

Eurosystem bank lending survey

Results for Germany, unweighted changes¹⁾²⁾

I. Loans to enterprises

1. Over the past three months, how have your bank's credit standards as applied to the approval of loans or credit lines to enterprises changed?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	0	6	0	6	6	-9	0	-3	3	0	0	-3	0	-3	3	0	0	-6	-3	-3
* Loans to small and medium-sized enterprises	0	-7	-3	0	3	-7	-3	-7	0	3	0	0	0	-7	0	0	0	-3	-3	0
* Loans to large enterprises	0	7	7	17	14	-10	3	3	3	-3	0	-3	-3	3	0	0	0	-10	0	-3
* Short-term loans	-4	0	0	3	9	-9	0	-3	3	0	0	-3	0	-6	0	0	0	-9	-3	-3
* Long-term loans	7	6	3	3	6	-9	3	-3	3	-3	0	-3	0	3	0	0	0	-9	-3	-3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	0	-3	-3	-9	-3	-3	-3	-3	-3	3	3	3	0	13	9	6	6	6	-3	
* Loans to small and medium-sized enterprises	0	-3	-3	-6	-3	-3	-3	-3	0	3	0	-3	3	7	13	7	7	6	-6	
* Loans to large enterprises	0	-4	0	-13	0	-3	-3	-3	-7	3	3	0	-3	14	13	10	7	7	-3	
* Short-term loans	0	-6	-3	-3	-3	-3	-3	-3	-3	0	3	3	0	10	13	9	6	6	-3	
* Long-term loans	0	-3	-3	-12	-3	-3	-3	-3	-3	3	-3	3	0	10	13	6	6	9	0	

¹⁾The results reported in the respective month refer to the previous quarter.

²⁾ Discrepancies may exist between the net balances presented here and the harmonised data for Germany published in the ECB's Statistical Datawarehouse owing to differences in the treatment of the "not applicable" response category.

* For questions concerning supply: difference between the total number of "tightened considerably" and "tightened somewhat" responses and the total number of "eased somewhat" and "eased considerably" responses (as a percentage of all responses).

** For questions concerning demand: the difference between the total number of "increased considerably" and "increased somewhat" responses and the total number of "decreased somewhat" and "decreased considerably" responses (as a percentage of all responses).

More details and background information on the *bank lending survey* are contained in the following articles: "A bank lending survey for the euro area", *ECB Monthly Bulletin*, April 2003, pp 65 - 75, "Bank Lending Survey: an interim assessment and current developments", Deutsche Bundesbank, *Monthly Report*, January 2009, pp 15 - 30, and "Evolution of the Bank Lending Survey since the onset of the financial crisis", Deutsche Bundesbank, *Monthly Report*, July 2016, pp 15 - 40. In addition, the quarterly survey results are the topic of regular commentary in the ECB's *Monthly Bulletin* and the Bundesbank's *Monthly Report*.

2. Over the past three months, how have the following factors affected your bank's credit standards as applied to the approval of loans or credit lines to enterprises (as described in question 1)?

Overall	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	4	13	6	13	3	-3	9	3	3	6	0	0	0	0	0	0	3	0	0	0
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	4	-3	-3	0	0	0	0	0	0	-3	0	-6	0	-3	0	0	0	0	0	0
* Your bank's liquidity position	7	-9	-6	-3	0	-3	-3	0	0	0	0	-6	0	-3	0	0	0	-3	0	0
B) Pressure from competition																				
* Competition from other banks	-4	-9	-3	-3	3	-6	-6	0	3	-9	0	-3	-3	-9	0	0	0	-6	3	0
* Competition from non-banks	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	0	0	-3	-3	0	0
* Competition from market financing	0	0	0	0	0	-3	0	0	0	-3	0	-3	0	0	0	0	0	-3	0	0
C) Perception of risk																				
* General economic situation and outlook	4	-3	3	9	9	-3	0	0	-3	-3	0	3	0	0	0	0	0	0	0	0
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	7	0	13	6	13	6	3	0	0	6	3	3	0	0	3	0	0	-3	0	0
* Risk on the collateral demanded	4	3	3	0	0	0	0	3	0	0	3	3	0	0	3	0	0	0	0	0
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	3	3	3	-3	0	-3

Overall	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	0	0	0	0	0	0	0	0	0	0	3	3	0	10	9	0	0	0	0	
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	-3	0	-3	-3	
* Your bank's liquidity position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	-3	0	0	0	
B) Pressure from competition																				
* Competition from other banks	0	0	0	-6	-3	-6	-6	-3	-3	-6	-3	0	-3	-3	0	0	0	-3	0	
* Competition from non-banks	0	0	0	0	0	-6	-6	-3	0	-3	0	0	0	0	0	0	0	0	0	
* Competition from market financing	0	0	0	0	0	-3	-3	-3	0	0	0	0	0	3	0	0	0	0	0	
C) Perception of risk																				
* General economic situation and outlook	0	0	0	0	-3	0	3	0	0	6	3	3	0	17	25	6	6	6	-3	
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	0	0	0	-3	0	0	-3	-3	0	3	6	6	3	20	34	22	6	9	-3	
* Risk on the collateral demanded	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6	3	0	3	0	
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	0	0	0	0	0	-3	0	0	0	0	0	0	0	3	6	3	0	3	-3	

¹⁾ Can involve the use of credit derivatives, with the loans remaining on the bank's balance sheet.

²⁾ Involves the sale of loans from the bank's balance sheet.

³⁾ Risks related to non-performing loans may be reflected not only in the "industry or firm-specific situation and outlook/borrower's creditworthiness", but also in the bank's "cost of funds and balance sheet constraints".

Continued 2. Over the past three months, how have the following factors affected your bank's credit standards as applied to the approval of loans or credit lines to enterprises (as described in question 1)?

Loans to small and medium-sized enterprises	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	0	3	3	7	7	-3	7	3	3	3	0	0	0	0	0	0	3	0	0	0
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	0	-3	0	0	3	0	0	0	0	0	0	-3	0	-3	0	0	0	0	0	0
* Your bank's liquidity position	8	-7	-3	-3	0	-3	-3	0	0	0	0	-3	0	-3	0	0	0	-3	0	0
B) Pressure from competition																				
* Competition from other banks	-4	-13	-3	-3	3	-3	-7	0	0	-7	0	-3	-3	-13	0	0	0	-7	-3	0
* Competition from non-banks	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	0	0	-3	-3	0	0
* Competition from market financing	0	0	0	0	0	0	0	0	0	-3	0	0	0	0	0	0	0	-3	0	0
C) Perception of risk																				
* General economic situation and outlook	4	-3	3	3	3	-3	0	0	0	0	0	3	0	0	0	0	3	0	0	0
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	12	3	10	7	10	7	3	0	0	7	0	3	0	0	0	0	3	-3	0	0
* Risk on the collateral demanded	4	3	3	0	0	0	0	0	0	-3	0	3	0	0	0	0	3	0	0	0
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	-	-	-	-	-	-	-	-	-	-	-	-	-	-7	0	0	3	-3	0	0

