

EURO MONEY MARKET SURVEY

SEPTEMBER 2009



EUROSYSTEM















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COUNTRY BREAKDOWN OF PARTICIPATING BANKS IN 2009

I.I NUMBER OF PARTICIPATING BANKS PER COUNTRY

	Number of banks
AUSTRIA	10
BELGIUM	3
BULGARIA	4
CYPRUS	3
CZECH REPUBLIC	8
DENMARK	2
FINLAND	2
FRANCE	8
GERMANY	17
GREECE	8
HUNGARY	3
IRELAND	6
ITALY	7
LATVIA	4
LITHUANIA	3
LUXEMBOURG	3
MALTA	4
NETHERLANDS	5
POLAND	9
PORTUGAL	14
ROMANIA	3
SLOVAKIA	3
SLOVENIA	3
SPAIN	16
SWEDEN	3
SWITZERLAND	1
UK	17
TOTAL	169

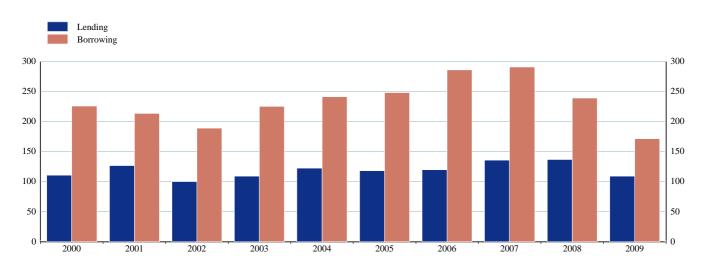
Note: A detailed list of participating banks can be found in Annex I.



THE UNSECURED MARKET

2.1 TURNOVER ANALYSIS

Chart I Average daily turnover in unsecured cash lending and borrowing (index: cash lending volume in 2002 = 100)

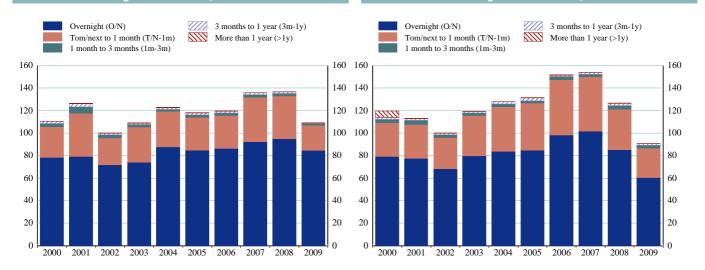


Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

2.2 MATURITY ANALYSIS

Chart 2 Maturity breakdown for average daily turnover in unsecured lending (index: cash lending volume in 2002 = 100)

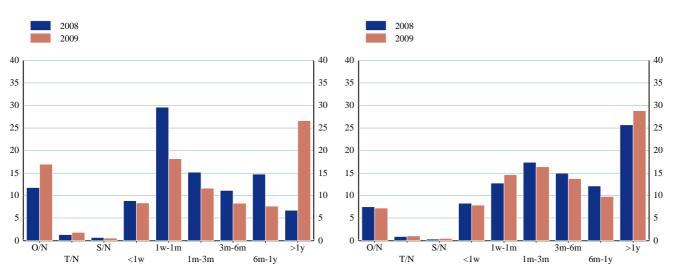
Chart 3 Maturity breakdown for average daily turnover in unsecured borrowing (index: cash borrowing volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

Chart 4 Maturity-weighted breakdown for average daily turnover in unsecured lending (percentages of total)

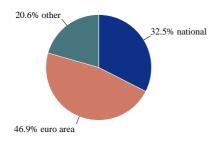
Chart 5 Maturity-weighted breakdown for average daily turnover in unsecured borrowing (percentages of total)

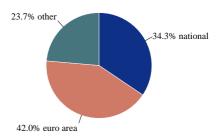


2.3 MARKET STRUCTURE

Chart 6 Geographical counterparty breakdown for unsecured average daily turnover in 2008 (percentages of total)

Chart 7 Geographical counterparty breakdown for unsecured average daily turnover in 2009 (percentages of total)

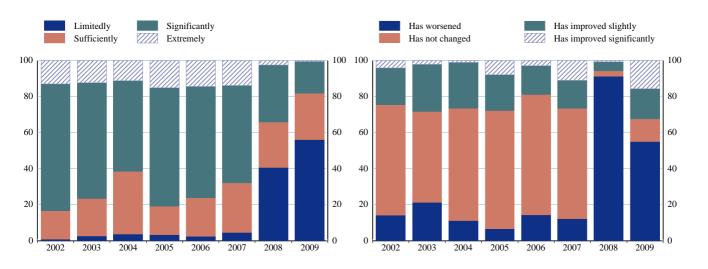




2.4 QUALITATIVE ASSESSMENT

Chart 8 Is the unsecured segment in your opinion efficient? (percentages of total)

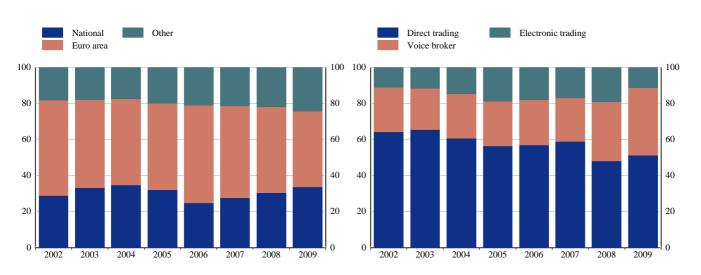
Chart 9 Has the market liquidity in the unsecured market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 10 Counterparty structure of unsecured transactions (percentages of total)

Chart 11 Trading structure of unsecured transactions (percentages of total)

