# **Credit Conditions Survey**

Survey results | 2016 Q4





## **Credit Conditions Survey**

2016 Q4

As part of its mission to maintain monetary stability and financial stability, the Bank needs to understand trends and developments in credit conditions. This quarterly survey of bank and building society lenders is an input to this work. Lenders are asked about the past three months and the coming three months. The survey covers secured and unsecured lending to households; and lending to non-financial corporations, small businesses, and to non-bank financial firms. This survey serves as one of a number of inputs into the quarterly *Credit Conditions Review*, which presents the Bank of England's assessment of the latest developments in bank funding and household and corporate credit conditions.

This report presents the results of the 2016 Q4 survey. The 2016 Q4 survey was conducted between 21 November 2016 and 9 December 2016.

Additional background information on the survey can be found in the 2007 Q3 Quarterly Bulletin article 'The Bank of England Credit Conditions Survey'.

This report, covering the results of the 2016 Q4 survey, and copies of the questionnaires are available on the Bank's website at

www.bankofengland.co.uk/publications/Pages/creditconditionsbankliabilities/default.aspx.

The 2017 Q1 Credit Conditions Survey will be published on 13 April 2017.



## **Credit Conditions Survey**

### 2016 Q4

#### Supply

- The availability of secured credit to households was reported to be unchanged in the three months to mid-December 2016, and was expected to increase slightly over the next three months to mid-March 2017 (Chart 1). Market share objectives continued to be the main factor reported as pushing up on credit availability. The availability for borrowers with high-LTV (more than 75%) decreased slightly in Q4, but was expected to increase slightly in 2017 Q1.
- Lenders reported that the availability of unsecured credit to households increased slightly in Q4, but was expected to decrease slightly in Q1. Credit scoring criteria for credit cards were reported to have tightened in Q4. In contrast, credit scoring criteria on other unsecured lending, such as personal loans, were reported to have loosened in Q4.
- The overall availability of credit to the corporate sector was again reported to have been unchanged in Q4 (Chart 2). Within that, lenders reported that the availability of credit was unchanged for firms of all sizes and for the commercial real estate sector.

#### Demand

- Lenders reported that demand for secured lending for house purchase increased slightly in Q4. Within this, demand for prime lending increased slightly and demand for buy-to-let lending increased significantly. Demand for remortgaging also increased significantly (Chart 3). Lenders expected overall demand and demand for prime secured lending to be unchanged in Q1, but for demand for buy-to-let lending to decrease.
- Demand for credit card and other unsecured lending products were reported to have increased in Q4. Lenders expected demand for other unsecured lending to increase in Q1, while demand for credit card lending was expected to be unchanged.
- Lenders reported that overall demand for corporate lending from small and medium-sized businesses decreased significantly in Q4 (Chart 4). Demand for lending from small businesses was expected to decrease again in Q1, while for medium businesses it was expected to increase slightly. Lenders reported that demand for corporate lending by large companies was unchanged after falling significantly in Q3. Significant reductions in capital investment and commercial real estate were reported to be the main factors contributing to changes in corporate lending demand in Q4, while merger and acquisitions activity has pushed up on demand.

#### Loan pricing

- Overall spreads on secured lending to households relative to Bank Rate or the appropriate swap rate were reported to be unchanged in Q4 (Chart 5). Within this, spreads on buy-to-let lending widened slightly. Fees on secured lending were also reported to be unchanged. Lenders expected secured lending spreads to narrow significantly in Q1.
- Lenders reported that spreads on credit card and other unsecured lending narrowed slightly in Q4, for the first time since 2015 Q3, and are expected to narrow further in 2017 Q1. The length of interest-free periods on credit cards with balance transfer offers was reported to be broadly unchanged in Q4.
- Spreads on lending to large businesses widened slightly in Q4, and were expected to widen slightly further in Q1. Lenders reported spreads on lending to small businesses were unchanged in Q4, but were expected to widen in Q1 (Chart 6).

#### Defaults

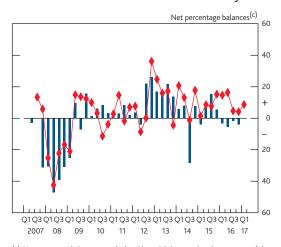
- Lenders reported that default rates on secured loans to households fell in 2016 Q4, and are expected to remain unchanged in 2017 Q1. Losses given default on secured loans to households fell significantly in Q4, and are expected to remain unchanged in Q1.
- Default rates on other unsecured lending rose significantly again in Q4, and losses given defaults rose slightly. Default rates were expected to fall in Q1. Default rates on credit card lending to households were reported to have increased in Q4 but losses given default were reported to have fallen.
- Lenders reported that default rates on loans to small businesses increased slightly for the first time since 2014 Q3. Default rates on loans to medium businesses also increased. Losses given default on loans were unchanged for small, medium and large businesses.

This report presents the results of the 2016 Q4 survey. The 2016 Q4 survey was conducted between 21 November and 9 December 2016. The results are based on lenders' own responses to the survey. They do not necessarily reflect the Bank's views on credit conditions. To calculate aggregate results, each lender is assigned a score based on their response. Lenders who report that credit conditions have changed 'a lot' are assigned twice the score of those who report that conditions have changed 'a little'. These scores are then weighted by lenders' market shares.

The results are analysed by calculating 'net percentage balances'—the difference between the weighted balance of lenders reporting that, for example, demand was higher/lower or terms and conditions were tighter/looser. The net percentage balances are scaled to lie between ±100.

This report and copies of the questionnaires are available on the Bank's website at www.bankofengland.co.uk/publications/Pages/creditconditionsbankliabilities/default.aspx.

Chart 1 Household secured credit availability(a)(b)

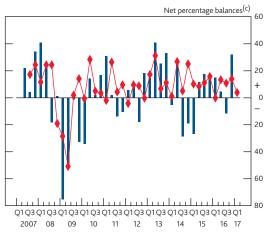


- (a) Net percentage balances are calculated by weighting together the responses of those lenders who answered the question. The blue bars show the responses over the previous three months. The red diamonds show the expectations over the next three months. Expectations balances have been moved forward one quarter so that they can be compared
- with the actual outturns in the following quarter.

