9
By currency							
Local currency	44.9	-2.2	43.9	0.1	-2.1	41.6	7.7
US dollar	44.6	0.5	45.1	7.2	4.4	49.5	3.6
Euro	19.6	0.2	20.0	0.3	0.3	19.5	1.6
Other foreign currencies	2.1	0.0	2.0	0.3	0.3	2.3	0.1
By original maturity							
Short-term	0.0	...	0.0	0.4	0.4	0.5	0.5
Long-term	111.1	-1.4	111.0	7.5	2.5	112.5	12.4
By interest rate type							
Fixed	61.8	0.7	62.8	7.8	4.7	66.7	4.6
Other	49.4	-2.1	48.3	0.1	-1.8	46.3	8.3

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	5.5	0.0	5.5	...	...	5.5	1.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.0	0.0	4.0	...	...	4.0	1.0
Euro	1.4	...	1.4	...	...	1.4	0.0
Other foreign currencies	0.1	0.0	0.1	...	...	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.5	0.0	5.5	...	...	5.5	1.0
By interest rate type							
Fixed	5.5	0.0	5.5	...	...	5.5	1.0
Other	0.0	0.0	0.0	...	...	0.0	0.0
National issuers							
International debt securities	628.2	-0.3	630.5	93.4	27.6	652.6	131.4
Banks	307.6	-2.9	305.5	66.4	20.7	324.0	85.0
By currency							
US dollar	223.0	-5.1	217.9	47.2	20.5	238.4	58.6
Euro	32.2	1.5	34.1	8.4	1.5	34.1	12.3
Other currencies	52.5	0.7	53.6	10.8	-1.3	51.5	14.1
By original maturity							
Short-term	53.9	-3.3	50.4	38.4	0.6	50.2	50.2
Long-term	253.7	0.3	255.1	28.0	20.1	273.8	34.8
By interest rate type							
Fixed	264.6	-1.8	263.4	63.8	19.8	281.3	73.6
Other	43.1	-1.1	42.2	2.5	0.9	42.7	11.4
Other financial corporations	137.6	3.7	141.9	8.6	-1.2	140.1	13.8
By currency							
US dollar	103.8	3.3	107.1	3.0	-3.0	104.1	7.8
Euro	10.7	0.0	10.8	3.1	1.6	11.9	2.1
Other currencies	23.1	0.3	24.0	2.5	0.2	24.0	3.8
By original maturity							
Short-term	8.2	-0.3	7.9	5.8	-0.8	7.1	7.1
Long-term	129.4	3.9	134.0	2.8	-0.4	133.0	6.7
By interest rate type							
Fixed	105.2	3.1	108.8	8.2	-0.6	107.7	10.2
Other	32.4	0.5	33.1	0.4	-0.5	32.4	3.5
Non-financial corporations	177.5	-1.1	177.6	18.5	8.1	183.0	31.6
By currency							
US dollar	70.7	-1.3	69.5	8.9	6.0	75.5	9.5
Euro	36.3	1.7	38.5	3.3	0.7	37.5	5.6
Other currencies	70.4	-1.5	69.6	6.2	1.4	70.0	16.5
By original maturity							
Short-term	8.5	-1.0	7.4	8.1	3.5	10.6	10.6
Long-term	169.0	0.0	170.2	10.4	4.6	172.4	21.0
By interest rate type							
Fixed	117.2	0.3	117.6	16.4	8.9	124.3	20.5
Other	60.3	-1.3	60.0	2.0	-0.8	58.7	11.1

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	1,702.3	25.5	1,699.1	...	...	...	...
Financial corporations	530.5	4.1	525.6	...	...	...	...
Short-term	85.6	-4.8	79.3	...	...	...	...
Long-term	444.9	8.9	446.3	...	...	...	...
Non-financial corporations	531.4	6.9	529.3	...	...	...	...
Short-term	7.6	0.5	8.0	...	...	...	...
Long-term	523.8	6.4	521.3	...	...	...	...
General government	640.5	14.5	644.2	...	...	...	...
Short-term	14.1	-0.1	13.7	...	...	...	...
Long-term	626.4	14.6	630.5	...	...	...	...
International debt securities	195.7	3.7	199.6	16.0	4.4	202.5	39.2
Banks	109.3	2.3	111.7	9.0	0.5	111.1	30.1
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	81.3	0.7	82.0	5.5	-0.3	81.7	21.3
Euro	6.0	1.0	7.1	2.2	1.0	7.8	3.2
Other foreign currencies	22.0	0.5	22.6	1.3	-0.2	21.7	5.6
By original maturity							
Short-term	10.8	1.7	12.5	5.5	0.0	12.4	12.4
Long-term	98.4	0.6	99.1	3.5	0.6	98.8	17.8
By interest rate type							
Fixed	88.1	1.5	89.8	7.7	-0.1	88.9	24.1
Other	21.1	0.7	21.9	1.3	0.6	22.3	6.0
Other financial corporations	23.3	0.5	23.9	1.3	-1.2	22.5	2.1
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	19.5	0.0	19.4	1.3	-1.2	18.3	1.9
Euro	2.3	0.6	2.9	...	-0.1	2.6	0.0
Other foreign currencies	1.6	0.0	1.6	0.1	0.0	1.6	0.2
By original maturity							
Short-term	0.4	0.0	0.4	0.3	0.0	0.3	0.3
Long-term	22.9	0.5	23.5	1.0	-1.2	22.1	1.7
By interest rate type							
Fixed	18.8	0.5	19.3	1.3	-0.5	18.8	1.8
Other	4.5	0.0	4.5	0.1	-0.8	3.7	0.2
Non-financial corporations	55.9	0.9	56.9	5.7	5.1	61.8	7.0
By currency							
Local currency	0.5	...	0.5	...	...	0.4	0.0
US dollar	46.1	0.9	47.0	5.1	4.5	51.5	5.4
Euro	2.2	0.1	2.3	...	...	2.2	0.0
Other foreign currencies	7.2	-0.1	7.2	0.6	0.6	7.7	1.6
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	55.9	0.9	56.9	5.7	5.1	61.8	7.0
By interest rate type							
Fixed	48.4	1.1	49.6	3.2	2.6	52.0	4.0
Other	7.5	-0.2	7.3	2.5	2.5	9.8	3.0

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	7.2	0.0	7.2	...	...	7.1	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	5.9	0.0	5.9	...	...	5.9	0.0
Euro	1.3	...	1.3	...	...	1.2	0.0
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.2	0.0	7.2	...	...	7.1	0.0
By interest rate type							
Fixed	7.2	0.0	7.2	...	...	7.1	0.0
Other	0.0	0.0	0.0	...	...	0.0	0.0
National issuers							
International debt securities	202.0	4.0	206.4	18.4	5.5	210.3	42.1
Banks	107.3	2.7	110.1	11.4	2.6	111.6	29.8
By currency							
US dollar	76.9	1.3	78.2	6.6	1.5	79.7	18.6
Euro	7.5	1.1	8.7	3.0	1.1	9.4	4.9
Other currencies	22.9	0.3	23.2	1.8	-0.1	22.4	6.3
By original maturity							
Short-term	8.9	2.0	11.0	7.5	1.3	12.1	12.1
Long-term	98.3	0.7	99.1	3.9	1.3	99.4	17.7
By interest rate type							
Fixed	85.6	1.8	87.6	9.8	1.5	88.3	23.7
Other	21.7	0.9	22.5	1.7	1.0	23.3	6.1
Other financial corporations	15.5	0.5	16.1	1.3	-1.0	15.0	1.2
By currency							
US dollar	14.0	0.0	14.0	1.3	-0.9	13.1	1.1
Euro	1.1	0.6	1.7	...	-0.1	1.5	0.0
Other currencies	0.3	0.0	0.3	0.1	0.0	0.4	0.0
By original maturity							
Short-term	0.4	0.0	0.4	0.3	0.0	0.3	0.3
Long-term	15.1	0.5	15.7	1.0	-0.9	14.7	0.8
By interest rate type							
Fixed	10.9	0.5	11.5	1.3	-0.1	11.3	0.9
Other	4.6	0.0	4.6	0.1	-0.9	3.7	0.3
Non-financial corporations	72.1	0.8	73.0	5.7	3.9	76.6	11.1
By currency							
US dollar	57.3	0.7	58.0	5.1	3.3	61.4	9.1
Euro	3.6	0.1	3.7	...	...	3.5	0.0
Other currencies	11.2	-0.1	11.3	0.6	0.6	11.7	2.1
By original maturity							
Short-term	...	0.0	0.0	...	...	0.0	0.0
Long-term	72.1	0.7	73.0	5.7	3.9	76.6	11.1
By interest rate type							
Fixed	61.0	1.1	62.2	3.2	1.5	63.5	7.4
Other	11.1	-0.3	10.8	2.5	2.4	13.1	3.7

Malaysia

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	404.5	...	410.1	...	...	...	...
Financial corporations	46.8	...	43.2	...	...	...	...
Non-financial corporations	167.3	...	173.8	...	...	...	...
General government	190.3	...	193.0	...	...	...	...
Domestic debt securities	365.7	10.2	370.8	...	...	...	...
Financial corporations	38.1	-3.7	33.9	...	...	...	...
Short-term	14.1	-3.3	10.6	...	...	...	...
Long-term	24.0	-0.4	23.3	...	...	...	...
Non-financial corporations	141.8	8.6	148.5	...	...	...	...
Short-term	3.4	0.3	3.6	...	...	...	...
Long-term	138.4	8.4	144.9	...	...	...	...
General government	185.8	5.2	188.5	...	...	...	...
Short-term	1.6	0.2	1.8	...	...	...	...
Long-term	184.2	5.0	186.6	...	...	...	...
International debt securities	49.9	3.6	53.5	2.7	-1.8	51.5	8.1
Banks	15.8	3.3	19.1	2.2	1.1	20.0	4.9
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	11.0	-0.3	10.7	2.1	1.5	12.2	2.1
Euro	0.0	...	0.0	...	...	0.0	0.0
Other foreign currencies	4.7	3.5	8.3	0.1	-0.4	7.7	2.8
By original maturity							
Short-term	0.5	0.3	0.7	0.4	0.4	1.1	1.1
Long-term	15.3	3.0	18.3	1.8	0.7	18.8	3.8
By interest rate type							
Fixed	11.5	3.6	15.2	0.4	-0.7	14.3	4.1
Other	4.3	-0.3	3.9	1.8	1.7	5.6	0.8
Other financial corporations	23.5	0.3	23.8	0.5	-2.9	20.9	3.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	22.5	0.3	22.8	0.5	-2.9	19.9	2.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.0	0.0	1.0	0.0	0.0	1.0	0.7
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	23.5	0.3	23.8	0.5	-2.9	20.9	3.2
By interest rate type							
Fixed	20.3	0.3	20.7	...	-3.4	17.2	3.2
Other	3.1	0.0	3.1	0.5	0.5	3.6	0.0
Non-financial corporations	4.2	...	4.2	...	...	4.2	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.1	...	4.1	...	...	4.1	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	...	0.1	...	...	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.2	...	4.2	...	...	4.2	0.0
By interest rate type							
Fixed	3.9	...	3.9	...	...	3.9	0.0
Other	0.3	...	0.3	...	...	0.3	0.0

Malaysia (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
General government	6.4	...	6.5	...	...	6.5	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	4.6	...	4.6	...	...	4.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	1.8	...	1.9	...	...	1.9	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	6.4	...	6.5	...	...	6.5	0.0
By interest rate type							
Fixed	6.4	...	6.5	...	...	6.5	0.0
Other	0.0	...	0.0	...	...	0.0	0.0
National issuers							
International debt securities	66.6	5.1	71.9	3.1	-1.8	69.7	9.7
Banks	16.9	3.7	20.6	2.2	0.7	21.1	4.9
By currency							
US dollar	12.1	-0.3	11.8	2.1	1.1	12.9	2.1
Euro	0.0	...	0.0	...	...	0.0	0.0
Other currencies	4.8	3.9	8.8	0.1	-0.4	8.2	2.9
By original maturity							
Short-term	0.5	0.3	0.7	0.4	0.4	1.1	1.1
Long-term	16.5	3.4	19.9	1.8	0.3	20.0	3.9
By interest rate type							
Fixed	12.9	3.7	16.7	0.4	-1.1	15.5	4.2
Other	4.0	-0.1	3.9	1.8	1.7	5.6	0.8
Other financial corporations	14.0	0.0	14.0	0.5	0.5	14.5	1.7
By currency							
US dollar	13.0	0.0	13.0	0.5	0.5	13.5	0.9
Euro	...	...	...	...	...	...	...
Other currencies	1.0	0.0	1.0	0.0	0.0	0.9	0.7
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	14.0	0.0	14.0	0.5	0.5	14.5	1.7
By interest rate type							
Fixed	11.0	...	11.0	...	...	11.0	1.7
Other	3.0	0.0	3.0	0.5	0.5	3.5	0.0
Non-financial corporations	29.3	1.5	30.8	0.4	-2.9	27.7	3.2
By currency							
US dollar	18.3	1.3	19.6	...	-3.1	16.5	1.7
Euro	0.0	...	0.0	...	...	0.0	0.0
Other currencies	11.0	0.2	11.2	0.4	0.2	11.2	1.4
By original maturity							
Short-term	...	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	29.3	1.4	30.8	0.4	-2.9	27.6	3.1
By interest rate type							
Fixed	26.4	1.5	27.9	0.4	-2.8	24.9	2.3
Other	2.9	-0.1	2.9	0.0	-0.1	2.8	0.9

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	573.4	12.2	589.5	...	...	...	...
Financial corporations	165.6	2.5	169.2	...	...	...	...
Short-term	44.3	-0.9	43.7	...	...	...	...
Long-term	118.1	2.6	121.4	...	...	...	...
Non-financial corporations	44.9	0.9	46.2	...	...	...	...
Short-term	0.6	0.0	0.6	...	...	...	...
Long-term	43.5	0.9	44.7	...	...	...	...
General government	362.9	8.8	374.2	...	...	...	...
Short-term	42.8	6.6	49.6	...	...	...	...
Long-term	320.1	2.2	324.5	...	...	...	...
International debt securities	270.5	5.5	276.8	17.5	14.6	288.8	18.5
Banks	15.7	-3.0	12.7	0.8	0.8	13.5	1.0
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.0
US dollar	15.5	-3.0	12.5	0.8	0.8	13.2	1.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.0	0.1	0.0	0.0	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	15.7	-3.0	12.7	0.8	0.8	13.5	1.0
By interest rate type							
Fixed	12.5	...	12.5	0.8	0.8	13.2	1.0
Other	3.3	-3.0	0.3	0.0	0.0	0.3	0.0
Other financial corporations	20.2	1.8	21.9	1.5	1.5	23.3	0.0
By currency							
Local currency	0.8	...	0.9	...	...	0.8	0.0
US dollar	18.7	1.8	20.4	1.5	1.5	21.9	0.0
Euro	0.4	...	0.5	...	...	0.4	0.0
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	20.2	1.8	21.9	1.5	1.5	23.3	0.0
By interest rate type							
Fixed	19.9	1.5	21.4	1.5	1.5	22.8	0.0
Other	0.2	0.3	0.5	0.0	0.0	0.5	0.0
Non-financial corporations	159.7	4.4	164.5	11.6	10.3	173.1	14.3
By currency							
Local currency	10.9	-0.5	10.5	...	...	10.2	0.5
US dollar	113.2	4.1	117.3	11.6	11.4	128.6	10.4
Euro	28.6	1.1	30.2	...	-1.1	27.8	3.3
Other foreign currencies	7.0	-0.3	6.6	0.0	0.0	6.4	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	159.7	4.4	164.5	11.6	10.3	173.1	14.3
By interest rate type							
Fixed	152.0	4.4	156.7	11.6	10.3	165.5	10.6
Other	7.7	0.0	7.8	0.0	0.0	7.6	3.7

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	74.9	2.4	77.6	3.6	2.2	78.9	3.2
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	51.5	...	51.5	2.1	1.1	52.6	1.3
Euro	15.6	2.8	18.7	...	0.0	17.9	0.4
Other foreign currencies	7.8	-0.4	7.5	1.5	1.1	8.4	1.4
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	74.9	2.4	77.6	3.6	2.2	78.9	3.2
By interest rate type							
Fixed	74.9	2.4	77.6	3.6	2.2	78.9	3.2
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	265.9	5.8	272.4	17.6	13.4	283.1	19.5
Banks	7.7	1.0	8.7	0.9	-0.5	8.1	1.2
By currency							
US dollar	7.2	0.7	7.9	0.7	-0.7	7.3	1.2
Euro	...	...	...	...	...	...	...
Other currencies	0.5	0.2	0.7	0.2	0.2	0.9	0.0
By original maturity							
Short-term	2.1	-0.4	1.7	0.6	-0.7	1.0	1.0
Long-term	5.6	1.3	6.9	0.2	0.2	7.2	0.2
By interest rate type							
Fixed	7.4	1.0	8.4	0.9	-0.5	7.9	1.2
Other	0.3	0.0	0.3	0.0	0.0	0.3	0.0
Other financial corporations	11.0	1.0	12.0	1.2	1.2	13.1	0.0
By currency							
US dollar	10.2	1.0	11.2	1.2	1.2	12.3	0.0
Euro	0.1	...	0.1	...	...	0.1	0.0
Other currencies	0.7	0.0	0.7	0.0	0.0	0.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.0	1.0	12.0	1.2	1.2	13.1	0.0
By interest rate type							
Fixed	10.7	1.0	11.7	1.2	1.2	12.9	0.0
Other	0.3	0.0	0.3	0.0	0.0	0.3	0.0
Non-financial corporations	172.4	1.4	174.1	11.9	10.6	182.9	15.2
By currency							
US dollar	125.2	1.3	126.5	11.9	11.7	138.2	11.5
Euro	30.5	0.9	31.8	...	-1.1	29.4	3.3
Other currencies	16.7	-0.8	15.8	0.0	0.0	15.4	0.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	172.4	1.4	174.1	11.9	10.6	182.9	15.2
By interest rate type							
Fixed	164.6	1.4	166.4	11.9	10.6	175.3	11.5
Other	7.7	0.0	7.8	0.0	0.0	7.6	3.7

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	2,147.4	-4.4	2,173.5	...	...	...	...
Financial corporations	1,640.0	-16.7	1,647.0	...	...	...	...
Non-financial corporations	151.8	5.2	158.9	...	...	...	...
General government	355.6	7.2	367.6	...	...	...	...
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	2,067.0	-10.4	2,072.6	129.6	29.7	2,037.8	263.6
Banks	641.2	0.7	647.0	46.8	8.7	635.9	114.5
By currency							
Local currency	388.7	9.6	403.4	14.2	1.9	387.9	43.3
US dollar	165.3	-7.1	158.2	22.9	3.4	161.6	49.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	87.2	-1.8	85.4	9.7	3.4	86.4	21.9
By original maturity							
Short-term	35.9	-5.2	30.8	23.4	5.6	36.1	34.7
Long-term	605.3	5.9	616.2	23.3	3.1	599.8	79.8
By interest rate type							
Fixed	540.8	-2.6	542.4	38.9	5.8	531.6	91.0
Other	100.5	3.3	104.6	7.9	2.9	104.2	23.6
Other financial corporations	1,223.8	-10.3	1,222.9	70.3	18.9	1,202.8	127.6
By currency							
Local currency	826.7	-2.3	835.1	40.1	16.7	815.4	66.5
US dollar	316.2	-8.1	308.0	22.1	-0.1	307.9	42.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	80.9	0.1	79.8	8.2	2.3	79.6	18.9
By original maturity							
Short-term	55.8	-14.3	41.5	26.3	3.8	44.1	43.8
Long-term	1,168.0	4.0	1,181.4	44.0	15.0	1,158.8	83.8
By interest rate type							
Fixed	768.4	-11.5	761.0	62.8	22.8	763.4	97.4
Other	455.4	1.3	461.9	7.6	-4.0	439.4	30.2
Non-financial corporations	200.8	0.3	202.6	9.5	-1.0	195.9	18.4
By currency							
Local currency	121.7	4.7	128.0	9.3	1.3	123.7	14.2
US dollar	71.2	-3.5	67.7	0.0	-1.8	65.9	3.4
Euro	...	...	...	...	...	...	...
Other foreign currencies	7.9	-0.8	7.0	0.1	-0.5	6.3	0.8
By original maturity							
Short-term	7.1	0.2	7.4	5.1	-1.5	5.6	5.6
Long-term	193.7	0.1	195.3	4.3	0.5	190.3	12.8
By interest rate type							
Fixed	183.1	0.2	184.7	8.4	-1.1	178.2	16.1
Other	17.7	0.1	17.9	1.1	0.2	17.7	2.4

Netherlands (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	1.2	-1.1	0.1	3.1	3.1	3.2	3.1
By currency							
Local currency	0.7	-0.6	0.1	...	...	0.1	0.0
US dollar	0.5	-0.5	...	3.1	3.1	3.1	3.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	1.1	-1.1	...	3.1	3.1	3.1	3.1
Long-term	0.1	...	0.1	...	...	0.1	0.0
By interest rate type							
Fixed	1.2	-1.1	0.1	3.1	3.1	3.2	3.1
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	1,239.0	-9.5	1,238.8	83.4	25.6	1,225.5	169.4
Banks	678.2	-7.0	676.7	40.3	14.9	669.4	98.1
By currency							
US dollar	158.0	-8.7	149.3	21.0	5.1	154.4	45.2
Euro	451.6	4.4	461.9	14.3	9.0	450.7	36.0
Other currencies	68.6	-2.8	65.4	5.0	0.9	64.3	17.0
By original maturity							
Short-term	36.6	-8.5	28.0	22.8	6.3	34.0	34.0
Long-term	641.6	1.5	648.7	17.6	8.7	635.5	64.2
By interest rate type							
Fixed	472.8	-7.6	468.3	36.2	12.2	466.7	77.6
Other	205.4	0.6	208.3	4.1	2.7	202.7	20.6
Other financial corporations	354.9	-3.4	354.0	28.9	8.2	350.6	45.2
By currency							
US dollar	85.7	-5.4	80.3	13.3	3.6	83.8	17.8
Euro	234.6	0.7	238.3	12.0	4.9	232.9	16.3
Other currencies	34.6	1.3	35.3	3.5	-0.3	33.9	11.1
By original maturity							
Short-term	32.9	-11.5	21.2	16.5	7.5	28.1	28.1
Long-term	322.0	8.1	332.7	12.4	0.7	322.5	17.0
By interest rate type							
Fixed	194.5	-5.4	190.1	24.1	9.8	194.2	38.5
Other	160.4	1.9	163.9	4.7	-1.6	156.4	6.7
Non-financial corporations	204.8	2.0	208.1	11.2	-0.5	202.3	23.0
By currency							
US dollar	86.4	-3.4	83.0	1.4	-2.5	80.6	7.3
Euro	107.1	5.6	114.1	9.6	2.4	111.5	14.5
Other currencies	11.3	-0.1	11.0	0.2	-0.5	10.2	1.2
By original maturity							
Short-term	10.0	-0.7	9.4	4.6	-0.8	8.1	8.1
Long-term	194.8	2.7	198.7	6.6	0.3	194.1	14.9
By interest rate type							
Fixed	191.6	1.7	194.5	8.2	-1.2	188.4	18.8
Other	13.2	0.3	13.6	3.0	0.6	13.8	4.2

Poland

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	314.8	...	325.3	...	...	...	...
Financial corporations	45.6	...	48.4	...	...	...	...
Non-financial corporations	27.5	...	28.3	...	...	...	...
General government	241.7	...	248.6	...	...	...	...
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	74.8	-0.9	74.7	...	-3.9	68.3	11.2
Banks	10.2	0.1	10.5	...	...	10.1	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	1.0	...	1.0	...	...	1.0	0.0
Euro	8.6	0.1	8.9	...	...	8.5	0.0
Other foreign currencies	0.6	0.0	0.6	...	...	0.6	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.2	0.1	10.5	...	...	10.1	0.0
By interest rate type							
Fixed	9.6	0.1	9.9	...	...	9.5	0.0
Other	0.6	0.0	0.6	...	...	0.5	0.0
Other financial corporations	1.5	...	1.5	...	...	1.5	0.6
By currency							
Local currency	0.3	...	0.3	...	...	0.3	0.0
US dollar	...	...	...	...	...	...	...
Euro	1.2	...	1.2	...	...	1.2	0.6
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.5	...	1.5	...	...	1.5	0.6
By interest rate type							
Fixed	1.4	...	1.4	...	...	1.3	0.6
Other	0.2	...	0.2	...	...	0.2	0.0
Non-financial corporations	1.3	0.0	1.3	...	...	1.3	0.7
By currency							
Local currency	0.0	0.0	0.0	...	...	0.0	0.0
US dollar	0.7	...	0.7	...	...	0.7	0.7
Euro	0.6	...	0.6	...	...	0.5	0.0
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	0.0	1.3	...	...	1.3	0.7
By interest rate type							
Fixed	1.3	0.0	1.3	...	...	1.3	0.7
Other	0.0	0.0	0.0	...	...	0.0	0.0

Poland (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	61.7	-1.0	61.4	...	-3.9	55.5	9.9
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	14.5	...	14.5	...	-3.5	11.0	0.0
Euro	43.2	...	43.8	...	...	41.9	9.9
Other foreign currencies	4.1	-1.0	3.1	...	-0.4	2.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	61.7	-1.0	61.4	...	-3.9	55.5	9.9
By interest rate type							
Fixed	58.0	-1.0	57.6	...	-3.9	51.9	6.3
Other	3.7	0.0	3.8	...	0.0	3.6	3.6
National issuers							
International debt securities	78.5	-1.4	77.9	0.4	-4.5	70.8	12.2
Banks	9.5	0.1	9.8	...	...	9.4	0.0
By currency							
US dollar	1.0	...	1.0	...	...	1.0	0.0
Euro	8.1	0.1	8.4	...	...	8.0	0.0
Other currencies	0.4	0.0	0.4	...	...	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.5	0.1	9.8	...	...	9.4	0.0
By interest rate type							
Fixed	9.0	0.1	9.2	...	...	8.9	0.0
Other	0.6	0.0	0.6	...	...	0.5	0.0
Other financial corporations	1.3	...	1.3	0.4	-0.6	0.7	0.1
By currency							
US dollar	...	...	...	0.4	0.4	0.4	0.0
Euro	1.0	...	1.1	...	-0.9	0.1	0.1
Other currencies	0.3	...	0.3	0.0	0.0	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	...	1.3	0.4	-0.6	0.7	0.1
By interest rate type							
Fixed	1.2	...	1.2	...	-0.9	0.2	0.1
Other	0.1	...	0.1	0.4	0.4	0.5	0.0
Non-financial corporations	5.9	-0.6	5.4	...	...	5.2	2.2
By currency							
US dollar	0.7	...	0.7	...	...	0.7	0.7
Euro	5.2	-0.6	4.7	...	...	4.5	1.5
Other currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.9	-0.6	5.4	...	...	5.2	2.2
By interest rate type							
Fixed	5.8	-0.6	5.3	...	...	5.1	2.1
Other	0.1	0.0	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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	492.1	...	528.8	...	...	...	...
Financial corporations	139.3	...	150.7	...	...	...	...
Non-financial corporations	178.6	...	186.6	...	...	...	...
General government	174.2	...	191.5	...	...	...	...
Domestic debt securities	336.4	19.5	366.8	...	...	...	...
Financial corporations	96.2	6.9	106.2	...	...	...	...
Short-term	23.7	4.3	28.8	...	...	...	...
Long-term	72.5	2.6	77.4	...	...	...	...
Non-financial corporations	104.5	2.5	110.2	...	...	...	...
Short-term	0.0	0.0	0.0	...	...	...	...
Long-term	104.4	2.5	110.2	...	...	...	...
General government	135.8	10.1	150.3	...	...	...	...
Short-term	0.0	0.0	0.0	...	...	...	...
Long-term	135.7	10.1	150.3	...	...	...	...
International debt securities	94.6	-1.2	93.5	1.3	-3.3	89.8	11.2
Banks	22.4	-0.7	21.7	...	-2.6	19.0	1.5
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.0
US dollar	19.1	-0.7	18.4	...	-1.5	16.9	1.5
Euro	2.2	0.0	2.3	...	-1.1	1.1	0.0
Other foreign currencies	0.9	0.0	0.9	...	0.0	0.9	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	22.4	-0.7	21.7	...	-2.6	19.0	1.5
By interest rate type							
Fixed	21.2	-0.7	20.5	...	-2.6	17.8	1.5
Other	1.2	0.0	1.2	...	0.0	1.2	0.0
Other financial corporations	5.8	-0.5	5.3	...	-0.7	4.6	0.3
By currency							
Local currency	0.2	0.0	0.2	...	...	0.2	0.0
US dollar	5.6	-0.5	5.1	...	-0.7	4.4	0.3
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.8	-0.5	5.3	...	-0.7	4.6	0.3
By interest rate type							
Fixed	5.6	-0.5	5.1	...	-0.7	4.4	0.3
Other	0.2	0.0	0.2	...	0.0	0.2	0.0
Non-financial corporations	28.4	-2.5	26.0	1.3	0.8	26.6	3.4
By currency							
Local currency	2.3	-0.3	2.1	0.2	0.2	2.2	0.0
US dollar	20.9	-2.8	18.2	1.1	0.6	18.8	2.9
Euro	1.7	0.6	2.3	...	...	2.2	0.0
Other foreign currencies	3.5	0.0	3.5	0.0	0.0	3.4	0.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	28.4	-2.5	26.0	1.3	0.8	26.6	3.4
By interest rate type							
Fixed	28.2	-2.5	25.8	1.3	0.8	26.4	3.4
Other	0.3	0.0	0.3	0.0	0.0	0.3	0.0

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	38.0	2.5	40.5	...	-0.8	39.6	5.9
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	36.0	2.5	38.5	...	-0.8	37.7	5.1
Euro	1.9	...	2.0	...	...	1.9	0.8
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	38.0	2.5	40.5	...	-0.8	39.6	5.9
By interest rate type							
Fixed	38.0	2.5	40.5	...	-0.8	39.6	5.9
Other	0.0	0.0	0.0	...	0.0	0.0	0.0
National issuers							
International debt securities	179.9	-3.3	176.9	3.5	-1.3	174.6	22.0
Banks	51.7	-3.7	48.2	0.0	-0.8	47.2	6.4
By currency							
US dollar	48.0	-3.7	44.3	0.0	-0.8	43.6	4.9
Euro	2.7	...	2.7	...	...	2.6	1.5
Other currencies	1.1	0.0	1.1	0.0	-0.1	1.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	51.7	-3.7	48.2	0.0	-0.8	47.2	6.4
By interest rate type							
Fixed	51.4	-3.7	47.8	0.0	-0.8	46.8	6.4
Other	0.4	0.0	0.4	0.0	0.0	0.3	0.0
Other financial corporations	5.5	0.3	5.8	...	-0.8	5.0	0.0
By currency							
US dollar	4.7	0.3	5.0	...	-0.8	4.3	0.0
Euro	...	0.1	0.1	...	...	0.1	0.0
Other currencies	0.7	0.0	0.7	...	0.0	0.7	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.5	0.3	5.8	...	-0.8	5.0	0.0
By interest rate type							
Fixed	4.1	0.3	4.4	...	-0.8	3.7	0.0
Other	1.4	0.0	1.4	...	0.0	1.4	0.0
Non-financial corporations	85.8	-2.5	83.5	3.5	1.1	83.8	9.6
By currency							
US dollar	63.0	-2.7	60.3	3.2	2.0	62.3	6.9
Euro	11.3	0.6	12.0	...	-1.1	10.4	1.1
Other currencies	11.5	-0.3	11.3	0.2	0.2	11.2	1.6
By original maturity							
Short-term	0.1	0.0	0.1	0.1	0.0	0.1	0.1
Long-term	85.7	-2.5	83.4	3.4	1.1	83.7	9.5
By interest rate type							
Fixed	83.7	-2.5	81.4	3.5	1.1	81.7	9.6
Other	2.1	0.0	2.1	0.0	0.0	2.1	0.0

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	87.3	...	91.9	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	87.3	...	91.9	...	...	...	...
Domestic debt securities	87.3	4.6	91.9	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	87.3	4.6	91.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	87.3	4.6	91.9	...	...	...	...
International debt securities	89.5	19.6	109.1	3.7	3.7	112.6	0.1
Banks	1.4	...	1.4	...	...	1.4	0.0
By currency							
Local currency	1.3	...	1.3	...	...	1.3	0.0
US dollar	0.1	...	0.1	...	...	0.1	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.4	...	1.4	...	...	1.4	0.0
By interest rate type							
Fixed	0.5	...	0.5	...	...	0.5	0.0
Other	0.8	...	0.8	...	...	0.8	0.0
Other financial corporations	3.7	0.3	4.0	0.0	0.0	4.0	0.1
By currency							
Local currency	1.0	...	1.0	...	...	1.0	0.0
US dollar	2.6	0.3	2.9	0.0	0.0	2.9	0.1
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.1	0.0	0.1	0.0	0.0	0.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.7	0.3	4.0	0.0	0.0	4.0	0.1
By interest rate type							
Fixed	2.2	0.0	2.2	0.0	0.0	2.2	0.0
Other	1.5	0.3	1.8	0.0	0.0	1.8	0.1
Non-financial corporations	8.2	19.2	27.4	0.2	0.2	27.5	0.0
By currency							
Local currency	0.3	...	0.3	...	...	0.3	0.0
US dollar	7.8	19.2	26.9	0.2	0.2	27.1	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	0.0	0.2	0.0	0.0	0.2	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.2	19.2	27.4	0.2	0.2	27.5	0.0
By interest rate type							
Fixed	8.0	19.2	27.2	0.2	0.2	27.3	0.0
Other	0.2	0.0	0.2	0.0	0.0	0.2	0.0

Saudi Arabia (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	76.2	0.1	76.3	3.5	3.5	79.7	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	76.2	0.1	76.3	0.2	0.2	76.5	0.0
Euro	...	...	...	3.3	3.3	3.3	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	76.2	0.1	76.3	3.5	3.5	79.7	0.0
By interest rate type							
Fixed	76.2	0.1	76.3	3.5	3.5	79.7	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	100.7	19.5	120.2	4.7	4.7	124.8	0.1
Banks	1.3	...	1.3	1.0	1.0	2.3	0.1
By currency							
US dollar	0.1	...	0.1	1.0	1.0	1.1	0.1
Euro	...	...	...	...	...	...	...
Other currencies	1.3	...	1.3	0.0	0.0	1.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.3	...	1.3	1.0	1.0	2.3	0.1
By interest rate type							
Fixed	0.5	...	0.5	1.0	1.0	1.5	0.0
Other	0.8	...	0.8	0.0	0.0	0.8	0.1
Other financial corporations	7.8	1.1	8.9	0.0	0.0	8.9	0.0
By currency							
US dollar	6.7	1.1	7.8	0.0	0.0	7.8	0.0
Euro	...	...	...	...	...	...	...
Other currencies	1.1	0.0	1.1	0.0	0.0	1.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.8	1.1	8.9	0.0	0.0	8.9	0.0
By interest rate type							
Fixed	6.4	0.8	7.2	0.0	0.0	7.2	0.0
Other	1.4	0.3	1.7	0.0	0.0	1.7	0.0
Non-financial corporations	13.6	18.3	31.8	0.2	0.2	31.9	0.0
By currency							
US dollar	12.2	18.3	30.5	0.2	0.2	30.7	0.0
Euro	0.8	...	0.9	...	...	0.8	0.0
Other currencies	0.5	0.0	0.5	0.0	0.0	0.5	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	13.6	18.3	31.8	0.2	0.2	31.9	0.0
By interest rate type							
Fixed	13.1	18.3	31.3	0.2	0.2	31.5	0.0
Other	0.5	0.0	0.5	0.0	0.0	0.5	0.0

Singapore

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	449.3	...	468.2	...	...	...	...
Financial corporations	209.6	...	221.7	...	...	...	...
Non-financial corporations	144.0	...	150.9	...	...	...	...
General government	95.7	...	95.6	...	...	...	...
Domestic debt securities	95.7	-0.2	95.6	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	95.7	-0.2	95.6	...	...	...	...
Short-term	7.7	0.1	7.8	...	...	...	...
Long-term	88.0	-0.4	87.7	...	...	...	...
International debt securities	170.1	13.1	183.1	20.0	0.6	182.2	46.7
Banks	98.2	9.6	107.6	15.6	-1.3	105.3	37.2
By currency							
Local currency	3.4	-0.3	3.1	0.8	0.0	3.0	1.5
US dollar	68.9	6.8	75.6	12.1	-0.8	74.8	25.4
Euro	10.0	1.2	11.3	0.1	-0.7	10.1	0.1
Other foreign currencies	15.9	1.9	17.6	2.7	0.1	17.3	10.2
By original maturity							
Short-term	26.2	4.6	30.6	12.2	-1.8	28.5	28.5
Long-term	72.0	5.0	77.0	3.4	0.5	76.8	8.7
By interest rate type							
Fixed	75.5	7.1	82.6	13.0	-2.8	79.0	29.0
Other	22.7	2.4	25.0	2.6	1.5	26.3	8.2
Other financial corporations	41.1	1.1	42.2	3.3	1.5	43.4	6.2
By currency							
Local currency	3.2	0.4	3.6	0.1	0.1	3.7	0.2
US dollar	30.7	0.7	31.4	2.9	1.2	32.6	4.1
Euro	3.5	0.1	3.6	0.0	0.0	3.5	0.9
Other foreign currencies	3.7	-0.1	3.6	0.2	0.1	3.6	0.9
By original maturity							
Short-term	1.2	-0.1	1.1	0.9	0.2	1.3	1.3
Long-term	39.9	1.2	41.1	2.4	1.3	42.1	4.9
By interest rate type							
Fixed	39.4	0.9	40.3	3.3	1.7	41.8	6.1
Other	1.7	0.2	1.9	0.0	-0.2	1.6	0.0
Non-financial corporations	30.8	2.4	33.2	1.1	0.5	33.5	3.4
By currency							
Local currency	6.4	0.2	6.6	...	-0.6	5.9	0.6
US dollar	20.6	2.2	22.8	0.5	0.5	23.3	2.3
Euro	0.6	...	0.6	0.3	0.3	0.9	0.0
Other foreign currencies	3.2	0.0	3.2	0.3	0.3	3.4	0.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	30.8	2.4	33.2	1.1	0.5	33.5	3.4
By interest rate type							
Fixed	25.2	2.4	27.6	1.1	0.5	28.0	2.5
Other	5.6	0.0	5.6	0.0	0.0	5.5	0.9

