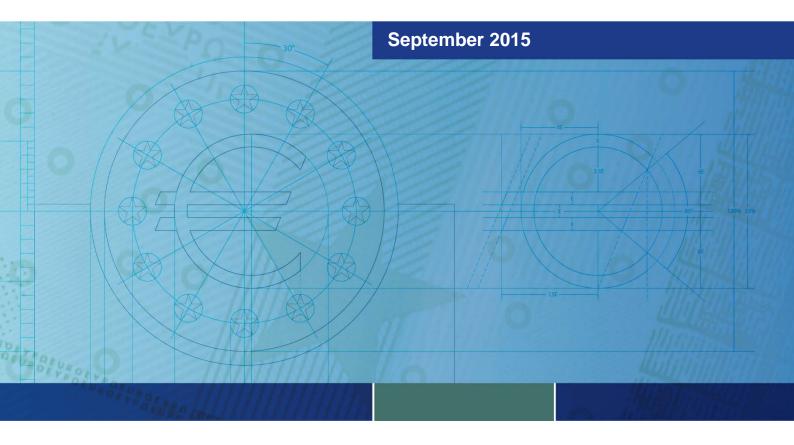


Euro money market survey



Contents

I Breakdown,	by country,	of participating	banks in 2015
--------------	-------------	------------------	---------------

1.1 Number of participating banks per country

2 Summary of cross-market analysis

- 2.1 Turnover analysis
- 2.2 Maturity analysis
- 2.3 Market structure
- 2.4 Qualitative assessment and development of the market structure
- 2.5 Perception of trading changes caused by changes to the risk limits in the reporting period

3 The unsecured market

- 3.1 Turnover analysis
- 3.2 Maturity analysis
- 3.3 Market structure
- 3.4 Qualitative assessment and development of the market structure

4 The secured market

- 4.1 Total secured market: turnover analysis
- 4.2 Total secured market: maturity analysis
- 4.3 Total secured market: market structure
- 4.4 Bilateral repos, including central counterparty (CCP) transactions: turnover analysis
- 4.5 Bilateral repos, including central counterparty (CCP) transactions: maturity analysis
- 4.6 Bilateral repos, including central counterparty (CCP) transactions: market structure
- 4.7 Triparty repos: turnover analysis
- 4.8 Triparty repos: maturity analysis
- 4.9 Total secured market: qualitative assessment and development of the market structure

5 The short-term securities market

- 5.1 Turnover analysis in the secondary market
- 5.2 Qualitative assessment and development of the market structure

6 The over-the-counter derivatives market

- 6.1 Over-the-counter (OTC) derivatives: turnover analysis
- 6.2 Overnight index swaps (OISs): turnover analysis
- 6.3 Overnight index swaps (OISs): qualitative assessment and development of the market structure
- 6.4 Other interest rate swaps (IRSs): turnover analysis
- 6.5 Other interest rate swaps (IRSs): qualitative assessment and development of the market structure
- 6.6 Forward rate agreements (FRAs): turnover analysis
- 6.7 Forward rate agreements (FRAs): qualitative assessment and development of the market structure
- 6.8 Foreign exchange (FX) swaps and forwards: turnover analysis
- 6.9 Foreign exchange (FX) swaps and forwards: qualitative assessment and development of the market structure
- 6.10 Cross-currency swaps (Xccy swaps): turnover analysis
- 6.11 Cross-currency swaps (Xccy swaps): qualitative assessment and development of the market structure
- 6.12 Options and futures: qualitative assessment and development of the market structure

Annexes

Annex 1 Credit institutions participating in the ECB's 2015 Euro Money Market Survey

Annex 2 Coordination of the ECB's 2015 Euro Money Market Survey

1 BREAKDOWN, BY COUNTRY, OF PARTICIPATING BANKS IN 2015 1.1 NUMBER OF PARTICIPATING BANKS PER COUNTRY

	Number of banks
BELGIUM	3
BULGARIA	3
CZECH REPUBLIC	6
DENMARK	1
GERMANY	16
ESTONIA	1
IRELAND	6
GREECE	5
SPAIN	11
FRANCE	9
ITALY	8
CYPRUS	2
LATVIA	3
LITHUANIA	3
LUXEMBOURG	2
HUNGARY	3
MALTA	5
NETHERLANDS	5
AUSTRIA	6
POLAND	11
PORTUGAL	10
ROMANIA	3
SLOVENIA	3
SLOVAKIA	2
FINLAND	2
SWEDEN	3
UNITED KINGDOM	15
SWITZERLAND	2
TOTAL	149

Note: A detailed list of participating banks can be found in Annex I. Countries are listed in Protocol order, i.e. the alphabetical order of the country names in the respective national language.

2 SUMMARY OF CROSS-MARKET ANALYSIS 2.1 TURNOVER ANALYSIS

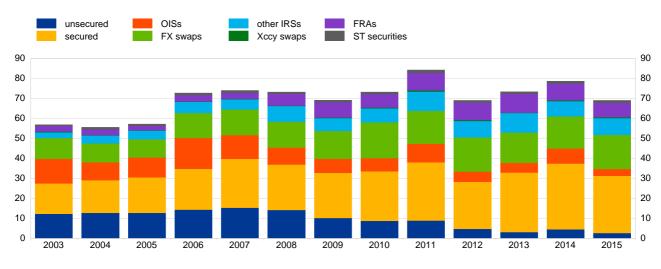
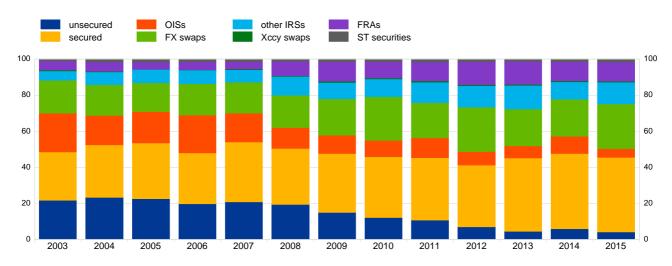


Chart 1 Cumulative quarterly turnover in the euro money market (EUR trillion)

Note: The panel comprised 98 credit institutions.





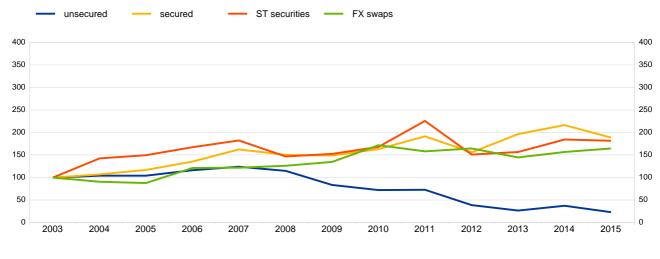
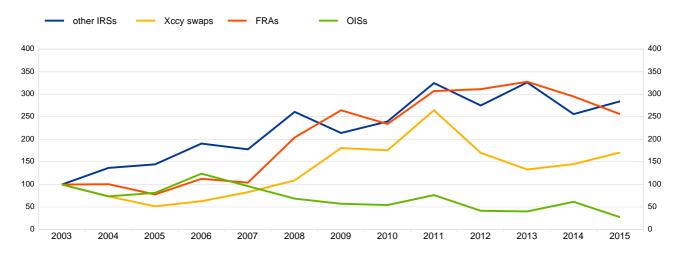


Chart 3 Cumulative quarterly turnover in various money market segments (index: total segment volume in 2003 = 100)

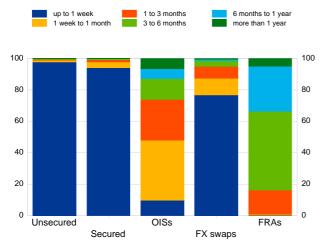
Note: The panel comprised 98 credit institutions.





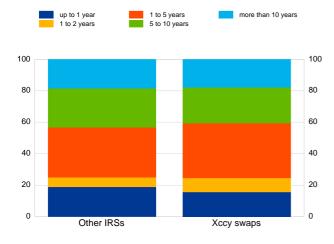
2.2 MATURITY ANALYSIS

Chart 5 Maturity breakdown for various money market segments in 2014 (percentages of total)



Note: The panel comprised 149 credit institutions

Chart 7 Maturity breakdown for various money market segments in 2014 (percentages of total)



Note: The panel comprised 149 credit institutions.

Chart 6 Maturity breakdown for various money market segments in 2015 (percentages of total)

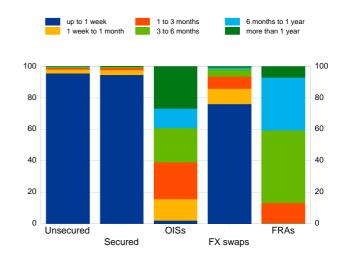
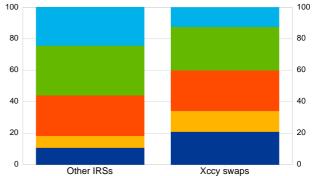


Chart 8 Maturity breakdown for various money market segments in 2015 (percentages of total)





2.3 MARKET STRUCTURE

Table 1 Concentration of unsecured market activity in 2015

(percentages of total)

	Lending	Borrowing
Top 5 credit institutions	62.1	29.8
Top 10 credit institutions	81.0	47.7
Top 20 credit institutions	91.7	71.4

Table 2 Concentration of secured market activity in 2015 (percentages of total)

	Bilateral reverse repos	Bilateral repos	Bilateral reverse repos, CCPs onlv	repos,	Triparty reverse repos	1.0.7	Total reverse repos	Total repos
Top 5 credit institutions	39.0	36.2	44.9	41.8	72.0	54.5	38.2	35.9
Top 10 credit institutions	62.5	60.3	70.6	69.5	90.3	87.9	-	59.1
Top 20 credit institutions	87.0	83.4	91.9	88.6	99.7	98.3	86.3	83.0

Table 3 Concentration of activity in OTC derivatives and short-term securities in 2015 (percentages of total)

	ST securities	OISs	Other IRSs	FRAs	FX swaps	Xccy swaps
Top 5 credit institutions Top 10 credit institutions	50.9 74.5	54.9 80.1	77.7 88.0	72.8 89.3	37.6 57.4	61.6 84.2
Top 20 credit institutions	92.3	95.4	96.0	99.3	84.1	95.3

Note: For Tables 1, 2 and 3, the panel comprised 149 credit institutions.

