



EUROPEAN CENTRAL BANK  
EUROSYSTEM

# PRESS RELEASE

Tuesday 13 January 2015

## Euro Area Securities Issues Statistics: November 2014

*The annual rate of change of the [outstanding amount of debt securities](#) issued by euro area residents decreased from -0.7% in October 2014 to -1.1% in November. For the [outstanding amount of listed shares](#) issued by euro area residents, the annual growth rate was 1.6% in November 2014, the same as in October.*

[New issuance](#) of debt securities by euro area residents totalled EUR 472 billion in November 2014. [Redemptions](#) stood at EUR 433 billion and [net issues](#) amounted to EUR 25 billion.<sup>1</sup> The annual rate of change of [outstanding debt securities](#) issued by euro area residents decreased from -0.7% in October 2014 to -1.1% in November (see Table 1 and Charts 1 and 3).

The annual rate of change of outstanding [short-term debt securities](#) was -3.6% in November 2014, compared with -4.3% in October. For [long-term debt securities](#), the annual rate of change decreased from -0.4% in October 2014 to -0.9% in November. The annual growth rate of outstanding [fixed rate long-term debt securities](#) was 1.7% in November 2014, compared with 1.8% in October. The annual rate of change of outstanding [variable rate long-term debt securities](#) decreased from -5.1% in October 2014 to -6.1% in November (see Table 1 and Chart 3).

As regards the sectoral breakdown, the annual growth rate of outstanding [debt securities issued by non-financial corporations](#) was 5.1% in November 2014, the same as in October. For the [monetary financial institutions \(MFIs\)](#) sector, this rate of change decreased from -8.2% in

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<sup>1</sup> As a full breakdown of net issues into gross issues and redemptions is not available due to missing data, the difference between aggregated gross issues and redemptions may deviate from the aggregated net issues.

October 2014 to -8.5% in November. The annual rate of change of outstanding debt securities issued by [financial corporations other than MFIs](#) decreased from 0.4% in October 2014 to 0.0% in November. For the [general government](#), this growth rate decreased from 3.1% in October 2014 to 2.7% in November (see Table 2 and Chart 4).

The annual rate of change of outstanding [short-term debt securities issued by MFIs](#) was -4.9% in November 2014, compared with -5.6% in October. The annual rate of change of outstanding [long-term debt securities issued by MFIs](#) decreased from -8.5% in October 2014 to -9.0% in November (see Table 2).

Concerning the currency breakdown, the annual rate of change of outstanding [euro-denominated debt securities](#) decreased from -1.5% in October 2014 to -1.9% in November. For [debt securities in other currencies](#), this growth rate decreased from 5.4% in October 2014 to 5.0% in November (see Table 1).

[New issuance](#) of listed shares by euro area residents totalled EUR 10.4 billion in November 2014. [Redemptions](#) came to EUR 1.7 billion and [net issues](#) amounted to EUR 8.6 billion. The annual growth rate of the outstanding amount of [listed shares issued by euro area residents](#) (excluding valuation changes) was 1.6% in November 2014, the same as in October. The annual growth rate of listed shares issued by [non-financial corporations](#) was 0.8% in November 2014, compared with 0.9% in October. For [MFIs](#), the corresponding growth rate was 7.1% in November 2014, compared with 6.9% in October. For [financial corporations other than MFIs](#), this growth rate was 1.7% in November 2014, compared with 1.6% in October (see Table 4 and Chart 6).

The market value of the [outstanding amount of listed shares](#) issued by euro area residents totalled EUR 6,037 billion at the end of November 2014. Compared with EUR 5,567 billion at the end of November 2013, this represents an annual increase of 8.4% in the value of the stock of listed shares in November 2014, up from 5.2% in October.

*Unless otherwise indicated, data relate to non-seasonally adjusted statistics. In addition to the developments for November 2014, this press release incorporates minor revisions to the data for previous periods. Also incorporated are changes arising from the implementation of updated Guideline on monetary and financial statistics ECB/2014/15, which are described in a user guide published on the ECB's website [http://www.ecb.europa.eu/stats/pdf/users\\_guide\\_sec\\_issues\\_statistics\\_2014\\_15.pdf](http://www.ecb.europa.eu/stats/pdf/users_guide_sec_issues_statistics_2014_15.pdf). The annual growth rates are based on financial transactions that occur when an institutional unit*

*incurs or redeems liabilities, they are not affected by the impact of any other changes which do not arise from transactions.*