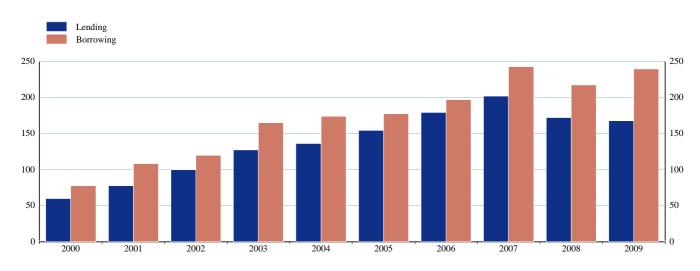




THE SECURED MARKET

3.I TURNOVER ANALYSIS

Chart 12 Average daily turnover in secured cash lending and borrowing (index: cash lending volume in 2002 = 100)

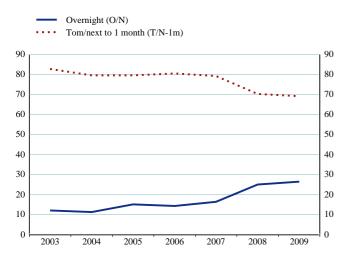


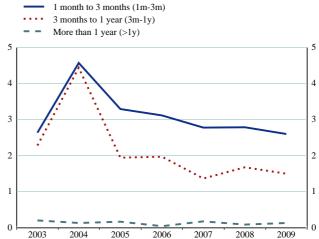
Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

3.2 MATURITY ANALYSIS

Chart 13 Maturity breakdown for average daily turnover in secured lending and borrowing (percentages of total)

Chart 14 Maturity breakdown for average daily turnover in secured lending and borrowing (percentages of total)

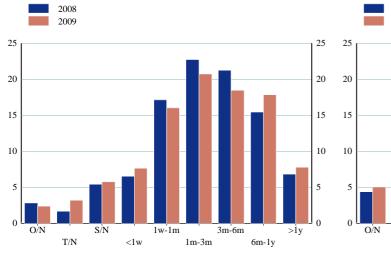


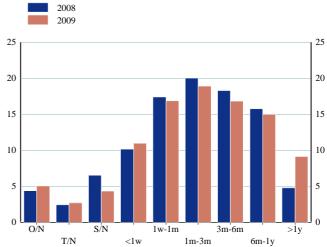


Note: The panel comprised 105 credit institutions.

Chart 15 Maturity-weighted breakdown for average daily turnover in secured lending (percentages of total)

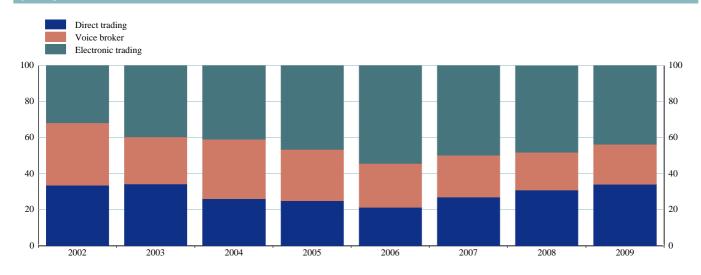
Chart 16 Maturity-weighted breakdown for average daily turnover in secured borrowing (percentages of total)





3.3 MARKET STRUCTURE

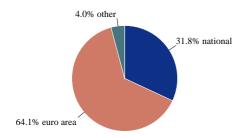
Chart 17 Trading structure breakdown (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 18 Geographical collateral breakdown for bilateral repos in 2008 (percentages of total)

Chart 19 Geographical collateral breakdown for bilateral repos in 2009 (percentages of total)



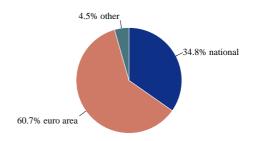
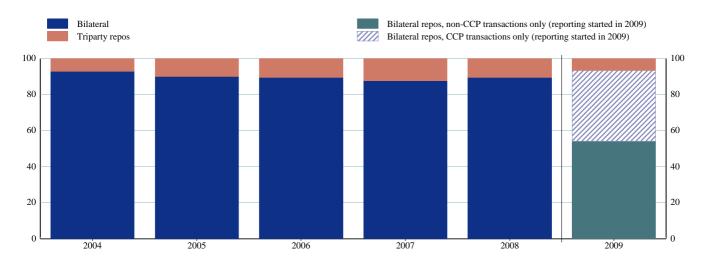


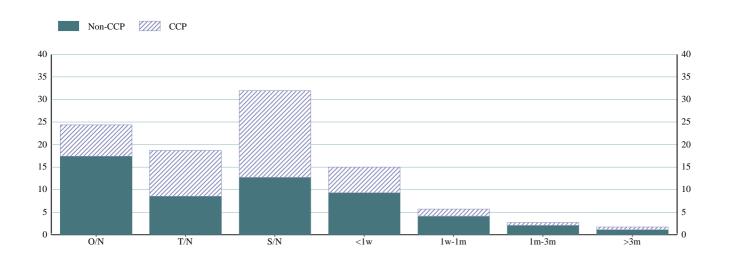
Chart 20 Total repo market breakdown (percentages of total)



Note: The panel comprised 105 credit institutions.

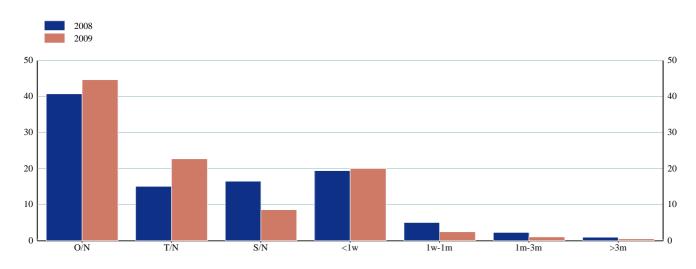
3.4 BILATERAL REPOS

Chart 21 Maturity breakdown for average daily turnover in the bilateral repo market in 2009 (percentages of total)



3.5 TRIPARTY REPOS

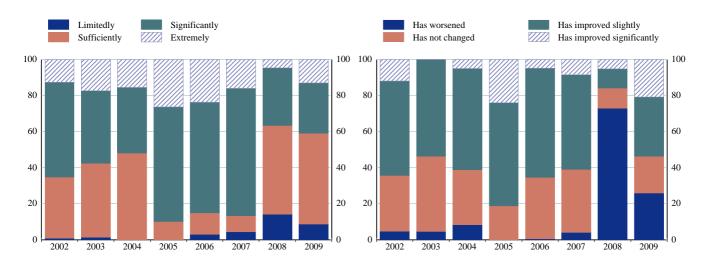
Chart 22 Maturity breakdown for average daily turnover in the triparty repo market (percentages of total)



3.6 QUALITATIVE ASSESSMENT

Chart 23 Is the secured segment in your opinion efficient?