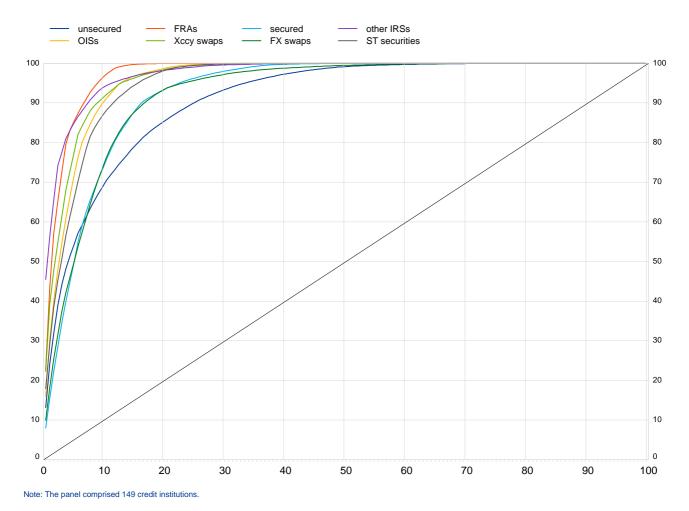


Chart 9 Lorenz curve: concentration of activity in various market segments in 2015 (x axis: percentage of market participants; y axis: percentage of activity)

2.4 QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MONEY MARKET STRUCTURE

Chart 10 Is the euro money market (i.e. the different segments) efficient? (percentages of total)

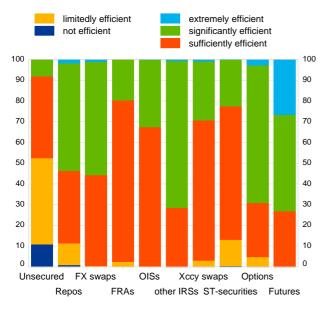
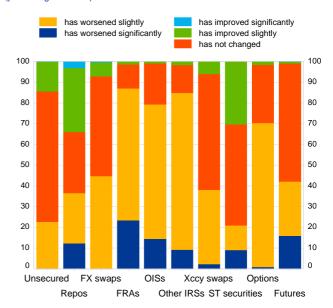
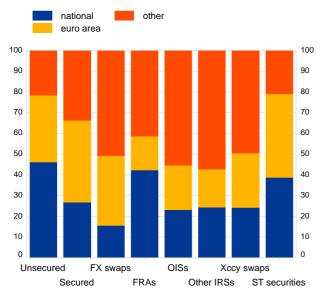


Chart 11 Has the market liquidity in the euro money market changed with respect to last year? (percentages of total)



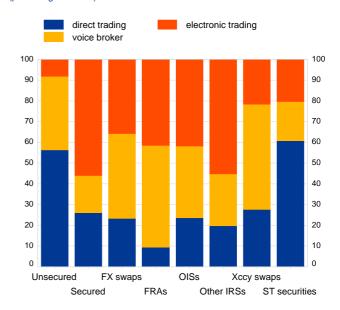
Note: The panel comprised 149 credit institutions.

Chart 12 Counterparty structure of various money market segments in 2015 (percentages of total)



Note: The panel comprised 149 credit institutions.

Chart 13 Trading structure of various money market segments in 2015 (percentages of total)



$2.5\ {\rm PERCEPTION}\ {\rm OF}\ {\rm TRADING}\ {\rm CHANGES}\ {\rm CAUSED}\ {\rm BY}\ {\rm CHANGES}\ {\rm TO}\ {\rm THE}\ {\rm RISK}\ {\rm LIMITS}\ {\rm IN}\ {\rm THE}\ {\rm REPORTING}\ {\rm PERIOD}$

Table 4 Perceived impact of limit changes on turnover

(number of banks)

	2014					2015				
	Will		Will	No opinion	Total	Will	Will	Will		Total
	contract	not change	expand			contract	not change	expand		
Contracted	11	6	0	0	17	13	10	1	0	24
Has not changed	6	94	12	0	112	8	99	4	0	111
Expanded	1	4	12	0	17	1	3	6	0	10
No opinion	0	0	0	3	3	0	0	0	4	4
Total	18	104	24	3	149	22	112	11	4	149

Table 5 Perceived impact of limit changes on turnover (percentages of turnover reported)

		2014					2015			
	Will contract		Will expand	No opinion	Total	Will contract	Will not change	Will expand		Total
Contracted Has not changed Expanded No opinion	3.0 6.3 0.3 0.0	0.1 76.2 0.1 0.0	0.0 1.9 12.2 0.0	0.0 0.0 0.0 0.0	3.1 84.4 12.6 0.0	3.4 2.6 0.0 0.0	2.7 83.4 0.0 0.0	0.0 0.1 3.3 0.0	0.0 0.0 0.0 4.6	6.0 86.1 3.3 4.6
Total	9.5	76.4	14.1	0.0	100.0	5.9	86.1	3.4	4.6	100.0

Table 6 Perceived impact of limit changes on the number of participants (number of banks)

	2014					2015				
	Will	Will	Will	No opinion	Total	Will	Will	Will	No opinion	Total
	contract	not change	expand			contract	not change	expand		
Contracted	11	9	1	0	21	13	13	1	0	27
Has not changed	6	89	15	0	110	6	97	7	0	110
Expanded	0	2	12	0	14	0	1	7	0	8
No opinion	0	0	0	4	4	0	0	0	4	4
Total	17	100	28	4	149	19	111	15	4	149

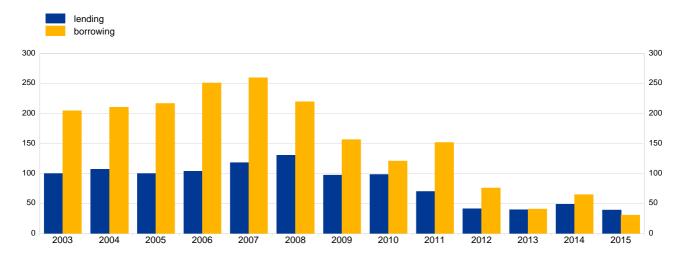
Table 7 Perceived impact of limit changes on the number of participants

(percentages of turnover reported)

	2014					2015				
	Will	Will	Will	No opinion	Total	Will	Will	Will	No opinion	Total
	contract	not change	expand			contract	not change	expand		
Contracted	2.4	0.2	0.0	0.0	2.6	3.0	2.8	0.0	0.0	5.7
Has not changed	5.9	76.2	3.0	0.0	85.1	1.0	84.7	2.2	0.0	87.9
Expanded	0.0	0.0	12.2	0.0	12.3	0.0	0.0	1.8	0.0	1.8
No opinion	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	4.6
Total	8.3	76.4	15.3	0.0	100.0	4.0	87.5	4.0	4.6	100.0

3 THE UNSECURED MARKET 3.1 TURNOVER ANALYSIS

Chart 14 Cumulative quarterly turnover in unsecured cash lending and borrowing (index: cash lending volume in 2003 = 100)



3.2 MATURITY ANALYSIS

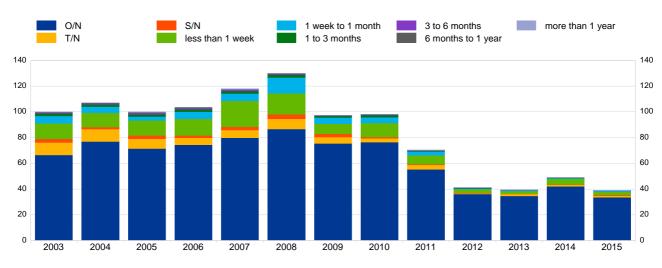


Chart 15 Cumulative quarterly turnover in unsecured cash lending

(index: cash lending volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.

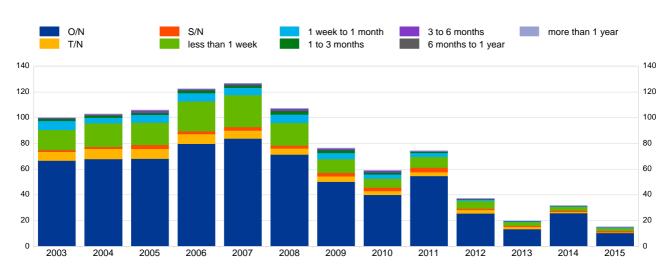


Chart 16 Cumulative quarterly turnover in unsecured cash borrowing (index: cash borrowing volume in 2003 = 100)

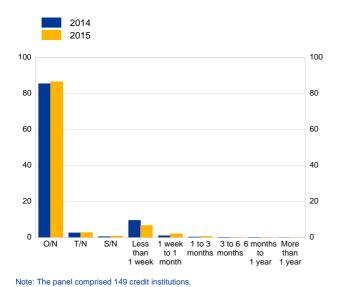


Chart 17 Breakdown, by maturity, of cumulative quarterly turnover in unsecured lending (percentages of total)

Chart 19 Maturity-weighted breakdown of cumulative quarterly turnover in unsecured lending (percentages of total)

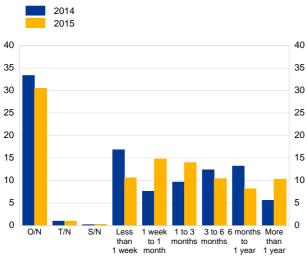


Chart 18 Breakdown, by maturity, of cumulative quarterly turnover in unsecured borrowing (percentages of total)

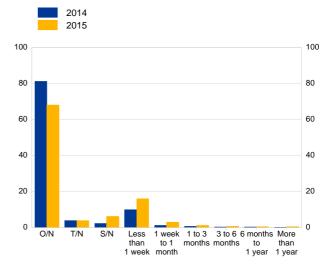
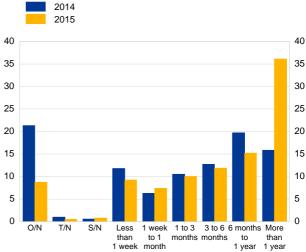


Chart 20 Maturity-weighted breakdown of cumulative quarterly turnover in unsecured borrowing (percentages of total)

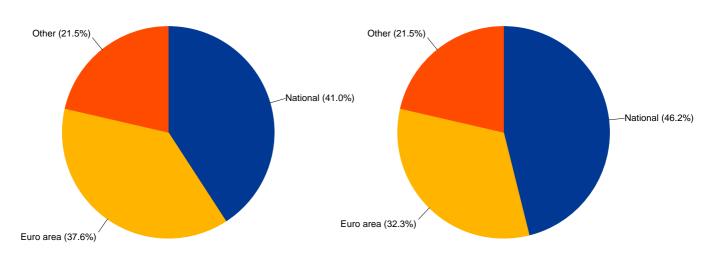


Note: The panel comprised 149 credit institutions.