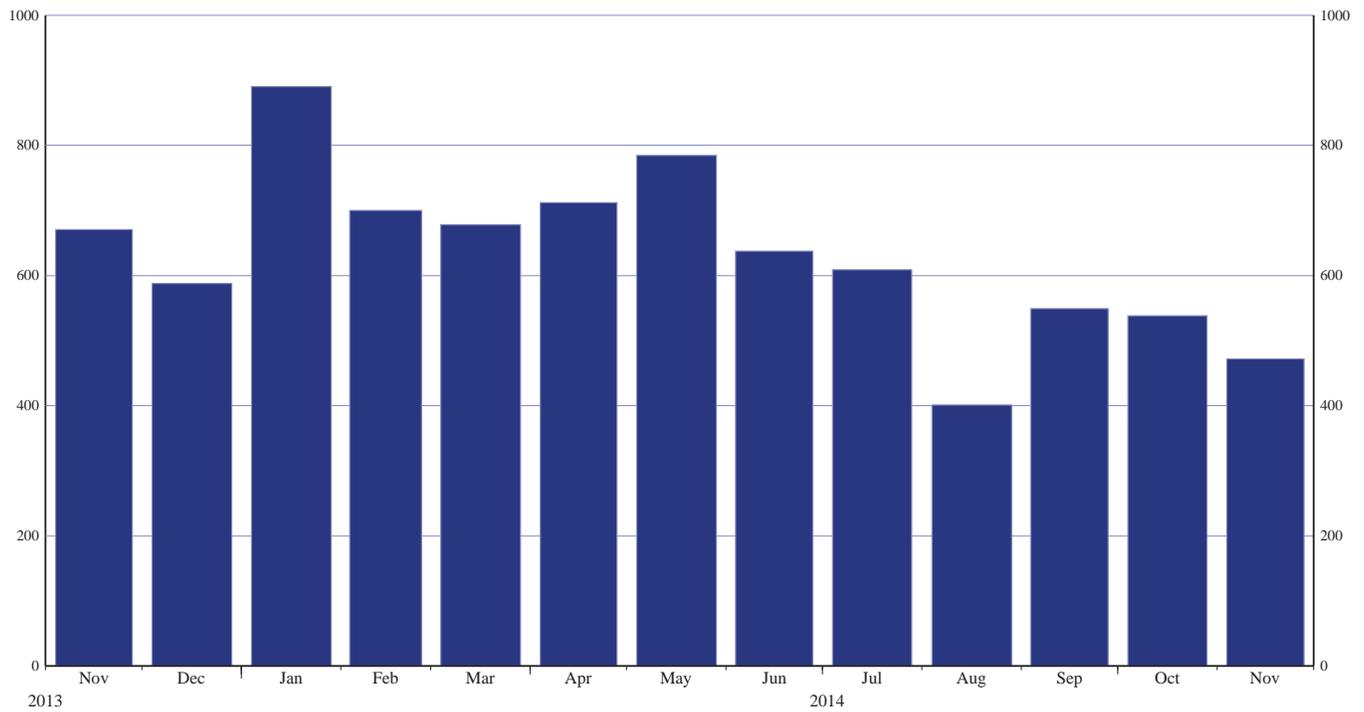
*A complete set of updated securities issues statistics is available on the "Monetary and financial statistics" pages of the Statistics section of the ECB's website <http://www.ecb.europa.eu/stats/money/securities/html/index.en.html>. These data, as well as euro area data in accordance with the composition of the euro area at the time of the reference period, can be downloaded using the ECB's Statistical Data Warehouse (SDW). The tables and charts accompanying this press release are also available in the reports section of the SDW (<http://sdw.ecb.europa.eu/reports.do?node=1000002753>).*

*The next press release on euro area securities issues will be published on 11 February 2015.*

**For media queries, please contact Stefan Ruhkamp, tel.: +49 69 1344 5057.**

# Euro Area Securities Issues Statistics Press Release

**Chart 1: Total gross issuance of debt securities by euro area residents**  
(EUR billions; transactions during the month; nominal values)



Source: ECB securities issues statistics.