Loans to small and medium-sized enterprises	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	0	0	0	0	0	0	0	0	0	0	3	0	0	10	10	0	0	0	0	0
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	-3	0	0	-3	0
* Your bank's liquidity position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	-3	0	0	0	0
B) Pressure from competition																				
* Competition from other banks	0	0	0	-6	0	-7	-7	-3	0	-3	-3	-3	0	-3	0	0	0	-3	-3	0
* Competition from non-banks	0	0	0	0	0	-7	-7	-3	0	-3	-3	0	0	0	0	0	0	0	0	0
* Competition from market financing	0	0	0	0	0	-3	-3	-3	0	0	0	0	0	3	0	0	0	0	0	0
C) Perception of risk																				
* General economic situation and outlook	0	0	0	0	0	0	3	0	0	3	0	0	0	14	23	10	7	6	0	0
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	0	0	0	-3	0	0	-3	-3	0	3	7	3	3	17	33	20	7	10	-3	0
* Risk on the collateral demanded	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	3	0	3	0	0
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	0	0	0	0	0	-3	0	0	0	0	0	-3	0	0	10	3	0	3	0	0

¹⁾ Can involve the use of credit derivatives, with the loans remaining on the bank's balance sheet.

²⁾ Involves the sale of loans from the bank's balance sheet.

³⁾ Risks related to non-performing loans may be reflected not only in the "industry or firm-specific situation and outlook/borrower's creditworthiness", but also in the bank's "cost of funds and balance sheet constraints".

Continued 2. Over the past three months, how have the following factors affected your bank's credit standards as applied to the approval of loans or credit lines to enterprises (as described in question 1)?

Loans to large enterprises	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	4	14	7	14	7	0	10	3	3	7	-3	0	0	3	0	0	3	0	0	0
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	4	0	-3	0	0	0	0	0	0	-3	-3	-3	0	0	0	0	0	0	0	0
* Your bank's liquidity position	8	-10	-7	0	0	-3	-7	0	0	0	-3	-3	0	0	0	0	0	-3	0	0
B) Pressure from competition																				
* Competition from other banks	-4	-10	-3	0	0	-10	-7	0	3	-10	-3	0	-3	0	-3	0	0	-3	3	0
* Competition from non-banks	0	0	0	0	0	0	0	0	0	-3	-3	0	0	0	0	0	-3	-3	0	0
* Competition from market financing	0	0	0	0	0	-3	0	0	0	-3	-3	-3	0	0	0	0	0	-3	0	0
C) Perception of risk																				
* General economic situation and outlook	4	-3	7	14	10	0	0	0	-3	-3	-3	0	0	0	0	0	0	-3	0	0
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	4	0	17	10	14	3	3	0	0	3	0	0	0	0	3	0	0	-3	0	0
* Risk on the collateral demanded	0	7	3	0	0	0	3	3	0	0	0	0	0	0	3	0	0	0	0	0
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	3	3	-3	0	-3

Loans to large enterprises	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints																				
* Costs related to your bank's capital position ¹⁾	0	4	0	0	0	0	0	0	0	0	3	3	0	11	10	0	0	0	0	
* Your bank's ability to access market financing (e.g. money or bond market financing including true-sale securitisation ²⁾)	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	-3	0	-3	-3	
* Your bank's liquidity position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	-3	0	0	0	
B) Pressure from competition																				
* Competition from other banks	0	0	0	-10	-3	-7	-7	-3	-3	-3	-3	0	-3	-4	0	0	0	-3	0	
* Competition from non-banks	0	0	0	-3	0	-7	-7	-3	0	0	0	0	0	0	0	0	0	0	0	
* Competition from market financing	0	0	0	0	0	-3	-3	-3	0	0	0	0	0	4	0	0	0	0	0	
C) Perception of risk																				
* General economic situation and outlook	0	0	0	0	-3	0	3	0	0	7	3	3	0	18	27	13	7	7	0	
* Industry or firm-specific situation and outlook/borrower's creditworthiness ³⁾	0	0	0	-3	3	0	-3	-3	0	3	7	7	0	18	33	20	7	10	-3	
* Risk on the collateral demanded	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	3	0	3	0	
D) Your bank's risk tolerance																				
* Your bank's risk tolerance	0	-4	0	0	3	-3	-3	0	0	0	0	0	0	0	7	3	0	0	0	

¹⁾ Can involve the use of credit derivatives, with the loans remaining on the bank's balance sheet.

²⁾ Involves the sale of loans from the bank's balance sheet.

³⁾ Risks related to non-performing loans may be reflected not only in the "industry or firm-specific situation and outlook/borrower's creditworthiness", but also in the bank's "cost of funds and balance sheet constraints".

3. Over the past three months, how have your bank's terms and conditions for new loans or credit lines to enterprises changed?

Overall	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	-9	-16	-25	-13	0	-3
* Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	-9	-16	-25	-13	0	-3
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	26	0	13	13	19	9	3	-3	9	-6	-9	-13	-22	-9	-28	-13	-16	-16	-9	-19
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	30	22	16	22	19	16	9	3	9	3	-6	-6	-13	3	-13	3	-13	-6	3	0
C) Other terms and conditions																				
* Non interest rate charges	7	-3	9	-3	-6	6	0	3	3	6	-3	-16	-6	-9	-9	-9	-16	-9	-6	0
* Size of the loan or credit line	4	3	6	9	0	3	3	0	0	-3	-6	-6	-9	-3	-6	-6	-13	-9	0	-3
* Collateral requirements	7	0	6	6	-3	3	-3	-9	-3	-6	-6	-6	-6	-9	-6	-6	-13	-9	-3	-6
* Loan covenants	11	-3	13	9	-3	-3	-3	-9	-6	-3	-9	-16	-9	-6	-9	-9	-13	-13	-6	-9
* Maturity	15	0	6	3	0	3	3	-9	-3	-3	-6	-13	-9	-6	-9	-9	-16	-3	0	0

Overall	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-13	-13	-13	-9	-13	-19	-9	-10	-3	3	6	0	6	7	16	9	13	0	-9	
* Overall terms and conditions	-13	-13	-13	-9	-13	-19	-9	-10	-3	3	6	0	6	7	16	9	13	0	-9	
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	-6	-19	-19	-3	-13	-25	-19	-16	-6	3	3	6	6	7	16	3	13	3	-3	
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	-6	-13	-13	3	0	-13	-6	-6	3	0	3	16	6	7	25	9	22	6	0	
C) Other terms and conditions																				
* Non interest rate charges	-3	3	-3	0	-3	-6	-3	-6	0	0	0	-3	0	0	9	3	3	0	0	
* Size of the loan or credit line	-3	-3	-3	0	0	-6	-3	-3	-3	-3	-3	-3	3	3	3	6	0	-6	-3	
* Collateral requirements	-3	-6	-6	-6	-3	-3	-3	-3	0	0	0	-3	3	13	19	13	13	-3	0	
* Loan covenants	-9	-10	-16	-9	0	-6	-6	-3	0	0	3	-6	0	10	3	3	0	-3	0	
* Maturity	-3	-6	-13	-9	-3	-13	-6	0	3	3	3	0	0	3	0	0	6	0	-3	

Continued 3. Over the past three months, how have your bank's terms and conditions for new loans or credit lines to enterprises changed?