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
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	116.4	7.7	124.0	12.5	2.1	124.6	27.9
Banks	57.2	5.9	63.0	8.0	0.2	62.3	18.9
By currency							
US dollar	31.6	4.0	35.5	3.7	0.6	36.1	7.6
Euro	9.1	0.5	9.7	0.1	-0.4	8.9	0.1
Other currencies	16.6	1.5	17.8	4.2	0.0	17.3	11.1
By original maturity							
Short-term	10.1	3.0	12.9	6.3	0.3	12.9	12.9
Long-term	47.1	2.9	50.0	1.7	0.0	49.4	6.0
By interest rate type							
Fixed	43.7	5.3	49.0	6.6	0.1	48.4	11.5
Other	13.5	0.6	14.0	1.4	0.1	13.9	7.3
Other financial corporations	16.4	1.1	17.5	2.2	0.8	18.1	5.2
By currency							
US dollar	11.0	0.6	11.6	1.9	0.8	12.4	3.7
Euro	2.0	0.6	2.6	...	...	2.5	0.8
Other currencies	3.4	-0.1	3.3	0.2	0.1	3.3	0.7
By original maturity							
Short-term	1.2	-0.1	1.1	0.9	0.2	1.3	1.3
Long-term	15.1	1.2	16.3	1.3	0.7	16.8	3.9
By interest rate type							
Fixed	14.7	1.1	15.8	2.2	0.8	16.4	4.7
Other	1.7	0.0	1.7	0.0	0.0	1.7	0.5
Non-financial corporations	42.8	0.7	43.6	2.3	1.1	44.2	3.8
By currency							
US dollar	26.0	0.9	26.8	2.0	1.7	28.5	2.1
Euro	2.5	0.0	2.5	0.1	0.1	2.5	0.5
Other currencies	14.4	-0.2	14.2	0.2	-0.7	13.2	1.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	42.8	0.7	43.6	2.3	1.1	44.2	3.8
By interest rate type							
Fixed	36.9	0.6	37.4	2.3	1.4	38.6	2.9
Other	5.9	0.2	6.1	0.0	-0.3	5.7	0.9

South Africa

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	235.9	9.2	250.3	...	...	...	...
Financial corporations	41.7	1.3	43.9	...	...	...	...
Short-term	3.7	0.5	4.3	...	...	...	...
Long-term	38.0	0.8	39.7	...	...	...	...
Non-financial corporations	22.3	0.4	23.2	...	...	...	...
Short-term	0.5	0.0	0.5	...	...	...	...
Long-term	21.8	0.4	22.7	...	...	...	...
General government	171.8	7.5	183.2	...	...	...	...
Short-term	21.2	2.3	24.0	...	...	...	...
Long-term	150.6	5.3	159.2	...	...	...	...
International debt securities	36.9	-1.7	35.2	5.2	5.2	40.2	3.6
Banks	3.2	0.3	3.5	0.1	0.1	3.6	1.1
By currency							
Local currency	0.3	0.0	0.3	0.0	0.0	0.3	0.0
US dollar	2.2	0.4	2.6	0.1	0.1	2.7	0.8
Euro	0.1	...	0.1	0.0	0.0	0.1	0.1
Other foreign currencies	0.6	-0.2	0.4	0.0	0.0	0.4	0.2
By original maturity							
Short-term	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Long-term	3.2	0.2	3.4	0.1	0.1	3.5	1.1
By interest rate type							
Fixed	2.9	0.2	3.2	0.1	0.1	3.2	1.1
Other	0.3	0.0	0.3	0.1	0.1	0.3	0.0
Other financial corporations	3.3	...	3.3	...	...	3.2	0.5
By currency							
Local currency	0.7	...	0.7	...	...	0.7	0.0
US dollar	1.9	...	1.9	...	...	1.9	0.5
Euro	0.2	...	0.2	...	...	0.2	0.0
Other foreign currencies	0.5	...	0.4	...	...	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.3	...	3.3	...	...	3.2	0.5
By interest rate type							
Fixed	2.0	...	2.0	...	...	2.0	0.5
Other	1.3	...	1.3	...	...	1.2	0.0
Non-financial corporations	10.6	0.0	10.7	0.0	0.0	10.6	0.0
By currency							
Local currency	1.1	0.0	1.1	0.0	0.0	1.0	0.0
US dollar	9.1	0.0	9.1	0.0	0.0	9.1	0.0
Euro	0.4	...	0.5	...	...	0.4	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.6	0.0	10.7	0.0	0.0	10.6	0.0
By interest rate type							
Fixed	9.3	0.0	9.4	0.0	0.0	9.3	0.0
Other	1.3	0.0	1.3	0.0	0.0	1.2	0.0

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	19.8	-2.0	17.8	5.0	5.0	22.8	2.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	19.0	-2.0	17.0	5.0	5.0	22.0	2.0
Euro	0.6	...	0.6	...	...	0.5	0.0
Other foreign currencies	0.3	0.0	0.3	0.0	0.0	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	19.8	-2.0	17.8	5.0	5.0	22.8	2.0
By interest rate type							
Fixed	19.8	-2.0	17.8	5.0	5.0	22.8	2.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	75.6	-1.5	73.7	5.6	5.3	77.9	7.7
Banks	14.9	0.3	15.1	0.5	0.3	15.0	1.9
By currency							
US dollar	4.0	0.4	4.4	0.2	0.1	4.6	1.4
Euro	1.0	0.0	1.0	0.0	0.0	0.9	0.2
Other currencies	10.0	-0.1	9.7	0.3	0.2	9.6	0.3
By original maturity							
Short-term	0.4	0.0	0.4	0.1	0.0	0.4	0.4
Long-term	14.6	0.3	14.7	0.4	0.3	14.6	1.6
By interest rate type							
Fixed	7.4	0.4	7.7	0.4	0.1	7.7	1.6
Other	7.5	0.0	7.3	0.2	0.2	7.3	0.3
Other financial corporations	11.1	...	10.9	...	0.0	10.6	1.3
By currency							
US dollar	1.6	...	1.6	...	...	1.6	0.5
Euro	2.4	...	2.4	...	...	2.3	0.0
Other currencies	7.1	...	6.9	...	0.0	6.7	0.8
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.1	...	10.9	...	0.0	10.6	1.3
By interest rate type							
Fixed	2.9	...	2.9	...	...	2.8	0.5
Other	8.2	...	8.0	...	0.0	7.7	0.8
Non-financial corporations	29.7	0.1	29.9	0.0	0.0	29.5	2.5
By currency							
US dollar	18.8	0.7	19.5	0.0	0.0	19.5	1.9
Euro	7.1	-0.5	6.7	...	...	6.4	0.5
Other currencies	3.8	0.0	3.7	0.0	0.0	3.5	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	29.7	0.1	29.9	0.0	0.0	29.5	2.5
By interest rate type							
Fixed	23.3	0.2	23.5	0.0	0.0	23.3	2.5
Other	6.4	0.0	6.3	0.0	0.0	6.1	0.0

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	1,957.3	0.6	1,983.0	...	...	...	...
Financial corporations	651.2	-10.5	649.1	...	...	...	...
Non-financial corporations	124.2	3.7	129.4	...	...	...	...
General government	1,181.9	7.3	1,204.6	...	...	...	...
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	519.6	-0.5	525.0	24.5	9.1	513.1	56.6
Banks	154.2	4.5	160.4	10.4	5.4	159.8	15.7
By currency							
Local currency	128.6	3.3	133.6	5.4	3.9	131.6	11.7
US dollar	19.1	1.5	20.6	1.7	-0.5	20.2	2.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	6.5	-0.3	6.2	3.2	2.0	8.0	1.8
By original maturity							
Short-term	9.4	2.1	11.5	4.8	0.3	11.4	11.4
Long-term	144.8	2.4	148.9	5.6	5.1	148.4	4.3
By interest rate type							
Fixed	124.0	4.9	130.2	10.1	5.1	130.5	13.9
Other	30.2	-0.3	30.2	0.3	0.3	29.3	1.9
Other financial corporations	310.0	-7.3	306.2	6.2	-0.6	293.2	32.6
By currency							
Local currency	281.7	-7.2	278.1	4.5	1.2	267.3	25.5
US dollar	20.0	-0.2	19.8	1.3	-2.1	17.7	3.5
Euro	...	...	...	...	...	...	...
Other foreign currencies	8.4	0.0	8.3	0.4	0.3	8.3	3.5
By original maturity							
Short-term	6.7	-2.1	4.6	2.6	-0.3	4.1	4.1
Long-term	303.4	-5.2	301.6	3.7	-0.2	289.1	28.4
By interest rate type							
Fixed	139.9	-7.2	134.0	4.3	-2.1	126.9	26.9
Other	170.2	-0.1	172.3	1.9	1.5	166.3	5.6
Non-financial corporations	44.1	2.3	47.0	8.0	4.8	49.7	6.0
By currency							
Local currency	42.1	2.0	44.6	8.0	4.9	47.4	6.0
US dollar	1.3	0.3	1.6	...	...	1.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.7	0.0	0.7	0.0	0.0	0.7	0.0
By original maturity							
Short-term	2.7	0.5	3.3	2.4	0.4	3.5	3.5
Long-term	41.4	1.9	43.7	5.5	4.4	46.2	2.5
By interest rate type							
Fixed	38.3	1.7	40.4	7.0	4.4	43.0	5.8
Other	5.8	0.7	6.6	1.0	0.4	6.7	0.3

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	11.2	...	11.4	...	-0.6	10.4	2.3
By currency							
Local currency	10.0	...	10.1	...	-0.6	9.1	2.3
US dollar	0.6	...	0.6	...	...	0.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.6	...	0.6	...	0.0	0.6	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	11.2	...	11.4	...	-0.6	10.4	2.3
By interest rate type							
Fixed	10.9	...	11.0	...	-0.6	10.1	2.2
Other	0.3	...	0.3	...	0.0	0.3	0.1
National issuers							
International debt securities	841.1	-1.1	846.2	35.4	4.8	821.0	82.0
Banks	437.2	4.9	444.3	16.3	2.1	432.3	34.8
By currency							
US dollar	103.4	1.2	104.6	3.5	-1.5	103.1	8.1
Euro	271.1	3.9	278.5	8.8	2.6	269.0	21.0
Other currencies	62.8	-0.3	61.2	4.0	1.0	60.2	5.6
By original maturity							
Short-term	12.9	3.2	16.2	7.0	-0.5	15.2	15.2
Long-term	424.3	1.7	428.2	9.3	2.5	417.1	19.6
By interest rate type							
Fixed	237.8	5.8	245.3	14.0	2.3	240.2	26.1
Other	199.4	-0.9	199.0	2.3	-0.3	192.1	8.7
Other financial corporations	189.9	-4.9	187.3	2.7	-1.6	177.8	17.4
By currency							
US dollar	7.3	0.0	7.4	1.3	-1.1	6.3	2.2
Euro	179.1	-5.0	176.4	1.0	-0.9	167.9	12.6
Other currencies	3.5	0.0	3.6	0.4	0.3	3.7	2.5
By original maturity							
Short-term	5.7	-2.2	3.5	1.7	-0.7	2.7	2.7
Long-term	184.2	-2.7	183.8	1.0	-1.0	175.1	14.6
By interest rate type							
Fixed	63.0	-4.9	58.8	2.3	-1.7	54.8	14.9
Other	126.9	0.0	128.5	0.4	0.0	123.0	2.5
Non-financial corporations	202.7	-1.1	203.2	16.4	5.0	200.5	27.6
By currency							
US dollar	24.1	0.0	24.1	0.2	-2.0	22.1	1.7
Euro	157.3	-0.9	158.4	16.1	7.2	158.6	24.5
Other currencies	21.4	-0.2	20.6	0.0	-0.3	19.7	1.4
By original maturity							
Short-term	10.4	0.2	10.7	8.4	1.1	11.3	11.3
Long-term	192.3	-1.3	192.5	7.9	3.9	189.1	16.3
By interest rate type							
Fixed	186.6	-1.7	186.2	15.3	4.5	183.8	26.8
Other	16.2	0.6	17.0	1.0	0.5	16.7	0.7

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	676.8	...	684.6	...	...	...	...
Financial corporations	528.3	...	535.1	...	...	...	...
Non-financial corporations	13.5	...	17.0	...	...	...	...
General government	135.0	...	132.5	...	...	...	...
Domestic debt securities	380.8	8.1	387.9	...	...	...	...
Financial corporations	274.6	3.8	279.7	...	...	...	...
Short-term	46.2	-0.6	45.5	...	...	...	...
Long-term	228.4	6.4	234.2	...	...	...	...
Non-financial corporations	13.5	3.5	17.0	...	...	...	...
Short-term	13.5	3.5	17.0	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	92.7	-1.2	91.2	...	...	...	...
Short-term	6.0	-0.2	5.8	...	...	...	...
Long-term	86.6	-1.0	85.4	...	...	...	...
International debt securities	491.7	-5.8	488.5	32.0	-11.2	463.2	113.0
Banks	189.1	-4.5	185.6	13.3	-5.5	174.8	48.7
By currency							
Local currency	8.0	0.6	8.5	0.2	-0.5	7.6	1.5
US dollar	61.4	-4.4	57.0	1.5	-6.1	50.9	15.1
Euro	96.3	-0.6	97.0	9.8	3.0	95.7	25.5
Other foreign currencies	23.5	-0.1	23.1	1.8	-1.9	20.6	6.6
By original maturity							
Short-term	15.8	2.5	18.3	9.5	-0.3	17.3	17.3
Long-term	173.3	-6.9	167.3	3.8	-5.2	157.5	31.4
By interest rate type							
Fixed	157.1	-3.9	154.1	13.2	-2.8	146.8	38.6
Other	32.0	-0.6	31.5	0.1	-2.7	28.0	10.1
Other financial corporations	160.9	-1.1	160.8	11.7	-1.9	154.9	36.1
By currency							
Local currency	21.0	0.6	21.5	2.6	-0.9	19.5	4.2
US dollar	59.6	-2.1	57.5	4.8	-0.2	57.2	19.0
Euro	53.0	0.9	54.6	3.3	0.7	52.9	6.8
Other foreign currencies	27.3	-0.5	27.2	1.0	-1.4	25.3	6.1
By original maturity							
Short-term	6.5	0.3	6.8	2.8	0.5	7.3	7.3
Long-term	154.5	-1.5	154.0	8.9	-2.4	147.6	28.9
By interest rate type							
Fixed	131.4	-0.9	131.4	9.5	0.3	128.7	27.1
Other	29.5	-0.3	29.4	2.1	-2.2	26.2	9.0
Non-financial corporations	91.4	0.8	92.9	5.8	1.6	90.7	12.2
By currency							
Local currency	17.8	-0.5	17.3	1.5	1.1	17.4	4.0
US dollar	8.4	-0.1	8.3	0.4	-0.4	7.8	1.4
Euro	59.5	1.0	61.3	3.8	0.9	59.5	6.3
Other foreign currencies	5.7	0.3	6.0	0.1	0.0	5.8	0.5
By original maturity							
Short-term	3.5	-0.1	3.4	1.5	-0.5	2.8	2.8
Long-term	87.9	0.9	89.4	4.3	2.1	87.9	9.4
By interest rate type							
Fixed	75.3	1.5	77.5	3.8	0.3	74.8	8.4
Other	16.1	-0.7	15.4	2.0	1.3	15.9	3.8

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	50.2	-1.0	49.3	1.2	-5.4	42.9	16.0
By currency							
Local currency	11.6	0.9	12.4	0.7	0.5	12.2	1.7
US dollar	31.1	0.9	32.1	0.3	-6.1	26.0	12.0
Euro	5.8	-2.5	3.3	...	0.0	3.2	1.6
Other foreign currencies	1.6	-0.2	1.4	0.2	0.2	1.6	0.7
By original maturity							
Short-term	0.4	0.9	1.3	0.3	-1.0	0.3	0.3
Long-term	49.8	-1.8	48.0	0.9	-4.4	42.6	15.7
By interest rate type							
Fixed	44.7	-0.9	43.8	0.5	-5.9	37.3	14.1
Other	5.4	0.0	5.4	0.7	0.5	5.6	1.9
National issuers							
International debt securities	448.6	-4.7	446.3	31.5	-6.0	427.4	102.4
Banks	181.3	-4.2	178.1	14.2	-1.9	170.7	49.3
By currency							
US dollar	48.0	-1.7	46.2	1.5	-3.2	43.1	14.2
Euro	105.6	-3.4	103.6	9.8	2.7	101.8	27.8
Other currencies	27.7	0.8	28.2	2.9	-1.4	25.9	7.2
By original maturity							
Short-term	16.1	2.4	18.6	9.5	-0.6	17.3	17.3
Long-term	165.2	-6.7	159.4	4.7	-1.2	153.4	31.9
By interest rate type							
Fixed	152.4	-4.0	149.3	13.6	-0.5	144.1	39.4
Other	28.9	-0.2	28.8	0.6	-1.4	26.6	9.8
Other financial corporations	142.4	-1.2	142.0	9.7	-1.3	137.5	27.7
By currency							
US dollar	57.1	-2.1	55.0	4.7	-0.3	54.6	16.5
Euro	41.8	1.3	43.7	2.5	1.7	43.5	2.4
Other currencies	43.5	-0.4	43.4	2.5	-2.7	39.4	8.7
By original maturity							
Short-term	5.6	0.4	6.0	2.2	0.4	6.4	6.4
Long-term	136.8	-1.6	136.0	7.4	-1.7	131.1	21.3
By interest rate type							
Fixed	120.0	-0.2	120.7	8.7	1.1	119.2	22.1
Other	22.4	-1.1	21.4	0.9	-2.3	18.4	5.5
Non-financial corporations	74.7	1.7	77.0	6.4	2.5	76.3	9.5
By currency							
US dollar	5.7	0.0	5.7	0.4	-0.1	5.6	0.4
Euro	46.8	1.8	49.2	4.3	1.3	48.4	4.8
Other currencies	22.2	0.0	22.1	1.7	1.3	22.3	4.3
By original maturity							
Short-term	3.6	-0.1	3.5	1.6	-0.5	2.9	2.8
Long-term	71.1	1.9	73.5	4.9	3.0	73.4	6.6
By interest rate type							
Fixed	61.7	1.9	64.1	4.2	1.4	62.9	6.4
Other	13.0	-0.2	12.9	2.2	1.2	13.4	3.1

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Domestic debt securities	379.4	7.0	386.4	...	...	...	...
Financial corporations	190.8	7.1	197.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	190.8	7.1	197.9	...	...	...	...
Non-financial corporations	72.6	2.3	74.9	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	72.6	2.3	74.9	...	...	...	...
General government	116.0	-2.4	113.6	...	...	...	...
Short-term	6.2	1.0	7.1	...	...	...	...
Long-term	109.8	-3.3	106.5	...	...	...	...
International debt securities	93.1	-1.6	92.1	5.3	0.6	91.7	3.4
Banks	42.1	0.1	42.4	5.3	5.2	47.4	1.5
By currency							
Local currency	0.3	...	0.3	...	...	0.3	0.1
US dollar	35.8	0.3	36.1	5.3	5.3	41.3	0.0
Euro	2.7	0.0	2.7	...	...	2.6	0.0
Other foreign currencies	3.4	-0.1	3.3	0.0	0.0	3.3	1.5
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	42.1	0.1	42.4	5.3	5.2	47.4	1.5
By interest rate type							
Fixed	39.7	0.1	39.9	5.3	5.2	45.0	1.4
Other	2.4	0.0	2.4	0.0	0.0	2.4	0.1
Other financial corporations	33.6	-0.3	33.6	...	-0.7	32.3	1.2
By currency							
Local currency	4.1	...	4.2	...	-0.4	3.7	0.6
US dollar	17.9	-0.3	17.6	...	...	17.6	0.0
Euro	10.2	...	10.4	...	-0.3	9.6	0.6
Other foreign currencies	1.4	0.0	1.4	...	0.0	1.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	33.6	-0.3	33.6	...	-0.7	32.3	1.2
By interest rate type							
Fixed	26.2	-0.3	26.1	...	-0.7	24.9	1.2
Other	7.5	0.0	7.5	...	0.0	7.4	0.1
Non-financial corporations	17.4	-1.4	16.2	...	-3.8	11.9	0.6
By currency							
Local currency	3.0	-0.6	2.4	...	...	2.4	0.0
US dollar	3.7	-0.2	3.5	...	-0.1	3.5	0.1
Euro	10.7	-0.6	10.2	...	-3.8	6.1	0.5
Other foreign currencies	0.0	0.0	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	17.4	-1.4	16.2	...	-3.8	11.9	0.6
By interest rate type							
Fixed	14.6	-0.6	14.1	...	-3.8	9.9	0.4
Other	2.8	-0.8	2.1	...	0.0	2.0	0.2

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
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	424.4	-3.1	423.3	29.6	4.3	419.8	60.5
Banks	283.3	-8.2	276.0	22.2	5.0	277.1	50.8
By currency							
US dollar	178.4	-5.1	173.3	9.6	3.4	176.6	21.4
Euro	74.4	-2.7	72.6	6.2	-2.7	66.8	22.0
Other currencies	30.5	-0.3	30.2	6.4	4.3	33.7	7.5
By original maturity							
Short-term	20.1	-2.4	17.8	10.3	4.8	22.2	20.5
Long-term	263.2	-5.8	258.2	12.0	0.1	254.9	30.3
By interest rate type							
Fixed	226.2	-6.1	220.8	17.8	7.3	225.2	41.4
Other	57.1	-2.1	55.1	4.4	-2.4	51.9	9.4
Other financial corporations	37.6	2.7	40.7	3.7	2.7	42.1	1.3
By currency							
US dollar	10.4	1.0	11.4	1.8	1.3	12.7	0.4
Euro	23.4	1.7	25.5	0.9	0.9	25.2	0.6
Other currencies	3.8	0.0	3.9	0.9	0.5	4.3	0.3
By original maturity							
Short-term	0.4	0.0	0.4	0.4	0.0	0.4	0.4
Long-term	37.2	2.7	40.3	3.2	2.6	41.7	0.9
By interest rate type							
Fixed	22.7	2.9	25.7	2.8	2.0	27.1	1.3
Other	14.9	-0.2	15.0	0.8	0.7	15.1	0.1
Non-financial corporations	103.5	2.4	106.6	3.8	-3.3	100.6	8.4
By currency							
US dollar	37.8	-0.2	37.6	2.0	0.8	38.4	3.9
Euro	54.1	2.5	57.3	1.5	-4.3	50.6	3.1
Other currencies	11.6	0.1	11.7	0.3	0.3	11.6	1.4
By original maturity							
Short-term	1.0	0.1	1.1	0.8	0.0	1.0	1.0
Long-term	102.5	2.3	105.5	2.9	-3.3	99.6	7.3
By interest rate type							
Fixed	96.2	2.4	99.2	3.8	-3.3	93.3	8.1
Other	7.4	0.0	7.4	0.0	0.0	7.3	0.2

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	415.4	...	439.9	...	...	...	...
Financial corporations	157.8	...	172.8	...	...	...	...
Non-financial corporations	103.7	...	108.1	...	...	...	...
General government	153.9	...	159.0	...	...	...	...
Domestic debt securities	401.7	10.7	426.4	...	...	...	...
Financial corporations	152.8	9.7	168.1	...	...	...	...
Short-term	69.7	3.5	75.7	...	...	...	...
Long-term	83.2	6.2	92.4	...	...	...	...
Non-financial corporations	95.0	1.1	99.4	...	...	...	...
Short-term	5.4	-0.2	5.4	...	...	...	...
Long-term	89.6	1.3	94.0	...	...	...	...
General government	153.9	-0.2	159.0	...	...	...	...
Short-term	3.3	0.5	3.9	...	...	...	...
Long-term	150.5	-0.6	155.0	...	...	...	...
International debt securities	16.6	0.1	16.8	0.3	0.0	16.7	0.2
Banks	1.7	0.5	2.1	...	...	2.1	0.2
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.0
US dollar	1.4	0.3	1.7	...	...	1.7	0.2
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.2	0.1	0.4	...	...	0.4	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.7	0.5	2.1	...	...	2.1	0.2
By interest rate type							
Fixed	0.9	0.1	1.0	...	...	1.0	0.0
Other	0.8	0.3	1.1	...	...	1.1	0.2
Other financial corporations	5.0	-0.7	4.3	0.3	0.3	4.6	0.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	5.0	-0.7	4.3	0.3	0.3	4.6	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	5.0	-0.7	4.3	0.3	0.3	4.6	0.0
By interest rate type							
Fixed	3.2	...	3.2	0.3	0.3	3.5	0.0
Other	1.7	-0.7	1.0	0.0	0.0	1.0	0.0
Non-financial corporations	9.9	0.3	10.4	...	-0.3	10.0	0.0
By currency							
Local currency	0.3	...	0.3	...	-0.3	...	...
US dollar	4.9	...	4.9	...	...	4.9	0.0
Euro	...	...	...	...	...	...	...
Other foreign currencies	4.8	0.3	5.2	...	0.0	5.1	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	9.9	0.3	10.4	...	-0.3	10.0	0.0
By interest rate type							
Fixed	9.2	0.3	9.6	...	...	9.5	0.0
Other	0.8	0.0	0.8	...	-0.3	0.5	0.0

Thailand (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
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	25.3	-0.8	24.6	1.3	1.0	25.5	0.2
Banks	8.6	-0.4	8.2	1.2	1.2	9.4	0.2
By currency							
US dollar	8.3	-0.4	7.9	1.2	1.2	9.1	0.2
Euro	...	...	...	...	...	...	...
Other currencies	0.3	0.0	0.3	0.0	0.0	0.3	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	8.6	-0.4	8.2	1.2	1.2	9.4	0.2
By interest rate type							
Fixed	7.9	-0.8	7.1	1.2	1.2	8.3	0.0
Other	0.8	0.3	1.1	0.0	0.0	1.1	0.2
Other financial corporations	1.0	-0.3	0.7	...	...	0.7	0.0
By currency							
US dollar	1.0	-0.3	0.7	...	...	0.7	0.0
Euro	...	...	...	...	...	...	...
Other currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.0	-0.3	0.7	...	...	0.7	0.0
By interest rate type							
Fixed	1.0	-0.3	0.7	...	...	0.7	0.0
Other	0.0	0.0	0.0	...	...	0.0	0.0
Non-financial corporations	15.7	-0.1	15.7	0.1	-0.2	15.4	0.1
By currency							
US dollar	11.1	-0.7	10.4	...	0.0	10.4	0.0
Euro	...	...	...	...	...	...	...
Other currencies	4.6	0.6	5.3	0.1	-0.2	5.0	0.1
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	15.7	-0.1	15.7	0.1	-0.2	15.4	0.1
By interest rate type							
Fixed	13.1	0.6	13.8	0.1	0.1	13.9	0.1
Other	2.5	-0.7	1.8	0.0	-0.3	1.5	0.0

Turkey

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	254.9	...	258.7	...	...	...	...
Financial corporations	61.1	...	59.7	...	...	...	...
Non-financial corporations	9.6	...	9.1	...	...	...	...
General government	184.3	...	189.9	...	...	...	...
Domestic debt securities	129.4	10.1	137.0	...	...	...	...
Financial corporations	16.8	1.2	17.6	...	...	...	...
Short-term	11.2	1.2	12.2	...	...	...	...
Long-term	5.6	0.0	5.5	...	...	...	...
Non-financial corporations	2.1	0.0	2.1	...	...	...	...
Short-term	0.2	0.0	0.2	...	...	...	...
Long-term	1.9	0.1	1.9	...	...	...	...
General government	110.5	8.9	117.2	...	...	...	...
Short-term	4.4	2.5	6.8	...	...	...	...
Long-term	106.1	6.4	110.4	...	...	...	...
International debt securities	151.4	-5.8	145.9	2.8	-0.2	145.1	15.5
Banks	61.8	-3.4	58.4	0.6	-2.5	55.8	7.6
By currency							
Local currency	2.2	...	2.1	...	0.0	2.2	0.1
US dollar	56.5	-4.6	51.9	0.5	-1.4	50.5	7.4
Euro	3.1	1.2	4.3	...	-1.1	3.0	0.0
Other foreign currencies	0.1	0.0	0.1	0.0	0.0	0.1	0.1
By original maturity							
Short-term	0.6	-0.1	0.5	0.1	0.1	0.6	0.1
Long-term	61.2	-3.3	57.9	0.5	-2.5	55.3	7.5
By interest rate type							
Fixed	59.2	-3.3	55.9	0.6	-2.5	53.3	7.4
Other	2.6	-0.1	2.5	0.0	0.0	2.5	0.2
Other financial corporations	1.8	-0.5	1.3	...	...	1.3	0.2
By currency							
Local currency	0.1	...	0.1	...	...	0.1	0.0
US dollar	1.3	-0.5	0.8	...	...	0.8	0.0
Euro	0.2	...	0.2	...	...	0.2	0.0
Other foreign currencies	0.2	0.0	0.2	...	...	0.2	0.2
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	1.8	-0.5	1.3	...	...	1.3	0.2
By interest rate type							
Fixed	1.6	-0.5	1.1	...	...	1.1	0.2
Other	0.2	0.0	0.2	...	...	0.2	0.0
Non-financial corporations	10.4	-0.5	10.0	...	...	9.9	2.0
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	9.7	-0.5	9.2	...	...	9.2	2.0
Euro	0.7	...	0.7	...	...	0.7	0.0
Other foreign currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	10.4	-0.5	10.0	...	...	9.9	2.0
By interest rate type							
Fixed	10.4	-0.5	10.0	...	...	9.9	2.0
Other	0.0	0.0	0.0	...	...	0.0	0.0

Turkey (continued)

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	77.4	-1.4	76.3	2.3	2.3	78.1	5.7
By currency							
Local currency	...	...	...	...	...	...	...
US dollar	61.5	...	61.5	2.3	2.3	63.8	3.5
Euro	10.4	-1.4	9.1	...	...	8.7	2.2
Other foreign currencies	5.5	0.0	5.6	0.0	0.0	5.6	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	77.4	-1.4	76.3	2.3	2.3	78.1	5.7
By interest rate type							
Fixed	77.4	-1.4	76.3	2.3	2.3	78.1	5.7
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National issuers							
International debt securities	142.0	-2.8	139.5	2.5	-0.3	138.7	15.2
Banks	53.8	-0.6	53.2	0.2	-2.5	50.5	7.5
By currency							
US dollar	49.0	-2.4	46.7	0.2	-1.4	45.2	7.4
Euro	2.5	1.8	4.3	...	-1.1	3.0	0.0
Other currencies	2.3	0.0	2.2	0.0	0.0	2.2	0.1
By original maturity							
Short-term	0.5	0.0	0.5	0.1	0.0	0.5	0.1
Long-term	53.2	-0.6	52.6	0.1	-2.6	49.9	7.5
By interest rate type							
Fixed	51.2	-0.6	50.7	0.2	-2.5	48.0	7.3
Other	2.6	-0.1	2.5	0.0	0.0	2.5	0.2
Other financial corporations	3.3	-0.8	2.6	...	...	2.6	0.0
By currency							
US dollar	3.2	-0.8	2.4	...	...	2.4	0.0
Euro	0.2	...	0.2	...	...	0.2	0.0
Other currencies	0.0	0.0	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	3.3	-0.8	2.6	...	...	2.6	0.0
By interest rate type							
Fixed	3.2	-0.8	2.4	...	...	2.4	0.0
Other	0.2	0.0	0.2	...	...	0.2	0.0
Non-financial corporations	7.5	...	7.6	...	...	7.5	2.0
By currency							
US dollar	6.8	...	6.8	...	...	6.8	2.0
Euro	0.7	...	0.7	...	...	0.7	0.0
Other currencies	0.0	...	0.0	...	...	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	7.5	...	7.6	...	...	7.5	2.0
By interest rate type							
Fixed	7.5	...	7.6	...	...	7.5	2.0
Other	0.0	...	0.0	...	...	0.0	0.0

United Kingdom

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

Table C3

	Amount outstanding	Net flows	Amount outstanding	Gross issuance	Net flows	Amount outstanding	
						Total	Of which: Up to and including one year
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
Resident issuers							
Total debt securities	5,891.9	...	5,834.2	...	...	...	...
Financial corporations	2,603.6	...	2,576.5	...	...	...	...
Non-financial corporations	512.6	...	503.0	...	...	...	...
General government	2,770.8	...	2,749.7	...	...	...	...
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	3,150.7	27.7	3,155.1	281.2	69.0	3,149.1	462.4
Banks	1,370.1	25.8	1,392.9	194.0	29.6	1,394.1	345.0
By currency							
Local currency	308.8	9.0	308.3	42.9	4.6	303.2	62.2
US dollar	575.7	20.0	595.7	90.6	28.1	623.7	160.9
Euro	397.9	-6.0	397.0	51.2	-6.1	373.9	105.1
Other foreign currencies	87.6	2.8	91.9	9.4	3.0	93.2	16.7
By original maturity							
Short-term	199.0	4.0	202.3	145.8	36.2	234.1	231.6
Long-term	1,171.1	21.7	1,190.5	48.3	-6.6	1,160.0	113.4
By interest rate type							
Fixed	1,059.1	20.3	1,078.6	176.7	34.4	1,091.9	299.1
Other	310.9	5.5	314.2	17.4	-4.8	302.2	45.9
Other financial corporations	1,370.8	0.9	1,355.8	62.3	26.4	1,346.1	86.0
By currency							
Local currency	674.9	0.3	654.7	25.0	16.8	650.6	22.1
US dollar	344.5	-3.0	341.4	14.1	2.8	344.2	32.0
Euro	334.4	3.9	342.7	22.0	6.6	334.3	29.3
Other foreign currencies	17.0	-0.2	17.1	1.3	0.2	16.9	2.7
By original maturity							
Short-term	25.4	0.2	25.7	21.3	1.0	26.1	25.8
Long-term	1,345.5	0.7	1,330.1	41.0	25.4	1,320.0	60.2
By interest rate type							
Fixed	700.4	-1.4	693.0	42.8	11.7	687.6	64.8
Other	670.5	2.3	662.8	19.5	14.7	658.5	21.3
Non-financial corporations	390.5	1.0	387.6	24.8	13.2	391.0	31.3
By currency							
Local currency	172.4	-1.3	165.8	7.6	4.8	165.3	12.4
US dollar	111.5	3.9	115.3	4.8	0.9	116.2	4.7
Euro	97.5	-1.3	97.4	12.4	7.6	100.6	13.5
Other foreign currencies	9.1	-0.2	9.0	0.0	0.0	8.8	0.7
By original maturity							
Short-term	11.5	-4.2	7.3	7.0	1.8	8.8	8.8
Long-term	379.0	5.2	380.3	17.8	11.4	382.2	22.5
By interest rate type							
Fixed	355.6	0.9	353.1	24.4	13.6	357.8	25.0
Other	34.9	0.1	34.6	0.4	-0.4	33.2	6.4