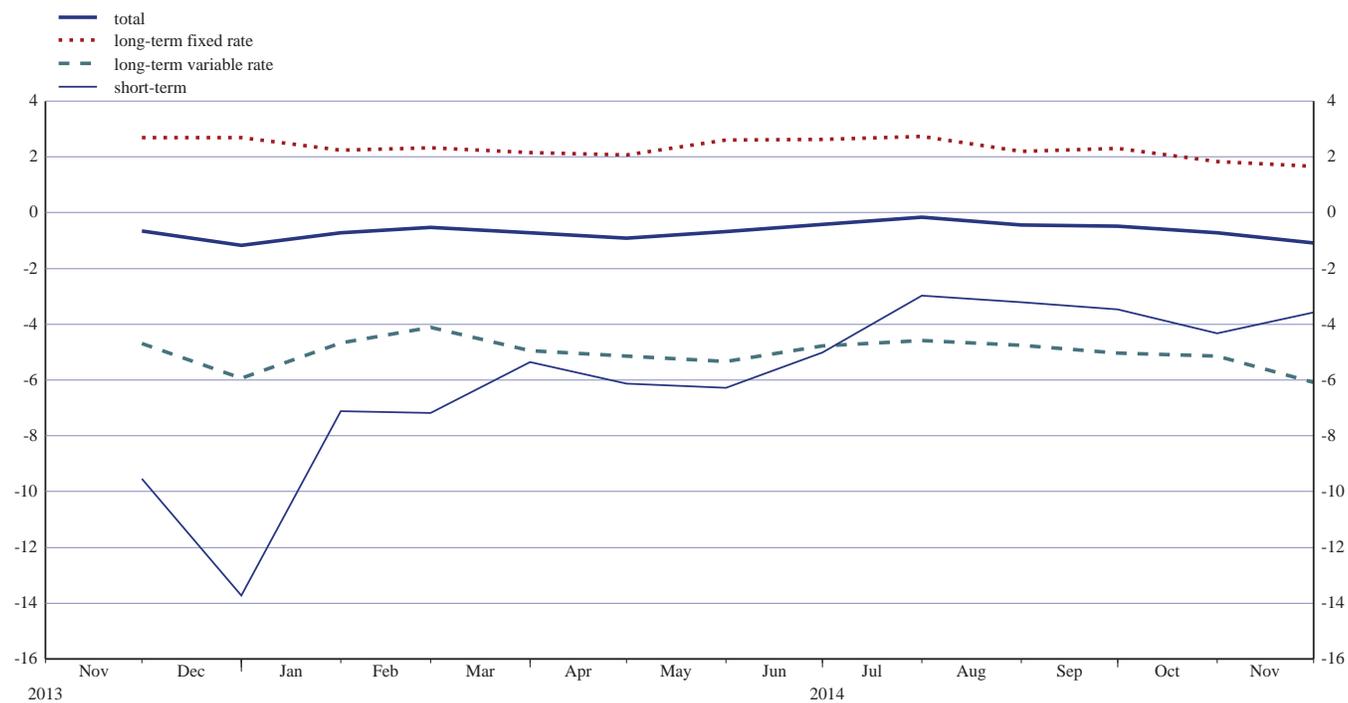
**Chart 2: Total net issuance of debt securities by euro area residents**  
(EUR billions; transactions during the month; nominal values; seasonally adjusted)



Source: ECB securities issues statistics.

## Euro Area Securities Issues Statistics Press Release

**Chart 3: Annual growth rates of debt securities issued by euro area residents, by original maturity**  
(percentage changes)



Source: ECB securities issues statistics.

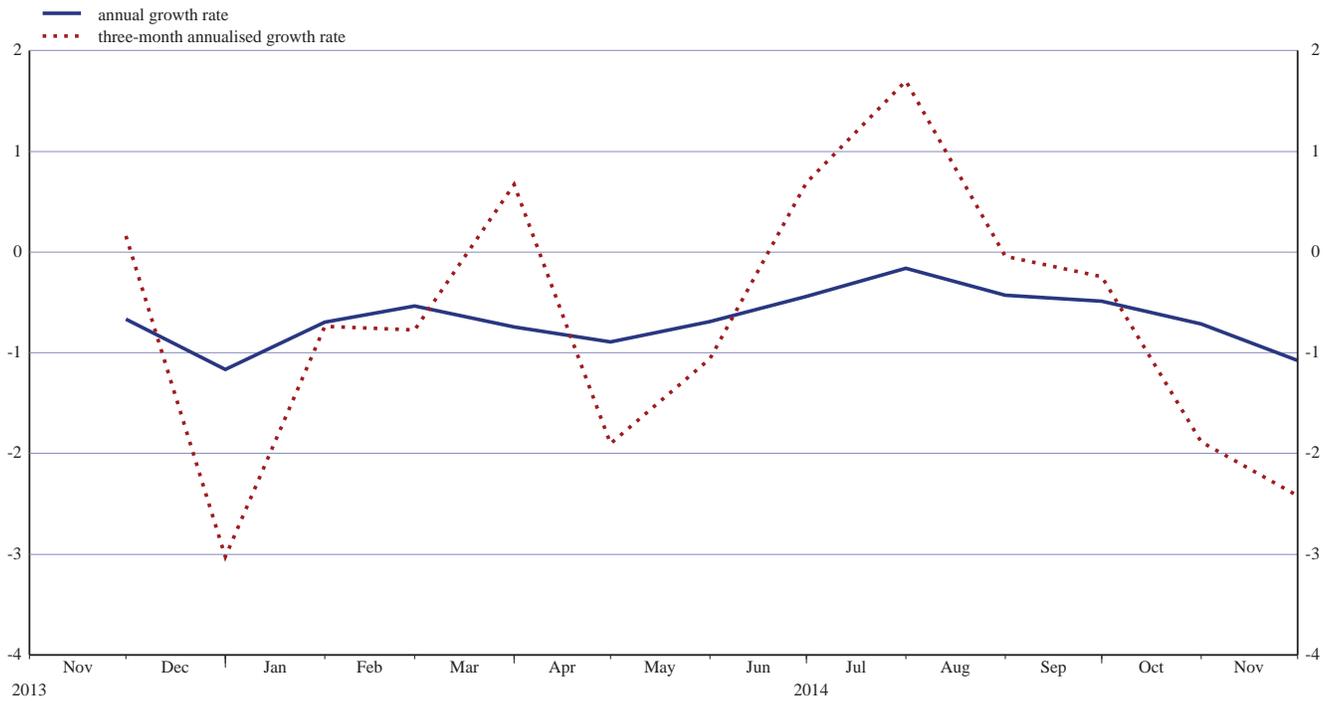
**Chart 4: Annual growth rates of debt securities issued by euro area residents, by sector**  
(percentage changes)