Loans to small and medium-sized enterprises	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
<u>A) Overall terms and conditions</u>																				
* Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	-3	-7	-13	-7	3	7
<u>B) Margins</u>																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	24	-7	7	0	20	13	0	7	17	-3	0	-3	-20	-7	-20	-7	-3	-10	-3	-3
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	20	20	10	10	27	20	13	7	17	7	0	3	-10	7	-10	3	-3	-3	3	3
<u>C) Other terms and conditions</u>																				
* Non interest rate charges	8	-3	7	0	-10	3	0	3	7	3	0	-13	-7	-7	-7	-7	-7	-10	-7	0
* Size of the loan or credit line	0	0	0	7	-3	0	3	0	0	-3	-3	-7	-10	-3	-3	-3	-3	-7	-3	-3
* Collateral requirements	8	0	3	10	-3	7	0	-3	-3	-7	-7	-7	-7	-7	-3	-3	-3	-7	-3	-7
* Loan covenants	4	-3	0	3	-7	-3	0	0	-3	0	-3	-7	-7	-3	-7	-3	-7	-7	-3	-3
* Maturity	16	0	3	0	-3	0	0	-7	-3	-3	-3	-10	-10	-3	-7	-3	-7	-3	0	3

Loans to small and medium-sized enterprises	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
<u>A) Overall terms and conditions</u>																				
* Overall terms and conditions	-7	-7	-10	-3	-10	-13	-7	-17	0	3	3	0	7	3	10	13	17	6	-3	
<u>B) Margins</u>																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	0	-10	-14	0	-10	-20	-17	-14	-7	3	0	7	7	7	13	7	13	6	-6	
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	0	-7	-7	3	3	-10	-3	-7	0	0	0	17	7	7	20	10	20	6	0	
<u>C) Other terms and conditions</u>																				
* Non interest rate charges	-3	3	0	0	-3	-7	-3	-7	0	0	0	-3	0	0	3	7	3	0	0	
* Size of the loan or credit line	-3	-3	0	0	0	-7	-3	-3	0	-3	-3	-3	3	0	3	10	3	-3	-3	
* Collateral requirements	-3	-7	-3	-6	-3	-3	-3	-3	0	0	-3	-3	3	14	17	17	13	0	0	
* Loan covenants	-7	-7	-10	-6	0	-3	-3	-7	0	0	3	-3	0	3	3	10	3	0	3	
* Maturity	-3	-3	-7	-6	-3	-7	-3	-3	3	3	3	-3	0	3	0	3	7	0	0	

Continued 3. Over the past three months, how have your bank's terms and conditions for new loans or credit lines to enterprises changed?

Loans to large enterprises	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	-10	-14	-24	-17	-3	-7
* Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	-10	-14	-24	-17	-3	-7
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	25	7	17	14	14	7	7	-7	10	-7	-14	-14	-21	-3	-31	-10	-14	-24	-17	-21
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	33	28	24	24	14	10	7	0	7	3	-7	-7	-14	7	-14	0	-10	-10	3	-3
C) Other terms and conditions																				
* Non interest rate charges	13	0	17	3	-7	7	0	3	3	3	-7	-14	-7	-10	-10	-7	-14	-14	-10	-3
* Size of the loan or credit line	8	10	10	14	0	3	3	0	0	-3	-7	-7	-10	-3	-7	-7	-14	-14	-3	-7
* Collateral requirements	8	3	10	10	-3	0	-7	-7	0	-3	-7	-10	-7	-10	-7	-7	-14	-17	-7	-3
* Loan covenants	17	0	17	14	-3	-3	0	-10	-10	-7	-7	-17	-10	-7	-10	-10	-10	-17	-7	-10
* Maturity	21	14	10	7	0	3	3	-7	-3	-3	-7	-14	-10	-7	-10	-10	-17	-7	0	0

Loans to large enterprises	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-14	-14	-18	-13	-17	-21	-10	-10	-3	3	7	3	7	7	17	10	17	0	-7	
* Overall terms and conditions	-14	-14	-18	-13	-17	-21	-10	-10	-3	3	7	3	7	7	17	10	17	0	-7	
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	-7	-21	-21	-13	-17	-28	-17	-17	-7	7	7	13	7	7	17	7	13	3	0	
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	-7	-14	-14	0	0	-14	-7	-7	7	3	7	20	7	7	27	10	23	7	0	
C) Other terms and conditions																				
* Non interest rate charges	-7	4	-4	-3	-10	-7	-3	-7	0	0	0	0	0	0	13	3	3	0	0	
* Size of the loan or credit line	-3	-4	0	0	0	-7	-3	-3	-3	0	0	0	3	4	3	7	0	-7	-3	
* Collateral requirements	-3	-7	0	-7	-3	-3	-3	-3	0	0	-3	3	3	14	17	13	13	-3	0	
* Loan covenants	-10	-11	-14	-13	-7	-7	-3	-3	0	0	3	0	0	11	7	3	0	-3	-3	
* Maturity	-3	-7	-11	-10	-7	-14	-7	0	3	3	3	3	0	4	3	3	10	0	-3	

4. Over the past three months, how have the following factors affected your bank's credit terms and conditions as applied to new loans or credit lines to enterprises (as defined in the notes to question 3)?

	2015				2016				2017				2018				2019			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
Overall impact on your bank's credit terms and conditions																				
A) Cost of funds and balance sheet constraints	-	3	-3	0	-6	0	6	3	-3	0	0	-3	0	-9	0	0	0	3	3	9
B) Pressure of competition	-	-13	-16	-22	-22	-13	-13	-19	-9	-10	-23	-15	-19	-22	-22	-16	-19	-9	-9	-6
C) Perception of risk	-	-3	0	-9	-9	0	0	0	3	-3	0	0	0	0	0	0	3	0	0	3
D) Your bank's risk tolerance	-	-3	0	-6	3	-3	0	-3	0	-3	-3	0	0	0	0	0	6	0	0	-3
Impact on your bank's margin on average loans																				
A) Cost of funds and balance sheet constraints	-	-3	0	0	-6	3	3	3	-3	0	0	0	0	-6	0	0	0	3	3	16
B) Pressure of competition	-	-22	-22	-22	-16	-13	-13	-22	-6	-13	-26	-12	-25	-25	-28	-26	-19	-9	-9	-13
C) Perception of risk	-	-6	0	0	-3	0	0	0	0	-3	0	0	0	0	0	0	3	0	0	3
D) Your bank's risk tolerance	-	-3	0	0	3	-3	0	-3	0	-3	-3	0	0	0	0	0	6	0	0	0
Impact on your bank's margin on riskier loans																				
A) Cost of funds and balance sheet constraints	-	3	0	3	-3	3	6	3	-3	-3	0	0	0	-3	0	0	3	3	3	16
B) Pressure of competition	-	-13	-16	-13	-13	-9	-9	-9	-6	-10	-16	-6	-16	-9	-9	-10	-9	-6	-6	-6
C) Perception of risk	-	-3	0	0	-3	0	0	0	3	0	0	0	0	0	0	0	6	0	0	9
D) Your bank's risk tolerance	-	3	3	3	3	0	0	-3	0	0	-3	0	0	0	0	0	9	0	0	0