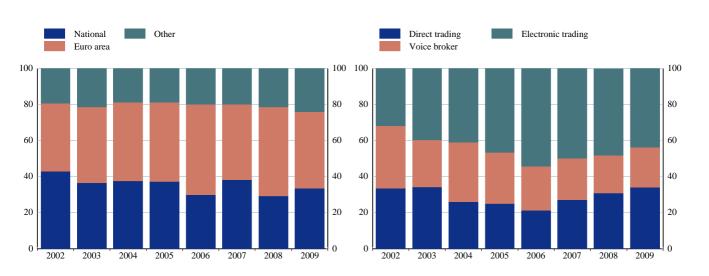
Chart 24 Has the market liquidity in the secured market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 25 Counterparty structure of secured transactions

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

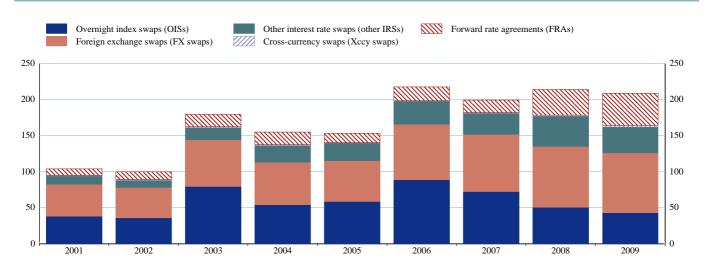




THE DERIVATIVES MARKETS

4.1 THE OTC DERIVATIVES MARKET: TURNOVER ANALYSIS

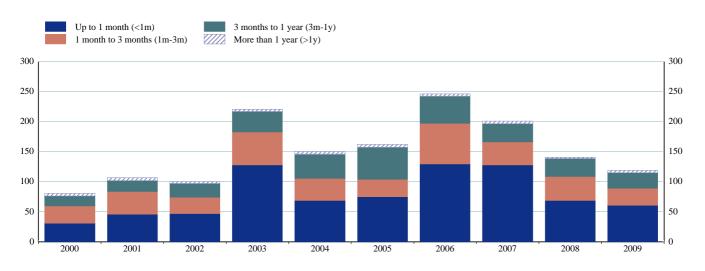
Chart 27 Average daily turnover in the various OTC derivatives markets (index: OTC derivatives volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2001 and 105 credit institutions thereafter.

4.2 THE OTC DERIVATIVES MARKET: MATURITY ANALYSIS

Chart 28 Average daily turnover in the OIS segment (index: OIS volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

Chart 29 Maturity-weighted breakdown for average daily turnover in the OIS segment (percentages of total)

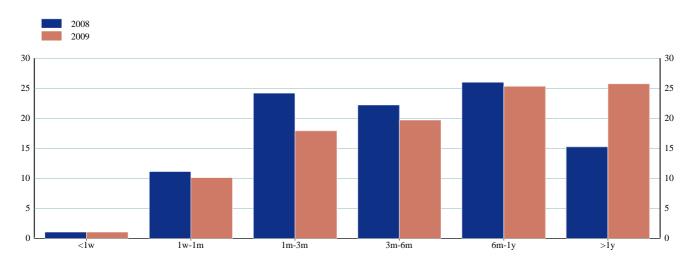
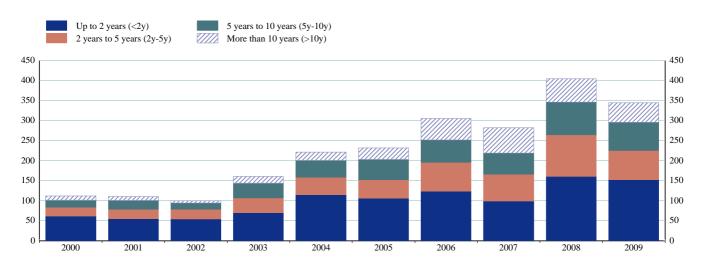


Chart 30 Average daily turnover in the other IRS segment (index: other IRS volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

Chart 31 Maturity-weighted breakdown for average daily turnover in the other IRS segment (percentages of total)

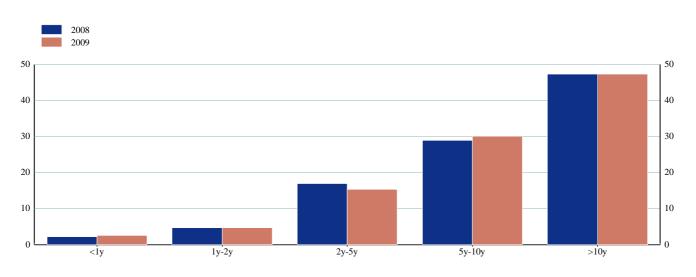
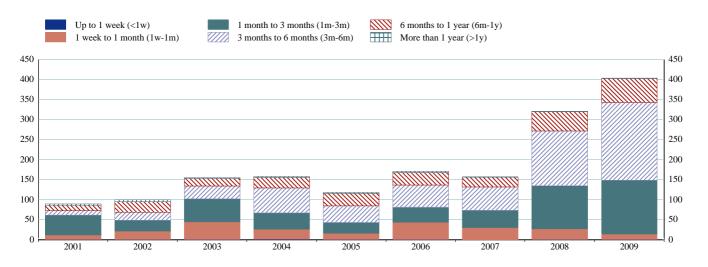


Chart 32 Average daily turnover in the FRA segment (index: FRA volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2001 and 105 credit institutions thereafter.