Source: ECB securities issues statistics.

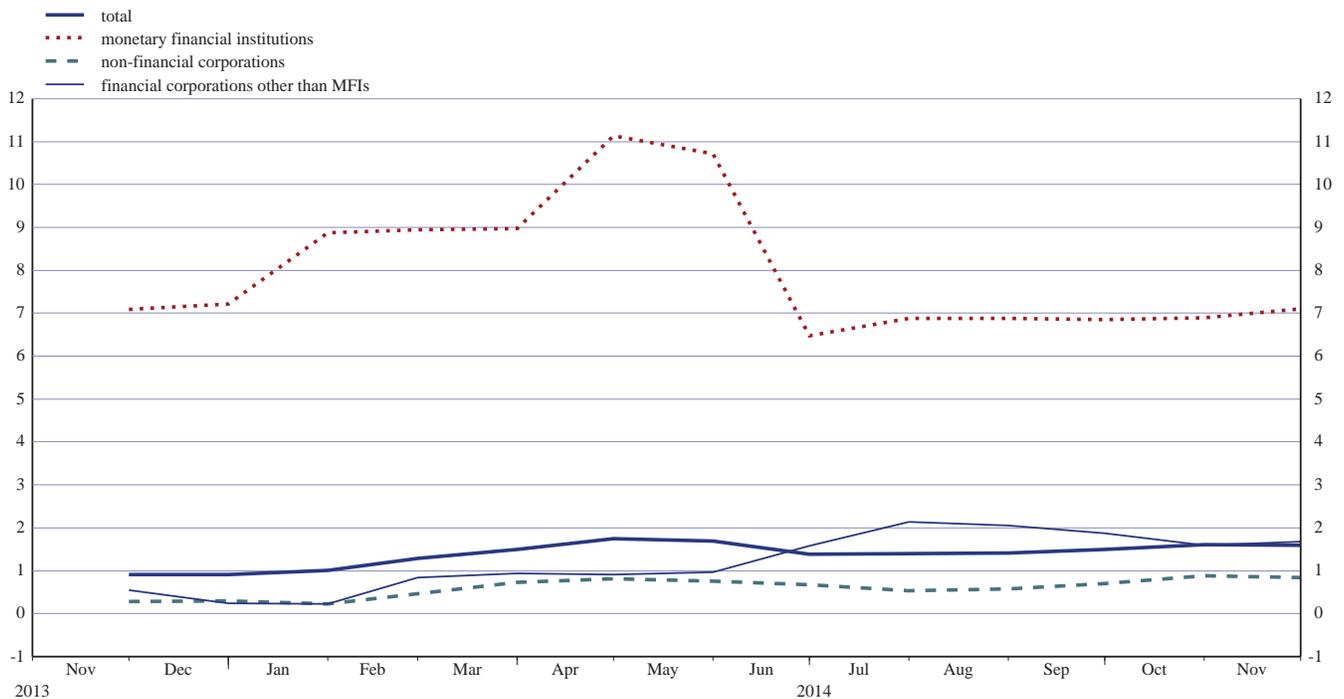
# Euro Area Securities Issues Statistics Press Release

**Chart 5: Growth rates of debt securities issued by euro area residents, seasonally adjusted**  
(percentage changes)



Source: ECB securities issues statistics.

**Chart 6: Annual growth rates of listed shares issued by euro area residents, by sector**  
(percentage changes)



Source: ECB securities issues statistics.