2014

3.3 MARKET STRUCTURE

Chart 21 Breakdown, by geographical counterparty, of the unsecured market in 2014 (percentages of total) Chart 22 Breakdown, by geographical counterparty, of the unsecured market in 2015 (percentages of total)



3.4 QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

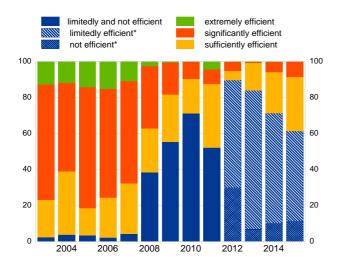
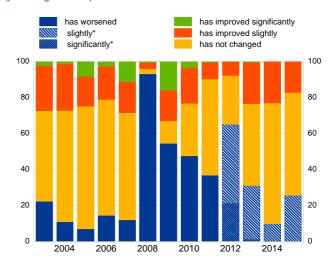


Chart 23 Is the unsecured market efficient? (percentages of total)





* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 25 Counterparty structure of unsecured transactions (percentages of total)

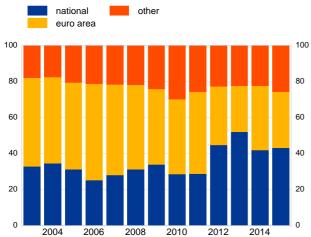
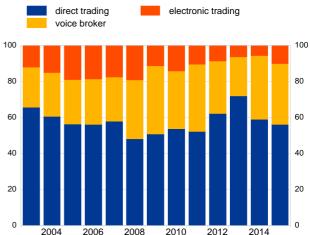
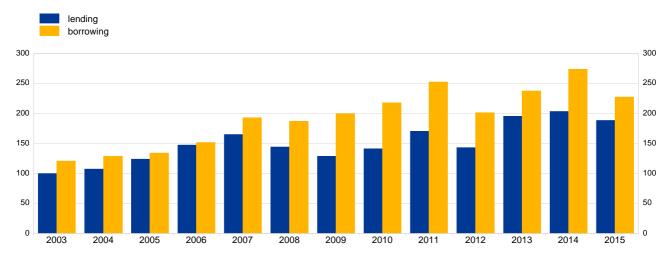


Chart 26 Trading structure of unsecured transactions (percentages of total)



4 THE SECURED MARKET 4.1 TOTAL SECURED MARKET: TURNOVER ANALYSIS

Chart 27 Cumulative quarterly turnover in secured cash lending and borrowing (index: cash lending volume in 2003 = 100)



Note: The panel comprised 98 credit institutions.

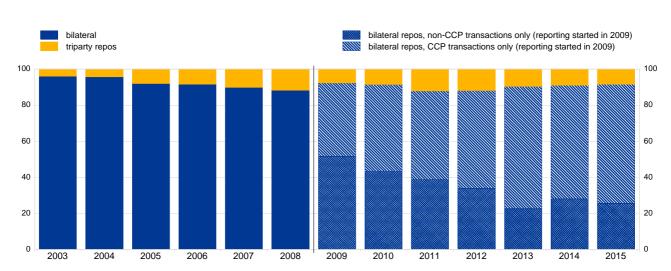


Chart 28 Breakdown of total secured market (percentages of total)

4.2 TOTAL SECURED MARKET: MATURITY ANALYSIS

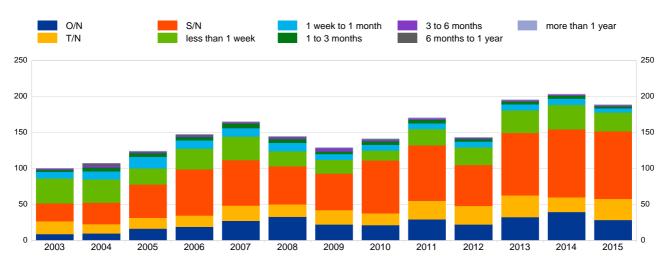
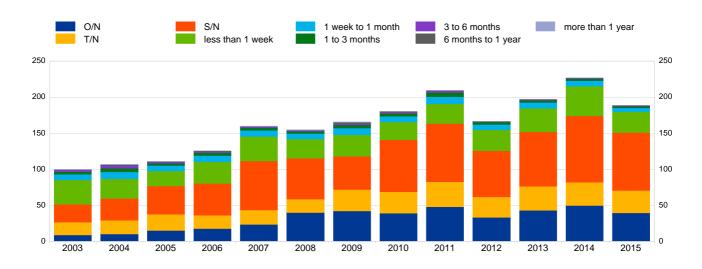


Chart 29 Cumulative quarterly turnover in secured cash lending

(index: secured cash lending volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.

Chart 30 Cumulative quarterly turnover in secured cash borrowing (index: secured cash borrowing volume in 2003 = 100)



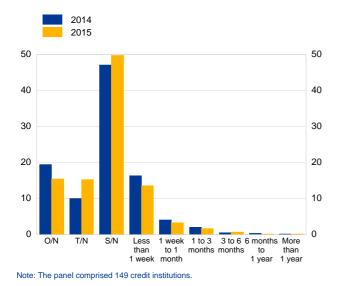


Chart 31 Breakdown, by maturity, of cumulative quarterly turnover in secured lending (percentages of total)

Chart 33 Maturity-weighted breakdown of cumulative quarterly turnover in secured lending (percentages of total)

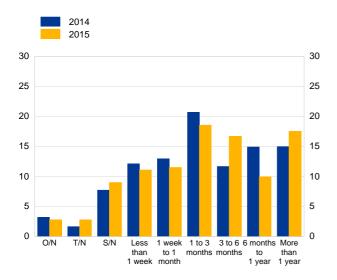


Chart 32 Breakdown, by maturity, of cumulative quarterly turnover in secured borrowing (percentages of total)

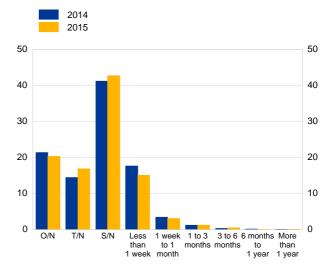
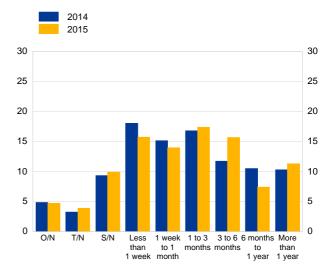
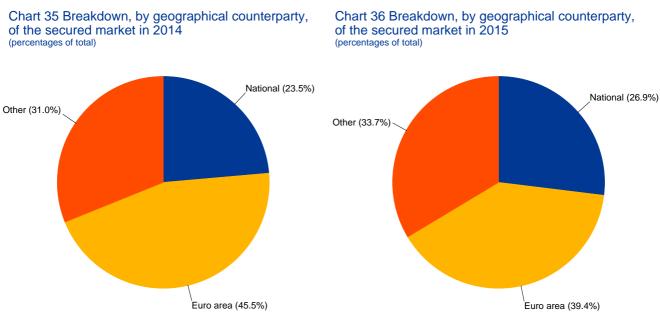


Chart 34 Maturity-weighted breakdown of cumulative quarterly turnover in secured borrowing (percentages of total)



4.3 TOTAL SECURED MARKET: MARKET STRUCTURE



4.4 BILATERAL REPOS, INCLUDING CCP TRANSACTIONS: TURNOVER ANALYSIS

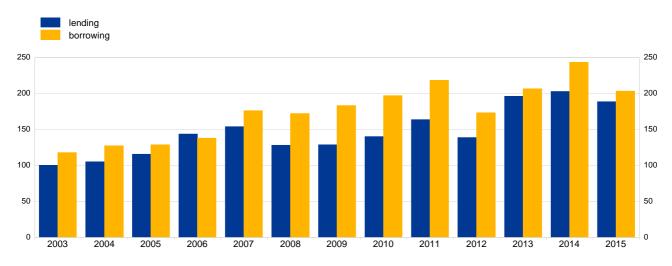


Chart 37 Cumulative quarterly turnover in bilateral repo cash lending and borrowing (index: cash lending volume in 2003 = 100)

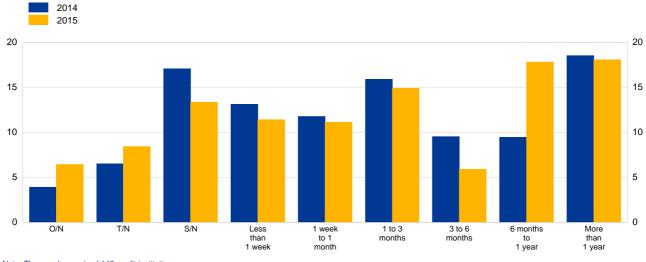
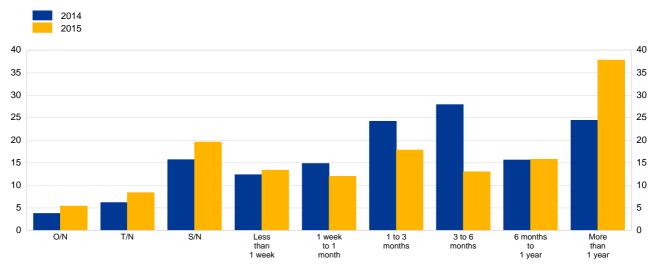


Chart 38 Quarterly turnover in bilateral repo lending that is indexed to a floating rate (percentages of total volume in the maturity bucket)

Note: The panel comprised 149 credit institutions.