  (b) Question: 'How has the availability of secured credit provided to households changed?'

  (c) A positive balance indicates that more secured credit is available.

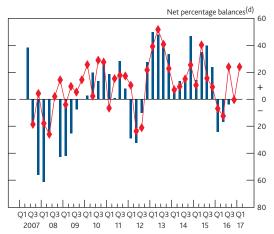
Chart 3 Household demand for remortgaging(a)(b)



- (a) See footnote (a) to Chart 1.
  (b) Question: 'How has demand for secured lending for remortgaging from households
- changed?'

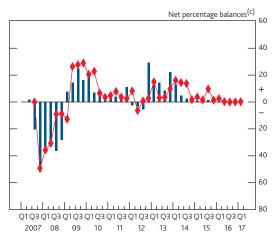
  (c) A positive balance indicates an increase in demand.

Chart 5 Spreads on secured lending to households(a)(b)(c)



- (a) See footnote (a) to **Chart 1**.
  (b) Spreads are over Bank Rate or the relevant swap rate
- (c) Question: 'How have overall secured lending spreads changed?'
  (d) A positive balance indicates that spreads have fallen such that, all else being equal, it is cheaper for households to borrow.

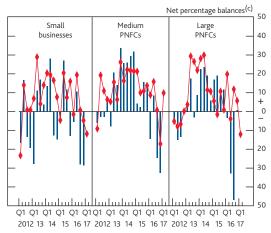
Chart 2 Corporate credit availability(a)(b)



- (a) See footnote (a) to Chart 1.
- (b) Question: 'How has the availability of credit provided to the corporate sector overall changed?'

  (c) A positive balance indicates that more corporate credit is available.

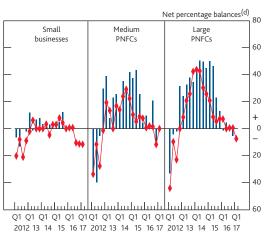
Chart 4 Corporate demand for lending by firm size(a)(b)



- (a) See footnote (a) to Chart 1.
  (b) Question: 'How has overall demand for lending from small businesses, medium PNFCs and large PNFCs changed?'

  (c) A positive balance indicates an increase in demand.

Chart 6 Spreads on lending to corporates by firm size(a)(b)(c)



- (a) See footnote (a) to Chart 1.(b) Spreads are over Bank Rate or the relevant swap rate.
- (c) Question: 'How have spreads on loans to small businesses, medium PNFCs and large PNFCs changed?'
  (d) A positive balance indicates that spreads have fallen such that, all else being equal,
- it is cheaper for corporates to borrow.

### Annex 1 Secured lending to households questionnaire results

To calculate aggregate results, each lender is assigned a score based on their response. Lenders who report that credit conditions have changed 'a lot' are assigned twice the score of those who report that conditions have changed 'a little'. These scores are then weighted by lenders' market shares. The results are analysed by calculating 'net percentage balances' — the difference between the weighted balance of lenders reporting that, for example, demand was higher/lower or terms and conditions were tighter/looser. The net percentage balances are scaled to lie between ±100. This annex reports the net percentage balance of respondents for each question in the secured lending questionnaire.

Positive balances indicate that lenders, on balance, reported/expected demand/credit availability/defaults to be higher than over the previous/current three-month period, or that the terms and conditions on which credit was provided became cheaper or looser respectively.

Where the survey balances are discussed, descriptions of a 'significant' change refer to a net percentage balance greater than 20 in absolute terms, and a 'slight' change refers to a net percentage balance of between 5 and 10 in absolute terms. Survey balances between 0 and 5 in absolute terms are described as unchanged.

The first Credit Conditions Survey was conducted in 2007 Q2 and additional questions have been included since 2007 Q4. A full set of results is available in Excel on the Bank's website at

www.bankofengland.co.uk/publications/Pages/creditconditionsbankliabilities/default.aspx.

		Net percentage balances <sup>(a)</sup>											
			2	2014			2	015			2	016	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
How has the availability of secured credit	Past three months	5.8	8.2	-28.5	7.8	-4.1	8.8	15.5	5.4	-3.4	-5.4	-1.8	-3.9
provided to households changed?	Next three months	13.0	-1.3	17.7	1.5	8.5	7.5	15.2	14.6	16.3	4.6	4.1	8.7
Factors contributing to changes in													
credit availability:(b)													
changing economic outlook	Past three months	7.3	1.4	0.0	0.0	0.0	0.0	2.2	0.0	-1.2	0.0	-4.5	-0.1
	Next three months	7.6	0.0	3.2	0.0	0.0	2.2	0.0	0.0	5.9	-8.7	-3.8	-1.6
market share objectives	Past three months	0.3	9.5	11.4	4.3	5.2	7.4	5.5	9.1	2.7	14.5	11.2	21.7
	Next three months	20.9	15.1	15.1	11.9	6.4	9.8	12.4	11.1	14.7	13.8	18.3	13.7
changing appetite for risk	Past three months	14.8	-2.3	-25.5	0.0	0.0	9.3	1.2	2.4	-1.9	-7.6	-3.3	3.4
	Next three months	-7.3	-9.8	1.5	1.5	8.9	1.7	3.6	8.7	0.7	-7.3	1.5	4.2
tight wholesale funding conditions	Past three months	0.0	2.3	0.0	-2.2	0.0	2.1	0.0	4.9	0.0	0.0	-1.9	-1.6
	Next three months	0.0	2.3	0.0	2.2	0.0	-4.9	-2.2	0.8	-11.0	-2.1	5.2	0.0
expectations for house prices	Past three months	3.1	0.7	-10.1	1.5	0.0	1.7	0.0	21.3	13.1	14.1	-4.5	1.5
	Next three months	6.2	-0.3	-0.2	3.6	0.0	1.7	0.0	21.3	13.1	5.5	-8.3	7.9
How has the availability of household secured of	credit to the following	types c	f borr	ower c	hange	<u>1</u> ?							
Borrowers with low loan to value ratios	Past three months	1.4	2.7	-11.1	0.7	-6.8	15.0	6.4	3.5	3.6	0.8	-0.8	2.8
(75% or less)	Next three months	4.4	12.0	10.8	1.5	16.3	0.8	7.8	7.4	-1.2	-0.8	3.4	0.0
Borrowers with high loan to value ratios	Past three months	33.8	1.3	-10.2	0.4	-2.4	11.4	16.4	1.5	6.4	-3.8	-1.1	-5.2
(more than 75%)	Next three months	8.6	5.7	1.3	3.6	-0.1	1.8	2.6	3.4	1.6	7.9	0.6	6.4
Have you become more willing to lend to	Past three months	44.9	15.3	-14.2	-18.9	9.0	-1.2	1.8	7.7	-0.8	19.5	2.4	-0.4
borrowers with housing equity less than 10%	Next three months	14.1	-4.3	-7.1	0.0	0.0	11.5	10.3	5.8	12.2	7.0	3.1	-1.8
of the value of their home?													