**Table 2 Debt securities issued by euro area residents in all currencies, by issuing sector 1) and maturity 2)**

(EUR billions; nominal values)

	Annual growth rates of outstanding amounts <sup>5)</sup>																										
	Nov. 2013					Oct. 2014					Nov. 2014																
	Amounts outstanding	Net issues <sup>3)</sup>	Gross issues	Redemptions	Net issues <sup>3)</sup>	Amounts outstanding	Gross issues	Redemptions	Net issues <sup>3)</sup>	Amounts outstanding	Gross issues	Redemptions	Net issues <sup>3)</sup>	2012	2013	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 June	2014 July	2014 Aug.	2014 Sep.	2014 Oct.	2014 Nov.		
Total	16,568.9	85.8	630.0	649.1	-14.9	16,431.5	538.5	620.6	-60.4	16,273.9	472.1	433.0	25.1	3.6	-0.2	-0.8	-0.7	-0.7	-0.4	-0.4	-0.4	-0.2	-0.5	-0.5	-0.7	-1.1	
MFIs	4,969.6	-5.8	287.5	322.9	-35.4	4,574.4	183.7	267.4	-83.8	4,501.8	184.9	207.7	-22.7	3.0	-6.9	-8.9	-8.0	-7.4	-7.1	-7.1	-7.1	-7.1	-7.1	-6.9	-8.2	-8.5	
Short-term	513.3	-10.5	221.1	233.2	-2.1	498.4	138.7	146.9	-8.2	491.1	126.9	133.3	-6.4	11.5	-18.5	-19.6	-11.5	-9.0	-7.0	-7.6	-7.6	-8.4	-5.5	-6.4	-5.6	-4.9	
Long-term	4,456.3	4.8	66.4	99.7	-33.3	4,076.0	45.0	120.5	-75.6	4,058.4	58.0	74.3	-16.3	1.9	-5.3	-7.5	-7.6	-7.2	-7.1	-7.1	-7.1	-6.9	-7.3	-7.0	-8.5	-9.0	
of which																											
Fixed rate	2,662.8	2.9	34.3	51.4	-17.1	2,459.5	26.3	65.8	-39.5	2,456.1	35.7	36.5	-0.8	4.1	-3.2	-5.0	-5.9	-6.2	-6.1	-6.1	-6.1	-5.6	-6.5	-6.3	-7.6	-7.7	
Variable rate	1,582.0	5.0	27.5	41.5	-14.0	1,426.8	14.1	49.3	-35.2	1,413.3	19.4	32.5	-13.1	-0.4	-7.6	-9.8	-8.5	-6.9	-7.6	-7.6	-6.9	-7.7	-7.8	-7.5	-9.5	-10.7	
Non-MFI corporations	4,267.0	23.2	131.1	131.3	4.1	4,347.8	119.7	105.6	35.5	4,350.3	113.7	91.0	8.7	2.6	3.1	2.8	0.7	-0.1	1.0	0.7	1.5	1.5	0.9	0.6	1.5	1.2	
of which																											
Financial corporations other than MFIs	3,268.1	16.4	76.0	80.4	-0.1	3,294.7	67.9	56.4	33.0	3,295.8	71.7	54.3	1.7	0.5	0.8	0.9	-1.5	-2.0	-0.8	-1.3	-0.3	-0.3	-1.0	-1.0	0.4	0.0	
Short-term	131.7	0.6	34.2	33.3	0.1	132.7	27.5	28.1	-3.0	133.2	27.7	26.1	0.2	1.7	23.5	14.9	-13.3	-3.6	0.8	-12.5	9.2	9.2	0.9	-2.9	1.2	0.9	
Long-term	3,136.4	15.7	41.8	47.1	-0.2	3,161.9	40.4	28.3	35.9	3,162.7	44.0	28.2	1.4	0.5	-0.1	0.4	-0.9	-1.9	-0.9	-0.7	-0.7	-0.8	-1.1	-0.9	0.4	-0.1	
of which																											
Fixed rate	1,350.0	11.1	23.5	18.7	7.1	1,466.3	20.4	9.4	19.0	1,468.4	21.2	13.5	2.6	2.0	9.6	10.1	5.9	6.3	6.9	7.4	7.4	7.3	6.5	6.5	7.0	6.3	