4.5 BILATERAL REPOS, INCLUDING CCP TRANSACTIONS: MATURITY ANALYSIS

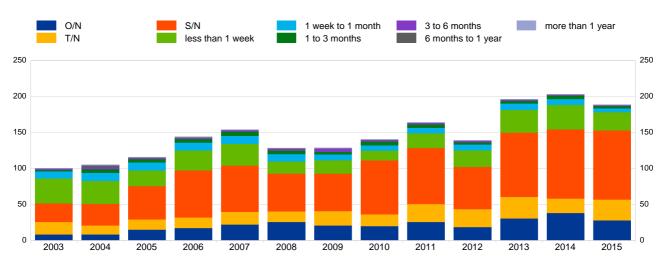
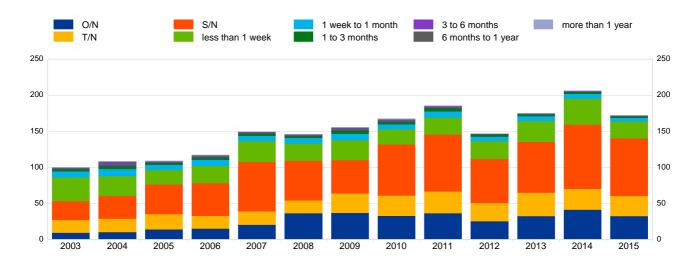


Chart 40 Cumulative quarterly turnover in bilateral repo lending

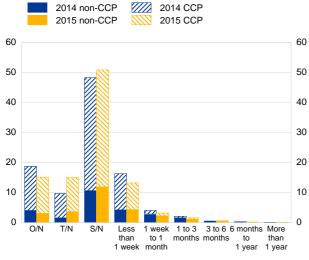
(index: bilateral repo lending volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.









Note: The panel comprised 149 credit institutions

Chart 44 Maturity-weighted breakdown of cumulative quarterly turnover in bilateral repo lending (percentages of total)

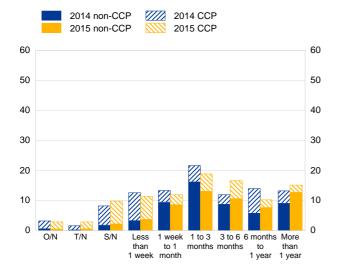


Chart 43 Breakdown, by maturity, of cumulative quarterly turnover in bilateral repo borrowing (percentages of total)

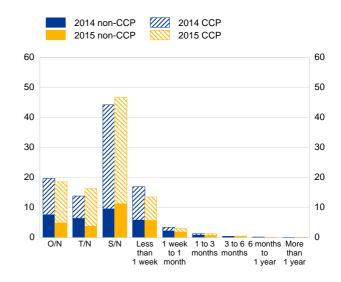
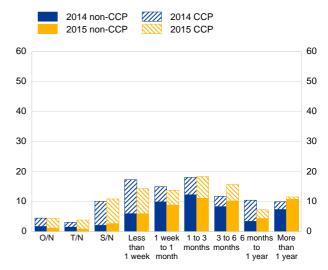
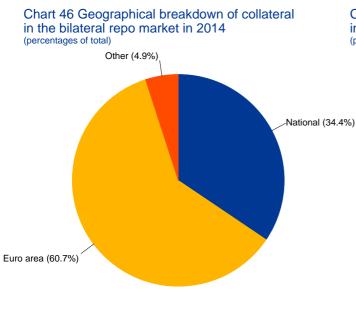


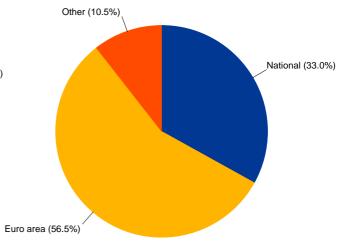
Chart 45 Maturity-weighted breakdown of cumulative quarterly turnover in bilateral repo borrowing (percentages of total)



4.6 BILATERAL REPOS, INCLUDING CCP TRANSACTIONS: MARKET STRUCTURE







Note: The panel comprised 149 credit institutions.

Chart 48 Geographical breakdown of collateral in bilateral secured lending



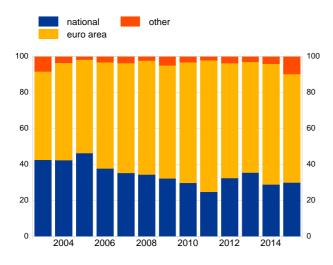
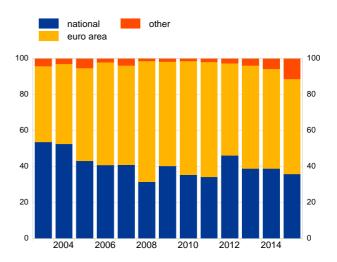
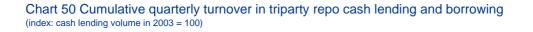
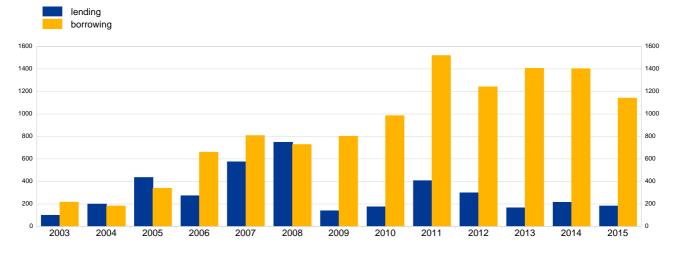


Chart 49 Geographical breakdown of collateral in bilateral secured borrowing (percentages of total)



4.7 TRIPARTY REPOS MARKET: TURNOVER ANALYSIS





4.8 TRIPARTY REPOS: MATURITY ANALYSIS

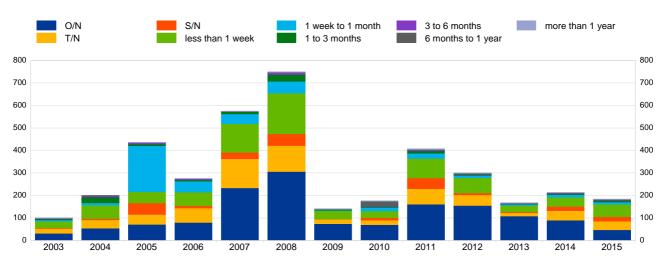
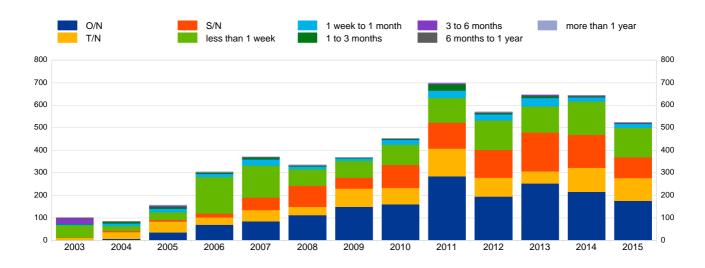


Chart 51 Cumulative quarterly turnover in triparty repo lending

(index: triparty repo lending volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.

Chart 52 Cumulative quarterly turnover in triparty repo borrowing (index: triparty repo borrowing volume in 2003 = 100)



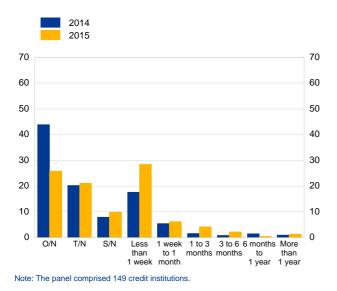


Chart 53 Breakdown, by maturity, of cumulative quarterly turnover in triparty repo lending (percentages of total)

Chart 55 Maturity-weighted breakdown of cumulative quarterly turnover in triparty repo lending (percentages of total)

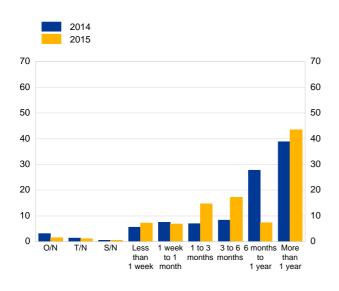


Chart 54 Breakdown, by maturity, of cumulative quarterly turnover in triparty repo borrowing (percentages of total)

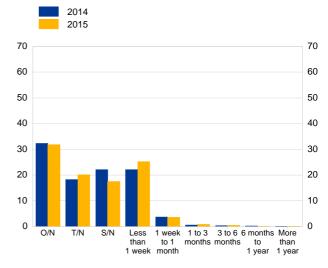
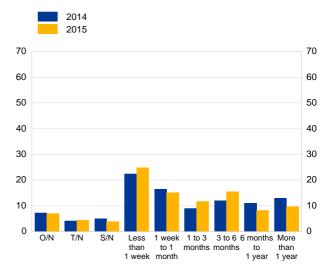


Chart 56 Maturity-weighted breakdown of cumulative quarterly turnover in triparty repo borrowing (percentages of total)



Note: The panel comprised 149 credit institutions.