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	19.3	...	18.7	...	-0.2	17.9	0.0
By currency							
Local currency	19.3	...	18.7	...	-0.2	17.9	0.0
US dollar	...	...	...	...	...	...	...
Euro	0.1	...	0.1	...	...	0.1	0.0
Other foreign currencies	0.0	...	0.0	...	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	19.3	...	18.7	...	-0.2	17.9	0.0
By interest rate type							
Fixed	19.3	...	18.7	...	-0.2	17.9	0.0
Other	0.0	...	0.0	...	0.0	0.0	0.0
National issuers							
International debt securities	2,640.5	19.7	2,639.7	138.1	40.2	2,616.9	217.4
Banks	1,106.6	19.9	1,118.7	62.8	12.2	1,107.5	111.4
By currency							
US dollar	431.6	6.1	437.7	21.6	7.1	444.8	43.2
Euro	241.9	1.2	246.2	18.4	-1.5	234.1	41.4
Other currencies	433.1	12.7	434.8	22.8	6.6	428.5	26.8
By original maturity							
Short-term	45.1	-0.8	44.2	23.1	3.7	46.8	44.5
Long-term	1,061.4	20.8	1,074.5	39.7	8.5	1,060.7	66.9
By interest rate type							
Fixed	644.2	13.1	655.6	48.3	9.9	654.1	85.0
Other	462.4	6.9	463.1	14.5	2.3	453.3	26.4
Other financial corporations	721.4	-7.9	708.4	36.3	16.5	705.4	46.0
By currency							
US dollar	185.1	1.8	186.9	8.2	4.6	191.5	18.0
Euro	245.0	-1.7	246.4	12.3	1.6	237.3	15.7
Other currencies	291.3	-8.0	275.1	15.8	10.3	276.6	12.3
By original maturity							
Short-term	14.3	2.7	17.0	13.3	-0.4	16.1	16.0
Long-term	707.2	-10.6	691.3	23.1	16.9	689.3	30.0
By interest rate type							
Fixed	366.5	-3.1	360.5	24.7	8.4	359.7	34.2
Other	354.9	-4.9	347.9	11.6	8.1	345.8	11.8
Non-financial corporations	793.1	7.7	793.9	38.9	11.8	786.1	60.0
By currency							
US dollar	248.0	7.1	255.1	8.6	-1.8	253.3	12.8
Euro	208.3	3.1	214.1	20.6	7.3	212.0	27.0
Other currencies	336.9	-2.5	324.7	9.7	6.2	320.8	20.3
By original maturity							
Short-term	15.1	-3.4	11.8	7.2	-1.1	10.3	10.2
Long-term	778.0	11.1	782.1	31.7	12.8	775.8	49.8
By interest rate type							
Fixed	710.6	5.9	710.9	34.5	8.3	701.9	45.6
Other	82.5	1.7	83.0	4.4	3.5	84.2	14.4

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	
	Q1 19	Q2 19	Q2 19	Q3 19	Q3 19	Total	Of which: Up to and including one year
						Q3 19	Q3 19
Resident issuers							
Total debt securities	39,976.3	...	40,177.3	...	...	...	...
Financial corporations	14,380.3	...	14,531.6	...	...	...	...
Non-financial corporations	6,425.9	...	6,498.6	...	...	...	...
General government	18,955.0	...	18,932.9	...	...	...	...
Domestic debt securities	...	...	...	...	...	...	...
Financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
Non-financial corporations	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
General government	...	...	...	...	...	...	...
Short-term	...	...	...	...	...	...	...
Long-term	...	...	...	...	...	...	...
International debt securities	2,334.4	1.2	2,342.7	121.1	9.0	2,318.7	251.6
Banks	566.5	-7.7	561.7	19.9	-5.9	544.9	65.3
By currency							
Local currency	266.0	-15.0	251.0	7.9	-8.9	242.1	31.1
US dollar	...	...	...	...	...	...	...
Euro	193.4	2.9	198.8	7.2	2.0	192.2	23.8
Other foreign currencies	107.2	4.4	111.9	4.9	1.0	110.6	10.3
By original maturity							
Short-term	2.8	0.7	3.6	2.7	1.1	4.6	4.6
Long-term	563.7	-8.4	558.1	17.2	-7.0	540.3	60.7
By interest rate type							
Fixed	441.5	-5.1	438.4	16.0	-2.2	428.1	42.4
Other	125.1	-2.6	123.3	3.9	-3.7	116.8	22.9
Other financial corporations	1,105.1	1.5	1,107.5	37.4	-19.1	1,081.8	122.0
By currency							
Local currency	951.3	-13.7	937.6	15.4	-27.8	909.8	97.8
US dollar	...	...	...	...	...	...	...
Euro	100.8	10.9	113.1	14.6	4.0	112.1	16.9
Other foreign currencies	53.0	4.3	56.7	7.5	4.7	59.9	7.3
By original maturity							
Short-term	12.0	1.9	13.9	12.9	2.1	15.5	15.5
Long-term	1,093.1	-0.3	1,093.6	24.6	-21.2	1,066.4	106.6
By interest rate type							
Fixed	787.5	-0.7	787.3	30.5	-20.2	761.9	102.7
Other	317.6	2.2	320.2	6.9	1.1	320.0	19.3
Non-financial corporations	658.6	7.4	669.3	63.7	33.9	687.7	63.9
By currency							
Local currency	286.6	-2.6	284.0	26.9	18.4	302.4	23.3
US dollar	...	...	...	...	...	...	...
Euro	298.2	7.9	310.1	34.4	14.5	311.0	34.3
Other foreign currencies	73.8	2.0	75.1	2.4	1.0	74.3	6.4
By original maturity							
Short-term	15.5	1.7	17.4	16.7	0.3	16.9	16.9
Long-term	643.1	5.7	651.8	47.0	33.7	670.8	47.0
By interest rate type							
Fixed	467.3	11.5	482.1	39.9	17.5	484.6	36.6
Other	191.3	-4.2	187.2	23.8	16.5	203.1	27.3

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 19	Q2 19	Q2 19	Q3 19	Q3 19	Q3 19	Q3 19
General government	4.2	0.0	4.2	0.0	0.0	4.3	0.4
By currency							
Local currency	3.8	0.0	3.8	0.0	0.0	3.8	0.4
US dollar	...	...	...	...	...	...	...
Euro	0.4	...	0.5	...	...	0.4	0.0
Other foreign currencies	0.0	0.0	0.0	0.0	0.0	0.0	0.0
By original maturity							
Short-term	...	...	...	...	...	...	...
Long-term	4.2	0.0	4.2	0.0	0.0	4.3	0.4
By interest rate type							
Fixed	3.5	0.0	3.5	0.0	0.0	3.6	0.4
Other	0.7	0.0	0.7	0.0	0.0	0.7	0.0
National issuers							
International debt securities	3,925.7	73.2	4,008.3	234.1	76.4	4,033.8	362.7
Banks	874.9	-0.4	878.0	51.7	6.5	871.1	108.4
By currency							
US dollar	491.2	-8.1	483.1	22.1	-0.4	482.7	52.6
Euro	228.2	2.6	233.8	15.8	2.4	226.0	33.7
Other currencies	155.5	5.1	161.1	13.7	4.5	162.3	22.1
By original maturity							
Short-term	24.7	2.2	27.1	18.9	4.8	31.4	31.1
Long-term	850.2	-2.6	850.9	32.7	1.6	839.7	77.3
By interest rate type							
Fixed	660.4	-1.8	661.1	40.6	3.3	654.8	80.1
Other	214.6	1.4	216.9	11.1	3.2	216.3	28.3
Other financial corporations	1,962.4	58.1	2,022.3	88.4	29.6	2,036.6	134.2
By currency							
US dollar	1,610.0	31.0	1,641.0	51.3	10.7	1,651.8	94.9
Euro	265.1	18.8	287.5	28.4	14.0	288.7	29.6
Other currencies	87.3	8.3	93.8	8.7	4.9	96.1	9.7
By original maturity							
Short-term	29.0	1.0	30.1	20.7	2.2	31.5	29.2
Long-term	1,933.4	57.1	1,992.2	67.7	27.5	2,005.1	105.0
By interest rate type							
Fixed	767.6	3.7	772.4	40.4	-8.4	757.5	95.2
Other	1,194.8	54.4	1,249.9	48.0	38.1	1,279.1	39.0
Non-financial corporations	1,084.6	15.4	1,104.1	94.0	40.2	1,122.4	119.8
By currency							
US dollar	551.5	0.3	551.7	32.3	12.2	563.9	51.9
Euro	408.3	13.0	426.7	56.2	27.1	435.0	54.8
Other currencies	124.8	2.2	125.7	5.5	0.9	123.5	13.1
By original maturity							
Short-term	26.9	2.4	29.7	26.3	1.2	29.7	29.7
Long-term	1,057.7	13.1	1,074.5	67.8	39.0	1,092.6	90.1
By interest rate type							
Fixed	790.7	17.0	811.5	66.9	24.5	816.3	81.4
Other	293.9	-1.6	292.6	27.1	15.7	306.0	38.4

D Derivatives statistics

www.bis.org/statistics/about_derivatives_stats.htm

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

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

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

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

Growth and liquidity of derivatives markets

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

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

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.

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 2018	Jun 2019	Sep 2019	2017	2018	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019
Futures										
All markets	39,113	39,406	36,988	5,877	7,128	8,062	10,007	7,084	8,312	7,641
Interest rate	38,856	39,139	36,729	5,762	6,982	7,938	9,856	6,980	8,175	7,497
Short-term	35,984	36,167	33,904	5,065	6,135	6,842	8,952	6,325	7,028	6,632
Long-term	2,872	2,971	2,826	697	847	1,095	904	655	1,147	866
Foreign exchange	257	267	258	115	146	124	150	104	136	144
North America	26,752	27,099	25,993	3,952	4,879	6,220	7,562	5,145	6,383	5,561
Interest rate	26,584	26,930	25,828	3,871	4,788	6,152	7,464	5,087	6,311	5,468
Short-term	24,821	25,030	23,951	3,501	4,317	5,390	6,990	4,717	5,488	5,022
Long-term	1,763	1,900	1,877	370	471	762	474	370	823	446
Foreign exchange	168	168	165	81	91	69	98	58	72	93
Europe	9,785	8,980	8,118	1,636	1,926	1,454	1,978	1,630	1,571	1,682
Interest rate	9,780	8,973	8,113	1,633	1,923	1,453	1,976	1,628	1,568	1,680
Short-term	8,989	8,252	7,487	1,388	1,639	1,193	1,677	1,409	1,331	1,396
Long-term	791	721	626	245	284	259	300	220	237	283
Foreign exchange	5	7	6	3	3	2	2	2	3	2
Asia and Pacific	1,731	2,467	1,926	208	226	290	357	210	237	310
Interest rate	1,713	2,440	1,901	199	212	274	341	196	218	293
Short-term	1,400	2,096	1,584	118	121	200	210	131	131	158
Long-term	313	344	316	81	91	74	130	65	87	136
Foreign exchange	17	27	25	9	14	16	16	14	19	16
Other markets	846	861	950	81	98	97	109	99	121	89
Interest rate	779	795	888	58	59	60	75	69	79	56
Short-term	773	789	882	58	59	59	75	68	78	56
Long-term	6	6	6	0	0	0	0	1	0	0
Foreign exchange	67	65	63	23	39	38	34	31	42	33
Options										
All markets	55,724	80,867	72,843	1,696	1,829	2,404	3,688	1,889	2,312	2,110
Interest rate	55,585	80,746	72,714	1,682	1,813	2,391	3,675	1,877	2,296	2,097
Short-term	54,663	79,679	71,746	1,571	1,675	2,241	3,536	1,751	2,134	1,932
Long-term	923	1,066	968	110	138	150	138	126	162	165
Foreign exchange	139	121	129	14	15	13	14	12	15	14
North America	42,090	66,130	55,518	1,413	1,491	2,173	3,299	1,566	1,972	1,595
Interest rate	42,022	66,067	55,445	1,405	1,482	2,167	3,293	1,561	1,965	1,589
Short-term	41,361	65,223	54,764	1,330	1,383	2,045	3,181	1,466	1,839	1,470
Long-term	661	844	681	74	99	122	112	94	126	119
Foreign exchange	68	64	73	9	8	6	6	5	6	6
Europe	13,116	13,730	16,415	260	316	199	333	285	310	487
Interest rate	13,115	13,728	16,414	259	316	199	333	285	310	487
Short-term	12,861	13,515	16,138	227	280	173	309	255	277	444
Long-term	253	213	277	33	36	25	24	30	33	42
Foreign exchange	1	2	1	0	0	0	0	0	0	0
Asia and Pacific	10	11	13	6	8	7	7	7	9	10
Interest rate	7	8	9	3	3	2	2	2	3	4
Short-term	0	0	0	0	0	0	0	0	0	0
Long-term	7	8	9	3	3	2	2	2	3	4
Foreign exchange	3	3	3	3	4	5	5	5	6	6
Other markets	508	996	897	17	14	26	49	32	21	19
Interest rate	441	943	845	14	12	23	47	30	18	17
Short-term	440	942	844	14	12	23	47	30	18	17
Long-term	1	1	1	0	0	0	0	0	0	0
Foreign exchange	67	53	51	3	2	2	2	2	3	2

Exchange-traded futures and options, by currency

Notional principal, in billions of US dollars

Table D2

Market risk category / currency	Open interest			Daily average turnover						
	Dec 2018	Jun 2019	Sep 2019	2017	2018	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019
Interest rate	94,442	119,885	109,443	7,444	8,795	10,329	13,531	8,857	10,472	9,594
AUD	1,352	2,051	1,569	139	142	217	247	144	148	196
BRL	979	1,503	1,447	59	54	64	111	77	76	66
CAD	753	926	981	98	102	117	113	91	107	113
CHF	290	292	259	25	29	18	41	36	34	38
CNY	12	14	18	9	6	7	5	7	9	9
DKK	0	0	0	0	0	0	0	0	0	0
EUR	15,023	14,698	12,845	1,238	1,489	993	1,618	1,378	1,178	1,306
GBP	7,394	7,617	11,336	621	715	640	649	499	664	819
HKD	0	0	0	0	0	0	0	0	0	0
HUF	0	0	0	0	0	0	0	0	0	0
INR	0	9	1	0	0	0	0	0	0	0
JPY	203	184	164	38	47	33	60	30	40	62
KRW	38	45	37	12	14	12	22	12	16	22
MXN	0	0	0	0	0	0	0	0	0	0
NOK	3	3	2	0	0	0	0	0	0	0
NZD	109	143	120	4	5	7	9	4	7	7
PLN	0	0	0	0	0	0	0	0	0	0
RUB	0	1	1	0	0	0	0	0	0	0
SEK	184	91	84	4	5	1	1	1	1	2
SGD	0	0	0	0	0	0	0	0	0	0
TRY	0	0	0	0	0	0	0	0	0	0
TWD	0	0	0	0	0	0	0	0	0	0
USD	68,093	92,301	80,571	5,195	6,186	8,221	10,655	6,576	8,190	6,951
ZAR	7	7	7	0	0	0	0	1	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Foreign exchange	396	388	387	130	162	137	164	116	152	158
AUD	14	16	16	8	9	7	9	6	6	7
BRL	120	105	104	24	39	38	35	31	43	34
CAD	18	17	15	6	7	6	8	5	6	7
CHF	10	9	11	4	4	3	6	3	4	5
CNY	7	10	9	1	3	5	6	4	6	5
DKK	0	0	0	0	0	0	0	0	0	0
EUR	119	123	122	38	47	29	47	28	31	45
GBP	35	28	34	11	12	9	11	8	9	14
HKD	0	0	0	0	0	0	0	0	0	0
HUF	1	1	1	0	0	0	0	0	0	0
INR	6	12	12	8	12	11	12	11	15	14
JPY	42	34	36	20	18	18	20	12	20	19
KRW	7	8	8	3	3	5	4	3	4	4
MXN	7	10	10	2	2	2	3	1	2	2
NOK	0	1	0	0	0	0	0	0	0	0
NZD	2	4	5	2	2	2	2	1	2	2
PLN	0	0	0	0	0	0	0	0	0	0
RUB	5	7	6	3	2	2	2	2	2	2
SEK	0	0	0	0	0	0	0	0	0	0
SGD	0	0	0	0	0	0	0	0	0	0
TRY	2	4	2	0	0	0	0	0	0	0
TWD	0	0	0	0	0	0	0	0	0	0
USD	382	374	372	127	159	136	161	115	150	154
ZAR	8	4	6	1	1	0	1	0	0	0
Other currencies	7	10	7	1	1	2	2	2	2	1

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 2018	Jun 2019	Sep 2019	2017	2018	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019
Futures	39,113	39,406	36,988	5,877	7,128	8,062	10,007	7,084	8,312	7,641
Interest rate	38,856	39,139	36,729	5,762	6,982	7,938	9,856	6,980	8,175	7,497
Short-term	35,984	36,167	33,904	5,065	6,135	6,842	8,952	6,325	7,028	6,632
AUD	1,192	1,873	1,399	109	111	190	197	124	121	147
BRL	538	561	603	45	42	41	64	48	59	49
CAD	604	713	744	88	90	97	103	82	88	97
CHF	289	291	259	25	29	18	41	36	34	38
EUR	5,920	5,183	4,509	860	1,042	670	1,125	987	818	896
GBP	2,658	2,694	2,639	495	562	504	509	385	477	460
JPY	94	78	64	5	5	2	4	3	2	3
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	3	3	2	0	0	0	0	0	0	0
NZD	109	143	120	4	5	7	9	4	7	7
SEK	119	80	77	4	4	1	1	0	1	2
USD	24,457	24,548	23,486	3,430	4,245	5,312	6,898	4,655	5,421	4,931
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	1	1	1	0	0	0	0	0	0	0
Long-term	2,872	2,971	2,826	697	847	1,095	904	655	1,147	866
AUD	160	177	166	30	32	26	49	20	26	49
BRL	0	0	0	0	0	0	0	0	0	0
CAD	39	50	47	7	9	16	9	8	16	9
CHF	0	0	0	0	0	0	0	0	0	0
EUR	692	638	547	220	251	225	276	198	201	257
GBP	98	82	78	25	33	35	24	22	36	26
JPY	102	99	94	30	39	29	53	25	35	56
KRW	38	45	37	12	14	12	22	12	16	22
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	1,724	1,850	1,830	363	462	746	466	362	807	437
ZAR	6	6	6	0	0	0	0	1	0	0
Other currencies	12	23	19	9	6	7	6	7	9	9
Foreign exchange	257	267	258	115	146	124	150	104	136	144
AUD	9	12	12	7	8	7	9	6	6	7
BRL	63	59	61	22	38	37	33	29	41	32
CAD	13	12	10	6	6	6	7	5	6	7
CHF	10	8	10	4	4	3	5	3	4	5
EUR	86	88	83	33	42	25	43	25	27	41
GBP	22	22	23	11	11	9	11	8	9	13
JPY	29	20	21	19	17	16	19	11	19	18
KRW	7	8	8	3	3	5	4	3	4	4
MXN	7	10	10	2	2	2	3	1	2	2
NOK	0	1	0	0	0	0	0	0	0	0
NZD	2	4	5	2	2	2	2	1	2	2
SEK	0	0	0	0	0	0	0	0	0	0
USD	243	253	245	113	144	123	147	103	135	141
ZAR	2	2	2	1	1	0	0	0	0	0
Other currencies	20	34	27	10	14	15	16	13	19	16

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 2018	Jun 2019	Sep 2019	2017	2018	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019
Options	55,724	80,867	72,843	1,696	1,829	2,404	3,688	1,889	2,312	2,110
Interest rate	55,585	80,746	72,714	1,682	1,813	2,391	3,675	1,877	2,296	2,097
Short-term	54,663	79,679	71,746	1,571	1,675	2,241	3,536	1,751	2,134	1,932
AUD	0	0	0	0	0	0	0	0	0	0
BRL	440	942	844	14	12	23	47	30	18	17
CAD	110	163	190	2	3	4	1	2	3	6
CHF	0	0	0	0	0	0	0	0	0	0
EUR	8,159	8,664	7,512	126	160	73	193	164	126	111
GBP	4,637	4,839	8,619	101	119	101	116	91	150	333
JPY	0	0	0	0	0	0	0	0	0	0
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	65	11	7	0	0	0	0	0	0	0
USD	41,251	65,059	54,574	1,328	1,380	2,041	3,179	1,465	1,836	1,464
ZAR	0	0	0	0	0	0	0	0	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Long-term	923	1,066	968	110	138	150	138	126	162	165
AUD	0	1	3	0	0	0	0	0	0	0
BRL	0	0	0	0	0	0	0	0	0	0
CAD	0	0	0	0	0	0	0	0	0	0
CHF	0	0	0	0	0	0	0	0	0	0
EUR	252	213	276	33	36	25	24	30	33	42
GBP	1	1	0	0	0	0	0	0	0	0
JPY	7	7	6	3	3	2	2	2	3	4
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	660	844	680	74	99	122	112	94	126	118
ZAR	1	1	1	0	0	0	0	0	0	0
Other currencies	0	0	0	0	0	0	0	0	0	0
Foreign exchange	139	121	129	14	15	13	14	12	15	14
AUD	5	4	5	0	0	0	0	0	0	0
BRL	57	46	43	2	2	2	2	2	2	1
CAD	5	4	4	1	1	0	0	0	0	0
CHF	0	1	1	0	0	0	0	0	0	0
EUR	33	34	39	5	5	3	4	3	4	4
GBP	13	7	11	1	1	1	0	0	0	1
JPY	13	14	15	2	1	1	1	1	1	1
KRW	0	0	0	0	0	0	0	0	0	0
MXN	0	0	0	0	0	0	0	0	0	0
NOK	0	0	0	0	0	0	0	0	0	0
NZD	0	0	0	0	0	0	0	0	0	0
SEK	0	0	0	0	0	0	0	0	0	0
USD	138	120	127	14	15	13	14	12	15	14
ZAR	6	2	4	0	0	0	0	0	0	0
Other currencies	8	9	9	4	5	5	6	5	7	6

Global OTC derivatives market

In billions of US dollars

Table D5

	Notional amounts outstanding				Gross market value			
	H2 2017	H1 2018	H2 2018	H1 2019	H2 2017	H1 2018	H2 2018	H1 2019
All contracts	531,911	594,832	544,383	640,442	10,956	10,326	9,662	12,061
Foreign exchange contracts	87,117	95,798	90,658	98,651	2,293	2,620	2,257	2,229
By instrument								
Outright forwards and fx swaps	50,847	56,416	53,908	59,359	1,111	1,249	1,074	1,045
Currency swaps	25,535	26,012	24,856	26,443	989	1,155	990	1,008
Options	10,679	13,307	11,836	12,806	192	216	193	177
Other products	56	64	58	43	...	...	...	...
By counterparty								
Reporting dealers	36,128	40,609	37,706	39,494	936	1,146	966	881
Other financial institutions	39,084	43,308	41,548	47,156	918	1,042	891	953
Central counterparties	2,100	2,907	2,709	3,744	65	71	59	62
Non-financial customers	11,849	11,817	11,346	11,958	439	431	400	395
By maturity								
Up to one year	68,083	76,145	71,406	77,945	...	...	...	...
Between one and five years	13,474	13,879	13,753	14,773	...	...	...	...
Over five years	5,504	5,709	5,441	5,890	...	...	...	...
By currency								
USD	74,756	84,448	80,187	87,299	1,974	2,336	1,981	1,852
EUR	28,280	31,368	28,300	29,408	782	825	627	748
JPY	14,838	15,629	15,248	15,608	300	363	391	314
GBP	12,257	11,719	11,032	11,384	305	357	307	284
CHF	4,257	4,196	3,860	4,160	91	94	72	97
CAD	4,088	4,484	4,250	5,124	107	117	145	117
SEK	2,268	2,131	2,082	1,881	47	59	38	48
Other currencies	33,490	37,621	36,357	42,438	979	1,089	953	998
Interest rate contracts	426,648	481,086	436,832	523,960	7,579	6,644	6,400	8,806
By instrument								
FRAs	68,334	84,131	67,636	88,984	112	107	134	232
Swaps	318,870	349,762	326,681	389,337	6,747	5,914	5,686	7,793
Options	39,112	46,833	42,159	45,298	719	623	581	782
Other products	332	361	357	340	...	...	...	...
By counterparty								
Reporting dealers	40,720	40,116	39,010	38,945	1,963	1,704	1,623	1,920
Other financial institutions	371,868	426,168	383,771	470,732	5,002	4,326	4,232	6,190
Central counterparties	320,218	366,665	332,086	407,709	3,217	2,702	2,713	4,230
Non-financial customers	13,729	14,441	13,695	13,943	614	614	546	696
By maturity								
Up to one year	191,445	231,283	200,650	252,886	...	...	...	...
Between one and five years	140,035	155,344	147,359	169,267	...	...	...	...
Over five years	94,836	94,098	88,466	101,467	...	...	...	...
By currency								
USD	156,506	192,510	169,163	199,190	1,434	1,326	1,183	1,745
EUR	121,890	129,417	114,010	135,431	3,561	3,140	3,134	4,352
JPY	38,772	37,215	36,166	39,156	491	443	464	568
GBP	37,570	44,522	39,454	46,971	1,292	1,067	924	1,118
CHF	4,107	4,398	3,467	3,861	62	52	50	65
CAD	10,944	12,494	14,225	13,720	135	104	95	118
SEK	5,985	6,052	5,931	5,213	65	60	52	53
Other currencies	50,874	54,478	54,416	80,417	539	452	498	786
Equity-linked contracts	6,569	7,071	6,419	7,046	575	608	571	579
By instrument								
Forwards and swaps	3,210	3,299	2,938	3,142	197	228	248	223
Options	3,360	3,772	3,481	3,904	378	380	323	356
By counterparty								
Reporting dealers	1,685	1,770	1,603	1,767	163	153	132	127
Other financial institutions	4,161	4,498	4,022	4,421	321	337	328	343
Central counterparties	13	20	15	25	0	0	1	1
Non-financial customers	723	803	793	858	91	117	111	108
By maturity								
Up to one year	4,087	4,435	4,005	4,465	...	...	...	...
Between one and five years	2,121	2,296	2,115	2,274	...	...	...	...
Over five years	361	340	298	306	...	...	...	...
By market								
US equities	2,823	3,027	2,930	3,200	239	260	222	230
European equities	2,227	2,317	2,021	2,220	159	170	164	160
Japanese equities	309	309	271	284	33	36	36	32
Other Asian equities	333	366	288	316	20	22	19	19
Latin American equities	244	284	261	314	12	14	19	20
Other equities	634	768	648	713	112	106	112	119

Global OTC derivatives market (continued)

In billions of US dollars

Table D5

	Notional amounts outstanding				Gross market value			
	H2 2017	H1 2018	H2 2018	H1 2019	H2 2017	H1 2018	H2 2018	H1 2019
Commodity contracts	1,862	2,133	1,903	2,114	189	207	220	198
By commodity								
Gold	520	568	518	757	21	23	21	31
Other precious metal	53	70	65	73	3	4	4	4
Other commodities	1,288	1,495	1,320	1,285	164	180	195	163
By instrument and commodity								
Forwards and swaps	1,414	1,627	1,455	1,506				
Gold	381	419	381	495				
Other precious metal	40	54	48	52				
Other commodities	993	1,153	1,026	958				
Total options	447	506	449	609				
Gold	139	149	137	262				
Other precious metal	14	15	17	20				
Other commodities	294	342	294	326				
Options sold (gross basis)	275	313	287	419				
Gold	85	87	81	180				
Other precious metal	8	9	10	11				
Other commodities	182	218	197	228				
Options bought (gross basis)	272	305	261	326				
Gold	85	95	86	141				
Other precious metal	9	10	12	14				
Other commodities	178	200	163	171				
Credit derivatives	9,578	8,581	8,372	8,418	313	238	191	235
Credit default swaps	9,354	8,345	8,141	7,809	304	232	187	214
By instrument								
Single-name instruments	4,570	4,145	3,952	3,579	130	118	105	101
Multi-name instruments	4,784	4,200	4,188	4,229	174	115	82	112
Index products	4,442	4,007	3,900	3,888				
By counterparty								
Reporting dealers	2,321	1,999	1,809	1,571	68	57	52	49
Other financial institutions	6,817	6,110	6,062	5,933	227	171	129	156
Central counterparties	5,136	4,519	4,445	4,217	164	118	75	96
Banks and securities firms	487	406	400	409	14	11	8	12
Insurance firms	124	125	127	111	6	5	5	6
SPVs, SPCs and SPEs	76	56	48	46	4	3	2	2
Hedge funds	375	381	383	371	19	17	18	16
Other financial customers	618	624	658	778	21	18	20	24
Non-financial customers	216	236	271	305	9	5	6	8
By rating category								
Investment grade	6,008	5,321	5,136	4,529				
Non-investment grade	2,049	1,857	1,377	1,610				
Non-rated	1,216	1,077	1,545	1,420				
By maturity								
Up to one year	1,882	1,404	1,474	1,781				
Between one and five years	6,629	6,076	5,824	5,015				
Over five years	763	775	760	762				
By sector								
Sovereigns	1,530	1,458	1,368	1,265				
Financial firms	1,544	1,433	1,481	1,603				
Non-financial firms	2,406	2,104	2,010	2,181				
Securitised products	371	382	300	278				
Multiple sectors	3,456	2,916	2,934	2,270				
By location of counterparty								
Home country	2,222	2,063	2,128	1,869				
Abroad	7,051	6,192	5,930	5,690				
United States	2,187	1,737	1,539	1,552				
European developed	4,131	3,701	3,678	3,322				
Japan	79	75	72	69				
Other Asian countries	75	78	78	70				
Latin America	313	327	314	374				
All other countries	267	273	249	303				
Other derivatives	137	164	199	253	8	9	22	14
Gross credit exposure					2,683	2,570	2,274	2,662

OTC, foreign exchange derivatives

In billions of US dollars

Table D6

	Total	USD	EUR	JPY	GBP	CHF	CAD	SEK	Other
	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19
Notional amounts outstanding									
Total foreign exchange contracts	98,651	87,299	29,408	15,608	11,384	4,160	5,124	1,881	42,438
Outright forwards and forex swaps	59,359	53,308	16,246	8,418	6,490	2,688	2,908	1,216	27,443
Reporting dealers	20,055	18,810	5,280	3,877	2,248	873	996	337	7,687
Other financial institutions	31,939	28,870	7,821	3,609	3,269	1,505	1,426	578	16,802
Central counterparties	3,436	3,386	18	6	5	9	0	0	3,447
Non-financial customers	7,365	5,627	3,146	932	972	311	486	301	2,954
Total including gold	59,854								
Currency swaps	26,443	22,995	9,493	4,519	4,029	1,003	1,766	585	8,495
Reporting dealers	13,662	12,454	4,383	2,888	2,074	469	941	201	3,914
Other financial institutions	9,693	8,159	3,575	1,295	1,473	418	557	289	3,619
Central counterparties	205	184	7	0	0	0	0	0	219
Non-financial customers	3,088	2,382	1,535	336	482	116	267	96	962
Total options	12,806	10,996	3,668	2,670	865	468	450	80	6,415
Reporting dealers	5,777	4,965	1,707	1,520	399	233	206	23	2,501
Other financial institutions	5,524	4,653	1,419	949	352	203	174	38	3,259
Central counterparties	103	102	37	1	7	5	0	...	56
Non-financial customers	1,505	1,378	542	201	113	31	70	19	655
Total including gold	13,068								
Options sold (gross basis)	9,226	7,881	2,681	2,134	616	345	314	49	4,432
Reporting dealers	5,746	4,920	1,695	1,542	386	234	199	23	2,493
Other financial institutions	2,779	2,315	731	496	177	99	82	18	1,640
Central counterparties	54	52	19	0	3	2	0	...	31
Non-financial customers	701	645	255	96	53	13	33	8	298
Total including gold	9,406								
Options bought (gross basis)	9,358	8,080	2,694	2,056	648	356	342	55	4,485
Reporting dealers	5,808	5,009	1,719	1,497	412	233	213	24	2,510
Other financial institutions	2,745	2,338	689	453	175	104	91	20	1,619
Central counterparties	49	49	18	0	3	2	0	...	25
Non-financial customers	805	733	287	105	60	19	37	11	357
Total including gold	9,499								
Total contracts including gold	99,408								
Gross market values									
Total foreign exchange contracts	2,229	1,852	748	314	284	97	117	48	998
Outright forwards and forex swaps	1,045	909	307	137	112	47	53	27	497
Reporting dealers	371	333	97	70	41	16	22	10	152
Other financial institutions	522	462	141	52	51	25	22	12	280
Central counterparties	58	66	3	1	2	0	0	0	44
Non-financial customers	152	114	68	15	21	6	9	6	64
Currency swaps	1,008	786	391	133	163	40	58	20	424
Reporting dealers	431	371	125	71	57	14	25	6	193
Other financial institutions	365	266	161	40	56	18	17	9	164
Central counterparties	4	3	0	0	0	0	0	0	4
Non-financial customers	211	148	105	22	50	8	17	5	67
Total options	177	157	50	44	9	9	6	1	77
Reporting dealers	79	73	21	27	3	5	2	0	29
Other financial institutions	65	59	18	12	4	3	2	0	33
Central counterparties	1	1	0	0	0	0	0	0	0
Non-financial customers	32	26	12	5	2	1	2	0	15
Options sold (gross basis)	130	112	39	38	7	7	4	1	52
Reporting dealers	80	69	22	30	3	5	2	0	27
Other financial institutions	34	31	10	6	2	2	1	0	17
Central counterparties	0	0	0	0	0	0	0	0	0
Non-financial customers	16	13	6	2	1	1	1	0	7
Options bought (gross basis)	127	114	34	36	6	7	4	1	53
Reporting dealers	79	73	21	27	3	5	2	0	29
Other financial institutions	31	28	8	6	2	1	1	0	16
Central counterparties	0	1	0	0	0	0	0	0	0
Non-financial customers	17	13	6	3	1	1	1	0	8
Total FX contracts including gold	2,260								
Herfindahl indices¹									
Outright forwards, forex swaps and currency swaps	509	525	477	522	527	653	644	751	
Between reporters	515	528	506	564	550	620	661	811	
With non-reporters	523	553	462	474	536	758	718	779	
Total options	835	804	772	780	907	1,012	746	972	
Between reporters	781	750	750	759	871	1,009	724	1,055	
With non-reporters	1,005	976	853	986	1,021	1,165	884	974	

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19
Notional amounts outstanding									
Total interest rate contracts	523,960	199,190	135,431	39,156	46,971	3,861	13,720	5,213	80,417
FRAs	88,984	49,900	23,623	26	8,571	926	68	1,877	3,992
Reporting dealers	548	195	44	1	8	6	3	38	255
Other financial institutions	87,735	49,196	23,525	22	8,558	921	54	1,825	3,635
Central counterparties	82,402	45,778	23,116	18	8,399	918	44	1,778	2,351
Non-financial customers	701	510	54	4	4	0	11	15	102
Swaps	389,337	124,465	96,350	37,303	36,455	2,907	13,598	3,201	75,058
Reporting dealers	15,941	4,261	4,309	1,370	1,225	164	258	161	4,192
Other financial institutions	363,096	117,121	89,067	35,085	34,582	2,694	12,901	2,941	68,705
Central counterparties	325,248	105,052	78,394	32,448	31,758	2,402	12,212	2,751	60,231
Non-financial customers	10,300	3,083	2,974	848	647	49	438	99	2,162
Total options	45,298	24,825	15,458	1,826	1,946	28	54	135	1,027
Reporting dealers	22,455	11,959	7,880	1,331	910	11	13	30	322
Other financial institutions	19,901	11,040	6,776	442	940	12	32	95	563
Central counterparties	60	5	5	0	...	...	...	25	25
Non-financial customers	2,942	1,826	802	53	96	4	9	11	142
Options sold (gross basis)	35,467	19,737	11,724	1,623	1,513	22	36	91	722
Reporting dealers	22,820	12,278	7,911	1,324	933	13	12	28	321
Other financial institutions	10,548	6,090	3,288	272	513	7	18	53	309
Central counterparties	31	5	2	...	...	...	...	12	12
Non-financial customers	2,098	1,369	525	28	67	2	6	10	92
Options bought (gross basis)	32,287	17,047	11,614	1,534	1,343	18	32	74	627
Reporting dealers	22,090	11,640	7,849	1,338	886	10	14	31	323
Other financial institutions	9,353	4,950	3,488	171	427	6	14	42	254
Central counterparties	29	...	3	0	...	...	...	13	13
Non-financial customers	844	457	277	26	29	2	3	1	50
Gross market values									
Total interest rate contracts	8,806	1,745	4,352	568	1,118	65	118	53	786
FRAs	232	67	104	0	24	3	1	4	30
Reporting dealers	14	6	5	0	0	0	0	0	1
Other financial institutions	202	50	94	0	23	2	0	4	28
Central counterparties	163	34	82	0	22	2	0	4	19
Non-financial customers	16	10	5	0	0	0	0	0	0
Swaps	7,793	1,425	3,827	537	1,044	59	117	48	737
Reporting dealers	1,422	334	615	106	222	11	14	3	117
Other financial institutions	5,736	968	2,874	407	748	44	89	40	565
Central counterparties	4,066	723	2,055	312	391	29	72	32	453
Non-financial customers	635	123	337	23	75	4	14	4	55
Total options	782	254	421	31	51	3	1	2	19
Reporting dealers	485	145	270	26	36	1	0	1	6
Other financial institutions	252	94	128	5	13	1	0	1	10
Central counterparties	0	0	0	0	...	...	...	0	0
Non-financial customers	45	15	23	0	3	0	0	0	3
Options sold (gross basis)	631	202	339	29	41	2	1	1	14
Reporting dealers	481	144	268	26	33	1	0	1	7
Other financial institutions	135	53	64	3	8	1	0	0	6
Central counterparties	0	0	0	...	...	...	...	0	0
Non-financial customers	14	5	7	0	0	0	0	0	1
Options bought (gross basis)	632	196	350	28	43	2	0	1	12
Reporting dealers	485	145	270	26	36	1	0	1	6
Other financial institutions	117	41	64	2	5	0	0	0	4
Central counterparties	0	0	0	0	...	...	...	0	0
Non-financial customers	31	10	16	0	2	0	0	0	1
Herfindahl indices									
FRAs	569	770	576	1,415	1,277	1,353	4,058	2,035	
Between reporters	1,016	2,791	2,803	3,095	1,986	6,039	4,439	4,125	
With non-reporters	569	764	579	1,377	1,282	1,358	4,042	2,169	
Swaps	442	603	463	544	722	1,223	1,209	1,113	
Between reporters	564	640	620	501	1,017	1,145	986	3,197	
With non-reporters	451	612	470	548	718	1,702	1,221	1,084	
Total options	746	864	717	767	1,247	1,321	1,739	5,442	
Between reporters	705	849	668	792	1,129	1,153	1,749	3,814	
With non-reporters	885	937	1,086	787	1,544	1,774	2,122	7,064	