		Net percentage balances													
			2	014			2	015			2016				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
How have credit scoring criteria for granting	Past three months	5.5	-0.6	-17.9	0.0	2.0	8.4	3.1	0.6	-0.5	-6.6	-8.3	0.3		
loan applications by households changed?	Next three months	-9.7	-1.6	-3.1	1.7	1.9	3.7	-4.8	1.2	9.5	3.6	0.4	0.7		
How has the proportion of household loan	Past three months	-11.0	0.7	-15.6	-9.4	-1.0	13.0	9.2	-10.4	2.6	0.1	-10.2	-2.3		
applications being approved changed?	Next three months	-24.8	-20.6	10.8	5.2	11.8	5.8	-0.7	12.4	0.7	5.5	0.3	-7.7		
How has the average credit quality of new	Past three months	5.1	-6.8	0.7	-1.4	-1.4	-3.0	0.7	4.6	-4.9	-7.8	3.6	-5.4		
secured lending to households changed?(c)	Next three months	-18.3	8.5	-3.7	-2.1	9.9	10.4	2.6	0.9	-8.0	10.7	-1.9	0.0		
How has the default rate on secured loans to	Past three months	-39.7	-34.1	-30.8	-33.8	-34.6	-17.3	-15.5	-22.4	-16.2	-17.2	-15.0	-13.7		
households changed?	Next three months	-19.1	-16.3	-20.3	-20.3	-11.0	-14.1	-14.6	-6.4	-8.6	-15.2	-11.6	-1.1		
How have losses given default on	Past three months	-48.4	-12.4	-27.1	-15.2	-33.9	-24.5	-33.1	-24.0	6.0	-19.5	-0.2	-20.5		
secured loans to households changed?	Next three months	-42.9	-6.3	-26.7	-5.9	20.1	-10.0	-14.9	-18.8	-3.3	-16.3	5.0	-0.7		
How has demand for secured lending for house	Past three months	11.2	26.8	-27.4	-46.1	-40.8	32.1	23.3	7.9	12.2	21.5	-44.0	5.7		
purchase from households changed?	Next three months	38.5	18.1	19.0	6.3	17.5	15.9	3.1	11.0	7.2	6.4	18.2	3.3		
of which: demand for prime lending	Past three months	27.8	27.5	-22.0	-38.8	-44.3	31.3	15.4	-7.7	12.5	20.4	-42.5	6.5		
	Next three months	38.5	18.1	17.4	6.3	16.8	15.9	17.1	1.0	7.5	9.9	11.0	4.2		
of which: demand for buy-to-let lending	Past three months	0.6	-4.0	6.9	-30.0	-15.8	22.2	43.4	21.6	7.6	-7.7	-63.8	34.7		
	Next three months	8.6	15.7	9.0	1.5	3.6	16.9	-10.3	29.7	-24.3	-16.6	7.8	-14.2		
How has demand for secured lending for	Past three months	-5.2	25.7	-28.8	-19.1	-26.8	11.9	17.5	13.8	15.0	4.8	-11.6	32.2		
remortgaging from households changed?	Next three months	26.8	5.0	25.0	10.1	8.3	11.2	15.7	-0.2	13.3	10.7	14.0	3.9		
How have overall secured lending spreads	Past three months	6.4	13.5	14.9	47.0	14.4	35.0	39.7	23.8	-24.3	-16.7	-3.7	-1.0		
changed?	Next three months	9.4	15.0	25.4	10.5	40.3	15.6	9.1	-6.9	-12.5	24.0	-0.4	24.0		
of which: spreads on prime lending	Past three months	6.4	13.5	14.9	47.0	14.4	35.0	41.3	24.7	-18.6	-16.7	-5.8	1.0		
	Next three months	9.4	15.0	26.0	10.5	38.4	15.6	9.8	-6.9	-12.5	22.5	-0.3	24.6		
of which: spreads on buy-to-let lending	Past three months	-1.8	21.9	24.8	28.1	-10.4	10.2	35.7	20.5	-24.1	-14.1	-18.1	-9.2		
	Next three months	12.8	23.6	10.6	11.5	17.4	21.1	17.1	-6.4	-9.1	25.5	-2.5	35.3		
How have fees on secured lending changed?	Past three months	6.9	-10.1	0.7	17.5	9.8	6.4	0.0	0.0	1.6	9.3	0.0	-2.2		
	Next three months	0.7	-1.4	9.5	0.7	7.0	0.0	0.0	0.0	0.7	0.0	1.5	2.2		
How have maximum loan to value ratios	Past three months	24.7	12.3	1.8	-0.7	11.0	0.8	0.7	8.0	0.0	1.6	1.6	1.9		
changed?	Next three months	4.0	0.7	0.0	0.0	-4.0	-0.8	1.9	1.5	2.3	0.7	-2.7	4.8		
How have maximum loan to income ratios	Past three months	8.2	5.9		-22.0		-0.3	6.1		-1.9	-5.1	1.4			
changed?	Next three months	0.0	-7.3	-1.6	-5.1	-9.0	6.0	-0.7	-7.5	0.0	2.1	1.9	1.8		

<sup>(</sup>a) Net percentage balances are calculated by weighting together the responses of those lenders who answered the question by their market shares. Positive balances indicate that lenders, on balance, reported/expected demand/credit availability/defaults to be higher than over the previous/current three-month period, or that the terms and conditions on which credit was provided became cheaper or looser respectively.