	2020				2021				2022				2023				2024			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
Overall impact on your bank's credit terms and conditions																				
A) Cost of funds and balance sheet constraints	9	3	0	-3	6	3	-6													
B) Pressure of competition	-6	-7	0	0	3	-3	0													
C) Perception of risk	3	17	41	13	16	6	3													
D) Your bank's risk tolerance	0	7	19	9	3	0	0													
Impact on your bank's margin on average loans																				
A) Cost of funds and balance sheet constraints	9	0	0	-3	6	3	-3													
B) Pressure of competition	-6	-7	-6	-3	3	-3	0													
C) Perception of risk	3	13	28	9	6	6	3													
D) Your bank's risk tolerance	0	3	19	6	0	0	0													
Impact on your bank's margin on riskier loans																				
A) Cost of funds and balance sheet constraints	9	0	0	0	6	6	0													
B) Pressure of competition	-6	0	-6	0	3	0	0													
C) Perception of risk	3	17	34	13	19	6	3													
D) Your bank's risk tolerance	0	7	25	6	0	0	0													

5. Over the past three months (apart from seasonal fluctuations), has the share of enterprise loan applications that were completely rejected by your bank increased, remained unchanged or decreased (loan volume, relative to the total volume of loan applications in that loan category)?

	2015				2016				2017				2018				2019			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Saldowert				Saldowert				Saldowert				Saldowert				Saldowert			
* Share of rejected applications	-	-9	0	-3	0	0	3	0	0	0	-3	0	-3	-3	0	0	0	0	6	13

	2020				2021				2022				2023				2024			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Saldowert				Saldowert				Saldowert				Saldowert				Saldowert			
* Share of rejected applications	13	13	19	3	6	0	3													

6. (up to January 2015 question 4.) Over the past three months, how has the demand for loans or credit lines to enterprises changed at your bank, apart from normal seasonal fluctuations? Please refer to the financing need to enterprises independent of whether this need will result in a loan or not.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	7	-19	-6	-6	-3	0	-13	3	-9	0	3	6	22	0	6	13	34	22	6	6
* Loans to small and medium-sized enterprises	0	-7	3	3	7	0	-3	0	-7	3	7	-7	-3	-7	10	17	23	17	10	3
* Loans to large enterprises	13	-17	-7	-10	-14	-14	-10	0	-21	-10	-7	3	24	0	-3	0	34	10	3	3
* Short-term loans	-4	-22	-6	-13	-13	0	-9	3	-22	-13	-13	-3	-3	6	0	6	22	13	6	0
* Long-term loans	30	6	3	3	-3	3	-9	0	0	6	6	9	25	0	13	22	47	31	13	6

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	19	13	10	18	9	9	25	10	22	16	9	9	6	40	56	28	6	13	0	
* Loans to small and medium-sized enterprises	13	17	7	10	7	13	20	10	20	13	7	7	7	34	60	30	10	16	0	
* Loans to large enterprises	7	4	-4	13	14	0	17	3	13	17	7	10	-7	39	47	17	10	3	-3	
* Short-term loans	6	6	3	3	9	9	13	-6	6	9	-3	-9	6	30	50	22	6	9	-3	
* Long-term loans	19	13	13	15	22	13	34	16	34	9	13	16	13	30	34	22	6	9	3	

7. (up to January 2015 question 5.) Over the past three months, how have the following factors affected the overall demand for loans or credit lines to enterprises (as defined in the notes to question 6)?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financing needs/underlying drivers or purpose of loan demand																				
* Fixed investment	26	9	-6	-6	3	-6	-3	3	-3	-6	0	0	13	-16	0	16	31	13	6	0
* Inventories and working capital	-11	-3	0	-9	-9	0	3	3	-19	-6	-9	-6	-22	-13	-3	-9	9	9	6	0
* Mergers/acquisitions and corporate restructuring	-7	-3	-6	-3	-3	3	0	0	-6	0	3	9	16	9	3	9	13	13	9	3
* General level of interest rates	-	-	-	-	-	-	-	-	-	-	-	-	-	16	22	25	19	13	22	6
* Debt refinancing/restructuring and renegotiation (when leading to an increase or prolongation of the amount borrowed)	19	16	13	13	13	13	6	6	9	13	0	0	13	0	16	16	16	16	16	9
B) Use of alternative finance																				
* Internal financing	-26	-28	-28	-16	-19	-19	-16	-19	-22	-22	-19	-3	-9	-25	-16	-13	-9	-16	-19	-19
* Loans from other banks	15	-3	16	3	-6	3	0	-3	-3	-13	-6	-9	0	-3	-9	-13	-9	-9	-9	-9
* Loans from non-banks	0	-3	-3	-3	0	0	-3	0	-3	-16	0	-3	-3	-3	-3	-3	-9	-3	-6	-6
* Issuance/redemption of debt securities	0	-9	-3	-6	-6	0	-6	-6	-9	-9	-3	0	-3	-6	-3	-9	-6	-6	-3	-9
* Issuance/redemption of equity	0	0	3	3	0	0	0	0	0	-3	0	0	0	-3	3	-6	-3	-3	-3	-3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financing needs/underlying drivers or purpose of loan demand																				
* Fixed investment	6	-3	6	15	22	13	13	19	22	19	13	13	6	-3	-19	-13	-16	3	6	
* Inventories and working capital	6	6	0	-6	3	3	6	0	0	13	-3	-6	0	23	50	31	16	9	6	
* Mergers/acquisitions and corporate restructuring	9	-3	3	9	3	6	9	3	0	-3	-6	6	-3	-13	-13	-9	-3	0	6	
* General level of interest rates	22	6	13	9	3	6	16	10	9	6	3	16	19	7	0	3	3	0	6	
* Debt refinancing/restructuring and renegotiation (when leading to an increase or prolongation of the amount borrowed)	16	3	13	6	3	9	6	-6	6	6	3	3	9	3	19	16	13	16	9	
B) Use of alternative finance																				
* Internal financing	-28	-10	-19	-15	-19	-16	-9	-19	-9	-3	-13	-6	-3	3	9	6	3	-6	-6	
* Loans from other banks	-6	-10	-13	-6	-13	-13	-13	-10	-6	-6	0	-3	-3	3	-3	6	0	-6	-13	
* Loans from non-banks	-3	-3	-6	-6	0	-3	-9	-3	0	-3	-3	-3	-3	0	0	3	0	0	0	
* Issuance/redemption of debt securities	-3	-6	0	-3	-3	-6	-3	-3	-3	-3	0	-3	-3	3	3	0	0	3	0	
* Issuance/redemption of equity	-3	-3	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	