Euro money market survey, September 2015

4.9 TOTAL SECURED MARKET: QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 57 Is the secured market efficient? (percentages of total)

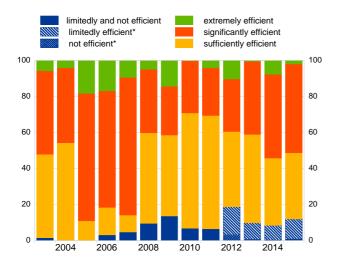
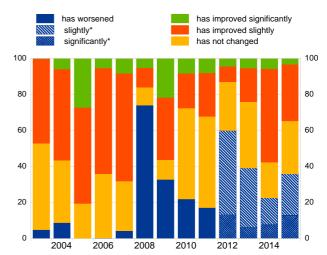


Chart 58 Has the market liquidity in the secured market changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 59 Counterparty structure of secured transactions

(percentages of total)

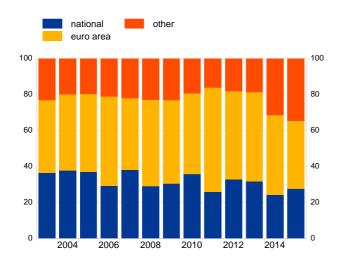
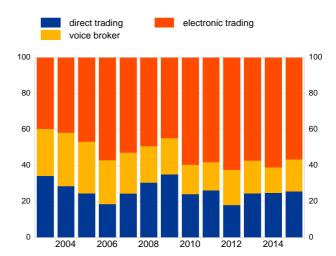


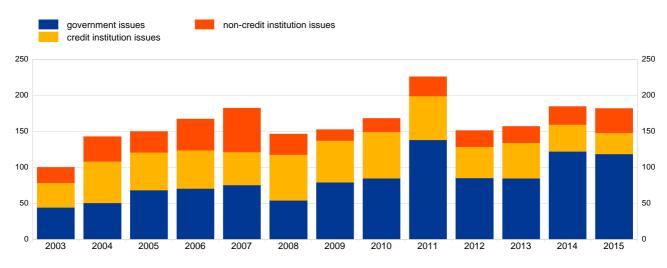
Chart 60 Trading structure of secured transactions (percentages of total)



5 THE SHORT-TERM SECURITIES MARKET 5.1 THE SECONDARY MARKET FOR SHORT-TERM SECURITIES: TURNOVER ANALYSIS

Chart 61 Cumulative quarterly turnover in outright transactions

(index: outright transaction volume in 2003 = 100)



5.2 QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 62 Is the short-term securities market efficient? (percentages of total)

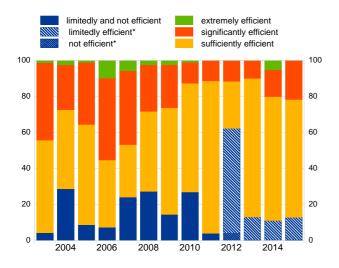
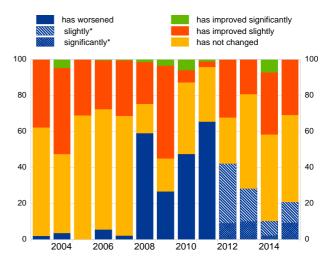


Chart 63 Has the market liquidity for short-term securities changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 64 Counterparty structure of short-term securities transactions (percentages of total)

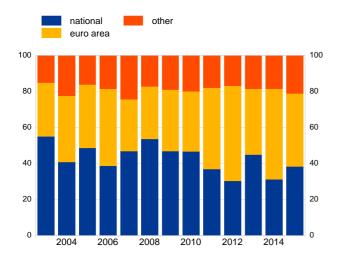
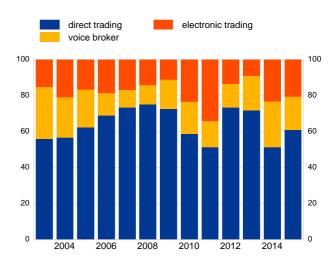
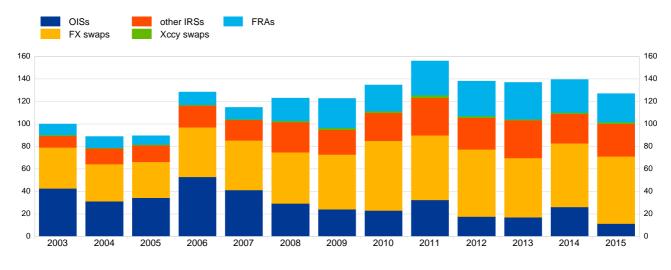


Chart 65 Trading structure of short-term securities transactions (percentages of total)



6 THE OVER-THE-COUNTER DERIVATIVES MARKET 6.1 OVER-THE-COUNTER (OTC) DERIVATIVES: TURNOVER ANALYSIS

Chart 66 Cumulative quarterly turnover in the various OTC derivatives market segments (index: OTC derivatives volume in 2003 = 100)



Note: The panel comprised 98 credit institutions.

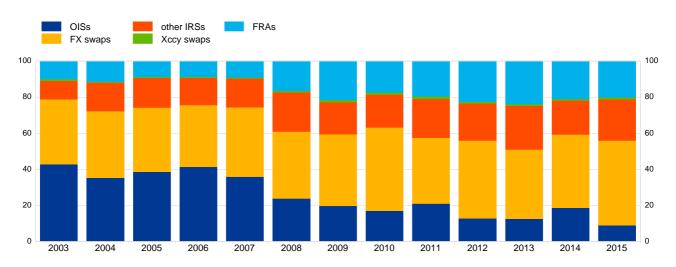
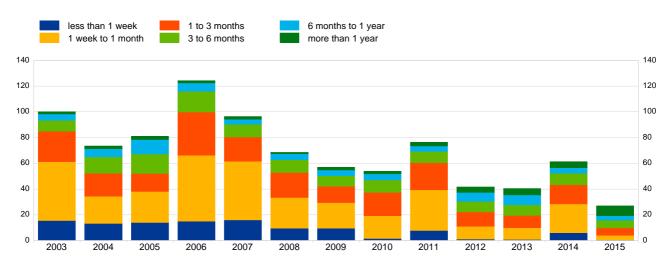


Chart 67 Breakdown, by segment, of total OTC derivatives market (percentages of total)

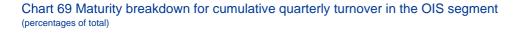
6.2 OVERNIGHT INDEX SWAPS (OISs): TURNOVER ANALYSIS

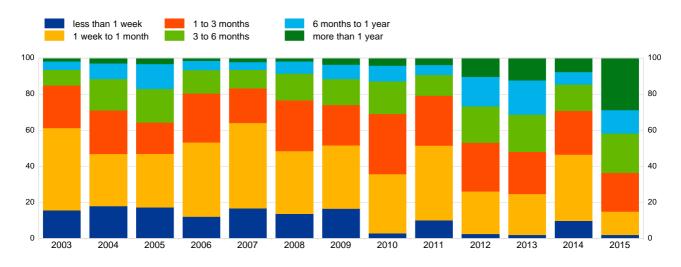
Chart 68 Cumulative quarterly turnover in the OIS segment

(index: OIS volume in 2003 = 100)



Note: The panel comprised 98 credit institutions.





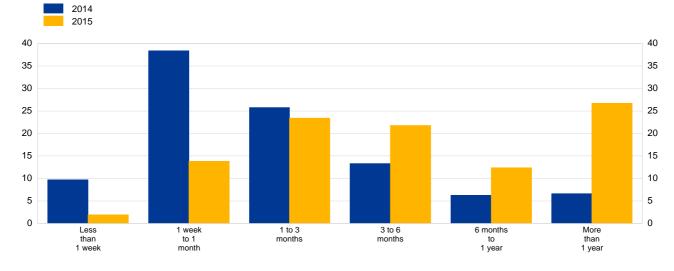
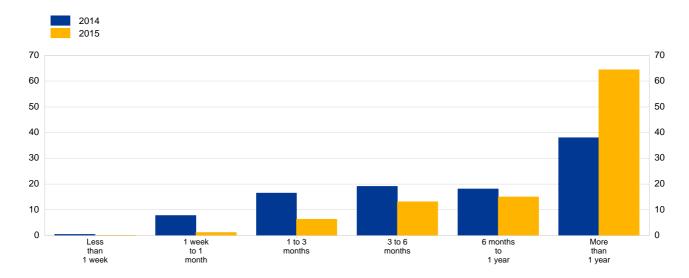


Chart 70 Breakdown, by maturity, of cumulative quarterly turnover in the OIS segment (percentages of total)

Note: The panel comprised 149 credit institutions.