(b) A positive balance indicates that the changes in the factors described have served to increase credit availability.

(c) A positive balance indicates an improvement in the credit quality of new borrowing.

Annex 2 Unsecured lending to households questionnaire results

The methodology for calculating, and interpretation of, the aggregate results are as described in Annex 1.

		Net percentage balances <sup>(a)</sup>														
			2	2014			2	015			2	016				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
How has the availability of unsecured credit	Past three months	7.4	10.8	13.6	16.7	15.4	2.6	3.5	12.5	5.6	24.5	11.0	6.2			
provided to households changed?	Next three months	5.7	7.8	17.8	8.0	1.6	1.6	-2.8	10.0	16.6	16.7	2.4	-7.9			
Factors contributing to changes in credit availabi	lity:(b)															
changing economic outlook	Past three months	0.7	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.5	0.0	-0.7	-1.9			
	Next three months	4.3	-1.2	0.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	-8.4			
market share objectives	Past three months	6.6	0.7	12.4	6.3	13.1	-1.6	19.0	5.9	1.4	-0.4	-1.5	4.1			
	Next three months	18.3	16.4	20.0	25.8	15.7	8.5	7.7	11.9	4.5	4.0	2.2	3.7			
changing appetite for risk	Past three months	13.2	6.8	-0.9	12.2	5.8	1.3	0.2	7.4	0.5	0.4	0.0	-0.5			
	Next three months	1.8	2.0	-6.5	6.0	1.3	0.8	1.1	4.4	6.0	0.0	-0.5	-0.2			
changing cost/availability of funds	Past three months	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	-0.5	0.0	0.5			
	Next three months	0.0	-2.0	0.3	11.6	0.0	0.0	-5.1	1.1	0.0	9.3	-0.5	5.1			
How have credit scoring criteria for granting	Past three months	8.0	0.9	8.4	19.2	27.2	1.1	1.4	1.0	-5.0	10.9	5.0	-19.2			
credit card loan applications by households changed?	Next three months	13.2	14.4	6.6	2.9	9.9	-0.4	-28.1	-6.0	17.3	6.5	0.0	-11.2			
How have credit scoring criteria for granting	Past three months	8.6	24.5	20.1	29.8	0.0	6.5	7.8	17.0	22.7	21.6	11.6	14.9			
other unsecured loan applications by households changed?	Next three months	25.7	22.1	9.1	15.7	6.3	6.5	0.3	20.9	8.9	11.9	9.5	-4.4			
How have credit scoring criteria for granting	Past three months	8.1	4.9	10.4	21.1	22.2	2.1	2.8	3.9	0.2	12.9	6.2	-12.7			
total unsecured loan applications by households changed?	Next three months	15.3	15.7	7.1	5.2	9.2	0.9	-23.0	-1.1	15.8	7.5	1.8	-9.9			
How has the proportion of credit card loan	Past three months	0.4	0.4	19.0	11.9	-11.0	-5.4	-3.0	-20.1	-10.0	6.4	2.7	-5.8			
applications from households being approved changed?	Next three months	15.2	14.4	12.3	2.1	16.4	12.7	-10.7	12.2	33.2	17.3	2.5	1.2			
How has the proportion of other unsecured	Past three months	4.8	25.0	-8.2	18.9	9.5	-2.3	18.3	-2.0	7.1	13.5	5.5	4.2			
loan applications from households being approved changed?	Next three months	29.0	19.9	14.0	15.7	3.6	8.0	14.1	15.8	26.2	11.9	13.7	12.9			
How has the proportion of total unsecured	Past three months	1.2	4.6	14.3	13.2	-7.3	-4.8	0.9	-16.8	-6.8	7.7	3.2	-3.9			
loan applications from households being approved changed?	Next three months	17.5	15.3	12.6	4.5	14.1	11.8	-6.3	12.8	31.9	16.3	4.6	3.4			
How has the average credit quality of new	Past three months	-13.7	-6.3	3.1	-20.6	-18.3	7.2	-23.3	-15.5	-11.2	0.1	-20.6	5.5			
credit card lending to households changed?(c)	Next three months	-10.9	-7.9	12.9	6.0	-1.1	1.1	0.4	35.0	-16.8	-2.5	3.3	-4.7			
How has the average credit quality of new other	Past three months	17.8	-3.9	-12.6	3.8	12.8	4.6	15.3	-13.5	4.0	7.0	-5.0	25.5			
unsecured lending to households changed?(c)	Next three months	-4.8	2.4	-10.5	3.8	1.1	0.0	0.0	1.7	5.5	1.3	6.6	11.7			
How has the average credit quality of new total	Past three months	-8.4	-5.9	0.3	-16.2	-12.6	6.7	-16.3	-15.1	-8.4	1.4	-17.7	9.3			
unsecured lending to households changed?(c)	Next three months	-9.9	-6.1	8.8	5.6	-0.7	0.9	-0.4	28.7	-12.6	-1.8	3.9	-1.6			