Chart 33 Maturity-weighted breakdown for average daily turnover in the FRA segment (percentages of total)

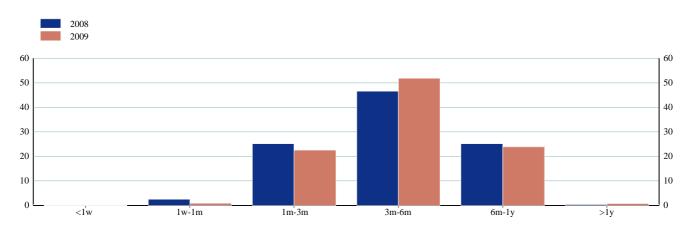
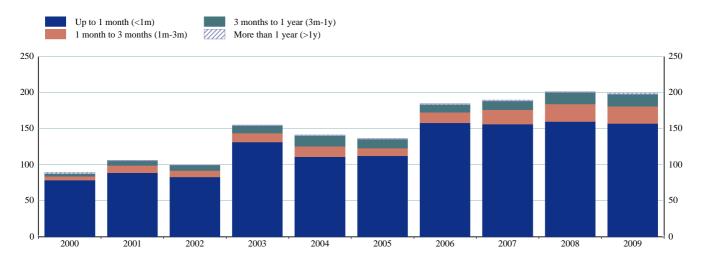


Chart 34 Average daily turnover in the FX swap segment (index: FX swap volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

Chart 35 Maturity-weighted breakdown for average daily turnover in the FX swap segment (percentages of total)

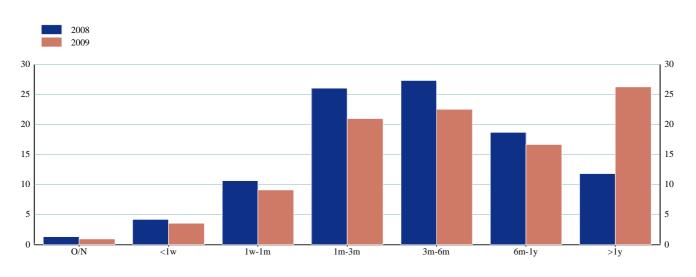
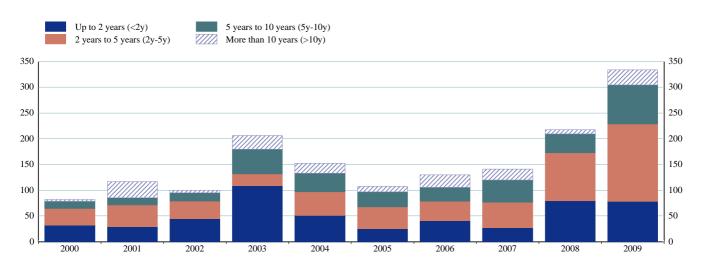
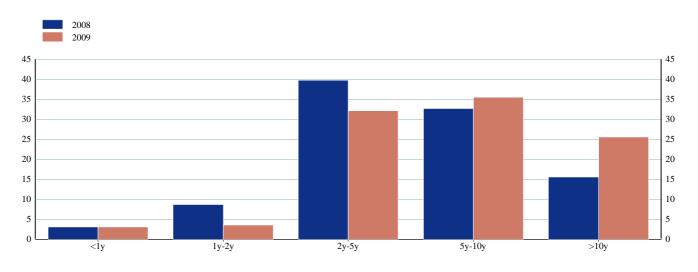


Chart 36 Average daily turnover in the Xccy swap segment (index: Xccy swap volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

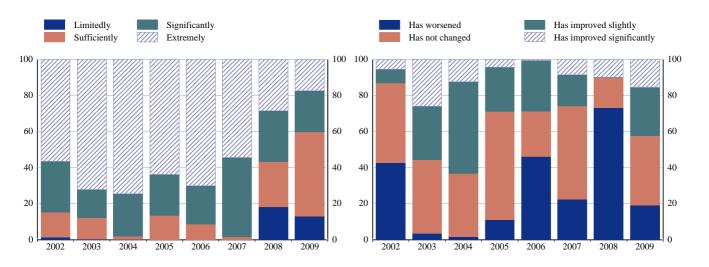
Chart 37 Maturity-weighted breakdown for average daily turnover in the Xccy swap segment (percentages of total)



4.3 QUALITATIVE ASSESSMENT

Chart 38 Is the OIS segment in your opinion efficient?

Chart 39 Has the market liquidity in the OIS market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 40 Counterparty structure of OIS transactions (percentages of total)

Chart 41 Trading structure of OIS transactions (percentages of total)

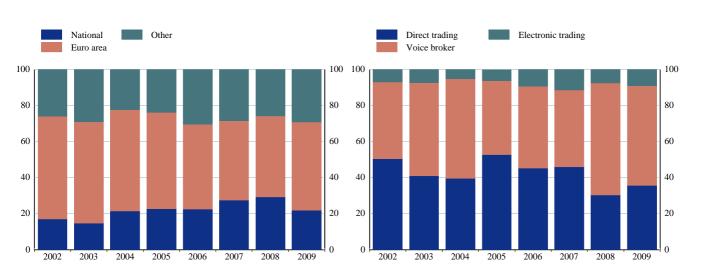
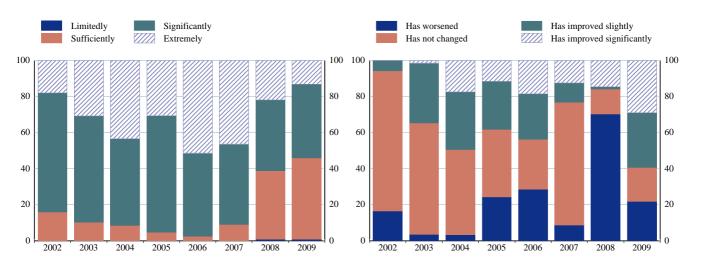


Chart 42 Is the other IRS segment in your opinion efficient?