Chart 71 Maturity-weighted breakdown of cumulative quarterly turnover in the OIS segment (percentages of total)



6.3 OVERNIGHT INDEX SWAPS (OISs): QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 72 Is the OIS segment efficient? (percentages of total)

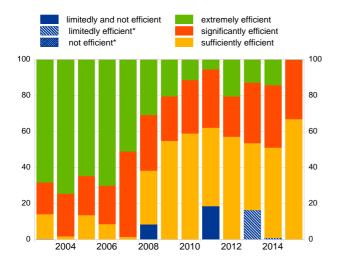
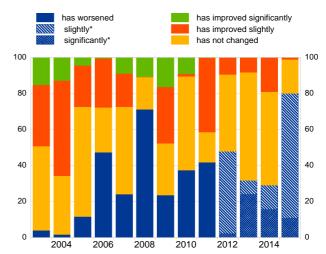


Chart 73 Has the market liquidity in the OIS segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 74 Counterparty structure of OIS transactions (percentages of total)

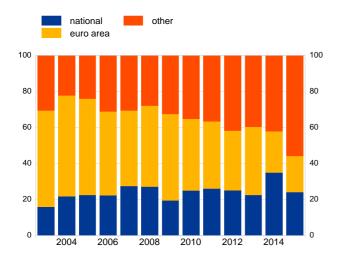
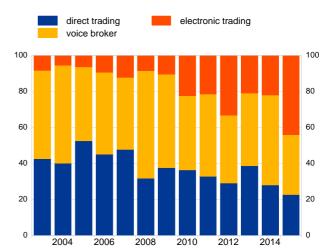


Chart 75 Trading structure of OIS transactions (percentages of total)



6.4 OTHER INTEREST RATE SWAPS (IRSs): TURNOVER ANALYSIS

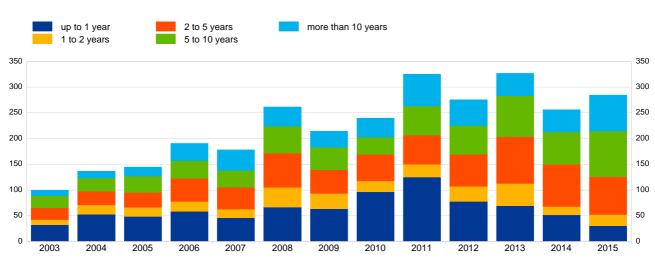
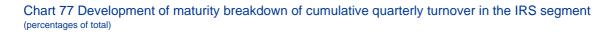
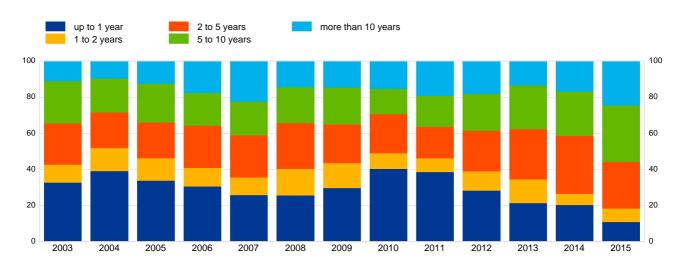


Chart 76 Cumulative quarterly turnover in the IRS segment

(index: IRS volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.





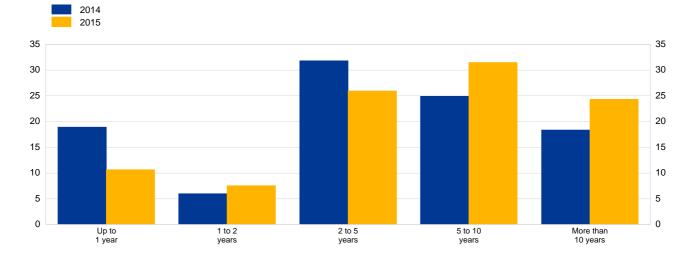
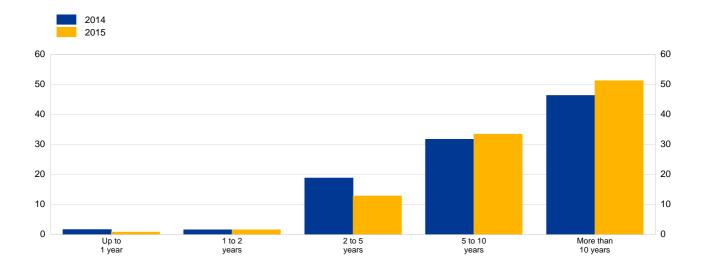


Chart 78 Breakdown, by maturity, of cumulative quarterly turnover in the IRS segment (percentages of total)

Note: The panel comprised 149 credit institutions.

Chart 79 Maturity-weighted breakdown of cumulative quarterly turnover in the IRS segment (percentages of total)



6.5 OTHER INTEREST RATE SWAPS (IRSs): QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 80 Is the other IRS segment efficient? (percentages of total)

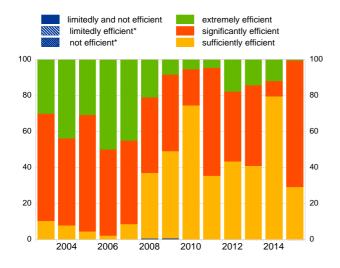
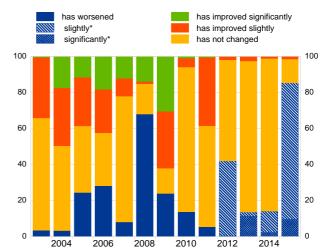


Chart 81 Has the market liquidity in the other IRS segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 82 Counterparty structure of other IRS transactions

(percentages of total)

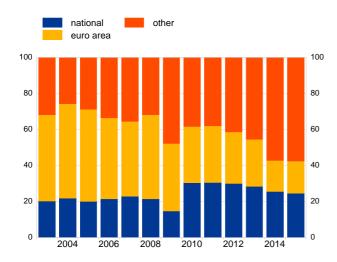
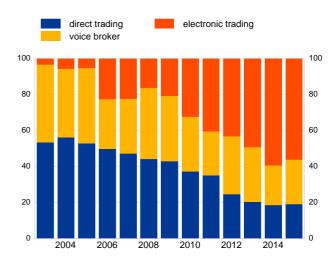


Chart 83 Trading structure of other IRS transactions (percentages of total)



6.6 FORWARD RATE AGREEMENTS (FRAs): TURNOVER ANALYSIS

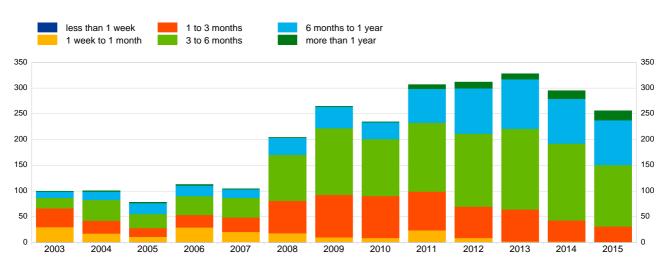
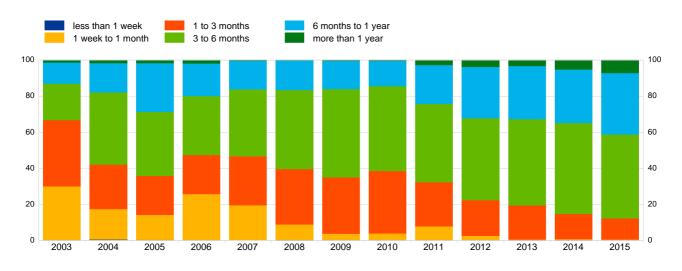


Chart 84 Cumulative quarterly turnover in the FRA segment

(index: FRA volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.

Chart 85 Development of the maturity breakdown of the cumulative quarterly turnover in the FRA segment (percentages of total)



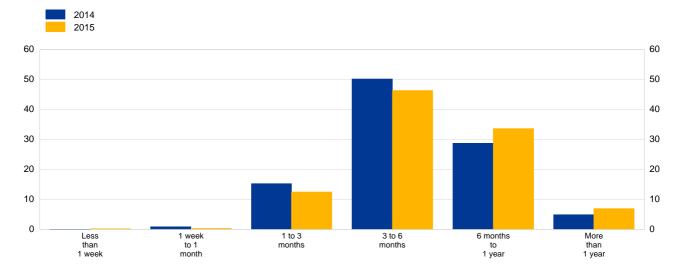
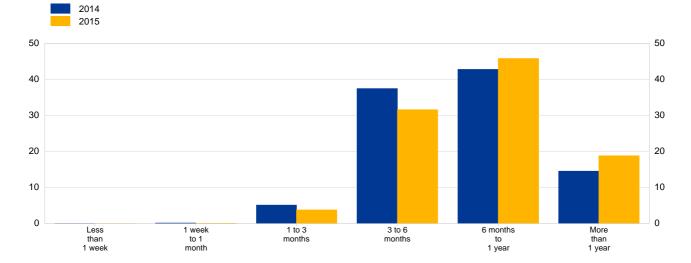


Chart 86 Breakdown, by maturity, of cumulative quarterly turnover in the FRA segment (percentages of total)

Note: The panel comprised 149 credit institutions.

Chart 87 Maturity-weighted breakdown of cumulative quarterly turnover in the FRA segment (percentages of total)



6.7 FORWARD RATE AGREEMENTS (FRAs): QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 88 Is the FRA segment efficient? (percentages of total)

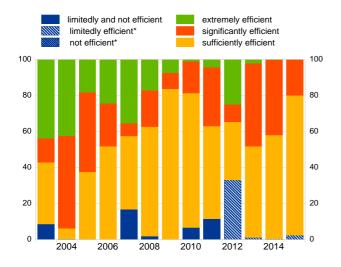
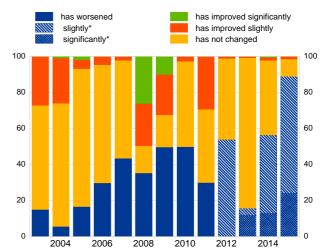


Chart 89 Has the market liquidity in the FRA segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 90 Counterparty structure of FRA transactions (percentages of total)

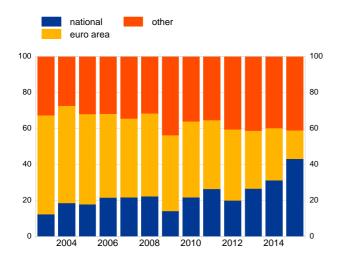
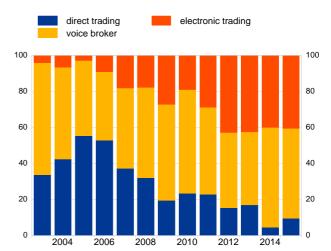


Chart 91 Trading structure of FRA transactions (percentages of total)



6.8 FOREIGN EXCHANGE (FX) SWAPS AND FOREIGN EXCHANGE (FX) FORWARDS: TURNOVER ANALYSIS

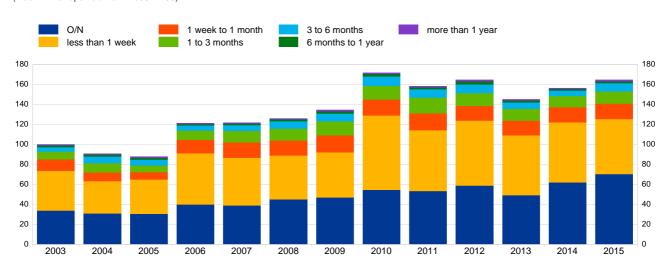
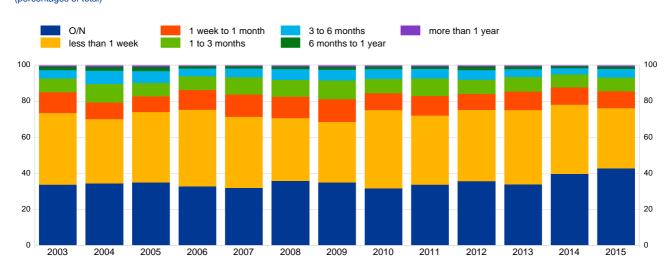


Chart 92 Cumulative quarterly turnover in the FX swaps and forwards segment (index: FX swaps volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.