Variable rate	1,680.2	1.5	15.3	26.3	-10.3	1,568.2	12.7	17.6	-2.2	1,570.1	20.0	13.5	3.0	-4.8	-7.5	-5.9	-6.5	-8.8	-8.1	-8.2	-8.1	-8.1	-8.2	-8.1	-7.4	-7.3	
Non-financial corporations	998.9	6.8	55.1	50.9	4.2	1,053.1	51.7	49.3	2.5	1,054.5	41.9	36.7	7.0	10.2	11.7	9.9	8.5	6.4	7.3	7.2	7.9	7.9	7.4	5.8	5.1	5.1	
Short-term	78.3	-3.5	39.5	40.2	-0.3	72.5	36.8	34.2	-2.6	69.3	28.2	30.7	1.9	15.1	-0.7	-0.5	-6.3	-19.2	-13.7	-18.5	-12.2	-12.0	-15.5	-11.5	-5.2		
Long-term	920.6	10.3	15.7	10.7	4.6	980.7	14.9	15.1	4.6	985.2	13.8	6.0	5.1	9.7	13.1	10.5	9.9	8.9	9.3	9.7	9.8	9.8	9.3	7.8	6.6	5.9	
of which																											
Fixed rate	827.7	10.0	13.5	9.5	4.0	877.5	14.0	13.4	0.5	879.3	10.5	5.6	5.0	10.4	13.9	10.8	9.8	8.8	9.1	9.5	9.4	9.4	9.2	7.8	6.5	5.8	
Variable rate	89.0	0.0	1.9	1.2	0.7	96.6	0.9	1.7	-0.8	99.4	3.2	0.4	2.8	-0.4	5.1	11.7	12.2	12.0	10.0	10.5	12.0	12.0	9.7	6.1	6.7	9.7	
General government	7,332.3	68.3	211.4	194.9	16.3	7,509.2	235.2	247.5	-12.1	7,373.4	173.4	134.4	39.1	4.7	3.2	3.3	3.9	3.7	3.5	3.7	3.7	3.7	3.4	3.3	3.1	2.7	
of which																											
Central government	6,651.5	63.4	179.2	163.2	15.9	6,818.5	202.5	205.1	-2.4	6,858.5	160.3	120.1	40.2	3.9	3.7	4.0	4.4	4.2	3.7	4.0	4.0	3.9	3.6	3.3	3.3	2.9	
Short-term	563.4	-13.0	93.5	94.1	-0.6	563.0	101.9	116.0	-14.1	556.5	86.8	93.3	-6.5	-10.6	-2.4	-1.7	-2.4	0.3	0.9	1.5	1.7	1.7	0.0	0.6	-2.4	-1.3	
Long-term	6,088.1	76.4	85.8	69.1	16.5	6,255.5	100.5	89.1	11.7	6,301.9	73.5	26.8	46.7	5.8	4.3	4.6	5.1	4.5	4.0	4.2	4.2	4.1	3.9	3.6	3.8	3.3	
of which																											
Fixed rate	5,430.5	47.6	72.5	53.6	18.7	5,619.5	73.6	81.4	-7.5	5,665.7	68.9	22.5	46.4	5.9	4.6	4.2	4.8	4.8	4.5	4.8	4.8	4.6	4.2	4.4	4.2	4.1	
Variable rate	505.9	23.1	9.9	6.2	3.7	555.1	23.5	6.6	16.9	555.4	4.6	4.2	0.4	6.6	-1.3	6.6	12.8	11.3	13.3	11.0	14.4	14.4	11.1	14.0	8.8		
Other general government	680.8	4.9	32.2	31.7	0.4	690.7	32.7	42.4	-9.7	515.0	13.1	14.2	-1.1	13.1	-1.3	-3.1	-0.7	-1.0	1.6	0.7	0.7	1.5	1.4	3.1	1.7	0.8	
Short-term	51.8	4.2	22.3	23.3	-1.0	40.9	25.1	32.9	-7.9	16.9	7.1	7.6	-0.5	29.8	-29.7	-32.8	-13.2	-18.6	-9.1	-5.1	-13.3	-11.5	0.3	-15.4	-23.2		
Long-term	629.0	0.6	9.9	8.4	1.5	649.8	7.6	9.5	-1.9	498.1	6.0	6.7	-0.7	11.2	2.5	0.5	0.5	0.7	2.5	1.2	1.2	2.7	2.5	3.3	3.0	2.8	
of which																											
Fixed rate	455.3	-0.9	7.6	5.5	2.1	482.0	4.3	6.8	-2.5	339.8	4.7	4.0	0.7	7.3	4.1	2.6	1.9	2.5	4.5	2.9	4.4	4.4	4.6	5.9	5.1	5.5	
Variable rate	173.1	1.5	2.3	2.9	-0.6	167.2	3.3	2.7	0.7	157.7	1.3	2.6	-1.4	23.3	-0.9	-4.2	-2.7	-3.9	-2.7	-3.2	-1.8	-1.8	-3.0	-3.6	-2.6	-4.3	