		Net percentage balances <sup>(a)</sup>														
		2014 2015									2016					
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
How has the default rate on credit card loans	Past three months	-27.7	-27.4	-4.4	-24.3	-12.4	-13.0	-10.6	-2.7	2.2	2.9	7.7	13.9			
to households changed?	Next three months	-19.6	-12.0	17.5	-8.7	-5.8	-13.0	6.9	3.3	-4.1	5.4	-2.4	2.5			
How has the default rate on other unsecured	Past three months	-22.6	-7.2	-3.9	1.8	12.4	16.0	12.4	-20.3	17.5	4.4	32.3	25.5			
loans to households changed?	Next three months	-4.4	0.0	2.4	14.2	18.6	-1.5	-1.5	1.5	-16.0	12.6	-13.5	-12.9			
	5	26.0	22.0	4.0	40.6	7.0	7.6	6.5			2.2	42.4	464			
How has the default rate on total unsecured	Past three months  Next three months		-23.9	-4.3 14.8	-19.6 -4.6	-7.8 1.2	-7.6 -10.8	-6.5 5.4	-6.0 2.9	5.0 -6.3	3.2 6.7	12.4 -4.5	16.1 -0.4			
loans to households changed?			-10.0													
How have losses given default on credit card	Past three months	-10.9		-19.8			-12.4						-17.0			
loans to households changed?	Next three months	0.0	10.6	-1.6	-0./	-12.4	-0.6	-27.8	-12.3	-10.8	-10.9	0.0	-22.4			
How have losses given default on other	Past three months	0.0	-2.3	-2.4	5.0	0.0	-5.0	-8.0	-11.0	0.0	0.0	3.7	6.6			
unsecured loans to households changed?	Next three months	0.0	0.0	-2.4	0.0	-6.3		-12.8	-1.4	0.0	-7.0	2.6	0.0			
8																
How have losses given default on total	Past three months	-9.1	-3.1	-16.8	19.6	11.3	-11.0	-13.5	-16.0	-18.2	-8.9	0.1	-12.5			
unsecured loans to households changed?	Next three months	0.0	8.8	-1.8	-0.6	-11.3	-1.7	-25.1	-10.2	-8.8	-10.2	0.5	-18.1			
How has demand for credit card lending	Past three months	-26.7	-6.3	10.6	58.3	-7.7	4.2	17.0	-28.5	1.5	10.7	15.1	13.1			
from households changed?	Next three months	1.4	-2.0	27.8	35.4	0.3	13.1	2.2	38.7	3.5	17.3	8.6	4.3			
How has demand for other unsecured	Past three months	11.7	4.0	1.8	38.7	-5.4	5.7	35.7	31.3	24.0	26.9	5.2	12.0			
lending from households changed?	Next three months	29.4	13.6	24.8	14.0	11.4	9.0	12.8	18.2	19.3	1.3	18.1	8.7			
	D+ +	20.2	4.5	0.1	F40	7.2	4.5	20.4	17.0	г 7	12.7	12.2	12.0			
How has demand for total unsecured lending from households changed?	Past three months  Next three months	-20.2 6.1	-4.5 0.7	9.1 27.3	54.8 31.6	-7.2 2.4	4.5 12.3	20.4	-17.3 34.8	5.7 6.4	13.7 14.3	12.2 10.4	12.9 5.2			
How have spreads on credit cards changed?	Past three months  Next three months	-4.6	-13.2 -1.1	-0.4 -3.9	-5.7 -1.0	0.0	0.4	11.8	1.6	-17.8	-4.7 -10.4	-1.1 -7.0	7.0 17.8			
Changeu:	Next tillee months	-4.0	-1.1	-3.3	-1.0	1.1	0.0	0.0	1.0	0.0	-10.4	-7.0	17.0			
How have spreads on other unsecured	Past three months	44.3	15.2	9.3	51.7	36.7	16.7	43.3	-22.8	-5.4	-17.3	-38.2	7.3			
lending products changed?	Next three months	44.5	30.7	7.7	-2.9	33.4	23.9	-9.5	-6.4	-18.1	-24.1	30.9	6.3			
How have overall unsecured lending	Past three months	7.4		1.3	4.6	6.4	3.3			-15.6		-8.1	7.1			
spreads changed?	Next three months	3.6	4.4	-1.9	-1.3	6.7	4.2	-1.6	-0.1	-3.0	-12.9	0.2	15.9			
How have credit card limits changed?	Past three months	6.7	0.9	6.6	-12.5	-5.9	-15.2	11.2	13.9	0.6	12.4	22.5	-1.6			
	Next three months	0.9	8.8	7.5	8.8	6.6	9.3	3.2	12.9	17.4	10.9	3.3	6.4			
How has the minimum proportion of	Past three months	-6.6	0.0	-6.6	0.0	0.0	-1.1	-1.6	-2.5	2.3	1.0	7.7	11.4			
credit card balances to be paid changed?	Next three months	0.0	2.0	-6.6	0.0	0.0	-12.5	-2.0	-2.8	0.6	0.0	7.7	3.3			
How have the following terms on new credit ca	rd lending to househo	lds cha	nged?													
Length of interest free period on balance	Past three months	n.a.**	n.a.**	n.a.**	n.a.**	31.1	20.4	0.7	21.0	1.1	7.9	13.3	2.1			
transfers	Next three months					28.5	1.2	1.3	1.1	8.8	2.2	18.3	15.5			
Length of interest free period for purchases	Past three months	n.a.**	n.a.**	n.a.**	n.a.**	0.0	7.7	13.5	11.1	1.7	12.6	0.0	7.7			
	Next three months	n.a.**	n.a.**	n.a.**	n.a.**	-5.6	1.2	-1.1	0.0	13.6	-2.8	3.9	0.2			
How have maximum maturities on loans	Past three months	0.0	2.2	0.0	5.1	0.0	0.0	-2.3	4.4	0.0	0.0	0.0	0.0			
changed? <sup>(d)</sup>	Next three months	0.0	2.2	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8			

 $<sup>\</sup>ensuremath{^{**}}$  Additional question not asked in survey.

<sup>(</sup>a) Net percentage balances are calculated by weighting together the responses of those lenders who answered the question by their market shares. Positive balances indicate that lenders, on balance, reported/expected demand/credit availability/defaults to be higher than over the previous/current three-month period, or that the terms and conditions on which credit was provided became cheaper or looser respectively.

<sup>(</sup>b) A positive balance indicates that the changes in the factors described have served to increase credit availability/demand.

<sup>(</sup>c) A positive balance indicates an improvement in the credit quality of new borrowing.

(d) A positive balance indicates an improvement in the credit quality of new borrowing.

(d) A positive balance indicates an increase in maximum maturities on new loans. The sign convention was changed in 2009 Q4 and was applied to the back data accordingly.

Annex 3
Corporate lending questionnaire results

The methodology for calculating, and interpretation of, the aggregate results are as described in Annex 1.