8. (up to January 2015 question 6.) Please indicate how you expect your bank's credit standards as applied to the approval of loans or credit lines to enterprises to change over the next three months. Please note that we are asking about the change in credit standards, rather than about their level.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	7	-9	6	13	6	0	-3	-3	-3	0	-6	-6	-9	3	-3	-6	-6	0	-6	0
* Loans to small and medium-sized enterprises	4	-10	3	13	3	-7	-7	-3	-3	-7	-3	-3	-13	-3	-7	-3	-7	-3	-3	-3
* Loans to large enterprises	4	3	7	14	7	7	3	3	0	7	-7	-10	-7	0	-3	0	-7	0	0	3
* Short-term loans	0	-3	6	9	0	0	-6	-6	-3	0	-6	-6	-13	3	-9	-6	-3	0	-6	-3
* Long-term loans	7	3	9	16	3	3	3	0	-3	3	-6	-6	-9	3	-3	-3	-6	0	-6	3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	0	-3	-3	-3	-3	-3	3	-6	3	0	0	3	-6	7	0	-3	16	3	9	
* Loans to small and medium-sized enterprises	-7	0	-3	-3	-10	-7	3	-7	3	0	-7	7	-7	3	0	0	20	-3	3	
* Loans to large enterprises	3	-4	-4	0	-7	-3	3	-10	3	-3	0	3	-7	11	0	0	17	3	17	
* Short-term loans	-6	-3	-3	-3	-6	-6	3	-6	0	-3	-3	3	-3	3	3	0	19	3	6	
* Long-term loans	-3	0	-3	-3	-3	-3	3	-6	3	0	-3	6	-3	13	0	-3	19	0	6	

9. (up to January 2015 question 7.) Please indicate how you expect demand for loans or credit lines to enterprises to change at your bank over the next three months (apart from normal seasonal fluctuations). Please refer to the financing need of enterprises independent of whether this need will result in a loan or not.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	15	34	3	-16	0	9	9	6	13	9	13	-6	0	9	9	9	19	6	16	13
* Loans to small and medium-sized enterprises	20	33	3	-3	7	17	17	10	7	13	0	-10	3	7	10	10	20	17	17	13
* Loans to large enterprises	21	24	3	-14	-10	0	7	0	10	3	7	-10	3	10	10	10	17	-3	17	14
* Short-term loans	4	16	-9	-13	-3	6	6	3	0	-3	-6	-6	0	0	3	6	16	9	9	9
* Long-term loans	22	38	6	-6	3	13	19	0	9	3	9	-6	6	19	13	16	22	19	25	19

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Overall	6	13	10	9	9	3	16	13	9	9	3	-6	-9	60	22	31	19	19	38	
* Loans to small and medium-sized enterprises	10	10	14	13	17	7	13	10	10	3	7	0	-3	69	33	43	30	23	42	
* Loans to large enterprises	0	7	4	3	7	0	10	7	10	3	-3	-10	-10	57	10	17	20	7	33	
* Short-term loans	3	10	6	6	3	0	6	10	6	6	3	-19	-6	67	34	34	34	34	31	
* Long-term loans	6	16	13	15	19	9	19	16	9	6	6	-6	-13	20	-6	19	9	13	31	

I. Loans to private households

10. (up to January 2015 question 8.) Over the past three months, how have your bank's credit standards as applied to the approval of loans to households changed? Please note that we are asking about the change in credit standards, rather than about their level.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	5	3	7	17	7	3	10	0	-3	7	0	7	0	3	3	7	0	21	28	10
* Consumer credit and other lending	0	3	3	3	-7	-3	-3	3	0	3	-7	-3	-10	0	-3	0	0	3	0	-3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	0	-14	0	-7	-7	-7	-7	-3	0	7	-3	0	0	3	21	7	0	0	0	-7
* Consumer credit and other lending	-7	-3	3	-6	0	-9	-3	3	0	0	0	0	0	10	20	7	0	-3	-17	

11. (up to January 2015 question 9.) Over the past three months, how have the following factors affected your bank's credit standards as applied to the approval of loans to households for house purchase (as defined in the notes to question 10)?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Costs of funds and balance sheet constraints	0	0	0	3	3	0	0	-3	0	0	0	0	0	0	3	0	-3	0	0	0
B) Pressure from competition																				
* Competition from other banks	0	3	0	0	-3	-3	0	-3	-3	-3	-3	0	0	0	0	0	0	0	-3	0
* Competition from non-banks	0	3	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	0	-3	0
C) Perception of risk																				
* General economic situation and outlook	5	3	14	3	3	0	3	0	0	0	0	0	0	0	3	0	0	0	-3	0
* Housing market prospects, including expected house price developments	0	-7	-7	-3	0	0	7	3	-7	7	-3	3	3	0	3	0	0	0	0	0
* Borrower's creditworthiness ¹⁾														0	3	0	0	0	3	0
D) Your bank's risk tolerance	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	0	0	0	3	0

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Costs of funds and balance sheet constraints	0	0	0	0	0	0	0	0	0	0	3	0	0	0	-4	0	0	0	0	
B) Pressure from competition																				
* Competition from other banks	-3	0	0	0	-10	-10	-7	-7	0	-3	-3	0	0	0	0	0	0	0	-4	
* Competition from non-banks	0	0	0	0	-3	-7	-3	-3	0	0	-3	0	0	0	0	0	0	-4	-4	
C) Perception of risk																				
* General economic situation and outlook	0	0	0	-3	0	0	0	0	0	0	0	0	0	7	25	11	0	0	-7	
* Housing market prospects, including expected house price developments	3	0	4	0	-3	-3	0	0	0	0	0	0	0	3	18	7	0	-4	-4	
* Borrower's creditworthiness ¹⁾														7	18	4	0	0	-4	
D) Your bank's risk tolerance	0	-7	0	-3	0	-7	-3	0	0	3	0	0	3	7	7	4	0	0	-4	

¹⁾ Risks related to non-performing loans may be reflected not only in the "industry or firm-specific situation and outlook/borrower's creditworthiness", but also in the bank's "cost of funds and balance sheet constraints".

