

# Supplements to the Statistical Bulletin

Sample Surveys

Survey on Inflation and Growth Expectations

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This publication contains the main findings of the survey on inflation and growth expectations conducted by the Bank of Italy in collaboration with the newspaper Il Sole 24 Ore. The data were collected in December 2015 exclusively for the purpose of economic analysis and have been handled and processed in aggregate form, in full compliance with Italy's law on the treatment of personal information.

The survey report has been prepared by Marco Bottone, Tatiana Cesaroni and Simone Emiliozzi.

We would like to thank all the companies that agreed to take part.

#### SURVEY ON INFLATION AND GROWTH EXPECTATIONS

#### 1. Introduction

The interviews for the Banca d'Italia-*Il Sole 24 Ore* quarterly survey on inflation and growth expectations were carried out between 1 and 16 December 2015. A total of 977 firms with 50 or more employees took part, of which 396 operate in industry excluding construction, 380 in services and 201 in construction (Table A1).

The firms were asked to provide forecasts both on macroeconomic matters, such as developments in the inflation rate and the general state of the productive economy in Italy, and on issues regarding their own business. In some cases, the forward-looking opinions are accompanied by backward-looking assessments and, where possible, indications of the factors underlying the reported or expected developments.

The main findings of the survey are summarized below. Appendices A, B and C contain the methodological notes, statistical tables, and the questionnaire.

#### 2. The main findings for firms in services and in industry excluding construction

#### Inflation expectations in Italy and change in firms' selling prices

In December firms revised their consumer inflation expectations downwards for all the time horizons considered: expectations six months ahead and one year ahead were both revised down by 0.2 percentage points to 0.4 per cent and 0.5 per cent; forecasts over a longer horizon were revised down to 0.7 per cent (from 0.9 per cent) for expectations two years ahead and down to 1.0 per cent (from 1.1 per cent) for expectations between three and five years ahead (Table 1 and Figure 1).

Firms on average reported that their selling prices decreased slightly compared with one year earlier (although they had remained stable in September; see Table 2) owing to larger firms (those with at least 1,000 workers) and firms in industry revising their expectations. Selling prices were expected to grow by 0.6 per cent on average in the next twelve months, both in industry excluding construction and services, in keeping with the findings of the previous survey.

An increase in selling prices in the next twelve months mainly reflects rising labour costs and, to a lesser extent, signs of a pick-up in demand. Competitors' pricing policies are the most significant factor in holding selling prices down (Table 3).

#### Assessment of the general economic situation in Italy

The overwhelming majority of respondent firms, almost 70 per cent, expected the situation to remain stable (Table 4). The balance between reports of improvement and reports of deterioration in the general economy, while still positive, narrowed compared with the previous quarter (12.5 percentage points), mainly owing to the less favourable opinions voiced by the more export-oriented firms. The average probability assigned to an improvement of the economic situation in the next three months decreased slightly compared with the previous quarter, returning to the levels recorded in the June survey (17.5 per cent; Table 5).

#### **Demand**

The balance between positive and negative views on demand growth remained positive at 6.2 percentage points (down from 6.6 in September; Table 6); the trend was more favourable for firms in industry excluding construction (8.5 percentage points) and for the more export-oriented ones. The short-term outlook, however, looked less favourable, both in manufacturing and in the services sector,

with the balance between positive and negative expectations falling to 14 percentage points (down from 21.6 per cent; Table 7).

Export-oriented industrial firms reported deteriorating expectations concerning foreign demand, both current and expected (Tables 8 and 9).

#### Assessment of business conditions

Firms' expectations of the economic conditions in which they will be operating over the next three months decreased slightly. The balance between positive and negative views narrowed to 3.9 percentage points, down from 10.2 in September; the share of responses pointing to stable conditions increased to 77.7 percentage points, up from 74.6 in September (Table 10 and Figure 6). The balance narrowed for firms both in industry excluding construction and services, and especially for smaller firms (50 to 199 workers). Economic activity is expected to continue to benefit from the positive contribution of favourable exchange rates, oil prices and, even more importantly, demand. Uncertainty deriving from economic and political factors is expected to rise, albeit marginally, compared with the September survey (Table 11).