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19
Notional amounts outstanding							
Total equity-linked contracts	7,046	3,200	2,220	284	316	314	713
Forwards and swaps	3,142	1,155	1,150	156	169	235	276
Reporting dealers	613	203	323	37	10	8	31
Other financial institutions	2,190	830	723	94	137	215	190
Central counterparties	16	2	12	0	0	0	1
Non-financial customers	339	121	104	24	23	11	55
Total options	3,904	2,045	1,069	128	146	79	437
Reporting dealers	1,155	453	506	57	32	1	106
Other financial institutions	2,231	1,293	469	64	99	65	240
Central counterparties	9	3	4	0	1	1	1
Non-financial customers	519	298	94	7	16	13	91
Options sold (gross basis)	2,910	1,464	892	103	102	50	298
Reporting dealers	1,209	488	540	57	31	1	92
Other financial institutions	1,397	801	297	43	60	42	154
Central counterparties	6	3	2	0	0	0	1
Non-financial customers	303	175	55	3	11	7	52
Options bought (gross basis)	2,150	1,034	684	81	75	30	245
Reporting dealers	1,100	418	473	56	32	1	120
Other financial institutions	834	492	172	21	38	24	86
Central counterparties	3	0	2	...	1	0	0
Non-financial customers	216	124	39	4	5	5	39
Gross market values							
Total equity-linked contracts	579	230	160	32	19	20	119
Forwards and swaps	223	81	83	14	10	17	19
Reporting dealers	30	11	15	1	1	0	3
Other financial institutions	139	53	43	6	9	16	13
Central counterparties	0	0	0	0	0	0	0
Non-financial customers	54	17	25	7	1	0	3
Total options	356	149	77	18	9	3	100
Reporting dealers	97	47	30	10	2	0	8
Other financial institutions	204	72	35	7	7	2	81
Central counterparties	1	1	0	0	0	0	0
Non-financial customers	54	29	12	1	1	1	10
Options sold (gross basis)	238	107	54	16	5	2	54
Reporting dealers	98	48	30	11	1	0	8
Other financial institutions	111	40	21	5	4	1	40
Central counterparties	0	0	0	0	0	0	0
Non-financial customers	29	18	3	0	0	0	6
Options bought (gross basis)	216	90	53	13	5	1	53
Reporting dealers	97	47	30	10	2	0	8
Other financial institutions	93	32	15	2	3	1	40
Central counterparties	1	1	0	0	0	0	0
Non-financial customers	25	11	8	0	0	0	5
Herfindahl indices							
Forwards and swaps	785	1,002	795	1,069	1,170	2,309	
Between reporters	691	878	772	1,249	1,268	5,875	
With non-reporters	926	1,138	1,135	1,447	1,258	2,404	
Total options	750	879	816	1,125	1,289	3,452	
Between reporters	771	1,062	943	1,195	1,264	2,152	
With non-reporters	777	855	770	1,287	1,548	3,529	

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 19	H1 19	H1 19	H1 19
Total foreign exchange contracts	98,651	77,945	14,773	5,890
Outright forwards, forex swaps and currency swaps	85,802	67,138	13,136	5,528
Reporting dealers	33,717	24,968	6,039	2,710
Other financial institutions	41,632	34,790	5,036	1,806
Central counterparties	3,641	3,415	178	47
Non-financial customers	10,452	7,380	2,061	1,012
Total options	12,806	10,808	1,637	362
Reporting dealers	5,777	4,757	820	200
Other financial institutions	5,524	4,922	531	70
Central counterparties	103	92	11	0
Non-financial customers	1,505	1,129	285	92
Options sold (gross basis)	9,226	7,686	1,257	282
Reporting dealers	5,746	4,712	829	204
Other financial institutions	2,779	2,437	295	47
Central counterparties	54	48	6	0
Non-financial customers	701	536	134	31
Options bought (gross basis)	9,358	7,879	1,200	280
Reporting dealers	5,808	4,801	811	196
Other financial institutions	2,745	2,485	237	23
Central counterparties	49	44	5	0
Non-financial customers	805	593	151	61
Total FX contracts including gold	99,408	78,650	14,816	5,905
Total interest rate contracts	523,960	252,886	169,267	101,467
Forwards and swaps	478,321	237,570	148,107	92,645
Reporting dealers	16,490	4,907	6,116	5,466
Other financial institutions	450,832	229,884	137,289	83,659
Central counterparties	407,650	214,241	121,100	72,309
Non-financial customers	11,000	2,778	4,702	3,520
Total options	45,298	15,316	21,160	8,822
Reporting dealers	22,455	7,244	10,094	5,117
Other financial institutions	19,901	7,169	9,445	3,286
Central counterparties	60	48	5	6
Non-financial customers	2,942	903	1,620	419
Options sold (gross basis)	35,467	11,963	16,284	7,220
Reporting dealers	22,820	7,437	10,203	5,181
Other financial institutions	10,548	3,855	4,867	1,826
Central counterparties	31	24	2	6
Non-financial customers	2,098	671	1,214	213
Options bought (gross basis)	32,287	10,597	14,970	6,720
Reporting dealers	22,090	7,051	9,986	5,053
Other financial institutions	9,353	3,314	4,578	1,460
Central counterparties	29	25	4	0
Non-financial customers	844	232	406	206
Total equity-linked contracts	7,046	4,465	2,274	306
Forwards and swaps	3,142	2,060	933	149
Reporting dealers	613	436	151	26
Other financial institutions	2,190	1,384	694	112
Central counterparties	16	15	1	0
Non-financial customers	339	240	88	11
Total options	3,904	2,406	1,342	157
Reporting dealers	1,155	557	550	48
Other financial institutions	2,231	1,542	615	74
Central counterparties	9	5	4	1
Non-financial customers	519	306	177	36
Options sold (gross basis)	2,910	1,684	1,099	127
Reporting dealers	1,209	562	587	60
Other financial institutions	1,397	947	402	48
Central counterparties	6	3	3	0
Non-financial customers	303	175	110	19
Options bought (gross basis)	2,150	1,278	793	79
Reporting dealers	1,100	552	512	36
Other financial institutions	834	595	213	26
Central counterparties	3	2	1	0
Non-financial customers	216	131	67	17

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19		H1 19
Total CDS contracts										
Notional amounts outstanding	7,809	1,571	5,933	4,217	409	111	46	371	778	305
Bought (gross basis)	4,838	1,572	3,097	2,095	238	71	35	206	452	169
Sold (gross basis)	4,542	1,569	2,836	2,122	172	40	11	165	325	137
Gross market values	214	49	156	96	12	6	2	16	24	8
Positive (gross basis)	128	49	76	48	6	3	1	7	11	3
Negative (gross basis)	134	48	81	49	7	3	1	9	12	5
Net market values	60	14	41	8	4	3	2	10	14	5
Positive (gross basis)	34	14	18	3	2	2	1	4	6	2
Negative (gross basis)	38	12	23	5	2	1	1	6	7	3
Single-name instruments										
Notional amounts outstanding	3,579	1,087	2,437	1,786	218	57	28	131	216	55
Bought (gross basis)	2,361	1,099	1,229	873	128	41	21	47	118	34
Sold (gross basis)	2,305	1,075	1,208	913	90	16	7	85	98	21
Gross market values	101	30	68	42	7	4	1	6	8	3
Positive (gross basis)	65	30	33	21	3	2	1	3	4	1
Negative (gross basis)	68	31	35	22	4	2	1	3	4	2
Multi-name instruments										
Notional amounts outstanding	4,229	484	3,495	2,431	191	54	18	240	562	250
Bought (gross basis)	2,476	474	1,868	1,222	109	30	13	160	334	134
Sold (gross basis)	2,237	494	1,627	1,209	82	25	4	80	228	115
Gross market values	112	19	88	54	6	2	1	10	16	5
Positive (gross basis)	63	19	42	27	3	1	0	4	7	2
Negative (gross basis)	66	17	46	27	3	1	0	6	8	3
Of which: index products										
Notional amounts outstanding	3,888	427	3,346	2,415	142	51	12	191	535	114
Bought (gross basis)	2,229	414	1,752	1,211	77	28	9	117	311	64
Sold (gross basis)	2,085	440	1,595	1,204	65	24	4	74	224	51

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19		H1 19
Total CDS contracts										
Investment grade	4,529	989	3,461	2,582	231	59	33	202	354	79
Bought (gross basis)	2,846	988	1,804	1,280	136	36	25	112	215	54
Sold (gross basis)	2,672	990	1,656	1,302	95	24	8	90	138	26
AAA/AA	718	168	515	299	54	13	8	55	86	35
Bought (gross basis)	478	169	283	138	36	10	4	35	60	26
Sold (gross basis)	408	167	232	160	19	3	4	20	26	9
A/BBB	3,811	821	2,946	2,284	176	46	25	147	268	44
Bought (gross basis)	2,368	819	1,522	1,142	100	26	21	77	156	27
Sold (gross basis)	2,264	823	1,425	1,142	76	20	4	70	112	17
Below investment grade	1,610	327	1,250	816	48	17	6	82	281	33
Bought (gross basis)	980	331	633	405	28	11	4	40	145	17
Sold (gross basis)	956	323	617	411	20	6	2	41	136	16
Non-rated	1,420	230	1,127	805	71	18	7	84	142	62
Bought (gross basis)	871	232	605	402	44	10	6	52	91	33
Sold (gross basis)	779	229	522	403	27	8	1	33	51	29
Single-name instruments										
Investment grade	2,586	780	1,771	1,395	121	30	21	79	124	36
Bought (gross basis)	1,697	787	887	688	73	19	16	25	67	22
Sold (gross basis)	1,670	773	884	707	49	11	6	54	58	13
AAA/AA	400	125	266	195	26	8	7	15	15	8
Bought (gross basis)	263	126	132	93	19	5	4	4	6	5
Sold (gross basis)	262	124	135	102	7	3	3	11	9	3
A/BBB	2,186	655	1,504	1,200	96	21	14	65	109	27
Bought (gross basis)	1,433	661	756	595	54	14	12	21	60	17
Sold (gross basis)	1,407	648	749	605	42	8	2	43	49	10
Below investment grade	680	214	459	332	23	3	3	42	55	7
Bought (gross basis)	447	218	224	156	15	2	3	17	32	4
Sold (gross basis)	447	210	234	176	9	1	0	25	23	3
Non-rated	213	73	133	55	24	7	3	7	37	7
Bought (gross basis)	155	77	74	27	16	6	3	2	20	5
Sold (gross basis)	131	70	59	28	8	1	0	5	17	2
Multi-name instruments										
Investment grade	1,943	210	1,690	1,188	109	30	11	123	229	44
Bought (gross basis)	1,150	201	917	592	63	17	9	87	149	31
Sold (gross basis)	1,003	218	773	596	46	13	2	36	80	12
AAA/AA	318	43	248	104	29	5	1	40	71	27
Bought (gross basis)	215	43	151	45	17	4	0	31	53	21
Sold (gross basis)	146	43	97	58	12	0	0	9	17	6
A/BBB	1,625	166	1,442	1,084	81	25	11	83	159	17
Bought (gross basis)	935	158	766	547	46	13	9	56	96	10
Sold (gross basis)	857	175	676	537	34	13	2	27	63	6
Below investment grade	930	112	791	484	24	15	3	40	227	26
Bought (gross basis)	534	112	408	248	13	9	1	24	113	13
Sold (gross basis)	509	113	383	235	11	5	2	16	113	13
Non-rated	1,206	157	994	750	47	10	4	77	105	55
Bought (gross basis)	715	155	531	375	28	3	3	49	72	29
Sold (gross basis)	648	159	463	375	19	7	1	28	34	26

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19		H1 19
Total CDS contracts										
One year or less	1,781	408	1,335	1,030	43	17	8	79	159	38
Bought (gross basis)	1,125	405	693	515	27	10	5	52	85	27
Sold (gross basis)	1,064	411	642	516	16	6	3	26	74	11
Over one year up to five years	5,015	937	3,959	2,904	204	58	26	241	526	119
Bought (gross basis)	3,053	941	2,047	1,431	121	36	19	135	305	65
Sold (gross basis)	2,899	933	1,912	1,473	83	22	7	106	221	53
Over five years	762	201	544	269	103	19	12	49	92	17
Bought (gross basis)	519	205	302	142	60	10	10	17	62	12
Sold (gross basis)	444	197	242	127	42	9	2	32	30	5
Single-name instruments										
One year or less	852	303	541	431	31	11	6	25	37	9
Bought (gross basis)	579	303	271	210	20	8	4	8	21	6
Sold (gross basis)	576	303	270	221	11	3	2	18	16	3
Over one year up to five years	2,334	653	1,648	1,236	112	22	15	97	165	33
Bought (gross basis)	1,501	665	817	601	67	15	11	35	87	19
Sold (gross basis)	1,487	642	831	635	45	7	4	62	77	14
Over five years	292	111	174	115	26	7	7	6	14	7
Bought (gross basis)	219	115	97	60	16	4	6	2	9	6
Sold (gross basis)	185	107	76	55	9	3	1	4	4	1
Multi-name instruments										
One year or less	929	105	794	600	12	6	2	53	122	30
Bought (gross basis)	546	102	423	304	7	2	1	45	63	21
Sold (gross basis)	488	108	371	295	5	3	1	9	58	9
Over one year up to five years	2,681	283	2,312	1,668	92	36	11	143	361	85
Bought (gross basis)	1,552	276	1,230	829	54	21	8	100	218	46
Sold (gross basis)	1,412	291	1,082	839	39	15	3	43	144	39
Over five years	470	90	370	154	77	12	5	43	78	10
Bought (gross basis)	300	90	204	82	44	6	4	15	53	6
Sold (gross basis)	260	90	166	72	33	6	1	28	26	4

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19	
Total CDS contracts										
Sovereigns	1,265	461	784	500	127	20	11	46	79	20
Bought (gross basis)	871	466	391	238	72	12	7	17	45	14
Sold (gross basis)	855	455	393	262	56	8	4	29	35	7
Financial firms	1,603	362	1,232	847	113	12	8	51	202	9
Bought (gross basis)	1,006	362	639	424	65	7	7	23	115	4
Sold (gross basis)	960	363	593	423	48	6	1	28	87	5
Non-financial firms	2,181	442	1,710	1,285	84	35	14	111	181	29
Bought (gross basis)	1,341	443	881	627	54	25	12	52	110	17
Sold (gross basis)	1,281	441	829	658	30	10	2	59	70	12
Securitised products and multiple sectors	2,549	289	2,144	1,574	50	31	13	161	316	116
Bought (gross basis)	1,503	286	1,148	798	30	16	9	112	183	69
Sold (gross basis)	1,335	292	996	775	20	15	4	48	133	47
ABS & MBS	262	46	206	106	2	4	1	64	29	10
Bought (gross basis)	180	51	124	49	2	2	0	45	26	4
Sold (gross basis)	127	40	81	57	1	1	1	18	3	6
Other securitised products	16	8	7	...	5	0	1	1	0	2
Bought (gross basis)	18	11	5	...	4	0	1	1	0	2
Sold (gross basis)	7	5	2	...	1	...	...	1	0	0
Multiple sectors	2,270	236	1,931	1,468	43	27	11	96	286	104
Bought (gross basis)	1,305	224	1,018	749	24	14	8	66	157	63
Sold (gross basis)	1,201	247	913	718	19	13	3	29	130	41
Single-name instruments										
Sovereigns	1,184	434	730	487	104	18	10	43	68	19
Bought (gross basis)	815	444	359	230	57	11	7	15	40	12
Sold (gross basis)	803	425	372	258	47	7	4	28	28	7
Financial firms	769	277	484	353	33	7	6	23	62	8
Bought (gross basis)	529	280	245	179	20	4	5	6	32	4
Sold (gross basis)	516	274	239	175	13	3	1	17	30	4
Non-financial firms	1,565	364	1,179	943	56	19	12	62	87	23
Bought (gross basis)	977	364	598	464	39	15	10	23	47	15
Sold (gross basis)	951	363	580	480	16	3	2	39	40	8
Multi-name instruments										
Sovereigns	81	26	53	12	24	2	0	3	12	1
Bought (gross basis)	56	22	32	8	15	1	0	2	5	1
Sold (gross basis)	51	30	21	4	8	1	...	1	6	0
Financial firms	835	86	748	493	79	5	2	28	140	1
Bought (gross basis)	477	82	394	245	44	2	2	17	83	0
Sold (gross basis)	444	89	354	248	35	3	0	11	57	1
Non-financial firms	616	78	531	342	28	16	2	48	94	6
Bought (gross basis)	364	79	283	164	15	10	2	29	63	2
Sold (gross basis)	330	78	248	178	13	6	0	20	31	4
Securitised products and multiple sectors	2,549	289	2,144	1,574	50	31	13	161	316	116
Bought (gross basis)	1,503	286	1,148	798	30	16	9	112	183	69
Sold (gross basis)	1,335	292	996	775	20	15	4	48	133	47
ABS & MBS	262	46	206	106	2	4	1	64	29	10
Bought (gross basis)	180	51	124	49	2	2	0	45	26	4
Sold (gross basis)	127	40	81	57	1	1	1	18	3	6
Other securitised products	16	8	7	...	5	0	1	1	0	2
Bought (gross basis)	18	11	5	...	4	0	1	1	0	2
Sold (gross basis)	7	5	2	...	1	...	...	1	0	0
Multiple Sectors	2,270	236	1,931	1,468	43	27	11	96	286	104
Bought (gross basis)	1,305	224	1,018	749	24	14	8	66	157	63
Sold (gross basis)	1,201	247	913	718	19	13	3	29	130	41

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 19	H1 19	H1 19	H1 19	H1 19	H1 19	H1 19
Total	7,809	1,869	5,690	1,552	3,322	69	70	374	303
Bought (gross basis)	4,838	1,113	3,584	878	2,191	73	54	223	166
Sold (gross basis)	4,542	1,078	3,329	865	2,085	46	33	153	149
With reporting dealers	1,571	322	1,224	190	954	49	17	2	12
Bought (gross basis)	1,572	331	1,221	187	946	59	16	2	11
Sold (gross basis)	1,569	314	1,227	194	962	40	17	1	13
With non-reporters	6,238	1,546	4,466	1,361	2,368	20	54	372	291
Bought (gross basis)	3,266	782	2,364	691	1,245	14	38	221	156
Sold (gross basis)	2,972	764	2,102	670	1,123	6	16	151	135

Turnover of OTC foreign exchange instruments

April 2019 daily averages, in millions of US dollars

Table D11.1

	Total	Spot transactions	Outright forwards	Foreign exchange swaps	Currency swaps	FX options
Total, "net-net" basis	6,595,471	1,987,441	999,318	3,202,667	108,486	297,522
By currency						
US dollar	5,824,036	1,687,179	883,119	2,905,785	101,895	246,058
Euro	2,129,114	615,509	255,673	1,141,653	26,012	90,267
Yen	1,108,495	360,221	145,256	515,729	24,054	63,234
Pound (sterling)	843,698	239,765	108,735	444,190	19,071	31,937
Australian dollar	446,511	170,020	52,827	186,332	12,077	25,254
Canadian dollar	332,053	121,791	42,963	145,739	7,168	14,392
Swiss franc	327,022	85,683	36,237	194,094	1,961	9,047
Renminbi	285,030	96,896	35,600	136,851	1,564	14,120
Other currencies	1,894,984	597,818	438,227	734,959	23,170	100,736
By counterparty						
With reporting dealers	2,523,141	592,902	267,784	1,498,371	55,952	108,131
Local	818,039	201,631	84,770	466,790	20,688	44,161
Cross-border	1,705,101	391,271	183,014	1,031,582	35,265	63,970
With other financial	3,598,511	1,235,512	615,431	1,538,516	46,599	162,453
Local	1,838,320	708,709	308,869	710,449	12,800	97,493
Cross-border	1,760,191	526,803	306,563	828,067	33,799	64,960
Non-reporting banks	1,615,720	448,235	126,515	967,327	21,531	52,112
Institutional investors	776,872	308,349	214,863	212,409	8,360	32,892
Hedge funds and PTFs	593,020	261,175	153,905	122,887	11,463	43,590
Official sector	88,805	17,636	21,139	48,457	640	933
Other	499,332	195,322	95,394	174,343	3,850	30,422
Undistributed	24,760	4,793	3,614	13,093	755	2,504
With non-financial	473,784	159,028	116,104	165,780	5,935	26,938
Local	243,984	96,115	52,189	77,307	2,657	15,716
Cross-border	229,800	62,913	63,915	88,473	3,278	11,222
Of which: prime brokered	1,488,252	918,450	251,431	217,531	395	100,445
Of which: retail-driven	201,653	65,614	13,618	96,824	192	25,405
Total, "net-gross" basis	8,300,586	2,378,712	1,182,332	4,234,248	143,751	361,493
By country						
United Kingdom	3,576,409	1,143,755	541,629	1,645,696	78,001	167,328
United States	1,370,119	475,773	246,079	579,155	6,550	62,562
Singapore	639,869	153,862	98,318	335,724	7,063	44,890
Hong Kong SAR	632,108	111,701	58,619	417,161	21,686	22,934
Japan	375,505	97,614	61,133	195,279	6,049	15,421
Switzerland	275,719	64,203	29,941	161,148	36	20,389
France	167,123	22,866	19,752	117,885	2,513	4,083
China	136,017	43,302	5,466	84,347	344	2,557
Germany	124,448	18,916	6,982	95,725	1,157	1,668
Other countries	1,003,271	246,719	114,412	602,128	20,351	19,661

Turnover of OTC foreign exchange instruments, by country

"Net-gross" basis, April 1986-2019 daily averages, in billions of US dollars

Table D11.2

	1986	1989	1992	1995	1998	2001	2004	2007	2010	2013	2016	2019
Argentina	2	...	1	1	2	1	1	2
Australia	...	30	30	41	48	54	107	176	192	182	121	119
Austria	4	13	12	8	15	19	20	15	19	16
Bahrain	...	3	3	3	3	3	3	3	5	9	6	2
Belgium	...	10	16	29	27	10	21	50	33	22	23	36
Brazil	5	6	4	6	14	17	20	19
Bulgaria	1	1	2	2	2
Canada	10	15	22	31	38	44	59	64	62	65	86	109
Chile	1	2	2	4	6	12	7	8
China	0	...	1	9	20	44	73	136
Chinese Taipei	5	5	9	16	18	26	27	30
Colombia	0	1	2	3	3	4	4
Czech Republic	5	2	2	5	5	5	4	7
Denmark	...	13	28	32	28	24	42	88	120	117	101	63
Estonia	0	1	1	0	...	...
Finland	...	3	7	5	4	2	2	8	31	15	14	7
France	...	26	35	62	77	50	67	127	152	190	181	167
Germany	57	79	100	91	120	101	109	111	116	124
Greece	...	0	1	3	7	5	4	5	5	3	1	1
Hong Kong SAR	...	49	61	91	80	68	106	181	238	275	437	632
Hungary	1	1	3	7	4	4	3	4
India	2	3	7	38	27	31	34	40
Indonesia	2	4	2	3	3	5	5	7
Ireland	...	5	6	5	11	9	7	11	15	11	2	7
Israel	1	5	8	10	8	8	7
Italy	...	10	16	24	29	18	23	38	29	24	18	17
Japan	48	115	126	168	146	153	207	250	312	374	399	376
Korea	4	10	21	35	44	48	48	55
Latvia	2	3	2	2	1	0
Lithuania	1	1	1	1	0	0
Luxembourg	13	19	23	13	15	44	33	51	37	58
Malaysia	1	1	2	3	7	11	8	10
Mexico	9	9	15	15	17	32	20	20
Netherlands	...	13	20	27	43	31	52	25	18	112	85	64
New Zealand	4	7	7	4	7	13	9	12	10	9
Norway	...	4	5	8	9	13	14	32	22	21	40	30
Peru	0	0	1	1	2	1	2
Philippines	1	1	1	2	5	4	3	4
Poland	3	5	7	9	8	8	9	9
Portugal	...	1	1	2	4	2	2	4	4	4	2	2
Romania	3	3	3	3	2
Russia	7	10	30	50	42	61	45	47
Saudi Arabia	2	2	2	4	8	7	8	6
Singapore	...	55	76	107	145	104	134	242	266	383	517	640
Slovakia	1	2	3	0	1	2	1
Slovenia	0	0	0	...	...	...	...
South Africa	3	5	9	10	10	14	14	21	21	20
Spain	...	4	12	18	20	8	14	17	29	43	33	41
Sweden	...	13	21	20	16	25	32	44	45	44	42	37
Switzerland	...	57	68	88	92	76	85	254	249	216	156	276
Thailand	3	2	3	6	7	13	11	14
Turkey	1	3	4	17	27	22	19
United Arab Emirates	46
United Kingdom	90	187	297	479	685	542	835	1,483	1,854	2,726	2,406	3,576
United States	59	129	182	266	383	273	499	745	904	1,263	1,272	1,370
Total	206	744	1,115	1,633	2,099	1,705	2,608	4,281	5,045	6,686	6,514	8,301

Turnover of OTC foreign exchange instruments, by currency

"Net-net" basis, April 1989-2019 daily averages, in billions of US dollars

Table D11.3

	1989		1992		1995		1998		2001		2004		2007		2010		2013		2016		2019	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
USD	485	90	668	82	981	83	1,325	87	1,114	90	1,702	88	2,845	86	3,371	85	4,662	87	4,437	88	5,824	88
EUR	...	...	...	...	...	...	...	...	470	38	724	37	1,231	37	1,551	39	1,790	33	1,590	31	2,129	32
JPY	151	28	190	23	291	25	332	22	292	24	403	21	573	17	754	19	1,235	23	1,096	22	1,108	17
GBP	78	15	112	14	110	9	168	11	162	13	319	16	494	15	512	13	633	12	649	13	844	13
AUD	13	2	20	2	31	3	46	3	54	4	116	6	220	7	301	8	463	9	349	7	447	7
CAD	8	1	27	3	40	3	54	4	56	4	81	4	143	4	210	5	244	5	260	5	332	5
CHF	52	10	69	8	85	7	108	7	74	6	117	6	227	7	250	6	276	5	243	5	327	5
CNY	...	...	...	...	...	...	0	0	0	0	2	0	15	0	34	1	120	2	202	4	285	4
HKD	5	1	8	1	13	1	15	1	28	2	34	2	90	3	94	2	77	1	88	2	233	4
NZD	...	...	2	0	3	0	3	0	7	1	21	1	63	2	63	2	105	2	104	2	137	2
SEK	6	1	9	1	7	1	5	0	31	2	42	2	90	3	87	2	94	2	112	2	134	2
KRW	...	...	...	...	...	...	2	0	10	1	22	1	38	1	60	2	64	1	84	2	132	2
SGD	2	0	2	0	5	0	17	1	13	1	18	1	39	1	56	1	75	1	91	2	119	2
NOK	1	0	2	0	3	0	4	0	18	1	27	1	70	2	52	1	77	1	85	2	119	2
MXN	...	...	...	...	...	...	7	0	10	1	21	1	44	1	50	1	135	3	97	2	114	2
INR	...	...	...	...	...	...	1	0	3	0	6	0	24	1	38	1	53	1	58	1	114	2
RUB	...	...	...	...	...	...	5	0	4	0	12	1	25	1	36	1	86	2	58	1	72	1
ZAR	...	...	2	0	4	0	6	0	12	1	14	1	30	1	29	1	60	1	49	1	72	1
TRY	...	...	...	...	...	...	...	...	0	0	2	0	6	0	29	1	71	1	73	1	71	1
BRL	...	...	...	...	...	...	3	0	6	0	5	0	13	0	27	1	59	1	51	1	71	1
TWD	...	...	...	...	...	...	2	0	3	0	8	0	12	0	19	0	24	0	32	1	60	1
DKK	3	0	4	0	6	1	4	0	15	1	17	1	28	1	23	1	42	1	42	1	42	1
PLN	...	...	...	...	...	...	1	0	6	0	7	0	25	1	32	1	38	1	35	1	41	1
THB	...	...	...	...	...	...	2	0	2	0	4	0	6	0	8	0	17	0	18	0	32	0
IDR	...	...	...	...	...	...	1	0	1	0	2	0	4	0	6	0	9	0	10	0	27	0
HUF	...	...	...	...	...	...	1	0	0	0	4	0	9	0	17	0	23	0	15	0	27	0
CZK	...	...	...	...	...	...	4	0	2	0	3	0	7	0	8	0	19	0	14	0	26	0
ILS	...	...	...	...	...	...	...	...	1	0	2	0	5	0	6	0	10	0	14	0	20	0
CLP	...	...	...	...	...	...	1	0	2	0	2	0	4	0	7	0	16	0	12	0	19	0
PHP	...	...	...	...	...	...	0	0	1	0	1	0	4	0	7	0	8	0	7	0	19	0
AED	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	0
COP	...	...	...	...	...	...	...	...	0	0	1	0	2	0	4	0	6	0	8	0	12	0
SAR	...	...	1	0	...	...	1	0	1	0	1	0	2	0	3	0	5	0	15	0	12	0
MYR	...	...	...	...	...	...	1	0	1	0	1	0	4	0	11	0	21	0	18	0	9	0
RON	...	...	...	...	...	...	...	...	...	...	...	...	2	0	3	0	7	0	5	0	6	0
PEN	...	...	...	...	...	...	...	...	0	0	0	0	1	0	1	0	3	0	4	0	5	0
ARS	...	...	...	...	...	...	2	0	...	...	1	0	1	0	2	0	1	0	1	0	4	0
BHD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
BGN	...	...	...	...	...	...	...	...	...	...	...	...	0	0	1	0	1	0	1	0	2	0
DEM	141	26	323	40	430	36	465	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FRF	9	2	32	4	94	8	76	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
XEU	5	1	24	3	26	2	21	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ITL	4	1	10	1	14	1	16	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NLG	6	1	8	1	8	1	14	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ESP	3	0	6	1	9	1	9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FIM	1	0	4	0	1	0	2	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
BEF	3	0	3	0	7	1	9	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ATS	...	...	1	0	3	0	2	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
PTE	...	...	1	0	1	0	2	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
LUF	...	...	0	0	1	0	1	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	103	19	108	13	189	16	314	21	81	7	127	7	253	8	184	5	83	2	103	2	129	2
Total	539	200	817	200	1,182	200	1,527	200	1,239	200	1,934	200	3,324	200	3,973	200	5,357	200	5,066	200	6,595	200

Turnover of OTC interest rate derivatives

April 2019 daily averages, in millions of US dollars

Table D12.1

	All products	Forward rate agreements	Swaps			Total options	Other products
			Total	Of which: overnight index swaps	Of which: other interest rate swaps		
Total, "net-net" basis	6,505,247	1,902,438	4,146,403	2,045,503	2,100,899	450,606	5,801
By currency							
US dollar	3,274,251	1,263,118	1,871,256	1,102,530	768,726	139,877	...
Euro	1,587,268	387,006	917,054	408,414	508,639	283,208	...
Pound (sterling)	537,800	172,429	358,361	196,569	161,792	7,010	...
Australian dollar	400,772	479	398,173	248,986	149,187	2,120	...
Yen	213,235	2,373	201,335	14,829	186,506	9,526	...
Canadian dollar	90,497	498	89,005	23,241	65,764	994	...
Swedish krona	60,904	28,972	30,775	1,129	29,645	1,158	...
New Zealand dollar	55,968	32	55,713	21,785	33,928	224	...
Renminbi	33,107	143	31,356	361	30,995	1,609	...
Norwegian krone	30,506	8,310	20,669	1,052	19,617	1,526	...
Won	26,860	57	25,663	293	25,371	1,140	...
Swiss franc	26,055	8,503	17,419	4,358	13,061	133	...
Rand	25,180	8,447	16,465	1,801	14,664	268	...
Mexican peso	23,344	20	23,255	1,413	21,842	69	...
Other currencies	119,500	22,053	89,904	18,742	71,162	1,743	...
By counterparty							
With reporting dealers	1,556,553	364,795	909,966	354,033	555,933	281,793	...
Local	738,513	168,685	431,711	170,535	261,175	138,117	...
Cross-border	818,041	196,109	478,255	183,497	294,758	143,676	...
With other financial	4,527,101	1,322,606	3,041,058	1,572,571	1,468,487	163,437	...
Local	2,316,375	725,640	1,531,647	854,744	676,903	59,089	...
Cross-border	2,210,726	596,966	1,509,411	717,827	791,584	104,349	...
With non-financial	415,792	215,038	195,379	118,900	76,479	5,375	...
Local	101,813	52,950	46,202	28,675	17,527	2,661	...
Cross-border	313,979	162,088	149,176	90,224	58,952	2,714	...
Total, "net-gross" basis	7,324,002	2,098,547	4,624,658	2,229,001	2,395,657	594,282	6,516
By country							
United Kingdom	3,670,238	999,705	2,228,032	1,073,939	1,154,092	442,306	196
United States	2,356,103	864,806	1,367,715	789,473	578,242	119,183	4,399
Hong Kong SAR	435,872	58,215	373,982	164,351	209,631	3,006	668
Japan	135,256	759	129,899	11,393	118,505	4,579	19
Canada	122,634	32,787	86,667	16,208	70,459	3,137	43
France	120,023	36,173	79,487	41,742	37,744	4,038	326
Singapore	116,443	18,117	94,066	35,493	58,573	3,896	364
Australia	97,099	11,545	83,698	47,606	36,092	1,857	...
Germany	56,021	30,340	24,824	3,773	21,052	857	...
Switzerland	31,885	3,706	28,168	17,282	10,885	11	...
Netherlands	28,231	16,993	11,131	991	10,140	106	...
Spain	16,238	0	15,625	1,562	14,063	612	...
New Zealand	16,215	592	15,622	9,631	5,991	1	...
China	16,024	...	13,923	78	13,844	1,749	353
Other countries	105,721	24,808	71,820	15,477	56,343	8,945	148

Turnover of OTC interest rate derivatives, by country

"Net-gross" basis, April 1995-2019 daily averages, in billions of US dollars

Table D12.2

	1995	1998	2001	2004	2007	2010	2013	2016	2019
Argentina	...	...	...	...	...	...	0	0	0
Australia	3	3	10	13	23	41	66	56	97
Austria	2	3	4	14	5	5	1	1	1
Bahrain	4	0	0	0	0	0	0	1	0
Belgium	6	5	14	31	22	10	9	17	12
Brazil	...	...	0	1	0	7	4	1	2
Bulgaria	...	...	...	...	0	0	0	0	0
Canada	4	6	10	12	21	42	34	33	123
Chile	...	...	...	0	0	0	0	0	1
China	...	...	...	...	...	2	13	4	16
Chinese Taipei	...	0	0	2	1	2	1	1	1
Colombia	...	...	...	...	0	0	0	0	0
Czech Republic	...	...	0	1	1	0	0	0	2
Denmark	3	4	6	11	10	16	59	10	10
Estonia	...	...	...	...	0	0	0	...	...
Finland	2	2	1	0	3	1	2	2	4
France	19	41	65	151	176	193	146	141	120
Germany	11	29	94	43	90	48	101	31	56
Greece	0	0	0	0	0	0	0	0	0
Hong Kong SAR	4	2	3	11	17	18	28	110	436
Hungary	...	0	0	0	1	0	0	0	0
India	...	...	0	1	3	3	3	2	5
Indonesia	...	...	0	0	0	0	0	0	0
Ireland	1	2	6	12	7	7	3	1	7
Israel	...	...	...	...	...	...	0	0	1
Italy	2	4	24	38	30	27	24	14	11
Japan	26	32	16	31	76	90	67	56	135
Korea	...	0	0	1	5	11	8	7	9
Latvia	...	...	...	...	...	...	...	...	0
Lithuania	...	...	...	0	0	0	...	0	0
Luxembourg	2	2	4	7	3	2	0	0	0
Malaysia	...	0	0	0	0	0	0	0	0
Mexico	...	0	0	1	3	1	2	1	2
Netherlands	4	4	24	19	27	61	29	22	28
New Zealand	0	0	0	1	3	2	3	5	16
Norway	1	3	3	5	7	12	6	4	6
Peru	...	...	...	...	0	0	0	...	0
Philippines	...	...	...	0	0	1	0	0	0
Poland	...	...	0	1	3	2	3	1	2
Portugal	0	1	0	1	1	1	1	0	0
Romania	...	...	...	...	0	0	0	0	0
Russia	...	...	...	...	...	...	0	0	1
Saudi Arabia	...	0	0	0	0	0	0	1	0
Singapore	16	5	3	9	57	35	37	58	116
Slovakia	...	...	0	...	...	0	0	0	0
Slovenia	...	...	...	...	0	...	...	...	...
South Africa	0	1	1	3	4	6	11	9	14
Spain	3	3	20	12	17	31	14	6	16
Sweden	2	4	3	7	12	18	17	14	9
Switzerland	2	6	10	12	61	75	33	8	32
Thailand	...	...	0	0	0	1	1	0	1
Turkey	...	...	...	0	0	0	0	0	0
United Arab Emirates	...	...	...	...	...	...	...	...	3
United Kingdom	59	123	238	563	957	1,235	1,348	1,180	3,670
United States	32	58	116	317	525	642	628	1,241	2,356
Total	209	344	676	1,330	2,173	2,649	2,702	3,039	7,324

Turnover of OTC interest rate derivatives, by currency

"Net net" basis, April 1995-2019 daily averages, in billions of US dollars

Table D12.3

	1995		1998		2001		2004		2007		2010		2013		2016		2019	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
USD	41	27	71	27	152	31	347	34	532	32	654	32	639	28	1,357	51	3,274	50
EUR	232	47	461	45	656	39	834	41	1,133	49	641	24	1,587	24
GBP	17	6	37	8	90	9	172	10	213	10	187	8	237	9	538	8
AUD	3	1	8	2	12	1	19	1	37	2	76	3	108	4	401	6
JPY	35	23	27	10	27	6	46	5	137	8	124	6	69	3	83	3	213	3
CAD	7	3	6	1	8	1	15	1	48	2	30	1	39	1	90	1
SEK	2	1	5	1	13	1	33	2	20	1	36	2	19	1	61	1
NZD	0	0	0	0	2	0	7	0	4	0	5	0	26	1	56	1
CNY	0	0	2	0	14	1	10	0	33	1
NOK	2	1	3	1	8	1	8	0	15	1	9	0	15	1	31	0
KRW	0	0	0	0	5	0	16	1	12	1	13	0	27	0
CHF	9	4	6	1	10	1	19	1	20	1	14	1	14	1	26	0
ZAR	1	0	0	0	2	0	3	0	5	0	16	1	16	1	25	0
MXN	0	0	0	0	2	0	5	0	5	0	10	0	26	1	23	0
HKD	1	0	1	0	4	0	9	1	3	0	2	0	5	0	18	0
INR	0	0	0	0	3	0	2	0	6	0	6	0	17	0
SGD	0	0	0	0	3	0	4	0	4	0	4	0	12	0	15	0
CZK	0	0	0	0	1	0	0	0	1	0	1	0	12	0
PLN	0	0	1	0	2	0	1	0	7	0	5	0	8	0
BRL	0	0	1	0	2	0	3	0	16	1	7	0	8	0
HUF	0	0	0	0	1	0	0	0	2	0	8	0	8	0
THB	0	0	0	0	0	0	1	0	3	0	2	0	6	0
TWD	0	0	0	0	0	0	1	0	1	0	1	0	2	0	4	0
DKK	2	1	5	1	2	0	1	0	2	0	4	0	2	0	3	0
MYR	0	0	0	0	0	0	0	0	0	0	2	0	3	0	2	0
ILS	0	0	0	0	2	0	1	0	2	0
CLP	0	0	0	0	1	0	4	0	1	0
RUB	0	0	0	0	0	0	0	0	1	0
SAR	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
COP	0	0	0	0	0	0	1	0	1	0
AED	1	0
TRY	0	0	0	0	0	0	0	0	1	0
BHD	0	0	...	...	0	0	0	0	0	0
IDR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHP	0	0	0	0	1	0	0	0	0	0	0	0
ARS	0	0	0	0	0	0
RON	0	0	0	0	0	0	0	0
PEN	0	0	0	0	0	0	0	0	0	0
BGN	0	0	0	0	0	0
DEM	18	12	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	...	...	...	...	...	...	...	...	...	...	...	...	...	...
PTE	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other currencies	58	38	28	10	4	1	12	1	50	3	36	2	8	0	14	1	11	0
Total	151	100	265	100	489	100	1,025	100	1,686	100	2,054	100	2,311	100	2,677	100	6,505	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			Annual change (%)		
	Q4 18	Q1 19	Q2 19	Q4 18	Q1 19	Q2 19
International claims on all sectors	39.5	40.6	41.2	1.1	3.1	5.0
On the bank sector	19.6	19.8	20.0	-1.5	1.2	1.2
On the non-bank sector	19.2	20.0	20.4	4.1	7.3	8.6
Total claims on private non-financial sector	103.9	105.5	105.4	5.8	6.4	6.7
Local claims	90.8	91.9	91.8	6.2	6.4	6.3
Cross-border claims	13.1	13.6	13.6	2.6	5.0	7.5
Claims on advanced economies						
On euro area	105.9	107.2	107.4	2.5	2.9	3.4
Local claims	85.1	85.1	85.3	2.0	1.9	2.4
Cross-border claims	20.8	22.1	22.0	3.0	6.1	5.8
On the United States	65.6	65.7	65.7	4.2	4.6	5.5
Local claims	51.2	50.7	51.0	4.6	4.7	4.8
Cross-border claims	14.4	15.0	14.7	3.0	4.5	8.3
On other advanced economies	133.0	134.4	134.8	3.2	4.5	3.8
Local claims	114.4	114.6	114.7	3.3	3.8	3.1
Cross-border claims	18.6	19.8	20.1	3.4	5.6	2.5
Claims on emerging market economies						
On emerging Asia	142.1	145.3	145.5	11.2	11.4	11.3
Local claims	136.7	139.8	139.9	11.7	11.8	11.5
Cross-border claims	5.5	5.5	5.6	2.4	5.8	11.4
On central Europe	56.9	56.9	56.7	5.7	5.7	5.6
Local claims	49.2	49.0	48.9	7.3	7.3	6.1
Cross-border claims	7.7	7.9	7.8	-1.7	-0.8	2.9
On Latin America	52.0	51.9	52.0	8.1	7.6	9.4
Local claims	44.5	44.2	44.4	10.9	10.0	10.0
Cross-border claims	7.5	7.6	7.6	-0.5	0.5	7.6
On other emerging market economies	60.8	61.2	60.8	4.3	6.6	6.3
Local claims	53.4	53.7	53.6	4.8	6.6	6.1
Cross-border claims	7.4	7.5	7.2	0.9	4.3	5.3

For definitions and sources, see www.bis.org/statistics/gli.htm.