		Net percentage balances(a)											
			2	014			2	015			2	016	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
How has the availability of credit provided to	Past three months	12.7	4.8	2.6	2.0	0.6	0.6	1.4	-0.1	3.2	1.2	0.0	-1.8
the corporate sector overall changed?	Next three months	14.4	13.7	1.7	3.6	1.5	9.6	1.4	2.4	0.2	0.0	0.0	0.2
of which: commercial real estate sector	Past three months	14.6	-0.9	-0.9	3.9	6.7	2.7	1.4	2.2	4.6	-11.5	-0.7	-0.9
	Next three months	15.8	2.8	-0.9	3.9	3.6	9.7	0.8	3.4	1.3	-10.7	0.0	0.0
How have commercial property prices affected	Past three months	14.5	2.5	2.3	22.4	0.6	0.6	1.7	0.6	2.0	-10.9	-12.1	-12.4
credit availability to the commercial real estate	Next three months	2.5	2.5	0.0	3.7	-3.9	0.0	1.1	0.6	1.1	-10.9	-12.1	-12.9
sector, and/or secured lending to PNFCs?													
Factors contributing to changes in credit availabi	lity:(b)												
changing economic outlook	Past three months	18.2	32.5	24.3	4.2	0.6	0.6	0.6	0.6	9.0	0.0	-2.5	0.0
	Next three months	19.9	32.5	10.6	-17.9	0.0	6.9	-1.0	8.6	6.6	-8.3	0.0	8.4
changing sector-specific risks	Past three months	5.7	2.4	-0.4	6.1	0.0	0.0	0.1	1.2	3.5	-8.8	-0.5	0.8
	Next three months	5.7	12.0	-2.1	-1.5	5.4	1.5	-1.3	1.2	2.5	-7.1	0.7	10.0
market share objectives	Past three months	20.0	19.2	9.9	8.1	7.1	13.5	0.4	0.0	0.6	0.0	0.0	-1.8
,	Next three months	20.6	22.2	8.1	8.1	8.6	3.8	0.0	0.6	0.6	0.0	0.0	1.5
market pressures from capital markets	Past three months	12.8	16.8	14.2	8.1	0.6	-1.7	-0.4	-0.4	1.3	2.4	0.0	0.0
	Next three months	12.8	18.0	7.2	0.0	0.0	-2.4	0.0	-0.4	0.0	1.2	0.0	-1.3
changing appetite for risk	Past three months	11.8	4.5	1.7	13.1	0.0	0.0	1.4	-1.4	3.8	0.0	0.1	0.0
	Next three months	14.9	14.9	0.0	0.9	3.7	1.4	0.0	1.1	0.9	1.3	0.0	-2.0
tight wholesale funding conditions	Past three months	11.4	-2.7	7.0	0.0	1.3	0.0	0.0	-0.7	0.0	0.0	0.0	0.7
	Next three months	0.0	-2.7	0.0	0.0	1.3	0.0	0.0	-0.7	0.0	0.0	0.0	0.8
How has the availability of credit provided to	Past three months	7.6	4.9	-9.4	0.0	0.0	19.0	5.2	1.4	1.4	0.0	0.0	0.0
small businesses changed?	Next three months	1.9	-9.4	-13.0	-11.8	21.0	13.9	23.6	2.1	1.4	0.0	0.0	0.0
How has the availability of credit provided to	Past three months	0.6	3.6	2.4	0.6	0.6	-0.7	1.5	1.4	3.4	0.0	0.0	0.0
medium PNFCs changed?	Next three months	1.8	10.3	0.6	4.3	0.6	3.4	1.5	4.2	-6.8	0.0	0.0	0.0
How has the availability of credit provided to	Past three months	11.5	5.9	1.5	14.9	12.0	-1.4	0.0	-1.4	-1.3	1.2	-1.1	-1.8
large PNFCs changed?	Next three months	11.5	5.9	-0.2	3.5	-0.1	2.7	0.0	2.5	2.4	0.0	0.0	0.2
How has the proportion of loan applications	Past three months	15.4	7.5	-14.9	-0.7	-11.1	26.6	44.2	19.9	10.6	-0.7	-4.8	0.0
from small businesses being approved changed?	Next three months	0.6	-11.9	-12.1	2.4	7.0	3.6	13.3	12.7	12.0	0.7	-4.8	-10.3
How has the proportion of loan applications	Past three months	1.2	7.3	9.1	-1.2	-0.5	-0.4	8.3	0.0	-0.7	-0.7	-4.8	0.0
from medium PNFCs being approved changed?	Next three months	7.3	9.1	10.9	1.2	1.2	1.2	0.0	0.9	0.7	1.4	-4.8	0.0
How has the proportion of loan applications	Past three months	0.3	4.4	0.9	-0.8	-0.7	6.4	0.6	0.0	-1.7	-0.6	-4.6	0.5
from large PNFCs being approved changed?	Next three months	-0.3	5.0	3.4	-0.2	-0.1	18.0	0.0	0.8	-1.7	0.6	-3.3	-0.8