Source: ECB securities issues statistics.

1) Corresponding ESA 2010 sector codes: "MFIs" (including the Eurosystem) comprises the ECB and the national central banks of the euro area (S.121), as well as deposit-taking corporations except the central bank (S.122); "financial corporations other than MFIs" comprises other financial intermediaries, except insurance corporations and pension funds (S.125), financial auxiliaries (S.126), captive financial institutions and money lenders (S.127) and insurance corporations (S.128); "non-financial corporations" (S.11); "central government" (S.131); "other general government" comprises state government (S.1312), local government (S.1313) and social security funds (S.1314).

2) The residual difference between total long-term debt securities and fixed and variable rate long-term debt securities consists of zero coupon bonds and redemption effects.

3) As a full breakdown of net issues into gross issues and redemptions may not always be available, the difference between aggregated gross issues and redemptions may deviate from the aggregated net issues.

4) Monthly averages of the transactions during this period.

5) Annual growth rates are based on financial transactions that occur when an institutional unit incurs or redeems liabilities. The annual growth rates therefore exclude the impact of reclassifications, revaluations, exchange rate variations and any other changes which do not arise from transactions.

**Table 3 Debt securities issued by euro area residents in all currencies, by issuing sector <sup>1)</sup> and maturity, seasonally adjusted**

(EUR billions; nominal values)

	Three-month annualised growth rates of outstanding amounts <sup>2)</sup>																	
	Net issues																	
	Amounts outstanding																	
	Nov. 2014	Nov. 2013	Aug. 2014	Sep. 2014	Oct. 2014	Nov. 2014	Dec. 2013	2014 Jan.	2014 Feb.	2014 Mar.	2014 Apr.	2014 May	2014 June	2014 July	2014 Aug.	2014 Sep.	2014 Oct.	2014 Nov.
Total	16,241.1	8.4	-29.3	19.6	-68.9	-51.8	-3.0	-0.7	-0.8	0.7	-1.9	-1.1	0.7	1.7	0.0	-0.2	-1.9	-2.4
Short-term	1,268.3	-23.3	-7.6	-20.1	-29.7	-12.0	-28.5	-6.0	6.5	28.5	0.3	-7.7	-2.2	5.6	6.2	-3.5	-15.8	-16.8
Long-term	14,972.9	31.7	-21.7	39.7	-39.2	-39.8	-0.4	-0.3	-1.4	-1.4	-2.1	-0.4	1.0	1.4	-0.6	0.0	-0.6	-1.0
MFIs	4,552.4	-16.4	-23.2	-12.5	-79.4	-32.7	-7.0	-5.0	-7.5	-7.1	-10.3	-8.5	-6.7	-8.0	-8.0	-6.7	-9.4	-10.2
Short-term	496.4	-15.3	4.1	-12.6	-5.7	-10.0	-37.6	-5.3	11.3	34.0	-9.1	-14.8	2.2	2.3	7.7	9.9	-10.4	-19.9
Long-term	4,056.0	-1.2	-27.4	0.1	-73.7	-22.6	-2.6	-4.9	-9.5	-11.0	-10.5	-7.7	-7.8	-9.2	-9.8	-6.3	-9.3	-8.9
Non-MFI corporations of which	4,342.4	-1.8	-10.0	9.4	19.9	-14.6	-7.7	-2.1	-1.2	3.0	-4.8	-0.4	3.3	11.8	5.1	4.1	1.8	1.4
Financial corporations other than MFIs	3,291.7	-8.3	-15.4	13.2	19.6	-21.2	-11.2	-5.7	-3.5	1.7	-5.7	-1.0	2.6	11.8	3.2	3.6	2.1	1.4
Short-term	141.8	0.9	-11.2	-1.7	-1.2	-0.1	-63.0	-41.6	-19.2	155.3	78.8	14.1	-46.8	50.5	23.1	77.3	-31.6	-8.0
Long-term	3,149.9	-9.2	-4.2	14.8	20.8	-21.1	-7.9	-3.8	-2.7	-2.2	-8.2	-1.6	5.6	10.2	2.4	1.2	4.1	1.9
Non-financial corporations	1,050.7	6.4	5.5	-3.7	0.3	6.6	4.9	10.3	6.7	7.4	-2.0	1.3	5.3	11.9	11.3	5.6	0.8	1.2
Short-term	70.2	-2.2	0.0	-3.3	2.5	3.2	-38.5	-1.1	-16.9	-2.5	-46.2	-40.4	-22.2	20.2	44.0	8.7	-4.4	13.9
Long-term	980.4	8.6	5.5	-0.4	-2.2	3.3	9.8	11.3	8.9	8.3	2.8	5.4	7.7	11.3	9.3	5.4	1.2	0.3
General government of which	7,346.4	26.7	3.9	22.6	-9.4	-4.5	2.7	3.1	4.2	4.8	5.9	3.7	4.2	2.7	2.4	1.6	0.9	0.5
Central government	6,831.4	22.8	-2.4	13.9	1.8	-2.0	2.8	3.2	4.1	5.1	6.5	4.7	4.6	2.7	1.9	0.9	0.8	0.8
Short-term	543.4	-10.7	-3.4	-4.5	-14.9	-4.3	-6.6	-2.3	11.4	8.6	6.5	1.9	11.1	2.4	-1.1	-9.3	-15.1	-15.7
Long-term	6,287.9	33.5	1.0	18.4	16.7	2.3	3.7	3.7	3.5	4.8	6.5	5.0	4.0	2.7	2.2	1.8	2.3	2.4
Other general government	515.0	3.9	6.3	8.7	-11.2	-2.5	1.3	2.6	5.3	1.3	-0.6	-5.9	0.9	2.9	7.3	8.6	2.3	-2.5
Short-term	16.4	4.0	2.9	1.9	-10.3	-0.8	4.9	83.5	26.1	40.0	-19.0	-26.5	1.4	-41.1	-12.5	-32.8	-40.1	-57.2
Long-term	498.6	-0.1	3.4	6.8	-0.9	-1.7	1.1	-2.1	3.7	-1.3	1.1	-4.0	0.9	7.3	9.0	12.9	6.0	2.7