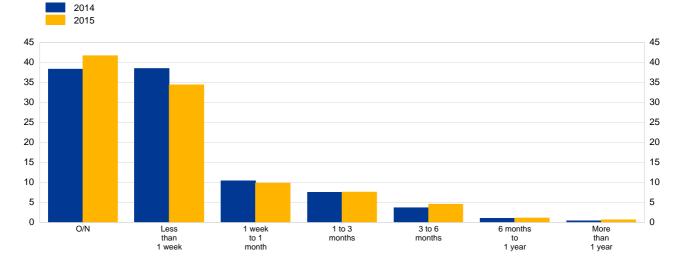
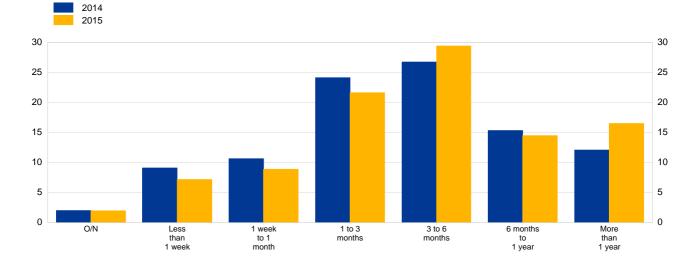
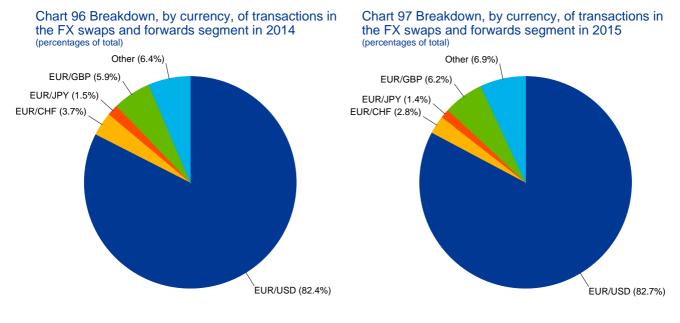


Chart 94 Breakdown, by maturity, of cumulative quarterly turnover in the FX swaps and forwards segment (percentages of total)

Note: The panel comprised 149 credit institutions.

Chart 95 Maturity-weighted breakdown of cumulative quarterly turnover in the FX swaps and forwards segment (percentages of total)





6.9 FOREIGN EXCHANGE (FX) SWAPS AND FOREIGN EXCHANGE (FX) FORWARDS: QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 98 Is the FX swaps segment efficient? (percentages of total)

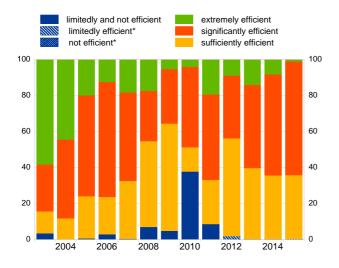
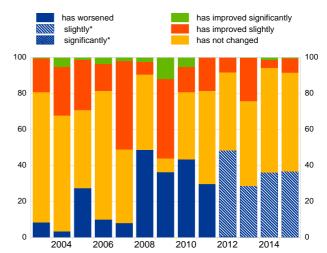


Chart 99 Has the market liquidity in the FX swaps segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 100 Counterparty structure of FX swap transactions

(percentages of total)

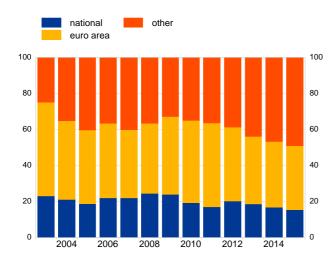
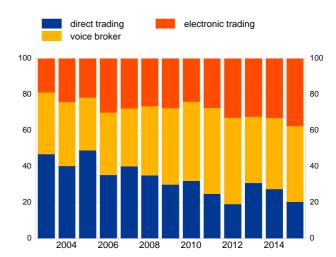


Chart 101 Trading structure of FX swap transactions (percentages of total)



6.10 CROSS-CURRENCY SWAPS (Xccy swaps): TURNOVER ANALYSIS

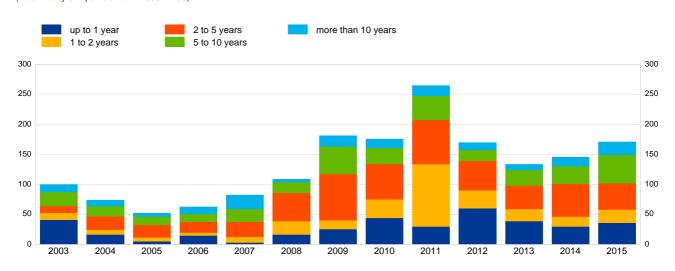
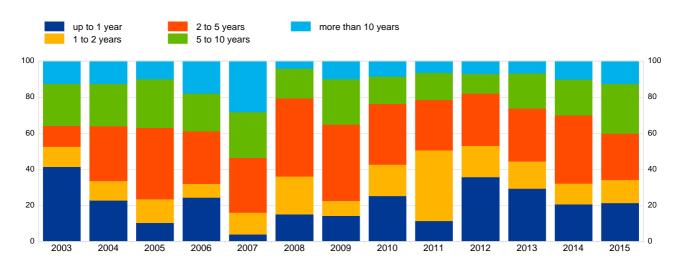


Chart 102 Cumulative quarterly turnover in the Xccy swaps segment (index: Xccy swaps volume in 2003 = 100)

Note: The panel comprised 98 credit institutions.





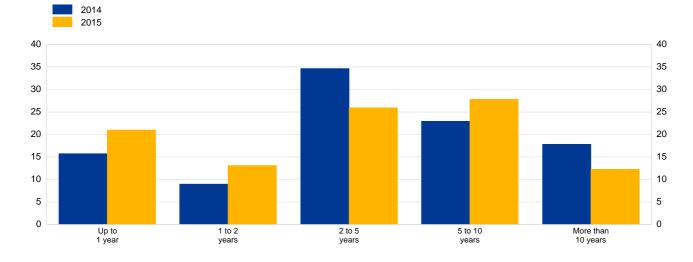
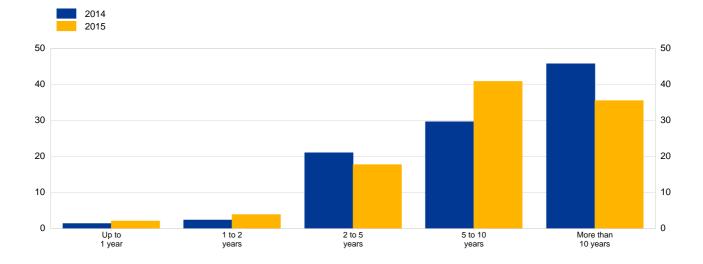


Chart 104 Breakdown, by maturity, of cumulative quarterly turnover in the Xccy swaps segment (percentages of total)

Note: The panel comprised 149 credit institutions.

Chart 105 Maturity-weighted breakdown of cumulative quarterly turnover in the Xccy swaps segment (percentages of total)



6.11 CROSS-CURRENCY SWAPS (Xccy swaps): QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 106 Is the Xccy swaps segment efficient? (percentages of total)

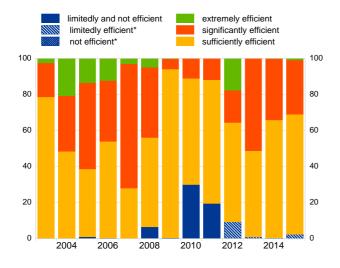
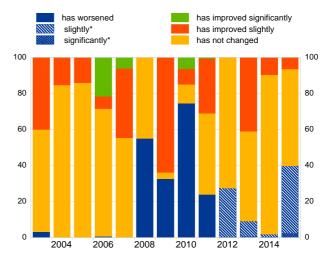


Chart 107 Has the market liquidity in the Xccy swaps segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 108 Counterparty structure of Xccy swap transactions (percentages of total)

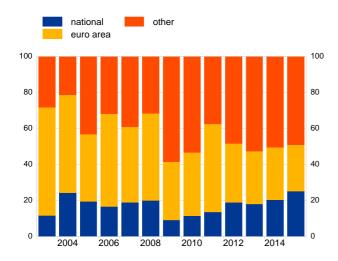
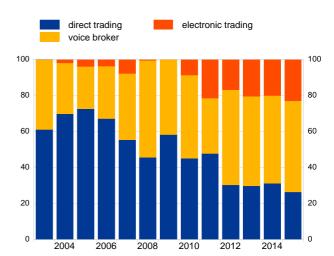


Chart 109 Trading structure of Xccy swap transactions (percentages of total)



6.12 OPTIONS AND FUTURES: QUALITATIVE ASSESSMENT AND DEVELOPMENT OF THE MARKET STRUCTURE

Chart 110 Is the options segment efficient? (percentages of total)

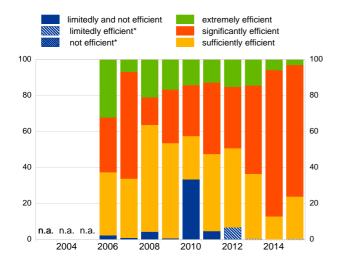
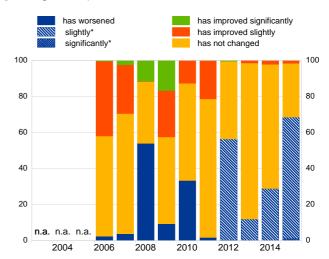


Chart 111 Has the market liquidity in the options segment changed with respect to last year? (percentages of total)



* Reporting started in 2012.