Total credit to non-bank borrowers by currency of denomination: US dollar

Bank loans and debt securities issues, by residence of non-bank borrower

Table E2.1

	Amount outstanding (USD bn)			Annual change (%)		
	Q4 18	Q1 19	Q2 19	Q4 18	Q1 19	Q2 19
Borrowers outside the United States	11,533	11,813	11,929	2.8	3.5	3.9
Of which: emerging market economies	3,657	3,707	3,742	2.1	1.2	1.7
Africa and Middle East	849	892	912	12.4	14.1	11.2
Saudi Arabia	134	144	164	22.7	28.8	31.3
South Africa	43	44	42	17.3	19.0	4.6
Emerging Asia and Pacific	1,389	1,394	1,397	0.5	-1.1	-1.2
China	493	501	503	-6.5	-8.3	-5.7
Chinese Taipei	60	56	55	-3.0	-10.4	-8.3
India	103	108	112	-0.1	4.9	11.2
Indonesia	180	177	176	9.4	7.1	3.8
Korea	124	120	125	6.9	1.3	1.5
Malaysia	41	41	42	6.6	-0.1	2.5
Emerging Europe	420	420	409	-12.3	-11.1	-9.3
Russia	152	148	146	-16.6	-17.5	-14.2
Turkey	181	186	181	-0.6	4.1	2.7
Latin America	999	1,001	1,024	3.4	0.1	3.1
Argentina	127	128	124	8.7	-1.9	-4.4
Brazil	177	174	180	-2.8	-6.1	-1.4
Chile	104	106	111	7.2	6.4	8.2
Mexico	272	277	290	6.3	4.6	9.4
By instrument						
Borrowers outside the United States	11,533	11,813	11,929	2.8	3.5	3.9
Bank loans	5,544	5,745	5,798	1.7	3.6	4.8
Debt securities issues	5,988	6,068	6,130	3.9	3.5	3.0
Of which: non-financial borrowers	3,083	3,111	3,142	2.9	2.4	1.9
Of which: emerging market economies	3,657	3,707	3,742	2.1	1.2	1.7
Bank loans	1,999	2,009	2,027	-2.5	-3.6	-1.2
Debt securities issues	1,658	1,698	1,715	8.2	7.5	5.5
Of which: non-financial borrowers	1,420	1,458	1,477	7.3	7.3	5.6
Memo: Borrowers in the United States						
Non-financial borrowers	51,166	51,890	52,276	5.2	5.0	4.1
Of which: government	20,932	21,361	21,437	6.1	5.3	4.4

For definitions and sources, see www.bis.org/statistics/gli.htm.

Total credit to non-bank borrowers by currency of denomination: euro

Bank loans and debt securities issues, by residence of non-bank borrower

Table E2.2

	Amount outstanding (EUR bn)			Annual change (%)		
	Q4 18	Q1 19	Q2 19	Q4 18	Q1 19	Q2 19
Borrowers outside the euro area	3,222	3,283	3,383	7.8	7.3	8.9
Of which: emerging market economies	694	710	729	9.7	9.5	10.5
Africa and Middle East	110	115	121	21.9	26.2	25.4
Saudi Arabia	1	2	2	-47.6	4.3	29.9
South Africa	6	6	5	-14.3	-5.9	-12.8
Emerging Asia and Pacific	129	137	139	14.9	22.2	22.1
China	28	31	31	3.0	15.1	20.3
Chinese Taipei	1	1	2	8.2	-5.6	31.7
India	9	10	11	16.6	14.2	23.8
Indonesia	20	20	21	26.2	21.4	17.7
Korea	8	10	10	10.9	39.8	32.7
Malaysia	1	1	1	57.0	16.3	24.6
Emerging Europe	357	359	364	5.5	2.7	3.6
Russia	50	53	55	4.7	4.9	8.7
Turkey	110	119	115	2.0	5.9	3.6
Latin America	98	99	105	6.8	3.4	7.2
Argentina	22	22	22	0.5	0.8	0.8
Brazil	12	13	15	10.3	12.4	35.1
Chile	6	6	6	16.7	1.4	1.4
Mexico	47	46	50	6.1	1.0	4.0
By instrument						
Borrowers outside the euro area	3,222	3,283	3,383	7.8	7.3	8.9
Bank loans	1,449	1,490	1,556	10.7	8.8	11.1
Debt securities issues	1,773	1,794	1,828	5.7	6.1	7.1
Of which: non-financial borrowers	1,160	1,177	1,195	7.4	7.4	7.7
Of which: emerging market economies	694	710	729	9.7	9.5	10.5
Bank loans	460	475	477	11.1	12.5	10.7
Debt securities issues	234	235	251	7.1	3.7	10.2
Of which: non-financial borrowers	220	222	238	7.7	4.5	11.3
Memo: Borrowers in the euro area						
Non-financial borrowers	28,764	29,133	29,640	2.0	2.3	3.3
Of which: government	11,313	11,567	11,821	0.0	1.3	4.1

For definitions and sources, see www.bis.org/statistics/gli.htm.

Total credit to non-bank borrowers by currency of denomination: Japanese yen

Bank loans and debt securities issues, by residence of non-bank borrower

Table E2.3

	Amount outstanding (JPY bn)			Annual change (%)		
	Q4 18	Q1 19	Q2 19	Q4 18	Q1 19	Q2 19
Borrowers outside Japan	49,207	50,522	49,448	10.4	12.8	7.9
Of which: emerging market economies	8,202	9,342	9,492	8.7	23.4	14.4
Africa and Middle East	622	701	792	-3.7	2.0	18.7
Saudi Arabia	7	9	10	-65.2	-5.5	18.9
South Africa	33	33	33	-2.1	0.6	-4.6
Emerging Asia and Pacific	5,531	6,582	6,651	11.0	32.8	20.6
China	851	958	920	22.3	27.2	7.2
Chinese Taipei	285	295	306	-4.1	-7.1	-10.4
India	430	519	462	2.7	42.5	3.7
Indonesia	1,045	1,125	1,262	13.1	27.5	20.4
Korea	790	954	940	10.9	48.0	26.3
Malaysia	123	353	336	32.6	216.0	139.9
Emerging Europe	1,044	1,050	1,042	0.6	-1.1	-5.3
Russia	2	2	2	5.1	6.4	-22.2
Turkey	664	668	662	1.5	2.1	-0.4
Latin America	1,006	1,008	1,008	14.9	16.8	-0.4
Argentina	19	20	21	-0.3	6.8	13.7
Brazil	40	51	74	9.0	53.6	97.3
Chile	4	9	9	282.0	896.3	952.7
Mexico	789	783	746	17.5	19.7	-7.0
By instrument						
Borrowers outside Japan	49,207	50,522	49,448	10.4	12.8	7.9
Bank loans	28,034	28,837	27,695	16.0	17.5	9.9
Debt securities issues	21,173	21,685	21,753	3.8	7.1	5.5
Of which: non-financial borrowers	7,530	7,850	7,991	6.4	7.9	5.2
Of which: emerging market economies	8,202	9,342	9,492	8.7	23.4	14.4
Bank loans	5,019	5,859	5,939	6.3	25.9	15.5
Debt securities issues	3,183	3,483	3,552	12.8	19.5	12.6
Of which: non-financial borrowers	3,091	3,391	3,460	12.2	19.3	12.3
Memo: Borrowers in Japan						
Non-financial borrowers	2,049,031	2,075,546	2,091,530	1.5	2.7	2.9
Of which: government	1,237,812	1,255,592	1,268,318	1.0	2.2	2.9

For definitions and sources, see www.bis.org/statistics/gli.htm.

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 credit and

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.

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	64.6	74.2	73.7	79.7	111.8	103.2	124.7	111.8	113.7	103.6
Australia	224.9	238.0	240.7	236.2	235.8	236.2	236.3	235.8	235.8	236.3
Austria	238.7	237.4	237.8	229.9	224.3	227.2	225.5	224.3	224.7	226.0
Belgium	335.6	335.2	356.7	340.1	330.1	342.8	339.9	330.1	336.2	338.7
Brazil	133.0	148.6	148.3	151.2	157.3	153.3	154.1	157.3	156.8	157.6
Canada	274.5	294.9	301.1	299.0	302.2	300.4	298.7	302.2	304.3	305.7
Chile	152.4	165.0	165.9	162.1	171.9	163.2	166.6	171.9	172.7	178.1
China	228.1	239.5	250.0	253.8	254.6	255.7	255.3	254.6	260.2	261.5
Colombia	98.7	110.0	112.1	112.4	113.6	112.3	112.2	113.6	113.8	113.2
Czech Republic	141.6	134.4	130.9	125.0	122.8	125.5	125.0	122.8	124.6	123.8
Denmark	291.4	283.6	280.2	269.2	265.5	268.5	268.3	265.5	265.1	265.3
Finland	250.1	259.5	250.0	251.8	243.7	249.4	246.9	243.7	246.7	246.9
France	295.1	300.8	312.3	315.9	322.3	320.8	322.1	322.3	326.9	329.3
Germany	190.2	186.5	183.8	180.1	177.9	177.9	178.3	177.9	179.0	180.7
Greece	303.2	299.2	300.1	297.3	300.2	295.5	300.6	300.2	296.5	295.0
Hong Kong SAR	338.0	344.9	351.9	373.4	357.9	369.6	360.6	357.9	358.1	361.0
Hungary	188.6	178.2	172.9	163.1	157.0	163.0	160.0	157.0	156.4	155.9
India	126.1	128.5	124.1	122.6	123.2	122.7	123.4	123.2	125.0	123.9
Indonesia	64.2	68.2	68.9	68.8	70.1	69.4	70.7	70.1	70.0	69.6
Ireland	418.1	408.4	383.3	328.1	301.4	311.0	306.0	301.4	307.0	302.5
Israel	184.0	180.8	178.9	177.4	176.5	178.2	178.0	176.5	177.6	178.1
Italy	272.8	270.3	264.0	258.2	252.3	254.4	251.0	252.3	253.4	257.8
Japan	367.8	361.2	370.5	370.4	374.7	370.2	369.7	374.7	377.7	379.6
Korea	216.0	218.9	219.5	217.9	224.2	221.4	223.2	224.2	228.0	231.7
Luxembourg	421.1	428.1	408.6	444.3	440.0	444.7	440.3	440.0	431.8	421.1
Malaysia	185.5	190.0	188.6	182.7	187.7	188.2	187.5	187.7	189.5	189.9
Mexico	69.2	74.7	79.9	77.8	77.1	78.2	76.9	77.1	77.3	77.5
Netherlands	364.9	358.5	356.7	339.3	328.1	334.0	330.9	328.1	325.9	325.4
New Zealand	208.2	208.7	209.4	205.1	208.5	206.1	206.4	208.5	205.1	205.1
Norway	259.4	284.1	295.5	284.2	272.4	276.4	269.6	272.4	268.9	269.7
Poland	136.2	137.8	142.8	134.1	131.7	134.6	132.8	131.7	131.1	129.2
Portugal	349.3	337.0	321.5	312.2	299.7	306.1	304.4	299.7	301.9	301.1
Russia	87.8	90.5	83.0	79.2	77.3	78.4	78.3	77.3	77.7	78.4
Saudi Arabia	50.3	68.2	78.7	77.9	73.7	76.0	74.9	73.7	75.4	76.9
Singapore	262.6	267.5	273.1	276.5	280.9	273.6	278.3	280.9	283.8	288.1

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

Table F1.1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	118.8	124.9	125.0	126.1	131.0	128.2	130.5	131.0	133.4	134.3
Spain	303.8	289.1	281.0	270.6	262.9	268.9	266.7	262.9	267.2	268.3
Sweden	281.9	284.1	281.4	283.4	286.5	288.5	288.8	286.5	288.5	288.6
Switzerland	259.3	262.5	270.0	279.3	280.7	281.6	281.0	280.7	281.9	283.6
Thailand	149.7	154.1	150.1	149.3	150.9	149.1	149.9	150.9	150.4	149.8
Turkey	105.6	108.0	113.6	114.4	113.3	116.7	126.9	113.3	115.0	114.0
United Kingdom	266.3	262.9	277.8	278.4	272.5	273.6	270.6	272.5	272.6	274.5
United States	248.6	247.1	250.2	250.0	249.2	248.7	247.2	249.2	249.3	249.7
<i>Memo:</i>										
<i>Euro area</i>	271.9	271.8	270.8	264.8	260.6	263.5	262.6	260.6	262.3	264.4
<i>Aggregates based on conversion to US dollars at market exchange rates¹</i>										
<i>G20</i>	221.4	232.1	235.0	245.8	235.3	235.7	232.8	235.3	240.5	244.0
<i>All reporting economies</i>	219.5	230.6	233.6	244.4	233.5	234.0	231.4	233.5	238.7	242.3
<i>Advanced economies</i>	255.6	266.4	265.0	277.5	265.5	266.5	264.3	265.5	267.6	272.3
<i>Emerging market economies</i>	158.6	170.8	180.0	191.3	182.8	182.7	179.3	182.8	192.6	194.3
<i>Aggregates based on conversion to US dollars at PPP exchange rates¹</i>										
<i>G20</i>	212.7	216.5	220.0	219.6	219.4	220.0	219.6	219.4	221.0	222.1
<i>All reporting economies</i>	211.3	215.1	218.4	217.9	217.7	218.3	217.9	217.7	219.2	220.2
<i>Advanced economies</i>	271.9	271.4	274.6	272.4	270.7	272.3	270.4	270.7	271.9	273.0
<i>Emerging market economies</i>	159.1	167.4	172.2	174.4	176.8	175.9	177.1	176.8	178.7	179.8

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

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

Table F1.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	349	341	380	448	433	416	433	419	430
Australia	2,973	2,855	2,963	3,338	3,159	3,191	3,159	3,218	3,223
Austria	966	890	896	1,023	991	998	991	983	1,010
Belgium	1,630	1,500	1,597	1,792	1,703	1,760	1,703	1,714	1,760
Brazil	2,898	2,250	2,855	2,991	2,767	2,588	2,767	2,770	2,881
Canada	4,728	4,228	4,537	5,105	4,921	5,068	4,921	5,090	5,265
Chile	373	372	421	475	472	476	472	490	511
China	23,594	25,306	26,597	31,965	33,279	32,638	33,279	35,520	35,558
Colombia	315	281	323	347	342	362	342	355	359
Czech Republic	267	249	243	297	292	296	292	294	305
Denmark	941	842	834	944	905	919	905	895	916
Finland	624	593	569	676	648	658	648	648	663
France	7,706	7,199	7,351	8,701	8,687	8,727	8,687	8,705	8,948
Germany	6,770	6,146	6,062	7,018	6,821	6,869	6,821	6,783	6,979
Greece	657	577	558	641	632	637	632	616	624
Hong Kong SAR	984	1,067	1,130	1,273	1,300	1,295	1,300	1,309	1,337
Hungary	237	213	211	244	239	237	239	238	245
India	2,438	2,603	2,731	3,191	3,289	3,081	3,289	3,433	3,479
Indonesia	547	568	635	690	721	689	721	743	758
Ireland	988	1,167	1,096	1,168	1,118	1,137	1,118	1,133	1,153
Israel	524	540	570	650	626	642	626	662	683
Italy	5,393	4,868	4,720	5,383	5,100	5,123	5,100	5,033	5,195
Japan	15,799	15,939	16,965	17,936	18,715	17,907	18,715	18,770	19,458
Korea	3,093	3,085	3,173	3,750	3,803	3,778	3,803	3,810	3,819
Luxembourg	255	243	236	303	302	303	302	295	297
Malaysia	586	518	525	619	657	648	657	679	679
Mexico	821	798	777	864	924	945	924	952	971
Netherlands	2,975	2,694	2,663	3,007	2,909	2,932	2,909	2,867	2,934
New Zealand	391	358	387	413	411	399	411	414	413
Norway	1,094	1,003	1,059	1,141	1,110	1,147	1,110	1,119	1,135
Poland	666	633	635	765	741	748	741	736	757
Portugal	734	659	632	734	700	712	700	698	711
Russia	1,162	1,013	1,169	1,260	1,151	1,192	1,151	1,268	1,337
Saudi Arabia	380	445	507	536	579	571	579	597	609
Singapore	792	800	830	967	1,013	992	1,013	1,036	1,054

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

Table F1.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	390	324	396	476	442	443	442	452	470
Spain	3,807	3,392	3,299	3,771	3,619	3,680	3,619	3,640	3,737
Sweden	1,453	1,429	1,368	1,595	1,547	1,550	1,547	1,524	1,535
Switzerland	1,702	1,726	1,753	1,916	1,968	1,972	1,968	1,962	2,018
Thailand	602	587	610	707	761	747	761	781	812
Turkey	924	863	841	936	796	758	796	786	790
United Kingdom	7,729	7,475	6,824	7,796	7,431	7,474	7,431	7,661	7,541
United States	43,571	45,038	46,825	48,800	51,285	50,272	51,285	51,891	52,501
<i>Memo:</i>									
<i>Euro area</i>	33,584	31,129	30,850	35,593	34,510	34,921	34,510	34,331	35,295
<i>G20</i>	144,979	144,261	149,027	165,675	168,206	165,933	168,206	171,712	174,385
<i>All reporting economies</i>	155,908	154,879	159,928	178,028	180,589	178,362	180,589	184,205	187,143
<i>Advanced economies</i>	113,965	112,021	114,367	124,578	125,963	124,820	125,963	126,875	129,299
<i>Emerging market economies</i>	41,942	42,857	45,561	53,450	54,626	53,542	54,626	57,330	57,844

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	17.2	18.7	18.1	20.7	22.4	23.4	26.0	22.4	22.0	19.7
Australia	190.4	201.1	201.7	196.3	196.0	196.4	196.7	196.0	195.4	194.9
Austria	141.9	141.7	142.1	141.1	140.5	140.4	140.4	140.5	140.9	141.7
Belgium	208.4	211.4	232.0	221.9	213.7	223.2	221.9	213.7	214.6	215.1
Brazil	71.4	76.9	70.8	68.1	70.3	66.5	67.7	70.3	69.7	70.6
Canada	191.4	207.6	212.8	214.2	218.5	216.4	216.2	218.5	218.8	219.5
Chile	134.6	145.3	142.6	137.2	144.4	138.1	140.3	144.4	144.7	147.6
China	187.9	197.6	205.4	207.3	204.8	207.5	206.3	204.8	209.0	209.1
Colombia	60.5	65.6	64.3	62.4	62.7	62.1	61.8	62.7	62.2	62.5
Czech Republic	93.4	89.3	89.7	88.0	88.9	88.8	90.0	88.9	89.1	88.9
Denmark	240.0	237.9	236.2	228.0	225.7	227.2	227.3	225.7	225.0	223.5
Finland	183.8	190.7	181.2	186.7	180.5	185.5	184.2	180.5	182.4	181.0
France	186.9	192.6	200.0	205.4	212.4	209.4	211.0	212.4	213.7	214.7
Germany	107.2	107.5	107.6	109.1	110.7	109.7	110.6	110.7	111.6	113.0
Greece	131.0	128.2	125.2	118.4	115.7	116.2	115.6	115.7	111.1	109.4
Hong Kong SAR	271.0	271.1	279.2	302.7	291.5	303.2	294.3	291.5	295.1	298.4
Hungary	105.1	95.2	90.4	84.7	83.7	86.8	85.1	83.7	82.9	83.6
India	59.7	60.2	56.1	54.8	56.1	55.3	56.1	56.1	57.7	56.0
Indonesia	39.6	40.7	40.5	39.4	40.4	39.8	40.3	40.4	39.8	39.9
Ireland	301.0	323.4	301.8	254.6	233.7	237.8	234.1	233.7	237.3	234.6
Israel	111.8	110.2	111.0	110.6	111.2	112.1	111.7	111.2	111.6	111.7
Italy	122.2	118.1	114.5	111.7	110.6	111.1	110.8	110.6	109.7	110.1
Japan	157.4	153.2	156.0	156.4	159.4	156.3	157.7	159.4	160.0	160.3
Korea	179.6	180.9	181.8	182.1	187.6	184.4	186.4	187.6	189.3	192.1
Luxembourg	396.5	404.3	386.7	420.6	417.8	421.8	418.0	417.8	409.8	399.4
Malaysia	132.8	136.4	136.6	132.6	136.5	136.8	136.3	136.5	136.4	135.9
Mexico	36.5	39.7	42.8	42.6	41.8	42.5	41.5	41.8	41.9	42.2
Netherlands	288.2	286.0	286.0	275.4	268.9	273.2	271.8	268.9	267.9	266.5
New Zealand	173.9	176.0	177.8	176.1	177.8	176.3	176.6	177.8	177.3	177.8
Norway	229.5	249.6	257.2	245.6	232.6	239.1	234.0	232.6	232.2	234.0
Poland	81.7	83.4	86.3	81.4	80.8	82.2	81.8	80.8	80.2	79.0
Portugal	208.2	196.7	184.8	176.2	167.9	171.1	169.8	167.9	166.7	165.9
Russia	71.7	74.1	66.9	63.7	62.7	63.3	63.7	62.7	63.3	63.6
Saudi Arabia	48.7	62.4	65.6	60.7	54.7	57.9	56.3	54.7	55.6	56.0
Singapore	165.5	167.9	167.6	169.1	169.6	163.6	168.4	169.6	170.2	172.8

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

Table F2.1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	69.7	73.3	71.5	71.2	72.2	71.7	72.7	72.2	74.8	74.0
Spain	190.6	177.9	169.0	160.4	154.5	158.5	157.0	154.5	155.5	153.2
Sweden	233.4	237.5	235.9	240.2	245.8	247.8	248.6	245.8	250.0	250.8
Switzerland	225.8	229.2	237.7	246.5	248.9	249.4	249.1	248.9	250.4	252.3
Thailand	119.8	121.9	119.4	116.8	116.9	116.2	116.1	116.9	116.6	116.2
Turkey	74.9	79.9	85.2	85.5	84.0	88.3	95.5	84.0	84.5	82.8
United Kingdom	162.9	160.6	165.4	167.8	164.4	164.9	164.2	164.4	162.8	163.1
United States	148.1	147.9	149.9	151.3	150.2	151.1	150.4	150.2	149.8	150.0
<i>Memo:</i>										
<i>Euro area</i>	165.8	168.2	167.7	165.8	164.8	166.0	166.1	164.8	164.9	165.5
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	139.8	147.5	148.6	157.1	150.0	150.9	149.3	150.0	153.3	154.8
<i>All reporting economies</i>	140.8	148.8	150.0	158.6	151.2	152.1	150.7	151.2	154.4	156.1
<i>Advanced economies</i>	153.6	160.6	159.2	168.6	161.3	162.3	161.7	161.3	161.9	164.3
<i>Emerging market economies</i>	119.2	129.1	134.4	142.5	135.1	136.0	133.2	135.1	142.6	143.0
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	136.8	140.4	142.6	143.1	142.8	143.5	143.5	142.8	143.8	144.1
<i>All reporting economies</i>	137.5	141.1	143.2	143.5	143.2	143.9	143.9	143.2	144.1	144.4
<i>Advanced economies</i>	161.4	162.5	164.2	164.3	163.7	164.8	164.3	163.7	163.7	164.0
<i>Emerging market economies</i>	117.0	122.9	125.9	126.9	127.3	127.6	128.0	127.3	129.1	129.5

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	93	86	93	116	87	87	87	81	82
Australia	2,518	2,412	2,483	2,774	2,627	2,657	2,627	2,666	2,659
Austria	574	531	536	628	621	621	621	616	633
Belgium	1,012	946	1,038	1,169	1,102	1,148	1,102	1,094	1,118
Brazil	1,555	1,164	1,364	1,346	1,237	1,138	1,237	1,232	1,292
Canada	3,297	2,976	3,206	3,657	3,557	3,668	3,557	3,660	3,781
Chile	329	328	362	402	397	401	397	410	424
China	19,432	20,880	21,854	26,103	26,767	26,371	26,767	28,538	28,437
Colombia	193	168	185	193	189	199	189	194	198
Czech Republic	176	165	167	209	211	213	211	210	219
Denmark	775	707	703	800	769	778	769	760	772
Finland	458	436	413	501	480	491	480	480	486
France	4,880	4,609	4,707	5,657	5,726	5,716	5,726	5,689	5,835
Germany	3,816	3,544	3,548	4,252	4,244	4,262	4,244	4,226	4,362
Greece	284	247	233	255	244	245	244	231	231
Hong Kong SAR	789	839	897	1,032	1,059	1,057	1,059	1,078	1,105
Hungary	132	114	110	127	127	126	127	126	131
India	1,155	1,219	1,236	1,426	1,496	1,402	1,496	1,585	1,572
Indonesia	337	339	373	395	416	393	416	422	435
Ireland	711	924	863	906	867	869	867	876	894
Israel	318	329	354	405	394	403	394	416	428
Italy	2,416	2,127	2,048	2,329	2,234	2,261	2,234	2,180	2,219
Japan	6,759	6,760	7,142	7,573	7,963	7,640	7,963	7,949	8,214
Korea	2,573	2,549	2,628	3,132	3,182	3,156	3,182	3,163	3,167
Luxembourg	240	229	224	286	287	288	287	280	281
Malaysia	420	372	380	449	478	471	478	489	486
Mexico	434	425	417	473	500	511	500	517	528
Netherlands	2,350	2,149	2,135	2,440	2,384	2,408	2,384	2,357	2,402
New Zealand	327	302	329	354	351	341	351	358	358
Norway	968	881	922	986	948	996	948	966	984
Poland	399	383	383	464	455	460	455	450	463
Portugal	438	385	363	414	392	397	392	385	392
Russia	949	829	942	1,014	933	970	933	1,033	1,084
Saudi Arabia	368	407	422	418	430	430	430	440	444
Singapore	499	502	509	591	612	600	612	621	632

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

Table F2.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	229	190	227	269	244	247	244	253	259
Spain	2,388	2,087	1,984	2,236	2,127	2,166	2,127	2,118	2,134
Sweden	1,203	1,195	1,147	1,352	1,328	1,334	1,328	1,321	1,334
Switzerland	1,482	1,506	1,543	1,692	1,745	1,748	1,745	1,743	1,795
Thailand	482	465	485	553	589	578	589	606	630
Turkey	656	638	630	700	590	570	590	577	574
United Kingdom	4,729	4,566	4,063	4,697	4,482	4,535	4,482	4,576	4,481
United States	25,950	26,959	28,052	29,536	30,910	30,582	30,910	31,182	31,530
<i>Memo:</i>									
<i>Euro area</i>	<i>20,482</i>	<i>19,262</i>	<i>19,111</i>	<i>22,280</i>	<i>21,824</i>	<i>22,090</i>	<i>21,824</i>	<i>21,582</i>	<i>22,099</i>
<i>G20</i>	<i>91,514</i>	<i>91,662</i>	<i>94,243</i>	<i>105,910</i>	<i>107,246</i>	<i>106,445</i>	<i>107,246</i>	<i>109,456</i>	<i>110,637</i>
<i>All reporting economies</i>	<i>100,007</i>	<i>99,917</i>	<i>102,721</i>	<i>115,520</i>	<i>116,896</i>	<i>116,151</i>	<i>116,896</i>	<i>119,204</i>	<i>120,596</i>
<i>Advanced economies</i>	<i>68,490</i>	<i>67,526</i>	<i>68,701</i>	<i>75,702</i>	<i>76,503</i>	<i>76,368</i>	<i>76,503</i>	<i>76,763</i>	<i>78,007</i>
<i>Emerging market economies</i>	<i>31,518</i>	<i>32,391</i>	<i>34,020</i>	<i>39,818</i>	<i>40,393</i>	<i>39,782</i>	<i>40,393</i>	<i>42,441</i>	<i>42,589</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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	13.6	14.2	13.5	15.7	15.1	16.8	17.3	15.1	14.4	13.0
Australia	131.9	139.7	143.4	140.8	139.7	140.7	140.3	139.7	138.8	137.5
Austria	85.1	83.9	81.9	81.9	82.7	81.8	82.4	82.7	83.0	83.5
Belgium	58.9	62.0	64.0	65.1	68.3	68.3	68.5	68.3	68.0	69.5
Brazil	66.0	66.8	62.2	59.8	61.8	58.4	59.5	61.8	61.2	62.1
Canada	104.7	109.3	113.7	111.6	114.0	112.4	112.9	114.0	114.8	116.2
Chile	79.2	81.8	81.1	80.0	83.1	81.0	81.8	83.1	83.3	84.2
China	140.6	153.4	157.8	157.3	161.4	159.7	161.8	161.4	165.3	165.9
Colombia	43.0	46.6	46.7	46.6	46.5	46.2	45.8	46.5	46.1	46.3
Czech Republic	49.6	49.7	51.2	51.3	51.9	51.8	52.4	51.9	51.6	51.5
Denmark	175.6	169.9	168.7	165.5	165.6	167.2	166.4	165.6	166.4	165.9
Finland	92.6	93.9	94.2	93.8	94.1	94.4	94.3	94.1	94.2	94.4
France	91.0	92.4	94.4	96.9	99.9	98.3	98.9	99.9	101.0	101.3
Germany	77.7	77.0	76.5	76.5	77.4	76.8	77.3	77.4	77.9	78.7
Greece	115.2	111.1	106.4	98.4	88.9	94.5	92.9	88.9	84.1	83.1
Hong Kong SAR	223.9	219.0	226.4	244.5	238.3	248.3	241.2	238.3	241.3	245.0
Hungary	41.5	34.2	32.8	32.0	32.2	32.2	32.4	32.2	32.0	32.6
India	55.7	56.1	52.8	51.9	53.1	52.2	52.8	53.1	54.5	52.9
Indonesia	34.9	34.9	35.6	35.0	36.0	35.1	35.5	36.0	35.4	35.7
Ireland	80.8	53.0	48.1	44.2	40.9	41.7	41.4	40.9	39.6	39.1
Israel	65.7	66.2	65.2	65.3	66.3	65.8	66.3	66.3	66.0	65.5
Italy	86.4	85.6	82.8	78.3	74.3	76.1	75.4	74.3	73.5	73.3
Japan	107.3	105.5	107.3	109.6	110.3	108.8	110.5	110.3	111.1	110.7
Korea	120.5	121.1	124.4	125.4	129.6	127.7	128.3	129.6	131.5	134.2
Luxembourg	90.3	92.0	94.9	100.2	102.6	101.4	102.6	102.6	102.5	103.5
Malaysia	130.1	132.5	132.0	127.3	130.8	130.6	130.3	130.8	130.8	130.1
Mexico	16.7	17.8	18.8	19.3	19.7	19.7	19.5	19.7	19.8	20.1
Netherlands	117.0	112.1	115.0	111.1	106.0	107.6	107.4	106.0	105.6	103.7
New Zealand	143.3	147.6	150.1	148.5	150.4	149.1	149.3	150.4	151.0	151.4
Norway	72.2	77.2	80.4	79.8	79.8	81.0	80.4	79.8	80.5	78.6
Poland	52.2	53.5	54.4	52.4	52.6	52.9	52.8	52.6	52.5	52.1
Portugal	127.0	117.3	109.1	100.9	95.8	98.9	97.8	95.8	94.8	94.9
Russia	54.6	55.5	51.9	50.7	50.0	50.6	50.7	50.0	50.5	50.8
Saudi Arabia	46.0	57.5	60.4	56.1	50.4	53.4	52.2	50.4	50.7	51.1
Singapore	119.4	116.4	117.2	115.7	115.4	116.3	114.8	115.4	115.8	117.4