Chart 43 Has the market liquidity in the other IRS market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 44 Counterparty structure of other IRS transactions

Chart 45 Trading structure of other IRS transactions (percentages of total)

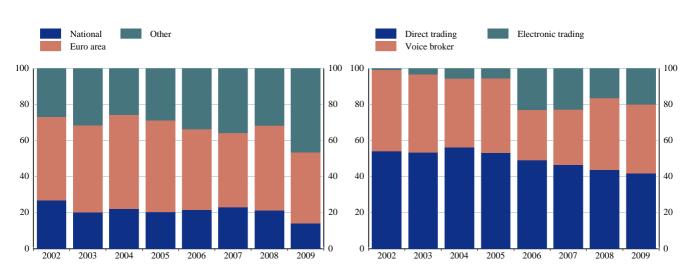
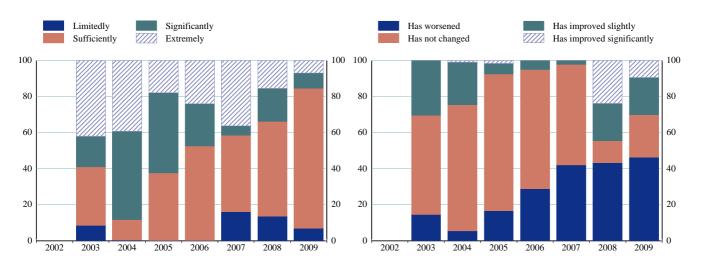


Chart 46 Is the FRA segment in your opinion efficient?

Chart 47 Has the market liquidity in the FRA market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 48 Counterparty structure of FRA transactions

Chart 49 Trading structure of FRA transactions

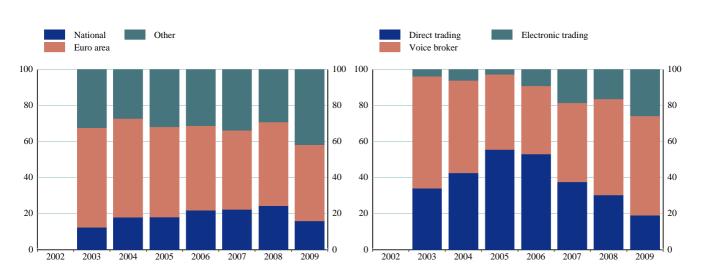
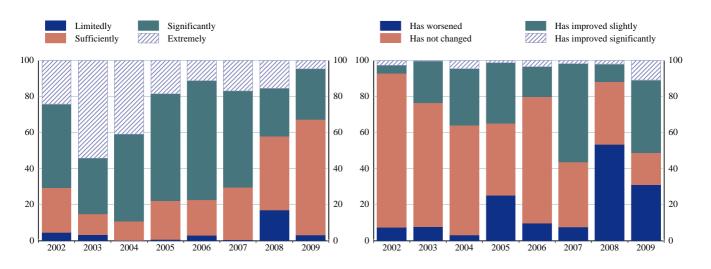


Chart 50 Is the FX swap segment in your opinion efficient?

Chart 51 Has the market liquidity in the FX swap market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 52 Counterparty structure of FX swap transactions

Chart 53 Trading structure of FX swap transactions (percentages of total)

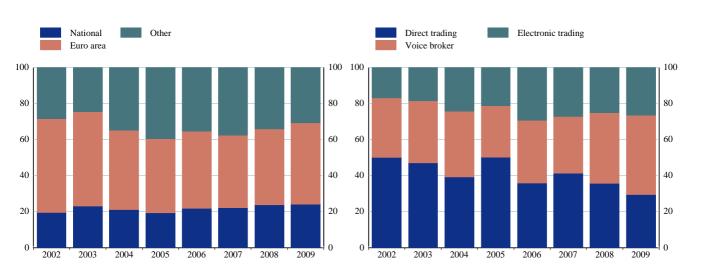
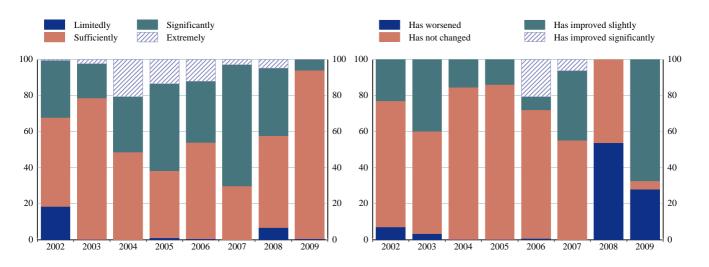


Chart 54 ls the Xccy swap segment in your opinion efficient? (percentages of total)

Chart 55 Has the market liquidity in the Xccy swap market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 56 Counterparty structure of Xccy swap transactions

Chart 57 Trading structure of Xccy swap transactions (percentages of total)

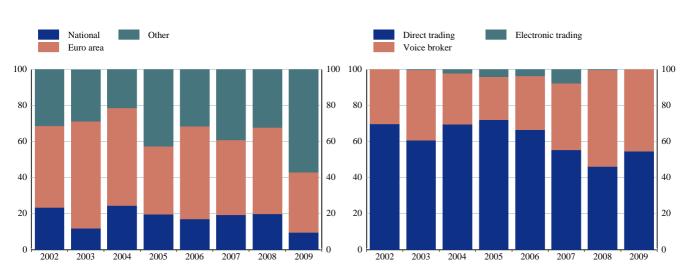
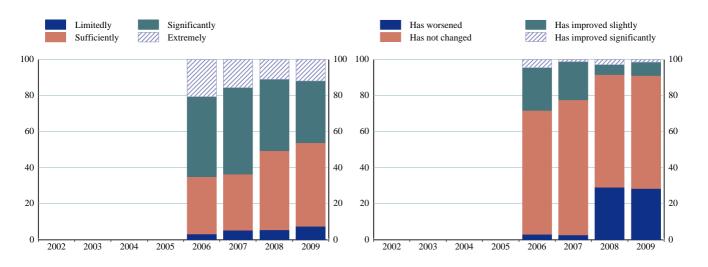