		2014			'	2	015			2016				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Has there been a change in average credit	Past three months	-0.9	-7.6	-4.5	6.6	-7.7	-9.2	0.0	10.5	0.0	0.0	0.0	0.0	
quality on newly arranged PNFC borrowing facilities? (c)	Next three months	-0.9	-0.9	-4.5	0.0	-1.1	-1.3	0.0	0.0	-1.1	0.0	0.0	0.0	
Has there been any change in 'target hold'	Past three months	-10.8	-13.5	-7.4	-13.8	-6.6	0.0	-0.6	1.0	1.1	0.0	0.0	1.8	
levels associated with corporate lending?	Next three months	-10.0	-7.9	-7.2	-0.6	-0.6	-1.9	0.0	-0.6	0.0	0.0	0.0	1.8	
How have loan tenors on new corporate	Past three months	11.2	11.3	10.5	2.9	-0.7	11.5	11.5	-0.5	0.0	0.0	0.0	0.0	
loans changed?(d)	Next three months	11.2	14.7	11.1	-0.2	11.3	11.5	10.1	0.1	0.0	0.0	0.0	0.0	
Has there been a change in draw-downs on	Past three months	-1.1	-2.0	2.3	-1.0	-0.1	-0.1	1.5	2.0	0.0	-24.5	0.0	0.0	
committed lines by PNFCs?	Next three months	-0.2	7.5	2.7	-0.8	0.6	0.6	1.0	1.4	0.0	-0.7	0.0	0.0	
How has the default rate on loans to	Past three months	8.4	-18.6	8.4	-33.8	-10.3	-34.8	-19.7	-23.6	-26.9	-21.0	-1.8	9.6	
small businesses changed?	Next three months	0.6	-0.6	-14.9	-10.8	-10.8	-15.1	-4.4	-11.3	-11.2	-11.1	-11.3	11.7	
How has the default rate on loans to	Past three months	-12.8	-14.1	-10.4	-11.9	-11.2	-7.3	-1.9	-11.0	4.5	0.0	0.0	11.3	
medium PNFCs changed?	Next three months	9.4	-2.1	-4.0	-1.4	-0.8	-3.4	-0.6	11.5	0.0	0.0	0.0	0.0	
How has the default rate on loans to	Past three months	-7.6	-25.5	-23.7	-15.1	-20.0	-12.2	1.5	1.0	2.7	0.0	0.0	0.0	
large PNFCs changed?	Next three months	-12.9	-13.3	-18.4	-13.6	0.0	-4.0	7.3	12.9	13.8	1.2	0.0	0.0	
How has losses given default on loans to	Past three months	0.6	-3.7	-3.7	-3.0	-3.5	-19.3	-14.6	-13.5	-11.9	-11.1	-11.3	0.0	
small businesses changed?	Next three months	0.6	-3.1	-3.0	-3.0	-2.9	-7.1	-12.8	-12.5	-11.2	-11.1	-11.3	0.0	
How have losses given default on loans	Past three months					-16.7		-14.1	9.1	-0.7	0.0	0.0	0.0	
to medium PNFCs changed?	Next three months	-15.3	-10.4	-9.2	-2.3	0.0	-4.1	0.0	-1.7	0.0	0.0	0.0	0.0	
How have losses given default on loans	Past three months	-14.8	-23.3	-23.9	-16.8	-14.0	-18.3	-10.9	-0.6	0.7	0.0	0.0	0.0	
to large PNFCs changed?	Next three months	-13.6	-9.3	-9.4	-2.4	0.0	-4.1	0.0	-0.6	1.3	0.0	0.0	0.0	
How has demand for credit card lending from	Past three months	-4.7	3.6	23.3	2.3	23.1	22.7	41.8	2.8	-1.0	27.6	-2.7	-3.3	
small businesses changed?	Next three months	18.0	23.1	17.4	8.5	8.4	8.1	9.7	6.7	34.8	-12.9	18.1	6.9	
How has demand for other unsecured lending	Past three months	-2.3		-11.7	0.0			-11.0	12.4	19.4	-1.1	-15.4	-39.6	
from small businesses changed?	Next three months	22.0	10.4	12.3	-7.5	13.5	3.5	32.4	-4.6	-6.7	-1.1	-11.5	-12.5	
How has demand for total unsecured lending	Past three months	-4.3	4.3	17.0	1.9	17.2	22.1	32.1	4.9	3.4	22.0	-4.7	-9.7	
from small businesses changed?	Next three months	18.7	20.8	16.5	5.5	9.3	7.2	15.2	4.7	24.4	-10.6	10.9	4.1	
How has demand for secured lending from	Past three months	-2.3	-0.5	-26.1	12.9	-13.6	19.2	-6.6	-12.2	-4.2	3.0	-17.5	-44.8	
small businesses changed?	Next three months	18.9	19.9	13.1	-6.8	18.9	5.3	2.3	-7.2	10.9	11.1	-11.7	-12.1	
How has overall demand for lending from	Past three months	13.4	28.1	-12.5	-14.6	-2.5	27.0	11.5	-12.8	-5.5	10.5	-28.0	-28.6	
small businesses changed?	Next three months	19.4	16.5	7.7	-4.6	20.4	7.4	16.0	-1.5	19.4	0.7	-4.8	-11.9	
How has demand for lending from	Past three months	25.6	25.8	29.4	31.8	4.1	2.2	15.5	12.3	-14.4	8.5	-24.5	-32.4	
medium PNFCs changed?	Next three months	22.2	21.8	21.4	21.2	10.0	10.9	13.7	8.7	15.8	0.7	-17.2	9.8	
How has demand for lending from	Past three months	22.6	23.6	19.0	5.8	17.0	19.1	10.3	11.7	-3.3	-32.8	-46.8	0.6	
large PNFCs changed?	Next three months	29.9	11.4	10.7	5.6	-1.6	10.7	0.9	19.8	-3.9	11.8	5.7	-12.1	