Source: ECB securities issues statistics.

1) Corresponding ESA 2010 sector codes: "MFIs" (including the Eurosystem) comprises the ECB and the national central banks of the euro area (S.121), as well as deposit-taking corporations except the central bank (S.122); "financial corporations other than MFIs" comprises other financial intermediaries, except insurance corporations and pension funds (S.125), financial auxiliaries (S.126), captive financial institutions and money lenders (S.127) and insurance corporations (S.128); "non-financial corporations" (S.11); "central government" (S.1311); "other general government" comprises state government (S.1312), local government (S.1313) and social security funds (S.1314).  
2) Three-month annualised growth rates are based on financial transactions that occur when an institutional unit incurs or redeems liabilities. The three-month annualised growth rates therefore exclude the impact of reclassifications, revaluations, exchange rate variations and any other changes which do not arise from transactions. The rates are annualised to allow direct comparisons with annual rates (please note that the non-adjusted rates presented in Table 2 are almost identical to seasonally adjusted annual rates).

**Table 4 Listed shares issued by euro area residents, by issuing sector 1)**  
(EUR billions; market values)

	Annual growth rates of outstanding amounts 4)																											
	Nov. 2013						Dec. 2013 - Nov. 2014 2)						Nov. 2014															
	Amounts outstanding	Net issues	Gross issues	Redemptions	Net issues	Amounts outstanding	Gross issues	Redemptions	Net issues	Annual percentage change in market capitalisation 3)	Amounts outstanding	Gross issues	Redemptions	Net issues	Annual percentage change in market capitalisation 3)	2012	2013	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 June	2014 July	2014 Aug.	2014 Sep.	2014 Oct.	2014 Nov.	
Total	5,567,5	8,7	10,1	3,7	7,7	5,762,0	3,4	2,2	1,1	5,2	6,036,6	10,4	1,7	8,6	8,4	1,2	0,7	0,8	1,2	1,6	1,4	1,4	1,4	1,4	1,4	1,5	1,6	1,6
MFIs	562,7	0,8	3,6	0,0	3,6	611,5	0,4	0,0	0,4	9,8	628,3	2,1	0,0	2,1	11,6	7,8	5,2	7,4	8,6	9,8	6,8	6,5	6,9	6,9	6,9	6,9	6,9	7,1
Non-MFI corporations of which	5,004,7	7,9	6,5	3,6	4,1	5,150,5	3,1	2,2	0,7	4,7	5,408,3	8,3	1,7	6,5	8,1	0,5	0,3	0,2	0,4	0,8	0,8	0,8	0,8	0,8	0,8	0,9	1,0	1,0
Financial corporations other than MFIs	723,4	-0,2	0,5	0,6	1,0	763,1	0,0	0,8	-0,9	7,1	796,6	1,0	0,5	0,4	10,1	2,7	1,4	0,5	0,6	1,0	2,0	1,6	2,1	2,1	1,9	1,6	1,7	
Non-financial corporations	4,281,4	8,1	6,1	3,0	3,1	4,387,4	3,0	1,4	1,6	4,3	4,611,7	7,3	1,2	6,1	7,7	0,3	0,2	0,2	0,4	0,8	0,6	0,7	0,5	0,6	0,7	0,9	0,8	

Source: ECB securities issues statistics.

1) Corresponding ESA 2010 sector codes: "MFIs" (including the Eurosystem) comprises the ECB and the national central banks of the euro area (S.121), as well as deposit-taking corporations except the central bank (S.122); "financial corporations other than MFIs" comprises other financial intermediaries, except insurance corporations and pension funds (S.125), financial auxiliaries (S.126), captive financial institutions and money lenders (S.127) and insurance corporations (S.128); "non-financial corporations" (S.11).

2) Monthly averages of the transactions during this period.

3) Percentage change between the amount outstanding at the end of the month and the amount outstanding 12 months earlier.

4) Annual growth rates are based on transactions that occur during the period and therefore exclude reclassifications and any other changes which do not arise from transactions.