12. (up to January 2015 question 10.) Over the past three months, how have your bank's terms and conditions for new loans to households for house purchase changed?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	0	-7	0	3	7	7
* Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-3	0	-7	0	3	7	7
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	-23	-10	3	0	-3	-10	0	-10	-7	-10	-14	7	-7	-10	-24	-10	-10	-3	0	-7
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	-5	14	10	17	10	7	0	0	0	3	3	17	-3	0	-14	3	-7	0	7	3
C) Other terms and conditions																				
* Collateral requirements	5	3	-3	0	10	3	3	0	3	-3	0	3	0	0	0	0	0	0	-3	3
**"Loan-to-value" ratio	0	3	3	7	-3	-3	7	3	-7	3	0	3	3	3	0	-3	0	0	-3	0
* Other loan size limits	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-3	3
* Maturity	0	-3	3	3	7	14	7	0	0	0	0	0	0	0	-3	-3	0	10	-3	3
* Non-interest rate charges	5	-3	-3	0	-3	0	0	-3	3	0	3	0	0	0	0	0	3	0	3	3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	3	-4	-14	-13	-10	-10	-7	-7	-7	0	7	10	3	7	18	7	7	0	-4	
* Overall terms and conditions	3	-4	-14	-13	-10	-10	-7	-7	-7	0	7	10	3	7	18	7	7	0	-4	
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	0	-21	-25	-20	-21	-24	-21	-17	-14	-17	-3	17	3	14	0	4	7	4	-7	
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	10	-7	-21	-17	-10	-14	-10	-3	-10	3	7	28	7	10	7	11	11	7	0	
C) Other terms and conditions																				
* Collateral requirements	-3	-4	-4	-7	0	0	0	0	0	0	3	3	0	0	4	4	0	0	0	
**"Loan-to-value" ratio	-3	-4	4	0	0	0	0	-3	0	-3	3	3	3	3	14	11	0	0	-4	
* Other loan size limits	-3	0	4	0	0	0	0	0	0	0	0	0	0	0	4	4	0	-4	0	
* Maturity	0	0	0	3	-3	0	-3	0	0	0	0	-3	0	0	0	-4	0	0	0	
* Non-interest rate charges	0	4	0	0	0	0	0	0	0	0	0	-3	-3	0	0	0	0	0	0	

13. Over the past three months, how have the following factors affected your bank's credit terms and conditions as applied to new loans to households for house purchase (as defined in the notes to question 12)?

	2015				2016				2017				2018				2019			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
<u>Overall impact on your bank's credit terms and conditions</u>																				
A) Cost of funds and balance sheet constraints	-	3	-3	0	-3	0	-3	3	0	0	0	0	3	-3	0	-3	0	3	3	14
B) Pressure of competition	-	-3	-3	-10	3	-3	-3	-10	7	-11	-14	-20	-17	-14	-17	-10	-7	-14	-3	0
C) Perception of risk	-	0	0	0	3	0	-3	0	0	-4	-4	0	0	-3	0	0	0	0	0	0
D) Your bank's risk tolerance	-	-3	0	0	-3	3	0	-3	-3	-4	4	0	0	-3	-3	0	0	0	0	0
<u>Impact on your bank's margin on average loans</u>																				
A) Cost of funds and balance sheet constraints	-	3	3	0	-7	0	0	3	0	0	0	0	3	0	0	-3	0	3	3	17
B) Pressure of competition	-	-10	-28	-17	-3	0	-14	-14	0	-18	-25	-23	-24	-31	-28	-21	-14	-31	-10	-3
C) Perception of risk	-	3	-3	3	3	0	0	-3	0	0	-4	0	0	-3	-3	-3	0	0	0	0
D) Your bank's risk tolerance	-	0	0	0	0	0	-3	-3	-3	0	4	0	0	-3	-3	0	0	0	0	0
<u>Impact on your bank's margin on riskier loans</u>																				
A) Cost of funds and balance sheet constraints	-	3	3	3	-7	0	3	3	0	0	0	0	3	-3	0	0	0	3	3	14
B) Pressure of competition	-	0	-17	-3	0	-3	-3	-7	3	-11	-21	-20	-17	-24	-7	-3	-10	-10	0	3
C) Perception of risk	-	3	-3	3	3	0	0	3	3	0	0	0	0	-3	3	3	0	0	0	3
D) Your bank's risk tolerance	-	0	0	0	0	0	-3	-3	0	0	0	0	0	-3	-3	0	0	0	0	3

	2020				2021				2022				2023				2024			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
<u>Overall impact on your bank's credit terms and conditions</u>																				
A) Cost of funds and balance sheet constraints	3	7	0	0	4	0	0													
B) Pressure of competition	0	0	0	0	4	0	-11													
C) Perception of risk	0	7	14	4	0	0	0													
D) Your bank's risk tolerance	3	7	18	4	4	4	-4													
<u>Impact on your bank's margin on average loans</u>																				
A) Cost of funds and balance sheet constraints	3	7	0	0	4	0	0													
B) Pressure of competition	-3	0	-4	4	0	0	-7													
C) Perception of risk	0	10	7	0	0	0	0													
D) Your bank's risk tolerance	0	10	4	0	0	0	0													
<u>Impact on your bank's margin on riskier loans</u>																				
A) Cost of funds and balance sheet constraints	3	3	4	4	4	4	0													
B) Pressure of competition	0	0	0	7	4	7	-4													
C) Perception of risk	0	10	11	11	4	4	4													
D) Your bank's risk tolerance	0	10	7	11	4	4	0													

14. (up to now question 11.) Over the past three months, how have the following factors affected your bank's credit standards as applied to the approval of consumer credit and other lending to households (as defined in the notes to question 10)?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints	-4	-3	-3	-3	-3	0	0	0	-3	-3	-3	-3	-3	0	0	0	0	0	0	0
B) Pressure from competition																				
* Competition from other banks	-4	0	0	0	-3	0	-7	0	-3	-3	-3	-3	-7	-3	-7	0	-3	0	0	-3
* Competition from non-banks	-4	0	0	0	0	0	0	0	-3	0	0	-3	-3	0	-3	0	-3	0	0	0
C) Perception of risk																				
* General economic situation and outlook	-4	0	3	0	0	0	3	0	0	0	0	3	0	0	-3	0	-3	0	0	-3
* Creditworthiness of consumers ¹⁾	0	3	3	0	0	0	0	0	0	3	0	3	-3	-3	0	0	-3	0	0	0
* Risk on the collateral demanded	-4	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	-3	0	0	0
D) Your bank's risk tolerance	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Cost of funds and balance sheet constraints	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B) Pressure from competition																				
* Competition from other banks	-3	-3	0	-3	0	-6	-3	0	0	-3	-3	0	0	0	0	0	0	0	-3	
* Competition from non-banks	-3	0	0	0	0	-6	-3	0	0	-3	-3	0	0	0	0	0	0	0	0	
C) Perception of risk																				
* General economic situation and outlook	0	0	0	-3	0	0	0	0	0	0	0	0	0	7	33	13	3	-3	-7	
* Creditworthiness of consumers ¹⁾	0	0	0	0	3	0	0	3	0	-3	-3	0	0	7	30	13	0	0	-7	
* Risk on the collateral demanded	0	0	0	0	3	0	0	0	0	0	0	0	0	7	3	3	0	0	0	
D) Your bank's risk tolerance	0	0	0	-3	3	-9	0	3	0	3	0	0	0	10	13	3	-3	0	-10	

¹⁾ Risks related to non-performing loans may be reflected not only in the "industry or firm-specific situation and outlook/borrower's creditworthiness", but also in the bank's "cost of funds and balance sheet constraints".