Chart 58 Is the options segment in your opinion efficient? (percentages of total)

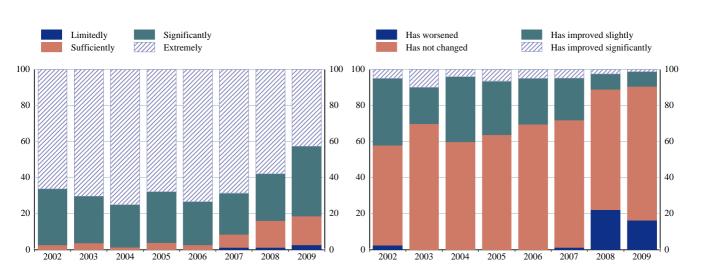
Chart 59 Has the market liquidity in the options market changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

Chart 60 ls the futures segment in your opinion efficient? (percentages of total)

Chart 61 Has the market liquidity in the futures market changed with respect to last year? (percentages of total)

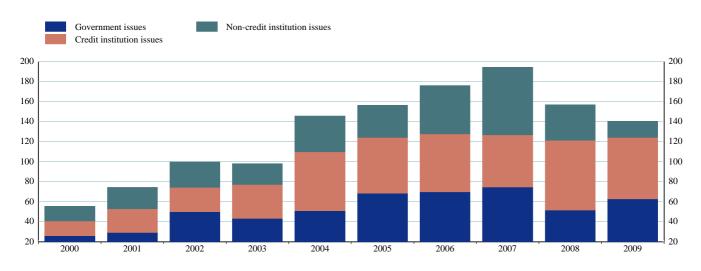




THE SHORT-TERM SECURITIES MARKET

5.I TURNOVER ANALYSIS IN THE SECONDARY MARKET

Chart 62 Average daily turnover in outright transactions (index: outright transaction volume in 2002 = 100)

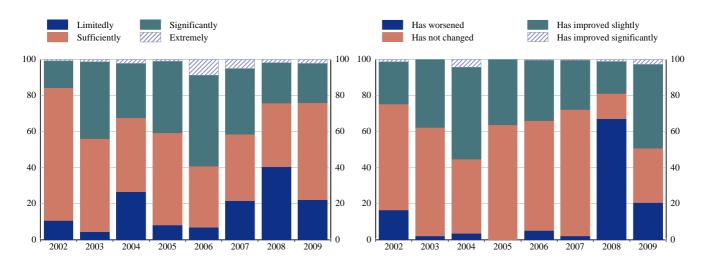


Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

5.2 QUALITATIVE ASSESSMENT

Chart 63 ls the short-term securities segment in your opinion efficient? (percentages of total)

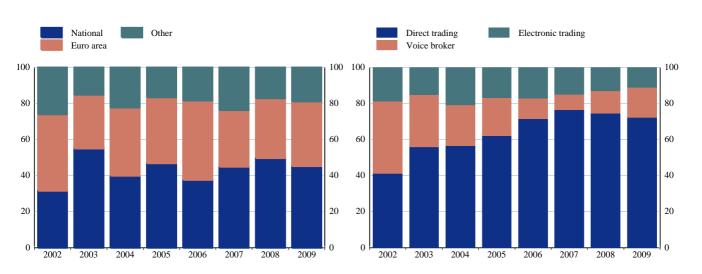
Chart 64 Has the market liquidity for short-term securities changed with respect to last year? (percentages of total)



Note: The panel comprised 105 credit institutions.

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

Chart 66 Trading structure of short-term securities transactions (percentages of total)

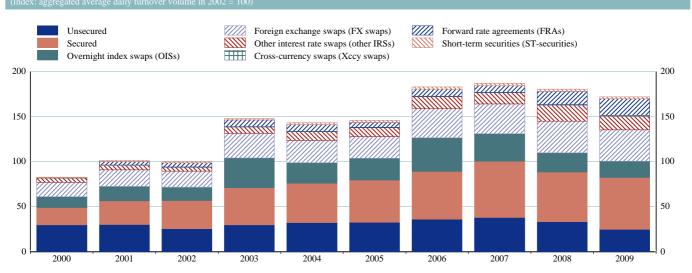




CROSS-MARKET ANALYSIS

6.1 TURNOVER ANALYSIS

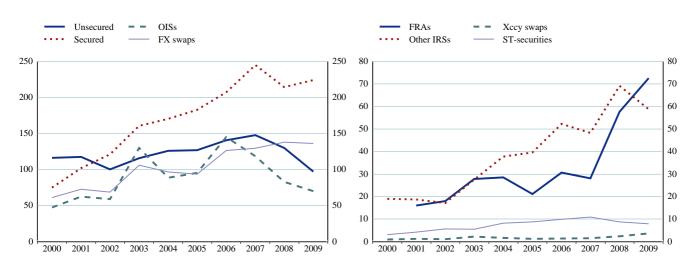
Chart 67 Aggregated average daily turnover of the euro money market (index; aggregated average daily turnover volume in 2002 = 100)



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

Chart 68 Average daily turnover in various money market segments (index: unsecured transaction volume in 2002 = 100)

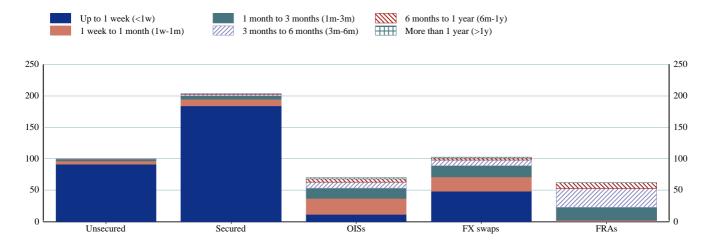
Chart 69 Average daily turnover in various money market segments (index: unsecured transaction volume in 2002 = 100



Note: The panel comprised 85 credit institutions in 2000 and 2001 and 105 credit institutions thereafter.