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

Table F2.3

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	65.8	66.6	65.0	63.7	64.7	63.9	64.5	64.7	65.3	65.3
Spain	125.2	114.7	107.6	101.3	95.4	98.6	96.7	95.4	94.3	94.2
Sweden	129.4	127.8	130.1	132.2	133.3	134.3	134.4	133.3	134.0	134.8
Switzerland	162.9	162.7	165.9	168.1	169.4	169.4	169.3	169.4	170.4	171.7
Thailand	115.7	117.1	115.0	113.2	113.7	112.9	112.9	113.7	113.3	113.2
Turkey	56.7	59.3	61.5	62.3	58.5	63.2	65.4	58.5	59.0	57.6
United Kingdom	88.1	87.5	87.7	86.5	87.8	88.1	87.9	87.8	87.7	87.7
United States	49.1	50.4	51.6	51.6	51.2	51.0	50.8	51.2	50.7	51.0
<i>Memo:</i>										
<i>Euro area</i>	94.9	92.6	91.6	89.9	89.2	89.5	89.4	89.2	89.2	89.4
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	79.7	84.4	85.1	90.3	87.0	86.9	86.2	87.0	89.5	90.4
<i>All reporting economies</i>	81.5	86.2	87.0	92.4	88.8	88.7	88.1	88.8	91.3	92.3
<i>Advanced economies</i>	76.1	78.3	77.4	82.2	78.1	78.5	78.2	78.1	78.3	79.5
<i>Emerging market economies</i>	90.5	99.5	103.3	108.7	105.8	104.8	103.8	105.8	111.9	112.6
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	84.0	87.4	89.0	89.1	90.8	90.0	90.8	90.8	91.8	92.2
<i>All reporting economies</i>	85.6	88.8	90.3	90.4	91.9	91.2	91.9	91.9	92.8	93.2
<i>Advanced economies</i>	80.2	80.0	80.8	80.3	80.0	80.4	80.2	80.0	80.0	80.1
<i>Emerging market economies</i>	90.2	96.2	98.1	98.3	101.0	99.7	101.0	101.0	102.7	103.2

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	74	65	70	88	58	58	58	53	54
Australia	1,744	1,675	1,764	1,991	1,872	1,895	1,872	1,894	1,875
Austria	344	314	308	365	365	364	365	363	373
Belgium	286	277	287	343	352	355	352	347	361
Brazil	1,438	1,012	1,198	1,183	1,087	999	1,087	1,082	1,134
Canada	1,803	1,568	1,713	1,907	1,856	1,916	1,856	1,920	2,001
Chile	194	184	206	234	228	234	228	236	242
China	14,540	16,207	16,790	19,803	21,093	20,687	21,093	22,564	22,566
Colombia	137	119	135	144	140	148	140	144	147
Czech Republic	94	92	95	122	123	124	123	122	127
Denmark	567	505	502	581	564	570	564	562	573
Finland	231	215	214	252	250	251	250	247	253
France	2,378	2,213	2,221	2,668	2,693	2,680	2,693	2,689	2,752
Germany	2,767	2,536	2,523	2,979	2,966	2,978	2,966	2,951	3,038
Greece	249	214	198	212	187	197	187	175	176
Hong Kong SAR	652	678	727	833	865	866	865	882	907
Hungary	52	41	40	48	49	48	49	49	51
India	1,077	1,137	1,162	1,352	1,417	1,319	1,417	1,498	1,485
Indonesia	297	291	328	351	370	346	370	376	389
Ireland	191	151	138	157	152	154	152	146	149
Israel	187	198	208	239	235	239	235	246	251
Italy	1,708	1,542	1,480	1,632	1,501	1,538	1,501	1,459	1,476
Japan	4,610	4,657	4,914	5,309	5,509	5,351	5,509	5,523	5,672
Korea	1,725	1,707	1,798	2,157	2,198	2,173	2,198	2,197	2,213
Luxembourg	55	52	55	68	71	71	71	70	73
Malaysia	411	361	368	431	458	450	458	469	465
Mexico	199	191	183	214	236	240	236	245	252
Netherlands	954	842	859	984	940	952	940	929	935
New Zealand	269	253	277	299	296	288	296	305	305
Norway	304	273	288	321	325	342	325	335	331
Poland	255	246	242	299	296	297	296	295	305
Portugal	267	230	214	237	224	229	224	219	224
Russia	722	621	730	806	745	772	745	825	866
Saudi Arabia	348	375	389	386	396	398	396	401	405
Singapore	360	348	356	405	416	409	416	423	429

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

Table F2.4

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	216	173	206	240	218	219	218	221	228
Spain	1,569	1,346	1,263	1,411	1,314	1,334	1,314	1,285	1,312
Sweden	667	643	633	744	720	721	720	708	717
Switzerland	1,069	1,070	1,077	1,154	1,188	1,188	1,188	1,186	1,222
Thailand	465	446	468	536	574	563	574	589	614
Turkey	496	474	455	510	411	391	411	403	399
United Kingdom	2,556	2,488	2,155	2,422	2,395	2,428	2,395	2,463	2,410
United States	8,610	9,182	9,659	10,074	10,536	10,323	10,536	10,562	10,720
<i>Memo:</i>									
<i>Euro area</i>	<i>11,724</i>	<i>10,607</i>	<i>10,433</i>	<i>12,085</i>	<i>11,808</i>	<i>11,891</i>	<i>11,808</i>	<i>11,673</i>	<i>11,937</i>
<i>G20</i>	<i>52,179</i>	<i>52,430</i>	<i>53,949</i>	<i>60,876</i>	<i>62,205</i>	<i>61,406</i>	<i>62,205</i>	<i>63,901</i>	<i>64,607</i>
<i>All reporting economies</i>	<i>57,864</i>	<i>57,886</i>	<i>59,570</i>	<i>67,265</i>	<i>68,683</i>	<i>67,894</i>	<i>68,683</i>	<i>70,449</i>	<i>71,292</i>
<i>Advanced economies</i>	<i>33,923</i>	<i>32,920</i>	<i>33,417</i>	<i>36,885</i>	<i>37,069</i>	<i>36,913</i>	<i>37,069</i>	<i>37,132</i>	<i>37,763</i>
<i>Emerging market economies</i>	<i>23,940</i>	<i>24,967</i>	<i>26,153</i>	<i>30,381</i>	<i>31,614</i>	<i>30,980</i>	<i>31,614</i>	<i>33,318</i>	<i>33,530</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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	5.7	6.4	6.0	6.9	6.6	7.3	7.1	6.6	6.1	5.6
Australia	114.2	119.3	121.5	120.7	120.0	121.1	120.4	120.0	119.2	119.3
Austria	50.2	50.1	50.3	49.3	48.8	48.6	49.0	48.8	48.6	48.7
Belgium	58.6	59.2	59.5	60.3	61.4	60.8	60.9	61.4	61.4	61.9
Brazil	27.7	28.4	28.4	27.3	28.2	26.7	27.1	28.2	27.9	28.3
Canada	92.2	97.6	101.0	100.4	100.7	100.3	100.4	100.7	100.2	100.8
Chile	39.3	41.1	42.3	43.6	45.4	44.0	44.5	45.4	45.6	46.3
China	35.7	39.0	44.6	48.8	52.6	50.7	51.9	52.6	53.6	54.6
Colombia	24.1	25.1	26.2	27.0	27.9	27.3	27.3	27.9	27.7	27.8
Czech Republic	30.4	30.2	31.2	31.6	32.1	31.8	32.0	32.1	31.9	32.0
Denmark	125.1	120.5	118.8	116.5	115.3	116.7	116.1	115.3	115.4	114.9
Finland	62.9	63.7	65.0	65.1	65.4	65.2	65.5	65.4	65.4	65.7
France	55.6	56.1	57.1	58.5	60.0	59.0	59.4	60.0	60.2	60.6
Germany	54.1	53.6	53.4	53.2	53.5	53.0	53.4	53.5	53.6	54.0
Greece	63.5	62.0	60.1	56.9	56.7	56.4	56.7	56.7	56.0	55.1
Hong Kong SAR	65.5	67.1	67.6	70.5	72.2	71.5	71.0	72.2	73.2	75.8
Hungary	25.4	21.0	20.1	18.6	17.8	18.2	18.1	17.8	17.5	17.5
India	9.4	9.9	10.1	10.8	11.3	11.0	11.2	11.3	11.7	11.6
Indonesia	17.1	16.8	17.0	17.0	17.0	16.9	17.0	17.0	16.9	17.0
Ireland	80.6	55.9	52.5	46.8	42.4	43.9	42.9	42.4	41.7	41.2
Israel	40.2	40.7	41.1	41.6	41.8	41.9	41.8	41.8	41.6	41.8
Italy	42.5	41.8	41.1	40.7	40.8	40.7	40.7	40.8	40.9	41.3
Japan	57.9	56.7	57.1	57.6	58.4	58.0	58.0	58.4	58.5	58.7
Korea	80.1	83.1	87.3	89.4	91.9	90.3	91.2	91.9	92.1	92.9
Luxembourg	61.6	62.2	62.8	65.4	65.8	64.7	65.0	65.8	66.1	66.0
Malaysia	68.9	69.8	69.2	66.3	68.0	67.9	68.0	68.0	67.9	67.8
Mexico	14.6	15.2	16.0	16.0	16.0	16.1	16.1	16.0	16.3	16.3
Netherlands	114.0	111.7	110.0	107.0	103.4	105.1	104.3	103.4	102.2	101.6
New Zealand	87.6	90.0	92.5	92.1	93.9	92.6	93.0	93.9	94.2	94.6
Norway	89.5	95.7	102.3	102.0	100.1	101.6	100.8	100.1	100.3	101.7
Poland	35.6	36.0	36.7	34.9	35.2	35.4	35.2	35.2	35.1	35.1
Portugal	81.9	77.0	72.6	69.2	66.6	67.8	67.1	66.6	65.8	65.4
Russia	17.7	15.9	15.4	15.8	17.0	16.3	16.8	17.0	17.5	18.1
Saudi Arabia	10.9	13.0	13.6	12.8	11.5	12.0	12.0	11.5	11.3	11.4
Singapore	59.3	57.3	57.0	56.1	54.2	55.2	54.5	54.2	53.6	53.3

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

Table F3.1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	37.2	36.5	34.2	33.1	33.6	33.2	33.2	33.6	33.9	34.0
Spain	73.4	68.0	64.5	61.2	59.0	60.7	59.7	59.0	58.4	58.6
Sweden	82.3	82.7	85.8	87.4	87.9	87.6	87.8	87.9	87.7	88.1
Switzerland	123.0	125.4	127.3	129.5	129.2	129.8	129.4	129.2	129.9	130.9
Thailand	69.0	70.9	70.0	68.8	68.8	68.2	68.3	68.8	68.9	68.5
Turkey	18.7	17.9	17.6	17.1	14.8	16.3	15.6	14.8	14.2	13.9
United Kingdom	83.1	83.2	83.5	83.2	83.9	83.6	83.8	83.9	83.6	84.0
United States	79.7	77.7	77.9	77.5	75.8	76.2	76.1	75.8	74.9	75.0
<i>Memo:</i>										
<i>Euro area</i>	60.3	59.0	58.4	57.8	57.6	57.5	57.6	57.6	57.5	57.8
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	55.0	56.9	57.7	60.7	58.6	58.2	58.1	58.6	59.3	60.1
<i>All reporting economies</i>	55.7	57.8	58.6	61.7	59.4	59.1	59.0	59.4	60.2	61.1
<i>Advanced economies</i>	70.9	73.0	72.0	75.3	71.8	72.1	71.9	71.8	71.8	72.8
<i>Emerging market economies</i>	30.2	32.4	35.9	39.9	39.8	38.6	38.6	39.8	41.6	42.3
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	48.8	48.9	50.0	50.7	51.2	50.9	51.1	51.2	51.2	51.6
<i>All reporting economies</i>	49.8	50.0	51.1	51.6	52.1	51.8	52.0	52.1	52.1	52.5
<i>Advanced economies</i>	73.6	72.7	73.0	72.6	72.0	72.3	72.2	72.0	71.6	71.8
<i>Emerging market economies</i>	29.3	30.7	33.1	34.8	36.7	35.7	36.3	36.7	37.1	37.7

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

Total credit to households (core debt), USD billions

Table F3.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	31	29	31	39	26	24	26	23	23
Australia	1,509	1,431	1,495	1,706	1,607	1,626	1,607	1,627	1,627
Austria	203	188	189	219	216	217	216	213	218
Belgium	285	265	266	318	317	315	317	313	322
Brazil	605	430	546	539	496	456	496	493	517
Canada	1,588	1,399	1,522	1,714	1,639	1,704	1,639	1,676	1,736
Chile	96	93	107	128	125	127	125	129	133
China	3,693	4,122	4,745	6,142	6,874	6,631	6,874	7,312	7,424
Colombia	77	64	76	83	84	88	84	86	88
Czech Republic	57	56	58	75	76	76	76	75	79
Denmark	404	358	354	409	393	397	393	390	397
Finland	157	146	148	175	174	175	174	172	176
France	1,452	1,342	1,344	1,610	1,616	1,610	1,616	1,602	1,648
Germany	1,926	1,766	1,761	2,073	2,052	2,057	2,052	2,031	2,086
Greece	137	119	112	123	120	120	120	116	117
Hong Kong SAR	191	208	217	240	262	255	262	268	280
Hungary	32	25	25	28	27	27	27	27	27
India	181	201	222	281	302	279	302	321	327
Indonesia	145	140	157	171	175	166	175	180	185
Ireland	190	160	150	167	157	159	157	154	157
Israel	114	121	131	152	148	151	148	155	160
Italy	841	754	735	849	826	831	826	813	832
Japan	2,488	2,502	2,614	2,791	2,916	2,807	2,916	2,910	3,008
Korea	1,147	1,171	1,263	1,537	1,560	1,543	1,560	1,539	1,530
Luxembourg	37	35	36	45	45	45	45	45	47
Malaysia	218	190	193	224	238	235	238	244	243
Mexico	173	163	155	178	192	198	192	200	204
Netherlands	929	839	821	948	917	924	917	899	916
New Zealand	165	154	171	185	185	180	185	190	190
Norway	377	338	367	410	408	429	408	417	428
Poland	174	166	163	199	198	198	198	197	206
Portugal	172	151	143	163	155	157	155	152	154
Russia	234	179	216	251	254	256	254	286	309
Saudi Arabia	82	85	88	88	90	92	90	90	90
Singapore	179	171	173	196	196	194	196	195	195

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

Table F3.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	122	95	108	125	113	113	113	115	119
Spain	920	798	757	852	812	823	812	796	817
Sweden	424	416	418	492	474	471	474	463	468
Switzerland	807	824	826	889	906	909	906	905	932
Thailand	278	270	285	326	347	340	347	358	372
Turkey	164	143	130	139	104	93	104	97	96
United Kingdom	2,412	2,365	2,051	2,330	2,287	2,315	2,287	2,350	2,308
United States	13,974	14,167	14,586	15,130	15,595	15,466	15,595	15,595	15,766
<i>Memo:</i>									
<i>Euro area</i>	<i>7,448</i>	<i>6,754</i>	<i>6,654</i>	<i>7,769</i>	<i>7,633</i>	<i>7,656</i>	<i>7,633</i>	<i>7,531</i>	<i>7,711</i>
<i>G20</i>	<i>35,997</i>	<i>35,376</i>	<i>36,584</i>	<i>40,932</i>	<i>41,862</i>	<i>41,424</i>	<i>41,862</i>	<i>42,344</i>	<i>42,981</i>
<i>All reporting economies</i>	<i>39,590</i>	<i>38,830</i>	<i>40,146</i>	<i>44,969</i>	<i>45,930</i>	<i>45,501</i>	<i>45,930</i>	<i>46,443</i>	<i>47,179</i>
<i>Advanced economies</i>	<i>31,597</i>	<i>30,709</i>	<i>31,057</i>	<i>33,825</i>	<i>34,044</i>	<i>33,960</i>	<i>34,044</i>	<i>34,053</i>	<i>34,571</i>
<i>Emerging market economies</i>	<i>7,993</i>	<i>8,122</i>	<i>9,089</i>	<i>11,143</i>	<i>11,885</i>	<i>11,541</i>	<i>11,885</i>	<i>12,390</i>	<i>12,608</i>

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	11.4	12.4	12.1	13.7	15.7	16.1	18.9	15.7	15.9	14.1
Australia	76.3	81.8	80.2	75.6	76.1	75.3	76.3	76.1	76.1	75.7
Austria	91.7	91.5	91.9	91.8	91.7	91.8	91.5	91.7	92.3	93.0
Belgium	149.8	152.3	172.5	161.6	152.4	162.4	161.0	152.4	153.2	153.2
Brazil	43.6	48.5	42.5	40.8	42.2	39.9	40.6	42.2	41.8	42.3
Canada	99.3	110.0	111.8	113.8	117.8	116.2	115.8	117.8	118.6	118.7
Chile	95.3	104.2	100.3	93.6	98.9	94.1	95.8	98.9	99.1	101.3
China	152.2	158.6	160.8	158.5	152.2	156.8	154.4	152.2	155.5	154.5
Colombia	36.4	40.5	38.0	35.4	34.8	34.9	34.5	34.8	34.5	34.7
Czech Republic	63.0	59.2	58.5	56.4	56.8	57.0	58.0	56.8	57.1	56.8
Denmark	114.9	117.4	117.4	111.5	110.4	110.5	111.2	110.4	109.6	108.6
Finland	120.9	126.9	116.3	121.6	115.1	120.2	118.7	115.1	117.0	115.4
France	131.3	136.5	142.9	146.9	152.5	150.4	151.6	152.5	153.5	154.1
Germany	53.1	53.9	54.2	55.9	57.2	56.7	57.2	57.2	57.9	58.9
Greece	67.5	66.2	65.2	61.5	59.0	59.8	58.9	59.0	55.1	54.2
Hong Kong SAR	205.5	204.0	211.6	232.3	219.4	231.7	223.4	219.4	221.8	222.7
Hungary	79.7	74.2	70.3	66.1	65.9	68.6	67.0	65.9	65.4	66.0
India	50.4	50.3	46.0	44.0	44.8	44.3	45.0	44.8	46.0	44.4
Indonesia	22.5	23.8	23.5	22.4	23.4	22.9	23.3	23.4	22.8	23.0
Ireland	220.4	267.5	249.2	207.7	191.2	193.9	191.2	191.2	195.7	193.4
Israel	71.6	69.5	69.9	69.0	69.4	70.2	69.9	69.4	70.0	69.9
Italy	79.7	76.3	73.4	71.0	69.7	70.4	70.1	69.7	68.8	68.8
Japan	99.4	96.5	98.9	98.7	101.0	98.4	99.8	101.0	101.4	101.6
Korea	99.5	97.8	94.5	92.7	95.7	94.1	95.3	95.7	97.2	99.3
Luxembourg	334.9	342.2	323.9	355.2	352.0	357.1	353.0	352.0	343.7	333.4
Malaysia	63.9	66.6	67.5	66.4	68.5	68.8	68.4	68.5	68.4	68.1
Mexico	21.9	24.5	26.9	26.6	25.7	26.4	25.4	25.7	25.7	25.8
Netherlands	174.3	174.3	176.0	168.4	165.5	168.0	167.5	165.5	165.7	164.9
New Zealand	86.3	86.0	85.3	84.0	83.9	83.8	83.6	83.9	83.1	83.2
Norway	140.1	153.9	154.9	143.6	132.5	137.5	133.2	132.5	131.9	132.3
Poland	46.1	47.4	49.6	46.4	45.6	46.8	46.5	45.6	45.1	43.9
Portugal	126.3	119.7	112.2	107.0	101.4	103.2	102.6	101.4	100.9	100.5
Russia	54.0	58.1	51.6	47.9	45.6	47.0	46.9	45.6	45.8	45.4
Saudi Arabia	37.9	49.4	51.9	47.9	43.2	45.9	44.3	43.2	44.2	44.7
Singapore	106.2	110.6	110.6	113.0	115.4	108.3	113.9	115.4	116.6	119.5

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

Table F4.1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	32.5	36.8	37.3	38.1	38.5	38.5	39.5	38.5	40.9	40.0
Spain	117.2	109.9	104.5	99.3	95.5	97.8	97.3	95.5	97.1	94.6
Sweden	151.1	154.8	150.1	152.8	158.0	160.1	160.8	158.0	162.3	162.7
Switzerland	102.8	103.8	110.4	117.0	119.7	119.6	119.6	119.7	120.4	121.4
Thailand	50.7	51.1	49.4	48.0	48.1	48.1	47.8	48.1	47.7	47.7
Turkey	56.2	62.0	67.5	68.5	69.3	72.0	79.9	69.3	70.3	68.9
United Kingdom	79.8	77.4	81.9	84.5	80.5	81.2	80.4	80.5	79.2	79.1
United States	68.3	70.2	72.0	73.8	74.4	74.8	74.3	74.4	74.9	75.0
<i>Memo:</i>										
<i>Euro area</i>	105.5	109.2	109.3	108.0	107.2	108.4	108.5	107.2	107.4	107.8
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	84.8	90.6	90.9	96.4	91.4	92.7	91.2	91.4	94.0	94.7
<i>All reporting economies</i>	85.1	91.0	91.4	96.9	91.8	93.0	91.6	91.8	94.3	95.0
<i>Advanced economies</i>	82.8	87.5	87.2	93.3	89.5	90.2	89.8	89.5	90.1	91.5
<i>Emerging market economies</i>	89.0	96.7	98.5	102.6	95.4	97.3	94.6	95.4	100.9	100.7
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	88.0	91.5	92.6	92.4	91.6	92.7	92.4	91.6	92.6	92.5
<i>All reporting economies</i>	87.7	91.1	92.1	91.9	91.1	92.1	91.9	91.1	92.0	91.9
<i>Advanced economies</i>	87.8	89.8	91.2	91.6	91.7	92.4	92.1	91.7	92.0	92.2
<i>Emerging market economies</i>	87.7	92.1	92.8	92.1	90.6	91.9	91.7	90.6	92.0	91.8

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	62	57	62	77	61	63	61	59	58
Australia	1,008	982	987	1,068	1,019	1,030	1,019	1,039	1,032
Austria	371	343	346	408	405	405	405	404	416
Belgium	727	681	772	851	786	833	786	781	796
Brazil	951	734	818	807	742	682	742	738	774
Canada	1,710	1,577	1,684	1,943	1,917	1,964	1,917	1,984	2,045
Chile	233	235	255	274	272	274	272	281	291
China	15,739	16,758	17,108	19,962	19,894	19,740	19,894	21,226	21,013
Colombia	116	103	109	109	105	111	105	108	110
Czech Republic	119	110	109	134	135	137	135	135	140
Denmark	371	349	350	391	376	381	376	370	375
Finland	302	290	265	327	306	316	306	308	310
France	3,428	3,266	3,364	4,047	4,110	4,106	4,110	4,088	4,188
Germany	1,890	1,778	1,787	2,179	2,192	2,205	2,192	2,195	2,276
Greece	146	128	121	133	124	125	124	114	115
Hong Kong SAR	598	631	680	792	797	802	797	811	824
Hungary	100	89	86	99	100	99	100	100	104
India	974	1,018	1,014	1,145	1,195	1,123	1,195	1,264	1,246
Indonesia	192	199	217	224	241	227	241	242	250
Ireland	520	765	713	740	709	710	709	722	737
Israel	204	208	223	253	246	252	246	261	268
Italy	1,575	1,373	1,312	1,480	1,409	1,430	1,409	1,367	1,387
Japan	4,271	4,259	4,527	4,781	5,047	4,833	5,047	5,040	5,206
Korea	1,426	1,378	1,366	1,595	1,623	1,613	1,623	1,624	1,636
Luxembourg	203	194	187	242	242	243	242	235	235
Malaysia	202	182	188	225	240	236	240	245	244
Mexico	260	262	261	295	308	312	308	316	324
Netherlands	1,421	1,310	1,314	1,492	1,467	1,484	1,467	1,458	1,487
New Zealand	162	147	158	169	165	161	165	168	167
Norway	591	543	555	576	540	567	540	549	556
Poland	225	218	221	265	257	262	257	253	257
Portugal	265	234	221	251	237	240	237	233	237
Russia	714	651	726	762	679	714	679	747	775
Saudi Arabia	286	322	334	330	340	338	340	350	354
Singapore	320	331	336	395	416	406	416	425	437

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

Table F4.2

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	107	96	118	144	130	134	130	138	140
Spain	1,469	1,289	1,227	1,383	1,315	1,343	1,315	1,322	1,317
Sweden	779	779	730	860	853	863	853	857	865
Switzerland	675	682	717	803	839	840	839	838	864
Thailand	204	195	201	228	242	238	242	248	259
Turkey	492	495	500	560	487	477	487	480	478
United Kingdom	2,316	2,201	2,012	2,367	2,195	2,221	2,195	2,226	2,173
United States	11,976	12,792	13,466	14,406	15,315	15,116	15,315	15,587	15,764
<i>Memo:</i>									
<i>Euro area</i>	<i>13,034</i>	<i>12,508</i>	<i>12,457</i>	<i>14,511</i>	<i>14,191</i>	<i>14,434</i>	<i>14,191</i>	<i>14,052</i>	<i>14,388</i>
<i>G20</i>	<i>55,518</i>	<i>56,287</i>	<i>57,659</i>	<i>64,979</i>	<i>65,383</i>	<i>65,021</i>	<i>65,383</i>	<i>67,112</i>	<i>67,656</i>
<i>All reporting economies</i>	<i>60,418</i>	<i>61,088</i>	<i>62,575</i>	<i>70,552</i>	<i>70,967</i>	<i>70,650</i>	<i>70,967</i>	<i>72,761</i>	<i>73,417</i>
<i>Advanced economies</i>	<i>36,892</i>	<i>36,818</i>	<i>37,644</i>	<i>41,877</i>	<i>42,459</i>	<i>42,408</i>	<i>42,459</i>	<i>42,710</i>	<i>43,436</i>
<i>Emerging market economies</i>	<i>23,526</i>	<i>24,270</i>	<i>24,931</i>	<i>28,674</i>	<i>28,508</i>	<i>28,242</i>	<i>28,508</i>	<i>30,051</i>	<i>29,981</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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19	<i>Memo: Govt broad debt estimates for end-2018¹</i>
Australia	34.5	36.9	39.0	39.9	39.8	39.6	39.8	40.4	41.3	68.1
Austria	96.9	95.7	95.6	88.9	83.7	85.0	83.7	83.8	84.3	91.9
Belgium	127.2	123.7	124.8	118.2	116.4	118.1	116.4	121.6	123.6	118.0
Canada	83.1	87.3	88.3	84.8	83.8	82.5	83.8	85.5	86.2	115.9
Chile	17.8	19.7	23.3	24.8	27.5	26.3	27.5	28.0	30.6	32.6
Czech Republic	48.2	45.1	41.2	37.0	33.9	35.0	33.9	35.5	35.0	40.1
Denmark	51.4	45.7	44.0	41.2	39.8	41.0	39.8	40.1	41.8	47.5
Finland	66.3	68.9	68.8	65.1	63.2	62.6	63.2	64.2	65.9	69.1
France	108.2	108.2	112.3	110.5	109.8	111.1	109.8	113.3	114.6	122.1
Germany	83.0	79.0	76.2	71.0	67.2	67.7	67.2	67.5	67.8	70.3
Greece	172.2	171.1	174.8	178.9	184.4	185.0	184.4	185.4	185.7	193.2
Hungary	83.5	83.0	82.5	78.3	73.4	74.9	73.4	73.4	72.4	85.4
Ireland	117.1	85.0	81.5	73.6	67.7	72.0	67.7	69.7	68.0	75.2
Israel	72.3	70.6	67.9	66.8	65.3	66.3	65.3	66.0	66.4	
Italy	150.6	152.2	149.5	146.5	141.8	140.2	141.8	143.7	147.7	147.3
Japan	210.5	208.0	214.5	214.0	215.2	212.0	215.2	217.7	219.4	224.7
Korea	36.3	38.0	37.7	35.9	36.6	36.7	36.6	38.7	39.6	41.5
Luxembourg	24.6	23.7	21.9	23.8	22.2	22.4	22.2	22.0	21.7	29.0
Netherlands	76.7	72.5	70.7	64.0	59.2	59.1	59.2	58.0	58.9	65.5
Norway	29.9	34.5	38.2	38.6	39.7	35.6	39.7	36.7	35.7	45.4
Poland	54.5	54.4	56.5	52.8	50.9	51.0	50.9	51.0	50.3	66.8
Portugal	141.1	140.3	136.7	136.0	131.8	134.6	131.8	135.2	135.2	138.2
Spain	113.2	111.2	112.0	110.2	108.4	109.7	108.4	111.7	115.0	114.8
Sweden	48.5	46.6	45.5	43.2	40.7	40.2	40.7	38.5	37.8	58.3
Switzerland	33.6	33.4	32.3	32.7	31.8	31.9	31.8	31.5	31.3	41.6
Turkey	30.6	28.1	28.4	28.9	29.3	31.4	29.3	30.5	31.1	32.2
United Kingdom	103.4	102.3	112.4	110.7	108.2	106.4	108.2	109.8	111.4	112.6
United States	100.5	99.2	100.3	98.7	99.0	96.8	99.0	99.5	99.8	136.9
Euro area	106.1	103.6	103.0	99.0	95.8	96.5	95.8	97.4	98.8	102.3

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
<i>Aggregates based on conversion to US dollars at market exchange rates</i>									
G20	81.6	84.6	86.4	88.7	85.3	83.5	85.3	87.2	89.2
All reporting economies	78.7	81.8	83.5	85.8	82.4	80.7	82.4	84.2	86.1
Advanced economies	102.0	105.8	105.8	108.9	104.3	102.6	104.3	105.7	108.0
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>									
G20	75.9	76.1	77.4	76.5	76.7	76.1	76.7	77.2	78.0
All reporting economies	73.8	74.0	75.2	74.4	74.5	74.0	74.5	75.0	75.8
Advanced economies	110.5	108.9	110.5	108.2	107.0	106.1	107.0	108.2	109.0

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Australia	456	443	480	564	533	534	533	552	564
Austria	392	359	360	395	370	376	370	367	377
Belgium	618	554	558	623	600	611	600	620	642
Canada	1,431	1,252	1,331	1,448	1,364	1,400	1,364	1,430	1,484
Chile	44	44	59	73	76	75	76	80	88
Czech Republic	91	83	77	88	81	83	81	84	86
Denmark	166	136	131	144	136	140	136	135	144
Finland	165	157	157	175	168	167	168	169	177
France	2,826	2,591	2,643	3,044	2,961	3,011	2,961	3,016	3,113
Germany	2,955	2,603	2,514	2,766	2,577	2,606	2,577	2,556	2,617
Greece	373	330	325	386	389	392	389	385	393
Hungary	105	99	101	117	111	111	111	112	114
Ireland	277	243	233	262	251	267	251	257	259
Israel	206	211	217	245	231	239	231	246	255
Italy	2,977	2,741	2,672	3,054	2,865	2,862	2,865	2,854	2,976
Japan	9,040	9,179	9,823	10,364	10,752	10,267	10,752	10,821	11,244
Korea	520	535	545	617	621	622	621	647	652
Luxembourg	15	13	13	16	15	15	15	15	15
Netherlands	625	545	528	567	525	524	525	510	531
Norway	126	122	137	155	162	151	162	153	150
Poland	266	250	251	301	287	287	287	286	294
Portugal	296	275	269	320	308	315	308	313	319
Spain	1,419	1,305	1,315	1,535	1,492	1,514	1,492	1,522	1,602
Sweden	250	235	221	243	220	216	220	203	201
Switzerland	220	219	210	225	223	224	223	219	222
Turkey	268	225	211	236	206	188	206	208	216
United Kingdom	3,000	2,908	2,762	3,099	2,949	2,939	2,949	3,085	3,059
United States	17,621	18,079	18,773	19,263	20,375	19,690	20,375	20,710	20,972
<i>Memo:</i>									
<i>Euro area</i>	13,102	11,868	11,739	13,313	12,686	12,832	12,686	12,748	13,196
<i>G20</i>	53,465	52,598	54,784	59,765	60,960	59,488	60,960	62,256	63,748
<i>All reporting economies</i>	55,900	54,962	57,207	62,508	63,693	62,211	63,693	65,001	66,547
<i>Advanced economies</i>	45,476	44,495	45,666	48,876	49,460	48,452	49,460	50,113	51,292

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	47.4	55.5	55.6	59.1	89.4	79.8	98.8	89.4	91.7	84.0
Australia	30.9	33.5	35.8	37.0	37.1	37.0	37.1	37.1	37.1	37.1
Austria	84.0	84.9	82.9	78.1	73.9	76.4	75.5	73.9	72.7	71.7
Belgium	107.8	106.6	106.3	103.4	102.1	105.9	105.4	102.1	105.3	104.7
Brazil	61.6	71.7	77.5	83.2	87.0	86.7	86.3	87.0	87.1	87.0
Canada	75.5	79.8	81.4	80.2	79.6	79.9	79.3	79.6	79.7	79.4
China	40.2	41.9	44.6	46.5	49.8	48.2	49.0	49.8	51.1	52.4
Colombia	38.2	44.4	47.8	50.0	50.9	50.2	50.5	50.9	51.6	50.6
Czech Republic	42.2	39.9	36.8	34.6	32.5	35.2	33.8	32.5	33.9	33.0
Denmark	44.3	39.8	37.2	35.5	34.2	35.1	35.0	34.2	33.6	34.6
Finland	60.2	63.5	63.1	61.4	59.6	60.0	59.4	59.6	59.2	61.1
France	94.8	95.6	98.0	98.4	98.3	98.9	99.3	98.3	99.5	99.5
Germany	75.6	72.2	69.3	65.2	61.8	62.9	62.5	61.8	61.6	61.0
Greece	179.1	176.1	178.7	176.6	181.9	177.8	183.0	181.9	182.5	180.5
Hong Kong SAR	67.0	73.7	72.7	70.6	66.3	66.5	66.2	66.3	63.0	62.6
Hungary	75.4	74.3	73.5	71.1	68.5	69.7	70.2	68.5	67.7	66.5
India	66.4	68.3	67.9	67.8	67.2	67.4	67.2	67.2	67.3	67.9
Indonesia	24.6	27.5	28.4	29.4	29.6	29.5	30.3	29.6	30.2	29.7
Ireland	104.5	76.8	74.0	67.8	63.6	68.3	67.2	63.6	65.5	63.8
Israel	65.9	63.6	61.5	59.9	60.4	60.2	60.6	60.4	60.0	60.1
Italy	135.3	135.4	134.7	134.0	134.9	135.8	135.9	134.9	136.6	138.0
Japan	200.2	197.9	201.2	202.0	203.0	201.7	201.6	203.0	203.7	204.1
Luxembourg	22.7	22.0	20.1	22.4	21.0	21.5	21.2	21.0	20.8	20.3
Malaysia	52.7	53.6	51.9	50.1	51.2	51.5	51.2	51.2	53.1	54.0
Mexico	32.6	35.0	37.1	35.2	35.4	35.7	35.4	35.4	35.3	35.3
Netherlands	67.8	64.6	61.9	56.9	52.4	53.9	52.9	52.4	50.8	50.9
New Zealand	34.3	32.7	31.7	29.0	30.6	29.8	29.8	30.6	27.8	27.3
Norway	28.6	33.4	37.3	37.8	39.1	36.8	35.1	39.1	36.1	35.2
Poland	50.4	51.3	54.3	50.6	49.0	50.5	49.5	49.0	49.1	48.0
Portugal	132.9	131.2	131.5	126.0	122.2	125.4	125.2	122.2	123.7	121.1
Russia	16.1	16.4	16.1	15.5	14.6	15.1	14.6	14.6	14.4	14.8
Saudi Arabia	1.6	5.8	13.1	17.2	19.0	18.2	18.5	19.0	19.9	20.8
Singapore	97.1	99.5	105.5	107.4	111.3	110.0	109.9	111.3	113.6	115.3
South Africa	49.1	51.6	53.6	54.9	58.8	56.5	57.8	58.8	58.7	60.3
Spain	100.7	99.3	99.2	98.6	97.6	98.6	98.8	97.6	99.0	98.9

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

Table F5.3

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Sweden	45.1	43.9	42.3	40.7	38.7	38.5	38.2	38.7	36.4	35.6
Switzerland	30.6	30.0	28.9	29.3	27.7	28.4	28.0	27.7	27.4	27.2
Thailand	29.9	32.1	30.7	32.5	34.0	32.8	33.8	34.0	33.7	33.5
Turkey	28.8	27.7	28.4	28.3	30.2	28.8	32.3	30.2	31.4	32.1
United Kingdom	86.2	86.9	86.8	86.3	86.3	85.7	85.6	86.3	84.9	85.5
United States	96.2	96.4	98.3	96.7	98.6	97.4	97.6	98.6	97.7	96.3
<i>Memo:</i>										
<i>Euro area</i>	92.7	90.9	90.1	87.7	85.9	87.2	87.0	85.9	86.5	86.3
<i>Aggregates based on conversion to US dollars at market exchange rates</i>										
<i>G20</i>	76.2	79.8	81.3	83.8	81.5	80.9	80.3	81.5	82.5	83.5
<i>All reporting economies</i>	73.5	77.2	78.7	81.1	78.7	78.2	77.6	78.7	79.8	80.7
<i>Advanced economies</i>	93.9	98.5	98.2	101.4	98.4	98.2	97.7	98.4	98.5	99.3
<i>Emerging market economies</i>	39.1	41.5	45.4	48.6	47.5	46.5	46.0	47.5	49.9	51.1
<i>Aggregates based on conversion to US dollars at PPP exchange rates</i>										
<i>G20</i>	71.6	72.3	73.3	72.9	73.7	73.4	73.7	73.7	73.7	73.8
<i>All reporting economies</i>	69.6	70.4	71.4	70.9	71.7	71.4	71.7	71.7	71.7	71.8
<i>Advanced economies</i>	101.8	101.2	102.0	100.6	100.7	101.0	100.7	100.7	100.6	100.0
<i>Emerging market economies</i>	41.9	44.3	46.2	47.3	49.4	48.2	49.1	49.4	49.5	50.3