15. (up to January 2015 question 12.) Over the past three months, how have your bank's terms and conditions for new consumer credit and other lending to households changed?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-10	-7	-3	-7	0	7	3
* Overall terms and conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-10	-7	-3	-7	0	7	3
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	4	-20	-10	13	10	-10	-17	0	3	-3	-7	-3	-3	-20	-30	-7	-13	13	7	3
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	0	-3	7	17	13	0	-7	3	3	3	-3	0	-7	-7	-20	-3	-13	3	7	3
C) Other terms and conditions																				
* Collateral requirements	-4	0	0	0	-3	-3	3	0	0	3	0	0	-7	0	-3	0	-3	0	0	0
* Size of the loan																				
* Maturity	-4	0	0	0	-3	3	3	0	-3	3	0	0	0	0	-3	0	0	0	0	0
* Non-interest rate charges	-4	-3	-7	0	-3	-7	3	0	0	3	3	0	0	0	0	0	3	0	0	3

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Overall terms and conditions	0	-3	3	-3	0	-6	-6	6	0	-3	-3	3	-3	3	17	-7	0	0	-13	
* Overall terms and conditions	0	-3	3	-3	0	-6	-6	6	0	-3	-3	3	-3	3	17	-7	0	0	-13	
B) Margins																				
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on average loans (wider spread = tightenend, narrower spread = eased)	0	-7	-7	-3	3	-13	-13	0	0	-3	-3	-10	-10	3	3	0	-10	-3	-3	
* Your bank's loan margin (i.e. the spread over a relevant market reference rate) on riskier loans	0	-3	-7	-6	3	-6	-6	3	0	0	0	-10	-6	14	0	3	-7	-3	3	
C) Other terms and conditions																				
* Collateral requirements	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	0	0	0	0	
* Size of the loan	0	0	0	0	-3	-3	0	0	0	0	0	0	0	7	13	0	3	0	-10	
* Maturity	0	0	0	0	0	0	0	0	0	0	0	-3	0	3	3	-3	0	0	-3	
* Non-interest rate charges	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

16. Over the past three months, how have the following factors affected your bank's credit terms and conditions as applied to new customer credit and other lending to households (as defined in the notes to question 12)?

	2015				2016				2017				2018				2019			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
Overall impact on your bank's credit terms and conditions																				
A) Cost of funds and balance sheet constraints	-	3	-7	0	-7	0	3	3	0	0	-3	-3	3	-3	0	0	0	3	3	3
B) Pressure of competition	-	-10	-10	-3	-3	-3	-3	-3	3	-3	-7	-3	-3	-6	-9	-3	0	-10	-6	-6
C) Perception of risk	-	-3	-3	0	0	0	0	0	0	-3	0	0	3	-3	0	3	0	0	0	0
D) Your bank's risk tolerance	-	0	0	0	0	0	0	0	0	-3	0	-3	3	-3	0	0	0	0	0	0
Impact on your bank's margin on average loans																				
A) Cost of funds and balance sheet constraints	-	3	-3	0	-10	3	3	3	0	0	0	-3	3	-3	0	0	0	3	3	3
B) Pressure of competition	-	-17	-20	-7	-10	-7	-3	-3	3	-7	-10	-3	-3	-9	-13	-3	-3	-13	-10	-16
C) Perception of risk	-	-3	-7	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0
D) Your bank's risk tolerance	-	0	0	0	0	3	0	0	0	0	0	0	3	-3	0	0	0	0	0	0
Impact on your bank's margin on riskier loans																				
A) Cost of funds and balance sheet constraints	-	3	0	3	-10	3	3	0	0	0	0	-3	3	-3	0	0	0	3	3	0
B) Pressure of competition	-	-7	-20	-3	-7	-7	0	-3	3	-3	-7	-6	-3	-6	-6	0	0	-3	-3	-13
C) Perception of risk	-	0	-7	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0
D) Your bank's risk tolerance	-	0	0	0	0	0	0	0	0	0	0	0	3	-3	0	0	0	0	0	0

	2020				2021				2022				2023				2024			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
Overall impact on your bank's credit terms and conditions																				
A) Cost of funds and balance sheet constraints	0	0	0	-3	0	-3	0													
B) Pressure of competition	-6	0	0	0	-7	0	-7													
C) Perception of risk	0	7	20	3	0	3	-7													
D) Your bank's risk tolerance	0	7	13	0	3	0	-3													
Impact on your bank's margin on average loans																				
A) Cost of funds and balance sheet constraints	0	0	3	-7	0	-3	0													
B) Pressure of competition	-10	0	3	0	-7	0	-3													
C) Perception of risk	0	7	7	3	0	3	0													
D) Your bank's risk tolerance	0	7	7	0	0	0	0													
Impact on your bank's margin on riskier loans																				
A) Cost of funds and balance sheet constraints	0	0	3	-3	0	-3	0													
B) Pressure of competition	-6	0	3	0	-3	0	3													
C) Perception of risk	0	7	10	7	3	7	0													
D) Your bank's risk tolerance	0	10	7	0	0	0	0													

17. Over the past three months (apart from seasonal fluctuations), has the share of household loan applications that were completely rejected by your bank increased, remained unchanged or decreased (loan volume, relative to the total volume of loan applications in that loan category)?

	2015				2016				2017				2018				2019			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Share of rejected applications																				
* Loans for house purchase	-	-3	0	3	-3	0	24	3	3	0	-4	3	-3	0	10	10	10	10	7	7
* Consumer credit and other lending	-	-3	-3	0	-6	0	3	-10	0	-3	0	0	0	6	0	0	6	6	-3	3

	2020				2021				2022				2023				2024			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Share of rejected applications																				
* Loans for house purchase	0	0	11	18	4	0	4													
* Consumer credit and other lending	0	7	27	27	-3	0	-3													

18. (up to January 2015 question 13.) Over the past three months, how has the demand for loans to households changed at your bank, apart from normal seasonal fluctuations? Please refer to the financing need of households independent of whether this need will result in a loan or not.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	36	28	28	28	24	31	14	14	0	24	10	3	21	45	45	41	7	21	7	-10
* Consumer credit and other lending	4	0	0	6	6	-3	16	19	3	13	6	16	23	13	29	23	10	13	26	19

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	3	4	-7	0	0	14	21	3	10	14	38	28	17	24	-29	36	11	0	11	
* Consumer credit and other lending	3	20	10	19	3	9	38	6	10	6	10	6	6	24	-43	-3	-3	-30	10	