6.2 MATURITY ANALYSIS

Chart 70 Maturity breakdown for various money market segments in 2009 (index: unsecured volume = 100)



6.3 MARKET STRUCTURE

Table I Concentration of unsecured market activity in 2009 (percentages of total)

	Lending	Borrowing
Top 5 credit institutions	40.7	28.3
Top 10 credit institutions	56.8	42.2
Top 20 credit institutions	72.2	61.3

Table 2 Concentration of secured market activity in 2009 (percentages of total)

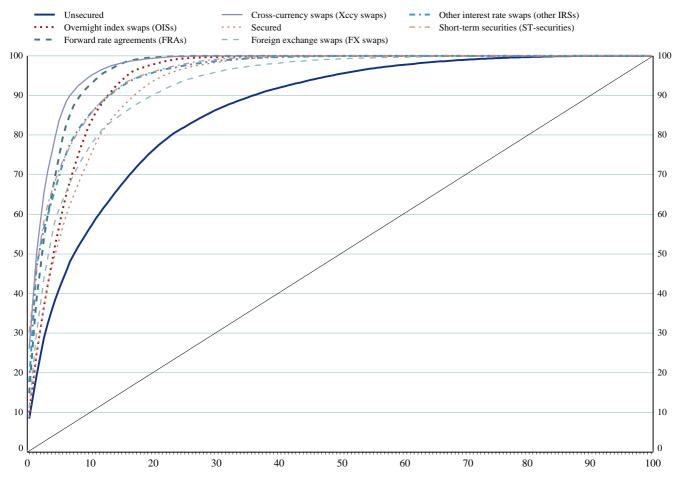
	Bilateral reverse repos	Bilateral repos	Bilateral reverse repos, CCP only	Bilateral repos, CCP only	Triparty reverse repos	Triparty repos	Total reverse repos	
Top 5 credit institutions	40.5	42.8	54.4	58.5	88.4	64.6	40.0	41.2
Top 10 credit institutions	60.4	64.4	73.2	78.0	99.0	91.3	59.4	61.4
Top 20 credit institutions	82.0	83.8	94.1	94.6	100.0	100.0	81.0	83.5

Table 3 Concentration of activity in the OTC derivatives markets and short-term securities in 2009 (percentages of total)

	ST-securities	OISs	Other IRSs	FRAs	FX swaps	Xccy swaps
Top 5 credit institutions	58.3	36.8	56.4	54.1	43.8	65.4
Top 10 credit institutions	73.3	61.1	72.6	79.1	63.6	86.1
Top 20 credit institutions	88.0	87.2	87.8	94.9	80.5	96.2

Note: For Tables 1, 2 and 3 the panel comprised 169 credit institutions.

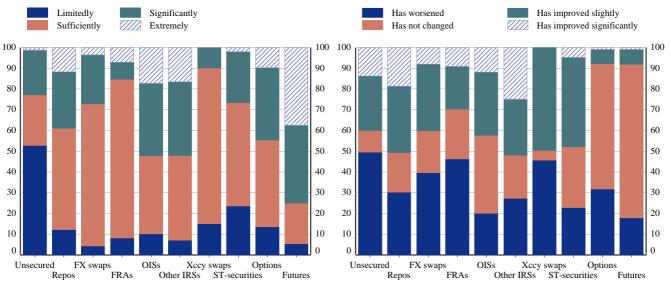
Chart 71 Lorenz curve: concentration of activity in various market segments in 2009 (x axis: percentage of market participants; y axis: percentage of activity)



6.4 QUALITATIVE ASSESSMENT

Chart 72 Is the euro market (for the different segments) in your opinion efficient? (percentages of total)

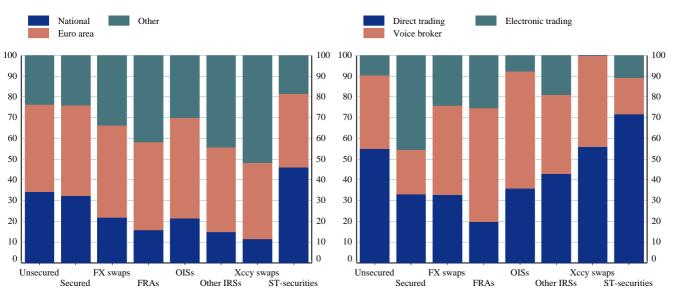
Chart 73 Has the market liquidity in the euro money market changed with respect to last year? (percentages of total)



Note: The panel comprised 169 credit institutions.

Chart 74 Counterparty structure of various money market segments in 2009 (percentages of total)

Chart 75 Trading structure of various money market segments in 2009 (percentages of total)