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	256	255	287	332	347	329	347	338	348
Australia	408	402	440	523	497	501	497	506	506
Austria	340	318	312	348	327	334	327	318	321
Belgium	523	477	476	545	527	545	527	537	544
Brazil	1,342	1,086	1,491	1,645	1,530	1,450	1,530	1,539	1,590
Canada	1,301	1,145	1,227	1,369	1,296	1,346	1,296	1,334	1,368
China	4,162	4,427	4,743	5,861	6,512	6,267	6,512	6,982	7,121
Colombia	122	113	138	154	153	163	153	161	161
Czech Republic	80	74	68	82	77	80	77	80	81
Denmark	143	118	111	125	116	120	116	113	119
Finland	150	145	144	165	158	158	158	156	164
France	2,476	2,288	2,307	2,709	2,651	2,689	2,651	2,650	2,703
Germany	2,689	2,379	2,286	2,541	2,369	2,409	2,369	2,335	2,355
Greece	388	339	332	381	383	388	383	379	382
Hong Kong SAR	195	228	234	241	241	238	241	230	232
Hungary	95	89	90	107	104	104	104	103	104
India	1,283	1,384	1,495	1,764	1,792	1,679	1,792	1,849	1,907
Indonesia	210	229	262	295	305	296	305	321	323
Ireland	247	220	212	242	236	250	236	242	243
Israel	188	190	196	219	214	219	214	224	230
Italy	2,674	2,438	2,409	2,793	2,725	2,774	2,725	2,713	2,779
Japan	8,599	8,734	9,214	9,780	10,142	9,765	10,142	10,124	10,462
Luxembourg	14	12	12	15	14	15	14	14	14
Malaysia	167	146	145	170	179	177	179	190	193
Mexico	388	374	361	391	423	435	423	435	443
Netherlands	553	486	462	504	464	468	464	447	459
New Zealand	64	56	59	58	60	58	60	56	55
Norway	121	118	134	152	160	149	160	150	148
Poland	246	236	241	289	276	279	276	276	281
Portugal	279	257	258	296	285	293	285	286	286
Russia	213	184	227	246	218	222	218	235	253
Saudi Arabia	12	38	84	118	149	142	149	157	165
Singapore	293	298	320	376	401	392	401	415	422
South Africa	161	134	170	207	198	196	198	199	211
Spain	1,262	1,165	1,164	1,373	1,343	1,363	1,343	1,349	1,378

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

	2014	2015	2016	2017	2018	Q3 18	Q4 18	Q1 19	Q2 19
Sweden	233	221	206	229	209	205	209	192	189
Switzerland	201	197	188	201	194	197	194	191	194
Thailand	120	122	125	154	172	168	172	175	182
Turkey	252	222	210	232	212	193	212	215	223
United Kingdom	2,502	2,471	2,132	2,415	2,353	2,365	2,353	2,385	2,349
United States	16,854	17,564	18,402	18,885	20,282	19,841	20,282	20,343	20,254
<i>Memo:</i>									
<i>Euro area</i>	<i>11,453</i>	<i>10,409</i>	<i>10,264</i>	<i>11,789</i>	<i>11,369</i>	<i>11,576</i>	<i>11,369</i>	<i>11,316</i>	<i>11,522</i>
<i>G20</i>	<i>49,917</i>	<i>49,592</i>	<i>51,555</i>	<i>56,469</i>	<i>58,247</i>	<i>57,225</i>	<i>58,247</i>	<i>58,924</i>	<i>59,698</i>
<i>All reporting economies</i>	<i>52,227</i>	<i>51,843</i>	<i>53,868</i>	<i>59,099</i>	<i>60,880</i>	<i>59,847</i>	<i>60,880</i>	<i>61,561</i>	<i>62,377</i>
<i>Advanced economies</i>	<i>41,878</i>	<i>41,435</i>	<i>42,377</i>	<i>45,525</i>	<i>46,679</i>	<i>46,122</i>	<i>46,679</i>	<i>46,711</i>	<i>47,167</i>
<i>Emerging market economies</i>	<i>10,349</i>	<i>10,408</i>	<i>11,491</i>	<i>13,574</i>	<i>14,201</i>	<i>13,725</i>	<i>14,201</i>	<i>14,850</i>	<i>15,210</i>

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Australia	20.0	20.7	21.2	20.7	20.9	20.8	21.0	21.1	21.0	20.8
Belgium	20.0	20.5	22.2	21.5	20.7	21.0	20.9	20.1	20.1	20.0
<i>Brazil</i>	<i>16.7</i>	<i>20.7</i>	<i>23.3</i>	<i>19.8</i>	<i>17.0</i>	<i>16.7</i>	<i>16.6</i>	<i>17.0</i>	<i>17.5</i>	<i>17.9</i>
Canada	21.7	22.8	24.1	24.3	24.3	24.4	24.2	24.4	24.4	24.3
<i>China</i>	<i>19.5</i>	<i>19.3</i>	<i>19.5</i>	<i>19.8</i>	<i>19.6</i>	<i>19.7</i>	<i>19.5</i>	<i>19.3</i>	<i>19.7</i>	<i>19.7</i>
<i>Czech Republic</i>	<i>7.9</i>	<i>7.5</i>	<i>7.3</i>	<i>7.2</i>	<i>7.4</i>	<i>7.4</i>	<i>7.5</i>	<i>7.5</i>	<i>7.7</i>	<i>7.8</i>
Denmark	25.4	24.3	23.8	22.7	22.6	22.7	22.6	22.4	22.3	22.4
Finland	17.0	17.5	16.7	16.9	16.8	16.8	16.7	16.3	16.5	16.2
France	18.6	18.6	19.0	19.5	20.0	19.9	20.0	20.1	20.1	20.0
Germany	10.4	10.2	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.3
<i>Hong Kong SAR</i>	<i>22.9</i>	<i>23.3</i>	<i>23.2</i>	<i>25.5</i>	<i>26.4</i>	<i>26.6</i>	<i>26.2</i>	<i>26.2</i>	<i>26.6</i>	<i>27.1</i>
<i>Hungary</i>	<i>11.7</i>	<i>9.8</i>	<i>8.6</i>	<i>7.7</i>	<i>7.3</i>	<i>7.4</i>	<i>7.3</i>	<i>7.1</i>	<i>7.0</i>	<i>7.1</i>
<i>India</i>	<i>8.8</i>	<i>8.4</i>	<i>7.9</i>	<i>7.2</i>	<i>7.2</i>	<i>7.1</i>	<i>7.2</i>	<i>7.2</i>	<i>7.5</i>	<i>7.2</i>
<i>Indonesia</i>	<i>4.3</i>	<i>4.6</i>	<i>4.5</i>	<i>4.3</i>	<i>4.2</i>	<i>4.2</i>	<i>4.2</i>	<i>4.2</i>	<i>4.2</i>	<i>4.2</i>
Italy	12.5	11.7	11.1	10.5	10.3	10.3	10.3	10.3	10.3	10.2
Japan	14.4	14.0	14.0	14.0	14.0	13.9	14.1	14.2	14.2	14.3
Korea	18.9	18.7	18.4	18.6	19.0	18.9	19.1	19.2	19.4	19.6
<i>Malaysia</i>	<i>12.4</i>	<i>13.2</i>	<i>13.2</i>	<i>13.0</i>	<i>13.3</i>	<i>13.3</i>	<i>13.3</i>	<i>13.4</i>	<i>13.4</i>	<i>13.3</i>
<i>Mexico</i>	<i>3.7</i>	<i>3.9</i>	<i>4.3</i>	<i>4.7</i>	<i>5.1</i>	<i>5.2</i>	<i>5.1</i>	<i>5.2</i>	<i>5.3</i>	<i>5.4</i>
Netherlands	29.3	30.0	29.5	28.5	27.7	27.8	27.7	27.0	27.0	27.0
Norway	26.3	25.9	26.3	26.6	25.9	26.1	25.7	25.7	25.7	26.1
<i>Poland</i>	<i>7.8</i>	<i>7.7</i>	<i>7.6</i>	<i>7.4</i>	<i>7.2</i>	<i>7.2</i>	<i>7.2</i>	<i>7.1</i>	<i>7.0</i>	<i>6.9</i>
Portugal	18.9	17.8	16.6	15.8	15.0	15.1	15.0	14.8	14.8	14.7
<i>Russia</i>	<i>9.1</i>	<i>12.2</i>	<i>10.5</i>	<i>8.8</i>	<i>7.8</i>	<i>7.8</i>	<i>7.9</i>	<i>7.8</i>	<i>8.0</i>	<i>8.0</i>
<i>South Africa</i>	<i>7.7</i>	<i>8.1</i>	<i>8.6</i>	<i>8.7</i>	<i>8.9</i>	<i>8.8</i>	<i>8.9</i>	<i>8.9</i>	<i>9.2</i>	<i>9.1</i>
Spain	17.8	16.3	15.1	14.4	13.8	13.9	13.8	13.7	13.8	13.4
Sweden	23.1	22.8	22.1	22.3	23.0	23.0	23.2	22.8	23.4	23.4
<i>Switzerland</i>	<i>17.3</i>	<i>17.0</i>	<i>17.2</i>	<i>17.6</i>	<i>18.0</i>	<i>18.0</i>	<i>18.0</i>	<i>17.9</i>	<i>18.0</i>	<i>18.1</i>
<i>Thailand</i>	<i>10.6</i>	<i>10.6</i>	<i>10.2</i>	<i>9.9</i>	<i>9.8</i>	<i>9.8</i>	<i>9.7</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>
<i>Turkey</i>	<i>11.7</i>	<i>13.3</i>	<i>14.3</i>	<i>15.4</i>	<i>22.4</i>	<i>18.3</i>	<i>27.5</i>	<i>27.1</i>	<i>21.8</i>	<i>22.6</i>
United Kingdom	15.3	14.6	14.9	15.1	14.7	14.7	14.6	14.6	14.4	14.5
United States	14.2	14.1	14.3	14.5	14.6	14.6	14.6	14.7	14.8	14.8

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

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Australia	15.0	14.9	15.1	15.4	15.5	15.5	15.5	15.6	15.6	15.6
Belgium	7.2	7.4	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Canada	12.4	12.3	12.6	12.8	13.1	13.0	13.1	13.2	13.2	13.3
Denmark	17.7	16.7	16.2	15.4	15.2	15.2	15.1	15.0	15.1	15.1
Finland	6.8	6.8	6.9	7.0	7.1	7.1	7.1	7.1	7.2	7.2
France	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
Germany	6.8	6.6	6.4	6.3	6.2	6.1	6.2	6.1	6.1	6.1
Italy	4.8	4.5	4.5	4.4	4.3	4.3	4.3	4.3	4.4	4.3
Japan	6.8	6.7	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9
Korea	10.8	10.7	10.8	11.7	11.7	11.7	11.7	11.7	11.8	11.9
Netherlands	17.9	17.7	17.1	16.5	15.8	15.9	15.7	15.5	15.3	15.1
Norway	15.3	14.6	14.5	15.0	15.1	15.1	15.1	15.1	15.1	15.5
Portugal	8.4	7.5	7.1	6.8	6.5	6.5	6.5	6.4	6.4	6.4
Spain	8.2	7.5	7.0	6.6	6.4	6.4	6.3	6.4	6.2	6.1
Sweden	11.3	11.2	11.3	11.6	11.5	11.5	11.5	11.5	11.5	11.5
United Kingdom	9.4	9.1	9.1	9.1	9.0	8.9	9.0	8.9	8.8	8.9
United States	8.3	8.2	8.1	8.1	7.9	7.9	7.9	7.9	7.8	7.8

¹ Annual figures refer to the average of the year.

Debt service ratios of non-financial corporations¹

Table G3

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Australia	44.4	51.3	55.3	47.7	47.6	47.4	48.1	47.5	46.7	45.2
Belgium	48.4	48.4	54.5	53.1	51.2	51.9	51.9	49.5	49.9	49.7
Canada	46.8	53.1	57.7	55.9	56.3	56.8	55.7	56.4	56.8	56.6
Denmark	40.5	38.9	38.8	37.2	38.5	38.8	38.5	37.7	37.3	37.3
Finland	41.0	41.8	40.6	39.2	37.3	36.8	36.7	35.9	36.2	34.7
France	54.3	52.8	54.4	57.6	60.0	59.9	60.3	60.6	60.6	59.5
Germany	20.9	20.7	20.1	20.5	21.2	21.1	21.3	21.5	22.0	23.0
Italy	40.5	38.7	34.9	31.7	30.9	30.7	31.0	31.1	31.3	31.4
Japan	34.6	32.8	32.5	32.4	31.8	31.6	32.0	32.4	32.5	32.6
Korea	37.7	37.2	36.1	34.1	35.5	35.1	36.0	36.5	37.0	37.6
Netherlands	50.7	52.2	52.1	49.8	49.0	49.4	49.5	46.9	47.3	48.3
Norway	43.4	44.5	47.3	47.8	46.5	46.8	46.1	46.2	46.1	46.3
Portugal	52.8	50.4	47.3	45.6	43.7	43.6	43.9	43.8	43.7	43.7
Spain	44.7	40.2	37.1	35.5	34.1	34.2	34.2	34.1	34.8	33.9
Sweden	45.4	45.0	42.3	42.6	44.8	44.4	45.7	44.8	46.2	46.0
United Kingdom	36.9	35.5	37.1	36.2	35.2	35.3	35.0	35.0	34.3	34.7
United States	37.1	37.6	39.7	40.8	41.5	41.7	41.6	41.7	42.3	42.5

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 60 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. The data set also includes historical data for 23 countries. 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.

Commercial property price indicators

The BIS publishes a commercial property price data set covering 16 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 years³⁷.

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*.

³⁷ See: Deryol, Konukçu, Szemere, Tissot: "Mind the data gap: commercial property prices for policy", IFC Report, March 2019

Nominal residential property prices

2010 = 100¹

Table H1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Australia	113.4	123.6	130.4	141.3	139.3	141.0	138.8	135.5	131.5	130.5
Austria	126.8	132.1	141.7	147.1	157.2	155.3	159.7	159.7	161.9	166.7
Belgium	107.0	108.8	111.7	115.7	119.0	118.3	120.7	120.0	121.4	121.9
Brazil	155.3	156.1	152.0	149.4	150.2	149.9	150.5	151.0	151.6	152.3
Bulgaria	91.9	94.5	101.1	109.9	117.2	117.2	118.1	119.2	122.3	123.1
Canada	116.9	123.7	138.6	157.1	161.4	163.1	162.0	160.5	160.0	162.2
Chile	151.4	173.9	184.6	200.4	216.0	212.9	221.3	221.5		
China	112.4	108.1	115.2	123.3	129.8	127.7	131.6	134.2	135.4	137.2
Colombia	141.1	154.1	172.0	183.9	196.4	199.2	199.2	198.6	201.6	202.6
Croatia	93.2	90.5	91.3	94.8	100.6	98.9	101.7	102.8	106.4	109.2
Cyprus	78.1	74.7	73.7	74.5	75.7	75.6	75.9	76.0		
Czech Republic	101.0	105.0	112.5	125.7	136.5	135.2	138.5	141.1	143.9	146.9
Denmark	103.1	110.3	116.1	121.3	126.6	127.5	128.1	125.2	128.0	131.3
Estonia	146.4	156.5	163.9	172.9	183.1	182.2	182.6	187.7	190.9	192.7
Finland	106.5	106.5	107.0	108.7	109.6	110.2	109.7	110.0	109.4	111.2
France	101.6	100.1	101.1	104.3	107.3	106.4	108.8	108.6	108.6	109.8
Germany	111.9	117.1	125.9	133.6	142.5	141.3	144.2	146.0	145.8	148.7
Greece	68.9	65.5	63.9	63.2	64.3	64.1	64.5	65.1	66.7	69.0
Hong Kong SAR	170.2	196.6	189.6	221.3	250.0	254.4	260.4	244.1	244.5	261.6
Hungary	94.4	106.8	121.1	135.8	155.3	152.1	158.5	162.6	173.3	173.6
Iceland	128.9	139.7	154.6	184.0	198.5	196.5	199.9	202.4	203.8	204.7
India	199.7	226.8	242.0	262.3	277.3	276.8	279.0	283.2	279.9	286.3
Indonesia	131.2	138.5	142.9	147.4	152.2	152.1	152.7	153.2	154.0	154.3
Ireland	84.7	94.4	101.4	112.4	123.9	123.1	125.8	126.7	125.5	126.2
Israel	132.4	140.1	150.6	156.4	155.1	155.8	155.3	154.6	156.2	157.7
Italy	88.0	84.7	84.9	84.0	83.5	84.0	83.3	83.2	82.7	83.8
Japan	102.4	104.9	107.2	109.9	112.0	112.0	112.1	111.5	115.1	114.3
Korea	109.4	113.1	116.1	117.6	120.2	119.6	120.4	122.1	122.1	121.8
Latvia	128.8	124.5	135.0	146.9	160.9	161.7	159.7	165.4	166.8	176.2
Lithuania	114.6	118.8	125.2	136.3	146.3	146.1	147.7	149.2	153.4	155.7
Luxembourg	118.4	124.8	132.3	139.7	149.5	147.1	150.7	154.6	156.0	163.8
Malaysia	151.7	162.9	174.4	185.7	191.9	191.2	193.4	193.4	194.1	192.9
Malta	103.8	109.8	115.8	122.0	129.0	126.9	131.0	136.0	130.3	134.8
Mexico	119.6	129.4	138.8	149.7	163.0	161.3	164.9	168.1	171.9	176.1
Morocco	104.8	105.7	107.1	112.9	112.9	113.0	112.4	113.4	112.7	112.0

Nominal residential property prices (cont)

2010 = 100¹

Table H1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Netherlands	86.7	89.8	94.3	101.4	111.0	109.2	112.7	114.3	116.4	118.3
New Zealand	122.0	137.2	156.6	166.8	172.8	171.7	173.3	174.9	175.7	174.6
North Macedonia	92.9	92.9	93.4	91.6	93.7	94.6	92.5	92.7	94.4	100.1
Norway	123.2	130.8	139.9	146.9	149.0	152.2	150.5	147.0	150.9	155.2
Peru	172.4	167.6	164.2	168.1	168.5	165.7	169.8	170.6	172.1	173.9
Philippines	142.8	157.0	172.7	191.2	214.5	209.2	217.2	228.1	242.9	251.4
Poland	93.3	94.7	96.4	100.2	106.8	106.0	107.4	109.9	112.1	114.7
Portugal	90.4	93.1	99.8	109.0	120.2	119.7	120.8	123.3	127.7	131.8
Romania	81.3	83.7	88.6	94.0	99.2	100.1	99.5	100.2	100.3	101.9
Russia	95.8	97.0	91.9	88.5	90.7	90.2	90.8	92.4	95.9	96.4
Serbia	95.8	99.5	110.6	115.3	126.4	126.4	129.2	127.2	120.5	113.8
Singapore	112.2	107.9	104.6	103.4	111.5	112.1	112.7	112.6	111.8	113.5
Slovakia	98.1	103.3	110.2	116.8	125.4	125.0	124.7	128.2	130.6	135.4
Slovenia	84.6	85.3	88.1	95.2	104.5	104.4	104.9	108.1	109.0	110.4
South Africa	124.3	132.0	139.4	145.4	150.9	150.7	151.7	152.9	153.6	155.8
Spain	71.7	74.3	77.8	82.6	88.1	87.6	89.5	89.9	91.3	92.4
Sweden	119.5	135.2	146.3	156.1	154.6	154.2	155.7	155.4	155.4	157.5
Switzerland	115.5	117.7	119.0	120.6	120.1	119.9	120.4	119.7	119.4	119.0
Thailand	122.9	126.0	127.7	127.9	135.5	134.6	136.5	136.6	138.6	139.6
Turkey	148.2	172.1	194.9	214.8	229.5	232.7	229.9	230.4	232.5	236.7
United Arab Emirates	170.7	155.7	151.6	148.3	137.5	140.2	135.8	132.2	131.3	127.2
United Kingdom	109.6	116.2	124.3	130.0	134.1	133.3	135.9	135.3	133.7	134.9
United States	118.8	125.2	132.0	139.8	147.6	147.2	148.3	149.5	150.6	152.2
<i>Memo:</i>										
<i>Euro area</i>	97.5	99.1	103.0	107.5	112.6	111.9	113.7	114.4	114.8	116.5
<i>Advanced economies</i>	109.1	113.5	119.1	125.4	130.8	130.5	131.6	132.0	132.9	134.1
<i>Emerging market economies</i>	129.0	132.6	138.8	146.3	153.5	152.3	154.9	157.0	158.3	160.4

¹ Annual figures refer to the average of the year.

Real residential property prices

CPI-deflated; 2010 = 100¹

Table H2

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Australia	102.7	110.3	114.9	122.2	118.2	119.9	117.5	114.2	110.7	109.2
Austria	115.6	119.3	126.9	129.1	135.3	133.8	137.2	136.0	138.3	141.2
Belgium	99.1	100.1	100.8	102.3	103.1	102.8	104.3	102.9	103.9	104.0
Brazil	122.4	112.9	101.0	96.0	93.1	93.5	92.5	92.2	91.8	91.0
Bulgaria	86.2	88.7	95.6	101.8	105.6	106.2	106.0	106.1	107.9	107.9
Canada	108.8	113.8	125.7	140.3	140.9	142.3	140.8	139.9	138.5	138.6
Chile	133.3	146.8	150.2	159.6	167.9	166.1	171.4	170.5		
China	99.1	93.9	98.0	103.3	106.7	105.8	108.1	109.5	109.5	110.6
Colombia	125.9	131.0	136.0	139.4	144.2	146.2	145.9	144.8	145.0	143.9
Croatia	86.4	84.3	86.0	88.3	92.3	90.3	93.4	93.8	98.0	99.0
Cyprus	75.2	73.4	73.5	73.9	74.0	73.7	73.8	73.5		
Czech Republic	94.3	97.7	104.0	113.4	120.5	119.5	121.8	123.9	124.7	126.4
Denmark	96.7	102.9	108.1	111.7	115.6	116.4	116.4	114.1	116.3	118.9
Estonia	130.7	140.4	146.8	149.7	153.3	153.1	151.6	155.5	158.7	157.3
Finland	97.7	97.9	98.0	98.8	98.5	99.2	98.5	98.4	97.9	98.9
France	96.3	94.8	95.6	97.6	98.6	97.6	99.5	99.4	99.6	99.7
Germany	104.9	109.2	116.9	122.2	128.1	127.1	128.6	130.4	131.0	131.5
Greece	67.2	65.0	63.9	62.5	63.2	62.6	63.5	63.5	66.0	67.2
Hong Kong SAR	142.5	160.0	150.5	173.2	191.1	195.2	198.6	184.9	184.0	195.0
Hungary	84.7	95.8	108.3	118.6	131.9	129.5	133.8	136.7	144.9	142.5
Iceland	111.2	118.6	128.9	150.8	158.5	157.6	159.3	159.4	159.7	158.7
India	149.4	161.9	164.5	172.6	175.5	176.4	174.9	177.0	175.7	177.1
Indonesia	105.8	105.0	104.6	104.0	104.1	104.3	104.0	103.9	103.5	102.6
Ireland	80.6	90.1	96.8	107.0	117.3	116.6	118.3	119.8	118.8	118.0
Israel	123.3	131.4	141.9	147.1	144.7	145.3	144.4	143.5	145.2	145.3
Italy	81.9	78.8	79.0	77.2	76.0	76.5	75.4	75.6	75.0	75.7
Japan	99.6	101.2	103.6	105.7	106.7	107.1	106.7	105.7	109.5	108.5
Korea	100.3	103.0	104.7	104.0	104.8	104.4	104.6	106.0	106.4	105.7
Latvia	120.0	115.7	125.4	132.5	141.6	141.9	140.4	144.2	144.5	149.8
Lithuania	105.5	110.3	115.2	121.0	126.5	126.2	127.8	127.6	131.1	131.0
Luxembourg	108.9	114.3	120.8	125.4	132.2	130.3	132.8	135.4	136.7	142.2
Malaysia	137.3	144.4	151.4	155.4	159.0	158.7	161.1	160.0	160.7	159.1
Malta	97.0	101.5	106.4	110.5	115.6	113.8	117.3	120.4	116.0	118.7
Mexico	102.9	108.4	113.1	115.0	119.3	119.4	120.5	120.7	122.2	125.1
Morocco	100.2	99.6	99.2	103.8	102.0	101.7	101.7	102.4	102.2	100.5

Real residential property prices (cont)

CPI-deflated; 2010 = 100¹

Table H2

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Netherlands	79.8	82.2	86.1	91.3	98.2	96.9	99.1	100.5	101.7	102.3
New Zealand	113.4	127.1	144.2	150.7	153.7	153.3	153.4	154.6	155.2	153.4
North Macedonia	84.4	84.7	85.3	82.6	83.3	84.0	81.9	82.0	83.6	87.8
Norway	116.0	120.4	124.4	128.3	126.6	129.8	126.9	123.5	126.4	129.2
Peru	151.6	142.3	134.6	134.1	132.6	130.9	133.1	133.3	133.6	134.0
Philippines	124.3	135.9	147.6	158.8	169.3	166.5	169.8	176.8	188.6	194.3
Poland	85.1	87.2	89.4	91.0	95.3	94.6	95.9	97.6	99.4	100.0
Portugal	84.9	87.0	92.6	99.8	109.0	107.9	109.3	111.3	116.6	118.2
Romania	70.8	73.2	78.8	82.5	83.2	83.9	83.3	83.3	82.0	82.1
Russia	73.1	64.1	56.7	52.7	52.4	52.3	52.3	52.7	53.5	53.3
Serbia	73.0	74.8	82.2	83.1	89.3	89.2	91.0	89.5	84.0	78.5
Singapore	98.6	95.3	92.8	91.3	98.0	98.7	98.8	98.8	98.0	99.2
Slovakia	89.9	95.0	101.9	106.5	111.6	111.2	110.8	113.7	114.4	117.4
Slovenia	79.5	80.5	83.2	88.6	95.6	95.1	95.8	98.3	99.8	98.9
South Africa	99.9	101.5	100.8	99.8	99.0	99.3	98.8	98.7	98.6	98.4
Spain	67.0	69.8	73.2	76.2	80.0	79.4	81.2	80.7	83.1	82.9
Sweden	115.3	130.5	139.9	146.5	142.4	142.2	142.5	142.0	142.3	142.5
Switzerland	116.3	119.9	121.8	122.7	121.1	120.6	121.2	120.6	120.3	118.8
Thailand	110.3	114.2	115.5	114.9	120.4	119.5	121.0	121.1	123.1	122.8
Turkey	109.2	117.8	123.8	122.8	113.2	118.8	110.1	103.6	103.7	102.4
United Arab Emirates	162.5	142.4	136.5	130.9	117.7	119.9	116.1	114.3	114.4	110.5
United Kingdom	98.1	103.9	110.4	112.5	113.2	112.8	114.3	113.2	112.1	111.9
United States	109.5	115.2	119.9	124.4	128.2	127.7	128.2	129.3	129.9	129.7
<i>Memo:</i>										
<i>Euro area</i>	90.99	92.27	95.71	98.33	101.27	100.44	101.77	102.21	103.25	103.10
<i>Advanced economies</i>	101.52	105.35	109.76	113.56	116.12	115.76	116.37	116.57	117.46	117.16
<i>Emerging market economies</i>	108.06	106.85	108.13	110.84	112.80	112.70	113.29	113.95	114.19	114.74

¹ Annual figures refer to the average of the year.

I Exchange rate statistics

Effective exchange rates

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.³⁸

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).³⁹ 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.

US dollar exchange rates

www.bis.org/statistics/xrusd.htm

The BIS nominal exchange rate data set contains USD exchange rates for currencies of approximately 190 economies at daily, monthly, quarterly and annual frequencies. These exchange rate series, which draw on central bank data as well as other sources, are used for the calculation of the BIS nominal and real effective exchange rate series and as an input to the BIS International Banking and Financial Statistics.

Daily data are available for 79 currencies. While the starting date of most daily series ranges from 1970 to 1995, series starting in the 1950s are available for 14

³⁸ See M Klau and S Fung, "The new BIS effective exchange rate indices", *BIS Quarterly Review*, March 2006, pp 51–65.

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

currencies. For lower frequencies more historical data are available: the monthly, quarterly and annual series are substantially longer than the daily ones for several currencies. These time series are calculated as end-of-period figures or as averages over daily data, but extended backwards with the additional low-frequency historical data. Most monthly, quarterly and annual series start in 1957. The longest exchange rate series is for GBP/USD, for which monthly data are available starting in 1791.

For the most recent periods, daily data from the European Central Bank (ECB) is the main source, complemented with data from the United States Federal Reserve. Exchange rates are measured at 13:15 GMT for the ECB data and 17:00 GMT for the Federal Reserve. Using data mainly from these institutions, each of which supplies data on a large number of currencies, maximises comparability across countries in terms of quotation time and market. Data are taken from other BIS member central banks for periods for which no data from the ECB or the Federal Reserve are available. The Deutsche Bundesbank is a key source for historical data. The International Monetary Fund's *International Financial Statistics* is another source for historical information, as it includes monthly and quarterly exchange rates for 190 economies going back to the 1950s. The documentation of the BIS data set provides detailed information on the sources used for each currency and time period.

Nominal effective exchange rates

Period averages; 2010 = 100¹

Table I1

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Algeria	85.6	80.2	79.2	74.2	75.5	76.1	76.7	76.9	77.2	77.1
Argentina	54.7	35.5	30.8	19.8	13.7	12.4	11.1	10.7	9.9	9.6
Australia	88.4	89.2	92.0	88.2	85.5	84.8	83.8	83.1	83.8	83.4
Austria	97.6	98.7	99.4	100.9	100.4	100.4	100.4	100.5	100.3	100.4
Belgium	97.3	98.8	99.8	101.9	101.2	101.1	101.0	101.3	100.8	100.9
Brazil	63.4	64.2	70.2	63.5	64.6	63.2	63.8	63.5	62.6	63.0
Bulgaria	101.6	103.8	105.7	109.6	109.8	110.4	110.1	110.4	110.1	110.2
Canada	84.4	82.9	84.7	84.3	82.9	82.7	84.3	84.1	84.4	84.6
Chile	87.3	87.8	91.5	93.0	91.8	90.7	89.3	88.8	88.8	88.2
China	124.8	119.3	116.3	118.0	117.8	117.5	114.7	114.3	113.6	113.6
Chinese Taipei	107.5	107.7	114.8	114.1	113.3	113.2	114.1	113.7	115.3	116.6
Colombia	78.8	73.3	75.4	75.6	72.7	71.0	69.8	68.7	69.3	68.4
Croatia	94.9	97.2	98.7	101.2	101.0	101.2	101.6	101.8	101.5	101.0
Cyprus	97.7	99.0	99.6	101.0	100.3	100.1	100.2	100.4	99.9	99.8
Czech Republic	90.6	93.1	96.4	100.8	100.2	100.3	100.2	100.2	99.7	100.3
Denmark	96.8	98.9	100.1	102.5	102.0	102.1	102.4	102.8	102.3	102.3
Estonia	101.1	103.1	103.3	105.9	105.8	105.8	105.9	106.3	105.9	106.0
Finland	99.1	101.1	101.7	104.6	104.1	104.2	104.3	104.7	104.2	104.3
France	96.5	98.1	99.3	101.4	100.7	100.7	100.7	101.0	100.6	100.6
Germany	96.4	98.4	99.6	102.1	101.3	101.4	101.4	101.7	101.3	101.3
Greece	97.9	99.7	101.1	103.6	103.4	103.7	103.7	104.0	103.6	103.6
Hong Kong SAR	106.7	108.6	108.3	106.2	107.7	108.4	109.5	109.7	110.1	109.7
Hungary	87.0	87.9	89.2	88.1	88.0	86.7	85.3	85.8	84.1	84.3
Iceland	106.6	119.6	134.2	129.3	120.5	119.1	118.9	119.9	119.5	119.5
India	77.7	76.0	78.3	73.6	72.8	74.5	74.3	73.8	73.8	73.9
Indonesia	74.7	76.3	76.0	70.3	71.8	71.8	73.0	72.7	73.6	73.3
Ireland	92.9	95.0	96.9	99.3	97.8	97.6	97.6	98.0	97.2	97.2
Israel	108.0	111.9	119.3	118.8	120.0	122.8	126.1	127.0	127.1	126.9
Italy	97.6	99.4	100.5	103.1	102.5	102.6	102.5	102.8	102.4	102.4
Japan	76.2	87.8	84.7	84.9	86.7	87.7	91.0	92.4	91.5	90.6
Korea	112.3	111.7	115.0	116.8	116.2	113.0	111.5	110.3	112.3	113.0
Latvia	103.3	105.1	104.8	106.8	106.8	106.7	106.8	107.1	106.8	106.7
Lithuania	102.8	105.0	104.6	106.8	106.8	106.7	106.8	107.3	106.8	106.7
Luxembourg	98.2	98.9	99.4	100.6	100.2	100.1	100.1	100.2	100.0	100.0
Malaysia	90.3	86.1	82.8	87.1	87.2	86.6	86.9	86.8	87.0	86.7

Nominal effective exchange rates (cont)

Period averages; 2010 = 100¹

Table I1

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Malta	94.8	96.7	98.0	100.5	99.5	99.6	99.5	99.9	99.1	99.0
Mexico	84.1	72.4	71.4	69.7	70.6	71.2	70.6	69.8	70.4	71.1
Netherlands	96.8	98.4	99.5	101.5	100.7	100.7	100.8	101.1	100.6	100.6
New Zealand	107.2	108.7	110.5	106.3	107.0	105.0	103.9	103.4	102.3	101.9
Norway	85.3	83.6	84.4	84.0	82.3	82.8	81.9	81.2	81.2	79.7
Peru	101.6	100.0	102.9	102.6	104.2	105.6	106.5	106.0	107.3	107.0
Philippines	109.6	105.8	99.6	93.7	95.5	96.9	97.8	97.3	97.8	98.7
Poland	93.2	90.9	94.2	96.0	94.6	95.2	94.5	94.1	93.7	94.8
Portugal	98.8	100.0	100.6	101.9	101.7	101.7	101.8	102.0	101.7	101.7
Romania	94.8	95.5	95.0	95.5	93.7	93.8	94.1	94.4	94.0	93.7
Russia	56.5	52.6	60.1	54.9	53.7	55.6	56.1	55.3	56.4	56.7
Saudi Arabia	110.4	112.8	113.0	112.0	114.4	115.6	116.7	117.0	117.5	117.1
Singapore	109.2	110.9	111.0	112.0	113.3	113.6	113.5	113.1	113.7	114.1
Slovakia	98.8	100.2	100.5	101.8	101.5	101.7	101.9	102.2	101.9	101.8
Slovenia	99.6	100.9	101.4	103.3	103.1	103.3	103.3	103.5	103.3	103.3
South Africa	64.5	57.1	62.8	62.4	60.1	59.1	58.7	56.9	58.5	57.9
Spain	97.9	99.8	101.0	103.3	102.9	103.0	103.1	103.4	103.0	103.0
Sweden	99.8	100.5	99.7	95.5	93.5	91.8	91.5	91.2	91.1	90.3
Switzerland	124.4	123.8	122.9	120.9	122.1	122.6	126.1	127.2	126.4	125.6
Thailand	104.6	102.6	107.2	111.3	115.7	116.8	121.1	121.2	122.4	123.0
Turkey	63.7	58.6	47.9	36.1	32.6	30.2	31.6	31.8	31.7	31.1
United Arab Emirates	114.5	117.3	117.2	116.1	118.8	119.7	120.9	121.3	121.8	121.3
United Kingdom	113.6	102.3	96.4	97.9	98.4	98.1	95.0	93.8	96.1	97.9
United States	114.7	119.9	119.7	118.5	121.1	122.1	123.4	124.0	124.4	123.9
Venezuela										
<i>Memo:</i>										
<i>Euro area</i>	<i>94.4</i>	<i>97.7</i>	<i>99.8</i>	<i>104.1</i>	<i>102.8</i>	<i>102.9</i>	<i>102.9</i>	<i>103.5</i>	<i>102.7</i>	<i>102.7</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