Note: The panel comprised 98 credit institutions.

Chart 112 Is the futures segment efficient? (percentages of total)

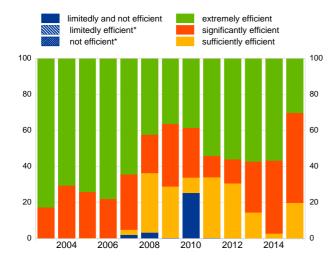
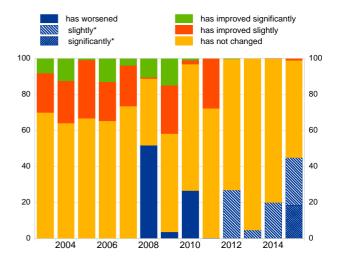


Chart 113 Has the market liquidity in the futures segment changed with respect to last year? (percentages of total)



* Reporting started in 2012. Note: The panel comprised 98 credit institutions.

Annex 1 Credit institutions participating in the ECB's 2015 euro money market survey

- BE Belfius Banque S.A.
- BE BNP Paribas Fortis S.A.
- BE KBC Bank N.V.
- BG DSK Bank
- BG Eurobank Bulgaria
- BG United Bulgarian Bank
- CZ Česká spořitelna, a. s.
- CZ Československá obchodní banka, a.s.
- CZ Citibank Europe plc
- CZ HSBC Bank plc
- CZ ING Bank N.V.
- CZ Komerční banka, a. s.
- DK Danske Bank A/S
- DE Bayern LB
- DE BHF-BANK AG
- DE Commerzbank AG
- DE DekaBank Deutsche Girozentrale
- DE Deutsche Bank AG
- DE Deutsche Postbank AG
- DE DZ BANK AG
- DE Hamburger Sparkasse AG
- DE HSH Nordbank AG
- DE Landesbank Baden-Württemberg
- DE Landesbank Berlin AG
- DE Landesbank Hessen-Thüringen Girozentrale
- DE Landwirtschaftliche Rentenbank
- DE SEB AG

- DE UniCredit Bank AG
- DE WGZ BANK AG
- EE AS LHV Pank
- IE Allied Irish Banks plc
- IE Permanent TSB plc
- IE Rabobank Ireland plc
- IE The Governor and Company of the Bank of Ireland
- IE Ulster Bank Ireland Limited
- IE UniCredit Bank Ireland plc
- GR Alpha Bank S.A.
- GR Eurobank Ergasias S.A.
- GR HSBC Bank plc
- GR National Bank of Greece S.A.
- GR Piraeus Bank S.A.
- ES Banco Bilbao Vizcaya Argentaria S.A. (BBVA)
- ES Banco Cooperativo Español S.A.
- ES Banco de Sabadell S.A.
- ES Banco Popular Español S.A.
- ES Banco Santander S.A.
- ES Bankia S.A.
- ES Bankinter S.A.
- ES CaixaBank S.A.
- ES Catalunya Banc S.A.
- ES Cecabank S.A.
- ES ING Bank, N.V. S.E
- FR BNP Paribas

- FR BPCE
- FR Bred Banque Populaire
- FR Crédit Agricole CIB
- FR Crédit Agricole S.A.
- FR Crédit Industriel et Commercial CIC
- FR HSBC France
- FR Natixis
- FR Société Générale
- IT Banca IMI Spa
- IT Banca Monte dei Paschi di Siena Spa
- IT Banca Nazionale del Lavoro Spa (BNL)
- IT BNP Paribas S.A.
- IT Dexia Crediop Spa
- IT Intesa Sanpaolo Spa
- IT UBI Banca (Unione di Banche Italiane Scpa)
- IT UniCredit Spa
- CY Bank of Cyprus Public Company Ltd
- CY Hellenic Bank Public Company Ltd
- LV AS Rietumu Banka
- LV AS SEB banka
- LV AS Swedbank
- LT AB Citadele bankas
- LT AB DNB bankas
- LT AB SEB bankas
- LU Banque et Caisse d'Epargne de l'Etat, Luxembourg
- LU KBL European Private Bankers S.A.
- HU ING Bank N.V. Magyarországi Fióktelepe
- HU K and H Bank Zrt.
- HU UniCredit Bank Hungary Zrt.
- MT Akbank TAS
- MT Bank of Valletta plc

- MT FIMBANK plc
- MT HSBC Bank Malta plc
- MT Mediterranean Bank plc
- NL ABN AMRO Bank N.V.
- NL Bank Nederlandse Gemeenten N.V.
- NL Coöperatieve Centrale Raiffeisen-Boerenleenbank B.A. (Rabobank)
- NL F. van Lanschot Bankiers N.V.
- NL ING Bank N.V.
- AT Allgemeine Sparkasse Oberösterreich Bank AG
- AT Erste Group Bank AG
- AT Oberbank AG
- AT Raiffeisen Bank International AG
- AT Raiffeisenlandesbank Niederösterreich-Wien AG
- AT Raiffeisen-Landesbank Steiermark AG
- PL Bank BPH S.A.
- PL Bank Handlowy w Warszawie S.A.
- PL Bank Polska Kasa Opieki S.A. (Bank Pekao S.A.)
- PL Bank Zachodni WBK S.A.
- PL Deutsche Bank Polska S.A.
- PL Getin Noble Bank S.A.
- PL ING Bank Śląski S.A.
- PL Plus Bank S.A.
- PL Powszechna Kasa Oszczędności Bank Polski S.A. (PKO BP)
- PL Raiffeisen Bank Polska S.A.
- PL Societe Generale S.A. Oddział w Polsce
- PT Banco BIC Português SA
- PT Banco BPI SA
- PT Banco Comercial Português SA
- PT Banco Finantia SA

- PT Banco Santander Totta SA
- PT BANIF-Banco Internacional do Funchal SA
- PT Caixa Central Caixa Central de Crédito Agrícola Mútuo, CRL
- PT Caixa Económica Montepio Geral
- PT Caixa Geral de Depósitos SA
- PT Novo Banco, SA
- RO Banca Comerciala Romana S.A.
- RO BRD Groupe Societe Generale S.A.
- RO The Royal Bank of Scotland pls Edinburgh, -Sucursala Romania
- SI Abanka Vipa d.d.
- SI Nova Ljubljanska Banka d.d., Ljubljana
- SI SID Slovenska izvozna in razvojna banka, d.d., Ljubljana
- SK Československá obchodná banka, a.s.
- SK Slovenská sporiteľňa, a.s.
- FI Nordea Bank Finland Abp
- FI Pohjola Pankki Oyj
- SE Skandinaviska Enskilda Banken AB (publ) (SEB)
- SE Svenska Handelsbanken AB (publ)

- SE Swedbank AB (publ)
- UK Abbey National Treasury Services plc
- UK Banco do Brasil SA
- UK Barclays Bank plc
- UK BNP Paribas
- UK Citibank NA
- UK Credit Agricole Corporate and Investment Bank
- UK Credit Suisse
- UK Deutsche Bank AG
- UK HSBC Bank plc
- UK JP Morgan Chase Bank
- UK Lloyds TSB Bank plc
- UK Merrill Lynch International Bank Limited
- UK Novo Banco S.A. London Branch
- UK Standard Bank plc
- UK The Royal Bank of Scotland plc
- CH UBS AG
- CH Zürcher Kantonalbank AG (ZKB)

Annex 2 Coordination of the ECB's 2015 euro money market survey

The ECB's 2015 Euro Money Market Survey was conducted by a working group, comprising staff members from the ECB and the national central banks, which reported to the Market Operations Committee of the European System of Central Banks.

Abbreviations

Cour	

BE	Belgium	IT	Italy	PT	Portugal
BG	Bulgaria	CY	Cyprus	RO	Romania
CZ	Czech Republic	LV	Latvia	SI	Slovenia
DK	Denmark	LT	Lithuania	SK	Slovakia
DE	Germany	LU	Luxembourg	FI	Finland
EE	Estonia	HU	Hungary	SE	Sweden
IE	Ireland	MT	Malta	UK	United Kingdom
GR	Greece	NL	Netherlands	СН	Switzerland
ES	Spain	AT	Austria		
FR	France	PL	Poland		

In Charts

CCP	central counterparty
FRAs	forward rate agreements
FX swaps	foreign exchange swaps
Other IRSs	other interest rate swaps
OISs	overnight index swaps
O/N	overnight
OTC	over the counter
T/N	tomorrow/next (day)
S/N	spot/next (day)
ST securities	short-term securities
Xccy swaps	cross-currency swaps

Note: The data represented herein refer to the second quarter of the respective year.

© European Central Bank, 2015

Postal address	60640 Frankfurt am Main, Germany
Telephone	+49 69 1344 0
Website	www.ecb.europa.eu

All rights reserved. Any reproduction, publication and reprint in the form of a different publication, whether printed or produced electronically, in whole or in part, is permitted only with the explicit written authorisation of the ECB.

ISSN	1830-7000 (online)
ISBN	978-92-899-1949-4
DOI	10.2866/353256
EU catalogue No	QB-YE-15-001-EN-N