ANNEX

ANNEX I

CREDIT INSTITUTIONS PARTICIPATING IN THE 2009 EURO MONEY MARKET SURVEY

A 700	A11	DIZ	N 1 D 1 D 1 A /G
ΑT	Allgemeine Sparkasse Oberösterreich	DK	Nordea Bank Danmark A/S
	Bank AG	ES	Banco Bilbao Vizcaya Argentaria, S.A.
ΑT	Erste Group Bank AG		(BBVA)
ΑT	Oberbank AG	ES	Banco Cooperativo Español, S.A.
ΑT	Österreichische Volksbanken-AG	ES	Banco de Sabadell, S.A.
ΑT	Raiffeisen Zentralbank Oesterreich AG	ES	Banco Español de Crédito, S.A.
ΑT	Raiffeisenlandesbank Niederösterreich-	ES	Banco Pastor, S.A.
	Wien AG	ES	Banco Popular Español, S.A.
ΑT	Raiffeisenlandesbank Oberösterreich AG	ES	Banco Santander, S.A.
AT	Raiffeisen-Landesbank Steiermark AG	ES	Bankinter, S.A.
AT	UniCredit Bank Austria AG	ES	Barclays Bank, S.A.
AT	UniCredit CAIB AG	ES	Caixa d' Estalvis de Catalunya
BE	Dexia Banque Belgique	ES	Caja de Ahorros de Galicia
BE	Fortis Banque	ES	Caja de Ahorros del Mediterráneo
BE	KBC Bank NV	ES	Caja de Ahorros y M.P. de Madrid
BG	BNP Paribas S.A.	ES	
		ES	Caja de Ahorros y Pensiones de
BG	DSK Bank	EC	Barcelona
BG	Eurobank EFG Bulgaria	ES	Confederación Española de Cajas de
BG	United Bulgarian Bank		Ahorros
СН	UBS AG	ES	ING Direct, N.V. S.E
CY	Bank of Cyprus Public Company Ltd	FI	Nordea Bank Finland Abp
CY	Hellenic Bank Public Company Ltd	FI	Pohjola Pankki Oyj
CY	Marfin Popular Bank Public Co Ltd	FR	BNP Paribas
CZ	ABN AMRO Bank N.V.	FR	Bred - Banque Populaire
CZ	Česká spořitelna, a. s.	FR	Calyon
CZ	Československá obchodní banka, a. s.	FR	Crédit Agricole S.A.
CZ	Citibank Europe plc	FR	Crédit Industriel et Commercial - CIC
CZ	HSBC Bank plc	FR	HSBC France
CZ	ING Bank N.V.	FR	Natixis
CZ	Komerční banka, a. s.	FR	Société Générale
CZ	UniCredit Bank Czech Republic a. s.	GB	Abbey National Treasury Services plc
DE	Bayerische Hypo- und Vereinsbank AG	GB	ABN AMRO Bank N.V.
DE	Bayerische Landesbank	GB	Banco do Brasil SA
DE	BHF-BANK AG	GB	Banco Espirito Santo SA
DE	Commerzbank AG	GB	Barclays Bank plc
DE	DekaBank Deutsche Girozentrale	GB	BNP Paribas
DE	Deutsche Bank AG	GB	Calyon
DE		GB	Citibank NA
	Deutsche Postbank AG		
DE	DZ BANK AG Deutsche Zentral-	GB	Credit Suisse
DE	Genossenschaftsbank	GB	Deutsche Bank AG
DE	Hamburger Sparkasse AG	GB	Dexia Banque Internationale à
DE	HSH Nordbank AG	C.D.	Luxembourg SA
DE	Landesbank Baden-Württemberg	GB	Goldman Sachs International Bank
DE	Landesbank Berlin AG	GB	HBOS Treasury Services plc
DE	Landesbank Hessen -Thüringen	GB	HSBC Bank plc
	Girozentrale	GB	JP Morgan Chase Bank
DE	Landwirtschaftliche Rentenbank	GB	Lloyds TSB Bank plc
DE	SEB AG	GB	The Royal Bank of Scotland plc
DE	WestLB AG	GR	Alpha Bank, S.A.
DE	WGZ BANK AG Westdeutsche	GR	ATE Bank, S.A.
	Genossenschafts-Zentralbank	GR	BNP Paribas
DK	Danske Bank A/S	GR	EFG Eurobank Ergasias, S.A.
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GR	Emporiki Bank of Greece, S.A.
GR	HSBC Bank plc
GR	National Bank of Greece, S.A.
GR	Piraeus Bank, S.A.
HU	ING Bank N.V. (Magyarország) Zrt.
HU	K and H Bank Zrt.
HU	UniCredit Bank Hungary Zrt.
ΙE	Allied Irish Banks plc
ΙE	DePfa-Bank plc
ΙE	Irish Life & Permanent plc
ΙE	Rabobank Ireland plc
ΙE	The Governor and Company of the Bank
	of Ireland
ΙE	UniCredit Bank Ireland plc
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	UniCredit Spa
LT	AB SEB bankas
LT	AB bankas SNORAS
LT	Swedbank, AB
LU	Banque et Caisse d'Epargne de l'Etat,
	Luxembourg
LU	HVB Banque Luxembourg S.A.
LU	KBL European Private Bankers S.A.
LV	Parex banka
LV	Rietumu Banka
LV	SEB banka
LV	Swedbank
MT	Bank of Valletta plc
MT	BAWAG Malta Bank Ltd
MT	HSBC Bank Malta plc
MT	Volksbank Malta Ltd
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.
PL	Bank BPH S.A.
PL	Bank Gospodarstwa Krajowego
PL	Bank Handlowy w Warszawie S.A.
DI	D 1 D 1 1 17 0 1 1 1 0 1 /D 1

Bank Polska Kasa Opieki S.A. (Bank

Powszechna Kasa Oszczędności Bank

Bank Zachodni WBK S.A.

Deutsche Bank Polska S.A.

Polski S.A. (Bank PKO BP)

PL Societe Generale S.A. Oddział w Polsce PT Banco BPI, SA PT Banco Comercial Português, SA PT Banco do Brasil AG - Sucursal em Portugal PT Banco Espírito Santo, SA PT Banco Finantia, SA PT Banco Itaú Europa, SA PT Banco Santander Totta, SA PT BANIF-Banco Internacional do Funchal, SA PT Barclays Bank plc PT BPN - Banco Português de Negócios, SA PT Caixa Central - Caixa Central de Crédito Agrícola Mútuo, CRL PT Caixa Económica Montepio Geral PT Caixa Geral de Depósitos, SA PT Deutsche Bank (Portugal), SA RO Banca Comerciala Romana S.A. BRD - Groupe Societe Generale S.A. RO RO RBS Bank (Romania) S.A. SE Skandinaviska Enskilda Banken AB (publ) (SEB) SE Svenska Handelsbanken AB (publ) SE Swedbank AB (publ) SI Abanka Vipa D.D. SI Nova Ljubljanska Banka d.d., Ljubljana SI UniCredit Banka Slovenija d.d. SK Československá obchodná banka, a.s. SK Slovenská sporiteľňa, a.s. SK Všeobecná úverová banka, a.s. (VUB)

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Pekao S.A.)

Kredyt Bank S.A.

ANNEX 2

COORDINATION OF THE 2009 ECB EURO MONEY MARKET SURVEY

The 2009 ECB Euro Money Market Survey was conducted by a working group comprising staff members from the ECB and NCBs, which reported to the ESCB's Market Operations Committee.