19. (up to January 2015 question 14.) Over the past three months, how have the following factors affected the demand for loans to households for house purchase (as defined in the notes to question 18)?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financial needs/underlying drivers or purpose of loan demand																				
* Housing market prospects, including expected house price developments	36	31	31	28	41	31	34	38	21	38	14	10	21	21	38	38	10	14	17	28
* Consumer confidence	14	21	21	14	14	14	14	14	10	31	10	3	10	10	17	24	7	14	17	17
* General level of interest rates	-	-	-	-	-	-	-	-	-	-	-	-	-	34	45	34	14	28	21	34
* Non-housing related consumption expenditure ¹⁾	0	-3	0	0	3	-3	0	3	0	-3	3	-3	0	-	-	-	-	-	-	-
* Debt refinancing/restructuring and renegotiation (when leading to an increase or prolongation of the amount borrowed)	-	-	-	-	-	-	-	-	-	-	-	-	-	24	7	0	7	17	0	0
* Regulatory and fiscal regime of housing markets	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-3	3	7	-7	-10
B) Use of alternative sources for housing finance (substitution effects)																				
* Household savings ¹⁾	0	3	0	-3	-10	0	-3	-3	0	0	-14	-10	-10	-	-	-	-	-	-	-
* Internal finance of house purchase out of savings/down payment (i.e. share financed via the household's own funds)	-	-	-	-	-	-	-	-	-	-	-	-	-	-34	-10	-7	-10	-10	-7	-3
* Loans from other banks	-5	-17	-3	-10	0	-17	-24	-21	-17	-10	-14	-17	-7	-10	-7	7	-14	-10	-7	-10
* Other sources of external finance	0	0	3	0	0	-3	-7	0	0	0	-3	-3	0	-3	0	0	0	-3	0	0

1) Factor was withdrawn from the 1st quarter of 2015.

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financial needs/underlying drivers or purpose of loan demand																				
* Housing market prospects, including expected house price developments	10	18	7	20	21	24	31	7	14	14	14	17	17	7	11	18	4	4	4	
* Consumer confidence	10	11	4	7	7	10	7	7	7	3	3	0	3	-7	-50	-4	-11	-4	14	
* General level of interest rates	14	32	18	27	21	21	34	7	24	24	34	28	17	17	-4	11	7	4	11	
* Non-housing related consumption expenditure ¹⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* Debt refinancing/restructuring and renegotiation (when leading to an increase or prolongation of the amount borrowed)	0	4	4	3	-7	7	3	0	0	0	7	3	3	7	0	4	4	4	4	
* Regulatory and fiscal regime of housing markets	-3	0	0	-3	-3	-7	0	-3	3	0	0	0	0	0	0	0	0	4	-4	
B) Use of alternative sources for housing finance (substitution effects)																				
* Household savings ¹⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* Internal finance of house purchase out of savings/down payment (i.e. share financed via the household's own funds)	-3	-7	-7	-7	-7	-7	-14	-3	-3	-7	-3	-3	-3	-7	-7	-4	-4	-11	-4	
* Loans from other banks	-3	-11	-14	-10	-7	-7	-14	-17	-10	-7	3	0	-7	3	-11	0	0	4	-4	
* Other sources of external finance	0	0	0	0	0	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	

1) Factor was withdrawn from the 1st quarter of 2015.

20. (up to January 2015 question 15.) Over the past three months, how have the following factors affected the demand for consumer credit and other lending to households (as defined in the notes to question 18)?

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financial needs/underlying drivers or purpose of loan demand																				
* Spending on durable consumer goods, such as cars, furniture, etc.	4	6	6	16	16	3	10	16	23	16	10	16	19	13	23	16	16	10	26	26
* Consumer confidence	4	16	6	13	13	10	6	13	10	19	10	6	10	13	23	19	10	13	23	19
* Securities purchases ¹⁾	-5	-4	4	0	-4	0	0	4	0	-4	0	0	0	-	-	-	-	-	-	-
* General level of interest rates	-	-	-	-	-	-	-	-	-	-	-	-	-	13	23	19	13	19	16	23
* Consumption expenditure financed through real-estate guaranteed loans ("mortgage equity withdrawal")	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0	3	3	-3	0	-3
B) Use of alternative finance																				
* Household savings ¹⁾	4	-6	-13	0	-10	0	-3	10	6	-6	-6	-7	-3	-	-	-	-	-	-	-
* Internal finance out of savings	-	-	-	-	-	-	-	-	-	-	-	-	-	-13	-6	0	-3	-16	-10	-6
* Loans from other banks	-4	-3	-6	-3	-6	-10	-6	-3	-6	-6	-3	-6	6	0	0	0	-10	-10	-3	-6
* Other sources of external finance	0	-3	0	0	-3	0	-3	0	0	-3	3	0	0	0	0	0	0	-3	0	-3

1) Factor was withdrawn from the 1st quarter of 2015.

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
A) Financial needs/underlying drivers or purpose of loan demand																				
* Spending on durable consumer goods, such as cars, furniture, etc.	23	23	20	22	13	9	25	10	6	13	0	6	0	7	-37	0	0	-27	7	
* Consumer confidence	13	20	13	25	19	9	22	16	6	0	3	3	0	3	-50	-17	-7	-27	3	
* Securities purchases ¹⁾	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* General level of interest rates	10	23	13	16	10	3	13	0	6	6	3	10	6	3	-3	0	0	0	7	
* Consumption expenditure financed through real-estate guaranteed loans ("mortgage equity withdrawal")	-10	0	0	0	3	0	0	0	3	0	0	0	0	0	-7	-3	-3	0	3	
B) Use of alternative finance																				
* Household savings ¹⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* Internal finance out of savings	-6	-7	-3	-6	0	-3	-3	-3	0	-3	-3	-3	-3	-3	-3	-7	3	-13	-3	
* Loans from other banks	-3	0	-7	0	0	-6	0	-10	-3	-3	3	0	0	-3	-3	-3	-3	-3	0	
* Other sources of external finance	0	0	0	0	0	-3	0	0	0	0	0	0	0	0	-3	-3	-3	-3	0	

1) Factor was withdrawn from the 1st quarter of 2015.

21. (up to January 2015 question 16.) Please indicate how you expect your bank's credit standards as applied to the approval of loans to households to change over the next three months. Please note that we are asking about the change in credit standards, rather than about their level.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	0	3	-3	10	21	17	7	3	3	3	3	3	-3	0	-3	-3	17	34	3	-10
* Consumer credit and other lending	0	3	-3	0	0	3	0	0	-3	3	-3	-3	-7	0	0	-3	3	7	0	-7

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	-7	-7	-7	-7	0	-14	-14	0	3	0	-3	-3	3	14	4	0	4	-4	7	
* Consumer credit and other lending	-3	0	0	0	-6	0	0	0	3	0	0	3	0	10	0	-3	-7	-7	0	

22. (up to January 2015 question 17.) Please indicate how you expect demand for loans to households to change over the next three months at your bank (apart from normal seasonal fluctuations). Please refer to the financing need of households independent of whether this need will result in a loan or not.

	2012				2013				2014				2015				2016			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	9	31	31	21	17	24	17	7	14	14	-7	0	7	17	3	7	-3	10	10	10
* Consumer credit and other lending	12	16	0	3	6	16	13	0	13	13	10	10	10	19	10	6	3	16	16	19

	2017				2018				2019				2020				2021			
	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
	Net percentage				Net percentage				Net percentage				Net percentage				Net percentage			
* Loans for house purchase	14	11	14	20	17	10	14	14	10	17	10	17	17	-59	-32	-4	-11	-7	11	
* Consumer credit and other lending	13	17	13	13	13	13	6	6	10	13	3	6	16	7	10	13	-3	13	53	