						. tet pe				2016				
				2014				015			2016			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
How has demand for lending from OFCs	Past three months	17.1	14.4	39.0	0.0	0.0	27.4	39.9	26.1	17.6	0.0	8.8	34.8	
changed?	Next three months	17.1	14.4	24.4	27.2	27.4	18.0	26.0	21.3	12.6	0.0	8.8	9.0	
What have been the main factors contributing	to changes in demand	for lend	ling:(b)											
mergers and acquisitions	Past three months	27.0	36.0	28.9	43.2	10.3	16.0	12.4	32.3	-12.6	-7.2	-22.8	12.6	
	Next three months	26.4	28.3	16.6	7.2	17.7	7.3	9.2	18.8	-16.6	-11.1	5.1	0.1	
capital investment	Past three months	17.9	19.5	13.9	5.0	11.7	0.1	9.2	11.2	-0.7	7.8	-7.0	-31.6	
	Next three months	25.2	24.6	3.8	3.9	1.1	10.5	0.0	0.6	-4.9	0.0	-6.0	-2.6	
inventory finance	Past three months	22.2	11.9	10.8	-0.9	-4.2	-1.4	16.3	1.6	-0.2	0.0	-7.0	-0.8	
	Next three months	6.0	13.5	3.8	0.0	0.0	0.0	12.9	0.6	0.0	0.0	-6.0	0.0	
balance sheet restructuring	Past three months	5.2	1.0	3.2	4.5	6.0	-1.0	-1.1	1.7	-4.7	-0.8	-17.5	0.0	
	Next three months	28.4	-1.8	1.3	4.5	7.1	-1.0	0.0	8.6	1.1	1.5	4.4	-0.8	
commercial real estate	Past three months	26.9	29.3	25.7	30.0	32.4	11.2	7.5	15.2	15.5	-33.2	-33.1	-23.3	
	Next three months	39.8	28.7	20.7	15.6	10.1	17.4	10.9	15.2	0.9	-5.1	-10.3	-11.1	
How have spreads on loans to	Past three months	3.3	3.1	3.0	3.0	0.6	4.9	12.1	-1.4	0.7	0.0	0.0	0.0	
small businesses changed?	Next three months	3.3	-4.7	3.0	3.0	7.9	4.2	0.0	0.6	0.7	-10.5	-11.3	-11.7	
How have fees/commissions on loans to	Past three months	0.0	0.0	-13.0	13.0	12.8	0.0	9.8	12.0	12.6	11.1	0.0	0.0	
small businesses changed?	Next three months	0.0	0.0	13.0	0.0	0.0	0.0	0.0	12.0	0.7	0.0	0.0	0.0	
How have collateral requirements for loans	Past three months	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	
to small businesses changed?	Next three months	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
How have maximum credit lines for	Past three months	0.0	0.0	0.6	0.6	0.8	0.6	0.7	0.7	0.7	0.0	0.0	0.0	
small businesses changed?	Next three months	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	
How have loan covenants for	Past three months	0.0	0.0	4.8	5.1	5.3	0.0	0.0	0.0	0.8	0.0	0.0	0.0	
small businesses changed?	Next three months	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
How have spreads on loans to medium	Past three months	14.7	35.2	29.7	41.7	37.5	43.4	25.7	4.5	9.6	0.9	20.8	-11.7	
PNFCs changed?	Next three months	23.9	29.1	22.2	10.3	5.2	8.9	7.7	0.6	2.0	1.4	-11.8	0.0	
How have fees/commissions on loans to	Past three months	14.9	16.4	14.7	37.4	22.1	28.2	12.1	4.6	9.6	5.5	9.5	0.0	
medium PNFCs changed?	Next three months	15.8	10.9	14.7	9.3	5.2	8.3	0.0	12.0	2.0	1.4	0.0	0.0	
How have collateral requirements for loans	Past three months	-0.3	0.6	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	
to medium PNFCs changed?	Next three months	0.0	1.8	0.0	0.0	6.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	
How have maximum credit lines for	Past three months	0.8	1.0	3.6	0.0	6.8	8.3	8.7	8.2	10.0	0.0	0.0	8.9	
medium PNFCs changed?	Next three months	1.7	4.6	3.6	0.0	6.8	8.3	0.6	9.6	9.3	0.0	0.0	0.0	
How have loan covenants for medium	Past three months	-0.9	11.2	10.9	11.8	10.8	12.3	11.5	0.0	0.7	9.2	9.5	0.0	
PNFCs changed?	Next three months	7.2	5.7	10.3	0.9	10.8	9.0	0.0	0.0	0.0	9.2	0.0	0.0	

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		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
How have spreads on loans to large	Past three months	45.8	50.6	49.8	45.0	50.0	46.3	23.0	13.1	-1.3	4.6	1.2	-5.3		
PNFCs changed?	Next three months	42.7	30.2	25.7	20.9	8.7	5.3	7.3	7.1	0.0	0.5	0.5	-7.5		
How have fees/commissions on loans	Past three months	23.7	47.4	47.4	46.7	34.9	31.3	21.3	11.7	0.6	4.6	0.0	-6.5		
to large PNFCs changed?	Next three months	28.9	27.8	26.9	21.3	8.7	1.3	8.4	8.5	1.9	1.3	0.0	-7.5		
How have collateral requirements for	Past three months	-0.3	11.0	1.7	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
loans to large PNFCs changed?	Next three months	0.0	5.3	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0		
How have maximum credit lines for	Past three months	31.1	32.2	19.6	1.5	7.6	2.5	9.7	1.1	0.7	0.0	0.0	-0.8		
large PNFCs changed?	Next three months	13.2	6.6	0.9	0.9	7.8	2.5	7.6	8.4	0.0	0.0	0.0	0.0		
How have loan covenants for large	Past three months	30.8	29.9	26.9	43.4	23.8	29.2	12.4	11.7	0.6	0.0	1.1	1.8		
PNFCs changed?	Next three months	31.2	38.8	47.2	8.4	12.6	2.5	1.5	9.1	0.0	0.0	1.1	1.8		
How have spreads on loans to OFCs	Past three months	46.6	48.0	48.1	39.5	26.3	27.9	32.5	29.9	-7.1	0.0	8.8	0.0		
changed?	Next three months	46.0	42.9	34.3	27.2	27.0	22.2	7.9	12.5	-21.2	0.0	-8.8	0.0		
How have fees/commissions on loans	Past three months	43.9	46.7	42.7	38.5	26.3	26.6	14.3	17.2	0.0	0.0	8.8	11.8		
to OFCs changed?	Next three months	43.3	42.9	34.3	26.2	14.7	26.6	0.0	12.5	0.0	0.0	8.8	-9.0		
How have collateral requirements for	Past three months	0.6	0.0	5.3	0.0	-14.7	7.7	7.9	0.0	0.0	0.0	0.0	0.0		
loans to OFCs changed?	Next three months	0.0	0.0	0.0	0.0	-14.7	0.0	7.9	0.0	9.5	0.0	0.0	0.0		
How have maximum credit lines for	Past three months	21.9	34.1	34.3	18.9	13.5	32.8	20.6	17.2	4.0	27.0	-8.8	9.0		
OFCs changed?	Next three months	34.8	34.1	34.3	18.9	25.8	25.2	7.9	0.0	4.0	18.0	-8.8	9.0		

<sup>(</sup>a) Net percentage balances are calculated by weighting together the responses of those lenders who answered the question by their market shares. Positive balances indicate that lenders, on balance, reported/expected demand/credit availability/defaults to be higher than over the previous/current three-month period, or that the terms and conditions on which credit was provided became cheaper or looser respectively.

(b) A positive balance indicates that the changes in the factors described have served to increase credit availability/demand.

(c) A positive balance indicates an improvement in the credit quality of new borrowing.

(d) A positive balance indicates an increase in new corporate loan tenors. The sign convention was changed in 2009 Q3 and was applied to the back data accordingly.