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Algeria	96.8	95.4	97.4	92.7	94.0	94.6	95.5	95.7	96.9	97.5
Argentina	86.2	71.2	75.5	61.8	56.5	56.0	54.6	52.4	51.3	51.0
Australia	89.2	90.1	93.1	89.1	86.3	85.4	84.5	83.8	84.4	83.8
Austria	99.1	100.4	101.4	103.0	102.5	102.1	101.6	101.6	101.9	101.9
Belgium	96.0	98.5	99.8	101.9	101.6	100.8	100.2	100.6	99.7	99.8
Brazil	74.6	79.3	86.4	77.2	77.8	75.9	75.9	75.7	73.9	74.0
Bulgaria	96.3	96.5	98.0	101.4	102.5	102.1	102.0	102.3	101.5	102.0
Canada	83.1	81.6	82.9	82.4	81.0	81.1	82.6	82.4	82.2	82.4
Chile	90.4	92.2	95.7	97.1	95.2	94.1	92.5	92.1	91.7	91.4
China	129.5	124.6	121.0	122.6	123.7	122.2	120.3	119.8	120.0	120.9
Chinese Taipei	101.4	101.6	107.1	105.8	104.0	104.1	104.6	104.2	105.4	106.1
Colombia	81.1	79.3	83.0	83.5	80.8	79.2	78.0	76.7	77.2	76.0
Croatia	92.7	93.2	93.9	95.5	94.3	94.6	94.5	94.4	94.6	94.4
Cyprus	91.2	90.7	90.3	91.4	90.0	89.8	89.1	89.4	89.2	89.2
Czech Republic	88.5	90.9	94.7	99.0	99.6	99.1	99.4	99.7	98.4	99.2
Denmark	94.4	95.7	96.2	97.1	96.3	95.7	95.8	96.1	95.3	95.4
Estonia	101.2	102.1	103.7	107.7	107.2	108.0	108.3	109.0	108.3	108.0
Finland	97.1	98.0	97.5	99.1	98.2	98.0	97.6	98.1	97.6	97.6
France	92.5	93.3	93.6	95.3	94.1	94.1	94.0	94.4	93.7	93.4
Germany	93.4	94.8	95.6	97.4	95.7	96.4	96.6	96.8	96.3	96.1
Greece	89.3	89.3	89.7	90.4	88.6	89.5	88.1	87.5	89.0	88.8
Hong Kong SAR	117.4	121.1	120.7	119.0	121.6	122.9	124.7	125.1	125.2	124.6
Hungary	88.0	88.6	90.4	89.8	90.5	89.6	88.2	88.8	86.9	87.4
Iceland	114.8	129.7	145.4	140.8	132.8	131.1	131.1	132.3	131.6	131.7
India	97.5	98.7	103.1	98.6	97.5	100.4	101.9	101.2	101.5	102.3
Indonesia	88.5	92.5	94.0	88.1	90.9	91.3	93.3	93.0	93.6	92.9
Ireland	88.6	89.7	90.0	90.7	88.7	88.7	88.5	89.0	88.1	87.6
Israel	102.7	104.3	109.1	106.7	107.0	109.3	111.4	112.3	111.9	111.8
Italy	94.8	95.3	95.7	97.0	95.8	95.3	95.0	95.5	94.5	94.1
Japan	70.0	79.4	75.6	74.8	75.8	76.3	78.7	80.0	79.0	78.1
Korea	110.2	109.0	112.5	113.4	111.8	108.4	106.3	105.1	107.0	107.5
Latvia	99.6	100.5	100.8	103.0	103.7	104.3	103.5	103.9	103.5	103.6
Lithuania	98.9	100.8	102.1	104.8	104.9	105.2	104.7	104.6	105.2	104.9
Luxembourg	98.7	98.8	99.4	100.1	99.8	99.8	99.5	100.0	99.7	99.5
Malaysia	91.2	87.7	86.2	89.7	89.2	88.4	88.6	88.5	88.5	88.0

Real effective exchange rates (cont)

CPI-based; period averages; 2010 = 100¹

Table I2

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Malta	92.8	94.3	95.2	96.7	95.6	95.9	95.3	95.6	95.2	95.2
Mexico	90.9	79.3	81.3	81.3	84.1	84.2	83.4	82.4	83.1	84.2
Netherlands	96.0	96.9	97.5	99.1	98.9	99.0	99.6	100.3	99.1	99.3
New Zealand	104.2	105.1	106.9	102.5	103.0	101.0	100.1	99.7	98.6	97.8
Norway	84.6	85.2	86.1	86.2	85.1	85.2	84.4	83.4	83.5	81.9
Peru	104.0	103.3	106.6	104.7	106.0	107.3	107.8	107.4	108.2	107.4
Philippines	114.5	110.7	105.5	102.6	105.6	106.9	108.1	107.5	107.9	108.9
Poland	91.7	88.0	91.2	92.6	91.2	92.1	91.4	91.1	90.5	91.5
Portugal	97.2	98.3	98.5	98.8	97.4	98.1	97.0	96.7	97.6	97.2
Romania	97.8	96.1	94.8	97.3	97.1	97.2	97.2	97.5	96.9	96.7
Russia	77.2	76.1	88.4	81.1	81.5	84.2	84.8	83.5	84.9	85.0
Saudi Arabia	114.1	117.3	114.2	113.1	113.0	113.1	114.1	114.5	114.8	113.7
Singapore	110.2	109.6	108.2	107.6	108.3	108.0	107.5	107.3	107.6	107.3
Slovakia	97.8	97.9	97.7	99.3	99.9	99.9	100.2	100.5	100.3	99.9
Slovenia	95.7	96.1	96.2	97.5	96.5	97.8	97.5	97.8	97.3	97.2
South Africa	75.2	70.0	79.5	80.8	78.9	78.2	78.0	75.7	77.7	77.0
Spain	94.6	95.2	96.4	98.0	96.4	96.9	95.9	96.1	95.7	96.4
Sweden	93.8	94.5	93.6	89.5	87.5	86.0	85.7	85.2	85.4	84.3
Switzerland	110.5	108.3	106.2	103.1	103.5	103.5	105.7	106.7	105.7	104.5
Thailand	103.3	100.1	103.4	106.4	109.7	111.1	114.4	114.5	115.4	115.3
Turkey	83.5	82.0	73.1	62.3	62.1	58.5	62.8	63.2	63.5	63.3
United Arab Emirates	108.9	111.5	111.4	111.1	110.8	110.9	110.8	111.6	110.8	109.5
United Kingdom	115.1	103.2	98.1	99.8	100.3	99.9	96.9	95.8	97.9	99.3
United States	110.7	115.3	114.9	113.7	115.6	117.1	118.1	118.7	118.9	118.1
Venezuela										
<i>Memo:</i>										
<i>Euro area</i>	<i>89.6</i>	<i>91.6</i>	<i>92.9</i>	<i>96.0</i>	<i>93.5</i>	<i>94.2</i>	<i>93.7</i>	<i>94.1</i>	<i>93.4</i>	<i>93.2</i>

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

US dollar exchange rates

Period averages¹

Table I3

	2016	2017	2018	Q2 19	Q3 19	Sep 2019	Oct 2019
Afghanistan	67.87	68.03	72.08	78.31			
Albania	124.14	119.10	107.99	109.52	109.35	110.44	
Algeria	109.38	110.89	116.59	119.38	119.81	120.23	119.92
Angola	163.66	165.92	252.86	328.50	357.95	367.77	
Anguilla	2.70	2.70	2.70	2.70	2.70	2.70	
Antigua and Barbuda	2.70	2.70	2.70	2.70	2.70	2.70	
Argentina	14.77	16.55	28.06	43.95	50.33	56.62	58.32
Armenia	480.49	482.72	482.99	481.10	476.24	476.23	
Aruba	1.79	1.79	1.79	1.79	1.79	1.79	
Australia	1.35	1.31	1.34	1.43	1.46	1.47	1.47
Azerbaijan	1.60	1.72	1.70	1.70			
Bahamas	1.00	1.00	1.00	1.00	1.00	1.00	
Bahrain	0.38	0.38	0.38	0.38	0.38	0.38	
Bangladesh	78.47	80.44	83.47	84.44	84.50	84.50	
Barbados	2.00	2.00	2.00	2.00	2.00	2.00	
Belarus	1.99	1.93	2.04	2.08	2.07	2.07	2.05
Belize	2.00	2.00	2.00	2.00	2.00	2.00	
Benin	593.01	582.03	555.70	583.67	590.13	596.11	
Bhutan	67.20	65.12	68.39	69.55	70.43	71.33	
Bolivia	6.91	6.91	6.91	6.91	6.91	6.91	
Bosnia and Herzegovina	1.77	1.74	1.66	1.74	1.76	1.78	1.77
Botswana	10.90	10.35	10.20	10.72	10.86	10.94	
Brazil	3.49	3.19	3.65	3.92	3.97	4.12	4.09
Brunei	1.38	1.38	1.35	1.36	1.38	1.38	1.37
Bulgaria	1.77	1.74	1.66	1.74	1.76	1.78	1.77
Burkina Faso	593.01	582.03	555.70	583.67	590.13	596.11	
Burundi	1,654.63	1,729.06	1,782.88	1,836.85			
Cambodia	4,058.69	4,050.58	4,051.17	4,057.86	4,090.44	4,101.75	
Cameroon	593.01	582.03	555.70	583.67	590.13	596.11	
Canada	1.33	1.30	1.30	1.34	1.32	1.32	1.32
Cabo Verde	99.69	97.81	93.41	98.12			
Cayman Islands	1.20	1.20	1.20	1.20	1.20	1.20	1.20
Central African Republic	593.01	582.03	555.70	583.67	590.13	596.11	
Chad	593.01	582.03	555.70	583.67	590.13	596.11	
Chile	676.94	648.85	641.22	683.94	706.07	718.44	721.03

US dollar exchange rates (cont)

Period averages¹

Table I3

	2016	2017	2018	Q2 19	Q3 19	Sep 2019	Oct 2019
China	6.64	6.76	6.62	6.83	7.02	7.12	7.10
Chinese Taipei	32.25	30.43	30.15	31.14	31.19	31.10	30.69
Colombia	3,052.13	2,950.60	2,955.81	3,240.16	3,338.93	3,399.46	3,433.31
Comoros	444.76	436.52	416.78	437.75	442.60	447.08	
(Republic of) Congo	593.01	582.03	555.70	583.67	590.13	596.11	
(Democratic Republic of the) Congo	1,010.30	1,464.42	1,622.52	1,641.34	1,651.23	1,653.72	
Costa Rica	544.74	567.51	576.97	592.74			
Côte d'Ivoire	593.01	582.03	555.70	583.67	590.13	596.11	
Croatia	6.81	6.62	6.28	6.60	6.65	6.73	6.73
Czech Republic	24.44	23.38	21.73	22.85	23.16	23.51	23.24
Denmark	6.73	6.60	6.31	6.64	6.71	6.78	6.76
Djibouti	177.72	177.72	177.72	177.72	177.72	177.72	
Dominica	2.70	2.70	2.70	2.70	2.70	2.70	
Dominican Republic	46.06	47.53	49.51	50.61	51.25	51.66	
Egypt	10.03	17.78	17.77	16.96			
El Salvador	8.75	8.75					
Equatorial Guinea	593.01	582.03	555.70	583.67	590.13	596.11	
Eritrea	15.35	15.08	15.08	15.08	15.08	15.08	
Eswatini	14.71	13.32	13.23	14.39	14.68	14.85	
Ethiopia	21.73	23.87	27.43	28.70			
Euro area	0.90	0.89	0.85	0.89	0.90	0.91	0.90
Fiji	2.09	2.07	2.09	2.15	2.18	2.19	
Gabon	593.01	582.03	555.70	583.67	590.13	596.11	
Gambia	43.88	46.61	48.15				
Georgia	2.37	2.51	2.53	2.74	2.92	2.96	
Ghana	3.91	4.35	4.59	5.14	5.28	5.31	
Grenada	2.70	2.70	2.70	2.70	2.70	2.70	
Guatemala	7.60	7.35	7.52	7.67	7.68	7.71	
Guinea	8,959.72	9,088.32	9,011.13	9,132.88			
Guinea-Bissau	593.08	582.07					
Guyana	206.50	206.50	207.72	208.50			
Haiti	63.34	64.77	68.03	88.87	93.49	93.35	
Honduras	22.84	23.49	23.90	24.47	24.55	24.61	
Hong Kong SAR	7.76	7.79	7.84	7.84	7.83	7.84	7.84
Hungary	281.60	274.45	270.25	287.33	295.30	302.13	299.92

US dollar exchange rates (cont)

Period averages¹

Table I3

	2016	2017	2018	Q2 19	Q3 19	Sep 2019	Oct 2019
Iceland	120.83	106.82	108.30	122.68	124.49	125.02	124.59
India	67.20	65.12	68.41	69.55	70.44	71.40	71.04
Indonesia	13,304.61	13,381.02	14,234.47	14,253.18	14,122.47	14,096.88	14,118.74
Iran	30,914.85	33,226.27	40,864.33				
Iraq	1,182.00	1,184.00	1,182.75	1,182.00			
Israel	3.84	3.60	3.59	3.60	3.53	3.52	3.52
Jamaica	125.10	127.96	128.87	131.87			
Japan	108.79	112.18	110.44	109.88	107.30	107.45	108.13
Jordan	0.71	0.71	0.71	0.71	0.71	0.71	
Kazakhstan	341.96	326.08	344.92	380.55	385.77	386.99	
Kenya	101.50	103.41	101.30	101.30	103.42	103.80	
Kiribati	1.35	1.30	1.34	1.43	1.46	1.47	
Korea	1,161.16	1,130.43	1,100.38	1,167.11	1,194.24	1,195.07	1,184.10
Kuwait	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Kyrgyz Republic	69.91	68.87	68.84	69.79	69.75	69.82	
Laos	8,179.27	8,351.53	8,489.24				
Lebanon	1,507.50	1,507.50	1,507.50	1,507.50	1,507.50	1,507.50	
Lesotho	14.71	13.32	13.23	14.39	14.68	14.85	
Liberia	94.43	112.71	144.06	180.66			
Libya	1.39	1.39	1.36	1.40			
Macao SAR	8.00	8.03	8.07	8.07	8.06	8.07	
Madagascar	3,176.54	3,116.11	3,334.75	3,609.15			
Malawi	718.01	730.27	732.33	756.97	748.56	738.37	
Malaysia	4.15	4.30	4.04	4.15	4.17	4.19	4.19
Maldives	15.37	15.39	15.39	15.39	15.37	15.38	
Mali	593.01	582.03	555.70	583.67	590.13	596.11	
Mauritania	352.37	357.94	356.78	365.83			
Mauritius	35.54	34.49	33.93	35.12	35.99	36.26	36.42
Mexico	18.68	18.92	19.24	19.13	19.43	19.57	19.34
Micronesia	1.00	1.00	1.00	1.00	1.00	1.00	
Moldova	19.92	18.50	16.80	17.93	17.75	17.76	
Mongolia	2,140.29	2,439.78	2,472.48	2,644.85			
Montenegro	0.90	0.89	0.85	0.89	0.90	0.91	
Montserrat	2.70	2.70	2.70	2.70	2.70	2.70	
Morocco	9.81	9.69	9.39	9.64			

US dollar exchange rates (cont)

Period averages¹

Table I3

	2016	2017	2018	Q2 19	Q3 19	Sep 2019	Oct 2019
Mozambique	63.06	63.58	60.33	63.27			
Myanmar	1,234.87	1,360.36	1,429.81	1,525.45	1,519.98	1,532.98	
Namibia	14.71	13.31	13.23	14.39	14.68	14.85	
Nepal	107.47	104.21	109.43	111.14			
Netherlands Antilles	1.79	1.79	1.79	1.79	1.79	1.79	
New Zealand	1.44	1.41	1.45	1.51	1.54	1.58	1.58
Nicaragua	28.62	30.05	31.55	32.92			
Niger	593.01	582.03	555.70	583.67	590.13	596.11	
Nigeria	253.49	305.79	306.08	306.95			
North Macedonia	55.68	54.67	52.10	54.71	55.28	55.85	55.72
Norway	8.40	8.27	8.13	8.65	8.86	9.02	9.15
Oman	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Pakistan	104.77	105.46	121.75	147.77	157.94	156.29	
Panama	1.00	1.00	1.00	1.00	1.00	1.00	
Papua New Guinea	3.13	3.19	3.28	3.39	3.40	3.40	
Paraguay	5,670.52	5,618.93	5,732.10	6,260.08	6,179.11	6,338.80	
Peru	3.38	3.26	3.29	3.32	3.34	3.36	3.36
Philippines	47.51	50.40	52.69	52.02	51.80	52.08	51.45
Poland	3.95	3.78	3.61	3.81	3.89	3.96	3.89
Qatar	3.64	3.64	3.64	3.64	3.64	3.64	3.64
Romania	4.06	4.05	3.94	4.22	4.26	4.31	4.30
Russia	67.07	58.34	62.79	64.56	64.64	64.90	64.32
Rwanda	787.25	831.53	861.09	892.86	904.12	907.98	
San Marino	0.90	0.89	0.85	0.89	0.90	0.91	
São Tomé and Príncipe	22,148.86	21,741.14	20,750.86	21,804.54			
Saudi Arabia	3.75	3.75	3.75	3.75	3.75	3.75	3.75
Senegal	593.01	582.03	555.70	583.67	590.13	596.11	
Serbia	111.28	107.75	100.18	104.94	105.85	106.79	106.40
Seychelles	13.32	13.65	13.91	14.01			
Sierra Leone	6,289.94	7,384.43	7,931.63				
Singapore	1.38	1.38	1.35	1.36	1.38	1.38	1.37
Solomon Islands	7.95	7.89	7.95	8.14	8.22	8.26	
South Africa	14.71	13.32	13.24	14.39	14.67	14.83	14.92
Sri Lanka	145.73	152.41	162.51	175.75	178.21	180.80	181.32
St Kitts and Nevis	2.70	2.70	2.70	2.70	2.70	2.70	

US dollar exchange rates (cont)

Period averages¹

Table I3

	2016	2017	2018	Q2 19	Q3 19	Sep 2019	Oct 2019
St Lucia	2.70	2.70	2.70	2.70	2.70	2.70	
St Vincent and the Grenadines	2.70	2.70	2.70	2.70	2.70	2.70	
South Sudan	46.73	113.65	141.39	157.57	159.21	159.76	
Sudan	6.21	6.68	24.33	45.57			
Suriname	6.23	7.49	7.46	7.46	7.46	7.46	
Sweden	8.56	8.55	8.69	9.45	9.59	9.72	9.77
Switzerland	0.99	0.98	0.98	1.00	0.99	0.99	0.99
Syria	11.23						
Tajikistan	7.84	8.55	9.15	9.44			
Tanzania	2,177.09	2,228.86	2,263.78				
Thailand	35.29	33.94	32.32	31.59	30.71	30.57	30.36
Togo	593.01	582.03	555.70	583.67	590.13	596.11	
Tonga	2.22	2.21	2.24	2.28			
Trinidad and Tobago	6.64	6.75	6.76	6.76	6.75	6.75	6.75
Tunisia	2.15	2.42	2.64	2.98			
Turkey	3.02	3.65	4.85	5.87	5.67	5.70	5.79
Turkmenistan	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Uganda	3,420.10	3,611.22	3,727.07	3,743.86	3,688.57	3,675.50	
Ukraine	25.56	26.60	27.20	26.57	25.25	24.76	24.82
United Arab Emirates	3.67	3.67	3.67	3.67	3.67	3.67	3.67
United Kingdom	0.74	0.78	0.75	0.78	0.81	0.81	0.79
United States	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uruguay	30.11	28.65	30.71	34.85	35.82	36.68	37.30
Uzbekistan	2,981.89	5,202.71	8,079.86	8,497.91	9,155.06	9,424.54	9,463.37
Vanuatu	108.48	107.82	110.17	113.87			
Venezuela	9.25	9.98					
Vietnam	21,935.00	22,370.09	22,602.05	23,036.99			
Samoa	2.56	2.55	2.59	2.64	2.67	2.69	
Yemen	214.89	214.89	214.89	214.89	214.89	214.89	
Zambia	10.31	9.52	10.46	12.78			

¹ Daily data and monthly, quarterly and annual period-end data are also publicly available.

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.⁴⁰ 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.⁴¹

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.⁴² 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.

⁴⁰ 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.

⁴¹ 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.

⁴² Basel Committee on Banking Supervision, "Guidance for national authorities operating the countercyclical capital buffer", December 2010.

Credit-to-GDP gaps¹

Table J1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
Argentina	-0.7	2.0	2.2	5.1	6.1	7.6	9.9	6.1	5.7	3.4
Australia	-4.0	2.7	-0.7	-8.2	-9.8	-8.8	-8.8	-9.8	-10.6	-11.2
Austria	-9.4	-9.5	-8.6	-9.0	-8.7	-9.3	-9.0	-8.7	-8.1	-7.1
Belgium	-4.0	-5.9	7.0	-8.2	-19.2	-8.7	-10.8	-19.2	-18.5	-18.3
Brazil	7.6	9.5	0.8	-3.1	-1.6	-4.9	-3.9	-1.6	-2.5	-1.8
Canada	5.5	16.0	14.5	9.7	8.3	9.1	7.5	8.3	7.2	6.6
Chile	14.6	19.2	10.9	1.4	5.1	0.7	2.0	5.1	4.4	6.1
China	21.1	20.8	18.3	10.7	0.7	6.8	3.8	0.7	3.1	1.5
Colombia	11.5	12.9	8.3	4.0	2.5	2.8	2.0	2.5	1.6	1.6
Czech Republic	11.3	4.4	2.8	-0.4	-0.7	-0.2	0.7	-0.7	-0.8	-1.3
Denmark	-16.8	-20.6	-23.1	-29.9	-29.7	-29.5	-28.8	-29.7	-29.6	-30.3
Finland	9.8	10.0	-3.6	-1.5	-10.1	-4.2	-6.0	-10.1	-8.6	-10.3
France	4.2	5.4	7.7	7.4	8.6	8.6	8.7	8.6	8.4	8.0
Germany	-9.1	-6.5	-4.4	-1.4	1.2	-0.2	0.9	1.2	2.1	3.6
Greece	-5.1	-11.4	-16.4	-23.4	-24.7	-25.0	-25.2	-24.7	-28.6	-29.6
Hong Kong SAR	38.6	24.5	21.1	30.3	6.7	23.5	11.9	6.7	7.6	8.3
Hungary	-18.2	-26.3	-28.0	-29.4	-26.0	-25.1	-25.7	-26.0	-25.6	-23.9
India	-3.2	-3.8	-8.4	-9.4	-7.7	-8.7	-7.8	-7.7	-6.1	-7.6
Indonesia	12.2	11.4	9.4	6.9	6.4	6.6	6.7	6.4	5.4	5.3
Ireland	-23.3	-19.5	-47.2	-89.6	-97.8	-100.2	-100.7	-97.8	-91.1	-90.7
Israel	-15.7	-14.4	-11.1	-9.2	-6.8	-6.9	-6.8	-6.8	-6.0	-5.6
Italy	-8.5	-13.6	-16.8	-18.2	-17.5	-17.9	-17.7	-17.5	-17.7	-16.8
Japan	1.9	0.3	5.0	6.5	10.0	6.9	8.4	10.0	10.5	10.7
Korea	2.1	0.7	-0.7	-2.4	0.8	-1.1	0.3	0.8	1.9	3.9
Luxembourg	-27.3	-30.7	-53.8	-27.8	-37.9	-30.8	-36.3	-37.9	-46.8	-57.3
Malaysia	7.7	9.5	8.3	3.4	5.9	6.8	6.1	5.9	5.4	4.7
Mexico	6.3	7.7	8.5	6.3	3.7	5.3	3.9	3.7	3.5	3.3
Netherlands	4.3	-3.9	-7.9	-20.5	-26.4	-22.7	-23.9	-26.4	-26.9	-27.8
New Zealand	-22.4	-18.7	-15.6	-15.6	-12.3	-14.6	-13.9	-12.3	-12.5	-11.7
Norway	-0.1	13.4	13.2	-4.0	-18.6	-11.8	-17.1	-18.6	-19.1	-17.4
Poland	0.3	-1.2	-1.1	-7.8	-9.4	-7.5	-8.2	-9.4	-10.1	-11.2
Portugal	-25.9	-36.2	-44.0	-46.5	-46.9	-47.8	-47.1	-46.9	-46.1	-44.8
Russia	8.7	7.4	-2.6	-7.0	-8.7	-7.8	-7.6	-8.7	-8.2	-8.0
Saudi Arabia	0.6	11.6	10.3	2.7	-4.5	-0.9	-2.7	-4.5	-3.8	-3.5
Singapore	23.2	19.2	12.8	9.3	5.7	1.8	5.6	5.7	5.2	6.6

Credit-to-GDP gaps¹ (cont)

Table J1

	2014	2015	2016	2017	2018	Q2 18	Q3 18	Q4 18	Q1 19	Q2 19
South Africa	-3.9	-0.6	-3.0	-3.4	-2.5	-3.0	-2.0	-2.5	-0.1	-1.0
Spain	-40.9	-49.9	-52.5	-53.3	-50.4	-50.9	-50.2	-50.4	-47.2	-47.2
Sweden	-1.3	-2.5	-8.0	-7.7	-6.7	-2.7	-3.0	-6.7	-3.7	-4.0
Switzerland	6.0	5.8	9.8	13.3	10.0	13.3	11.5	10.0	10.2	10.7
Thailand	16.1	15.5	10.8	6.7	5.5	5.5	5.0	5.5	5.0	4.3
Turkey	10.8	9.8	9.8	5.0	-1.4	5.3	10.9	-1.4	-1.8	-4.2
United Kingdom	-30.5	-28.7	-20.8	-15.7	-16.2	-17.2	-17.1	-16.2	-16.9	-15.9
United States	-14.5	-12.8	-9.4	-6.8	-6.9	-6.6	-7.0	-6.9	-7.0	-6.5
<i>Memo:</i>										
<i>Euro area</i>	-8.1	-7.6	-9.0	-11.3	-12.0	-11.0	-10.8	-12.0	-11.7	-11.0

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

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Jul 2019	Aug 2019	Sep 2019
Algeria	126.7	134.8	142.4	148.5	149.5	151.1	151.9	150.2	151.8	153.7
Argentina	188.2	249.1	310.8	417.0	542.2	601.5	660.1	631.2	655.6	693.7
Australia	112.0	113.5	115.7	117.9	118.7	119.5	120.1	120.1	120.1	120.1
Austria	110.7	111.6	114.0	116.2	117.1	118.0	118.0	117.7	117.8	118.4
Belgium	108.6	110.8	113.1	115.5	116.8	117.2	117.1	117.3	117.3	116.7
Brazil	138.4	150.5	155.7	161.4	165.2	167.3	167.8	167.7	167.9	167.9
Bulgaria	106.6	105.8	107.9	111.0	113.4	114.1	114.4	114.5	114.6	114.2
Canada	108.7	110.2	112.0	114.5	115.5	117.0	117.3	117.6	117.5	116.9
Chile	118.4	122.9	125.6	128.6	130.2	131.5	132.3	132.1	132.4	132.4
China	115.1	117.6	119.3	121.6	123.7	124.1	125.5	124.6	125.4	126.6
Croatia	107.4	106.2	107.4	109.0	108.6	110.3	109.8	109.7	109.4	110.3
Cyprus	101.7	100.3	100.8	102.3	101.8	102.9	102.1	101.7	102.1	102.6
Czech Republic	107.5	108.2	110.9	113.3	115.4	116.3	116.9	117.1	117.2	116.5
Denmark	107.1	107.4	108.6	109.5	110.0	110.4	110.5	110.9	110.5	110.2
Estonia	111.5	111.6	115.5	119.4	120.3	122.5	123.1	122.5	123.4	123.2
Finland	108.8	109.2	110.0	111.2	111.7	112.5	112.5	112.2	112.6	112.6
France	105.6	105.8	106.9	108.8	109.1	110.2	110.4	110.2	110.7	110.3
Germany	107.2	107.8	109.4	111.3	111.3	113.1	113.8	113.9	113.7	113.7
Greece	100.8	99.9	101.1	101.7	101.0	102.7	101.5	101.1	100.6	102.7
Hong Kong SAR	122.9	125.9	127.8	130.8	132.8	134.2	135.5	135.3	135.6	135.6
Hungary	111.4	111.8	114.4	117.7	119.6	121.8	122.1	122.1	122.0	122.1
Iceland	117.9	119.9	122.0	125.2	127.6	128.9	129.4	129.1	129.4	129.5
India	140.1	147.1	152.0	158.0	159.3	161.7	165.1	164.1	165.1	166.0
Indonesia	131.9	136.6	141.8	146.3	148.8	150.4	151.8	151.8	152.0	151.6
Ireland	104.7	104.7	105.1	105.6	105.6	106.9		106.8	107.3	
Israel	106.7	106.1	106.3	107.2	107.5	108.5	108.1	108.0	108.2	108.0
Italy	107.5	107.4	108.7	110.0	110.3	110.8	110.9	110.9	111.3	110.7
Japan	103.6	103.5	104.0	105.0	105.2	105.4	105.4	105.3	105.5	105.6
Korea	109.8	110.9	113.1	114.7	114.7	115.2	115.2	114.8	115.1	115.5
Latvia	107.6	107.7	110.8	113.7	115.4	117.6	117.0	116.9	117.1	117.2
Lithuania	107.6	108.6	112.6	115.7	117.0	118.8	118.5	118.4	117.9	119.0
Luxembourg	109.2	109.5	111.4	113.1	114.1	115.2	115.3	114.5	115.8	115.6
Malaysia	112.8	115.1	119.5	120.7	120.8	121.3	121.7	121.5	121.8	121.8
Malta	108.2	108.9	110.3	111.6	112.3	113.5	113.5	113.3	113.4	113.8
Mexico	119.4	122.8	130.2	136.6	140.6	140.8	141.4	141.3	141.2	141.6

Consumer price indices (cont)

Period averages; 2010 = 100

Table K1

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Jul 2019	Aug 2019	Sep 2019
Netherlands	109.2	109.5	111.0	112.9	114.4	115.7	116.8	116.7	117.2	116.5
New Zealand	107.9	108.6	110.7	112.4	113.2	113.9	114.7	114.7	114.7	114.7
North Macedonia	109.7	109.5	110.9	112.5	112.9	114.0	113.6	113.6	113.9	113.2
Norway	108.6	112.4	114.6	117.7	119.4	120.1	120.6	121.0	120.1	120.6
Peru	117.8	122.0	125.4	127.1	128.8	129.8	130.1	130.0	130.1	130.1
Philippines	115.6	117.0	120.4	126.6	128.8	129.3	130.0	129.8	130.0	130.2
Poland	108.6	107.9	110.0	112.0	112.8	114.6	114.9	114.9	114.9	114.9
Portugal	107.0	107.7	109.2	110.3	109.6	111.5	110.4	110.1	109.9	111.2
Romania	114.2	112.4	114.0	119.2	122.3	124.1	123.9	123.8	123.9	124.0
Russia	151.5	162.2	168.2	173.0	179.3	180.9	181.1	181.5	181.1	180.8
Saudi Arabia	115.7	118.1	117.1	120.0	118.2	118.2	118.7	118.5	118.6	118.8
Serbia	133.0	134.5	138.7	141.5	143.5	144.9	143.9	144.2	144.2	143.5
Singapore	113.2	112.6	113.3	113.8	114.1	114.4	114.5	114.1	114.7	114.7
Slovakia	108.7	108.2	109.6	112.3	114.2	115.3	115.8	115.6	115.9	116.0
Slovenia	105.9	105.9	107.4	109.3	109.2	111.6	111.6	111.4	111.8	111.6
South Africa	130.1	138.4	145.7	152.4	155.7	158.4	160.0	159.5	160.0	160.4
Spain	106.5	106.3	108.4	110.2	109.9	111.4	110.7	110.7	110.7	110.7
Sweden	103.6	104.6	106.5	108.6	109.3	110.6	110.9	111.0	110.6	111.1
Switzerland	98.2	97.7	98.3	99.2	99.2	100.1	99.6	99.7	99.7	99.5
Thailand	110.3	110.6	111.3	112.5	112.6	113.7	113.5	113.7	113.4	113.5
Turkey	146.1	157.4	175.0	203.5	224.1	231.1	237.1	235.0	237.0	239.4
United Arab Emirates	109.3	111.1	113.3	116.8	114.7	115.1	114.5	114.5	114.9	114.0
United Kingdom	111.8	112.5	115.6	118.4	119.3	120.5	121.1	120.6	121.2	121.3
United States	108.7	110.1	112.4	115.2	116.0	117.4	117.7	117.7	117.7	117.7
<i>Memo:</i>										
<i>Euro area</i>	<i>107.4</i>	<i>107.6</i>	<i>109.3</i>	<i>111.2</i>	<i>111.2</i>	<i>113.0</i>	<i>112.8</i>	<i>112.6</i>	<i>112.8</i>	<i>113.1</i>

L Policy rates

www.bis.org/statistics/cbpol.htm

The BIS is now releasing a data set on the monetary policy rates of 38 central banks. In undertaking this work, the BIS has collaborated closely with national central banks who advised in the selection of the policy rate(s). The data set also contains historical information on policy rates, going back to 1946 for several countries.

The BIS data set is unique in three respects. First, this is the only data set containing both current and historical data for a large number of countries. Second, central banks informed the BIS on which interest rates to be considered as policy rates. Third, as far as possible, the metadata contain information on the time lag between the announcement of the new rate and the day it becomes effective.

The data set presents the target rate, or when this is not available the traded rate, for the central bank's main policy instrument. Several central banks implement their monetary policy based on more than one interest rate. For central banks that communicate a target band, the middle of the band is shown, unless the central bank has suggested that a different rate be shown. For central banks that changed their main policy instruments during the period covered in the data set, the BIS time series show the sequence of policy instruments used to conduct monetary policy in consecutive periods. The documentation identifies the definitions and breaks for all these time series.

The choice of interest rate to be shown in the data set is less obvious for periods when monetary policy was not conducted with an interest rate instrument, for example under monetary base targeting. For these periods, the most widely referenced money-market or central bank interest rate is taken. The documentation clearly highlights the interest rates selected for these periods.

Central bank policy or representative rates

End of period¹

Table L1

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Argentina	33.001	24.750	28.750	59.252	68.155	62.688	78.372	83.264	78.372	68.002
Australia	2.000	1.500	1.500	1.500	1.500	1.250	1.000	1.000	1.000	0.750
Brazil	14.250	13.750	7.000	6.500	6.500	6.500	5.500	6.000	5.500	5.000
Canada	0.500	0.500	1.000	1.750	1.750	1.750	1.750	1.750	1.750	1.750
Chile	3.500	3.500	2.500	2.750	3.000	2.500	2.000	2.500	2.000	1.750
China	4.350	4.350	4.350	4.350	4.350	4.350	4.350	4.350	4.350	4.350
Colombia	5.750	7.500	4.750	4.250	4.250	4.250	4.250	4.250	4.250	4.250
Croatia	0.383	0.085	0.100	0.000		0.300				
Czech Republic	0.050	0.050	0.500	1.750	1.750	2.000	2.000	2.000	2.000	2.000
Denmark	-0.750	-0.650	-0.650	-0.650	-0.650	-0.650	-0.750	-0.650	-0.750	-0.750
Hong Kong SAR	0.750	1.000	1.750	2.750	2.750	2.750	2.250	2.500	2.250	2.000
Hungary	1.350	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Iceland	5.750	5.000	4.250	4.500	4.500	3.750	3.500	3.500	3.500	3.250
India	6.750	6.250	6.000	6.500	6.250	5.750	5.400	5.400	5.400	5.150
Indonesia	7.500	4.750	4.250	6.000	6.000	6.000	5.250	5.500	5.250	5.000
Israel	0.100	0.100	0.100	0.250	0.250	0.250	0.250	0.250	0.250	0.250
Japan		-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100	-0.100
Korea	1.500	1.250	1.500	1.750	1.750	1.750	1.500	1.500	1.500	1.250
Malaysia	3.250	3.000	3.000	3.250	3.250	3.000	3.000	3.000	3.000	3.000
Mexico	3.250	5.750	7.250	8.250	8.250	8.250	7.750	8.000	7.750	7.750
New Zealand	2.500	1.750	1.750	1.750	1.750	1.500	1.000	1.000	1.000	1.000
North Macedonia	3.250	3.750	3.250	2.500	2.250	2.250	2.250	2.250	2.250	2.250
Norway	0.750	0.500	0.500	0.750	1.000	1.250	1.500	1.250	1.500	1.500
Peru	3.750	4.250	3.250	2.750	2.750	2.750	2.500	2.500	2.500	2.500
Philippines	4.000	3.000	3.000	4.750	4.750	4.500	4.000	4.250	4.000	4.000
Poland	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Romania	1.750	1.750	1.750	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Russia	11.000	10.000	7.750	7.750	7.750	7.500	7.000	7.250	7.000	6.500
Saudi Arabia	2.000	2.000	2.000	3.000	3.000	3.000	2.500	2.750	2.500	2.250
Serbia	4.500	4.000	3.500	3.000	3.000	3.000	2.500	2.500	2.500	2.500
South Africa	6.250	7.000	6.750	6.750	6.750	6.750	6.500	6.500	6.500	6.500
Sweden	-0.350	-0.500	-0.500	-0.500	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250
Switzerland	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750
Thailand	1.500	1.500	1.500	1.750	1.750	1.750	1.500	1.500	1.500	1.500

Central bank policy or representative rates (continued)

End of period¹

Table L1

	2015	2016	2017	2018	Q1 19	Q2 19	Q3 19	Aug 2019	Sep 2019	Oct 2019
Turkey	7.500	8.000	8.000	24.000	24.000	24.000	16.500	19.750	16.500	14.000
United Kingdom	0.500	0.250	0.500	0.750	0.750	0.750	0.750	0.750	0.750	0.750
United States	0.375	0.625	1.375	2.375	2.375	2.375	1.875	2.125	1.875	1.625
<i>Memo:</i>										
<i>Euro area</i>	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

¹ Daily data are also publicly available. To avoid break in series and facilitate users' data management, the BIS data are building on various series and therefore cannot be considered as official national indicators.

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		