#### **Investment conditions**

A majority of firms (75.7 per cent of those interviewed) thought that investment conditions will remain stable; the balance between responses indicating an improvement and those indicating a deterioration was positive at 5.3 percentage points (Table 13 and Figure 7), but lower than in September, with the reduction being more pronounced for manufacturing firms, especially exportoriented ones.

With respect to investment expenditure, the balance between firms expecting an increase in nominal expenditure on investment and those expecting a decrease is 14.5 percentage points (compared with 12.1 in September). The outlook appears brighter for firms in industry excluding construction and medium-large ones (200 to 999 workers). Some 52.0 per cent of respondent firms expect nominal expenditure on investment to remain at the levels seen in the second half of 2015 (Table 14).

For the year 2016 the balance between firms forecasting an increase in investment and those forecasting a decrease was similar to that of the previous survey (16.8 percentage points compared with 17.3 in 2015), mainly reflecting an upward adjustment of investment plans by firms operating in the North-East and in the South and Islands. Among respondent firms, 46.4 per cent expected total investment expenditure to remain unchanged compared with 2015, in line with the findings of the previous survey (Table 15).

In this issue of the survey firms were asked whether the incentive for investment on capital goods (known as the 'maxi-amortization') provided for by the 2016 Stability Law had influenced their investment plans. Slightly over half of the firms interviewed thought it would have a positive impact, and about 13 per cent thought it would have 'no impact' or 'little impact'. The last figure grew to 27.3 per cent among entrepreneurs who stated their intention of increasing investment expenditure in 2016. The share of firms reporting a positive impact of the investment incentive is higher in industry excluding construction, especially among the larger firms (those with more than 1,000 workers).

Some 47.6 per cent of respondent firms thought they had overcome the most difficult phase of the downturn, slightly higher than the 44.4 per cent recorded in September; the percentage of firms predicting a substantial improvement in their output in the coming months increased to 44.1 per cent, slightly higher than in the previous survey 43.0 per cent (Table 20).

#### Liquidity and access to credit

Access to credit eased further, continuing a trend under way since December 2012. In the last quarter the balance between the share of firms reporting better financing conditions compared with the previous quarter and those indicating a deterioration increased to 3.6 percentage points, up from 2.7 (Table 17). Some 83.8 per cent of firms reported that their access to credit was basically unchanged (compared with 81.6 per cent in September); conditions had improved mainly for the larger firms.

Firms' expectations as to the adequacy of their liquidity position over the next three months remained basically stable at 65.9 per cent (compared with 64.0 per cent in September), while those considering it more than adequate decreased from 21.1 per cent to 17.6 per cent (Table 18).

#### **Employment**

Expectations for employment in the short term deteriorated slightly. The share of firms estimating an increase in staff numbers in the next three months remained stable at the levels recorded in the previous survey (16.5 per cent); those expecting a reduction rose to 17.3 per cent, up from 14.4 per cent (Table 19). The balance is narrowing mainly owing to firms in the services sector, larger firms in general and those operating in the Centre and South.

#### 3. Construction firms

The optimistic views of construction firms concerning the general economic outlook were confirmed in December, in keeping with the last three surveys. The balance between expectations of an improvement and a deterioration is 10.1 percentage points, compared with 11.6 in September (Table 4). The likelihood of an improvement in the scenario in the next three months was expressed by 12.6 per cent of construction firms, compared with 14.2 in the previous survey (Table 5).

Assessments of demand for the firms' own services remained stable (64.2 per cent), with the balance between firms reporting an improvement and those reporting a deterioration nearing zero (up from -1.5 percentage points in September; Table 6) reflecting the strong increase among firms which are the most active in the residential segment (24.5 percentage points, up from 5.2 in September). The positive balance on short-term demand expectations increased by one percentage point compared with September, from 9.9 percentage points to 10.9 (Table 7).

The balance of firms' assessments regarding the economic conditions in which they were operating for the next three months entered positive territory for the first time since 2012, the year the survey was expanded to include the construction sector, rising from -2.5 percentage points in September to the current 7.2 percentage points (Table 10). The uncertainty generated by economic and political factors would appear to continue to hamper these firms' business. Positive stimuli are thought to come mainly from an increased demand for these firms' services (both new and pre-existing orders), an easing in credit conditions and also from the fall in oil prices (Table 11).

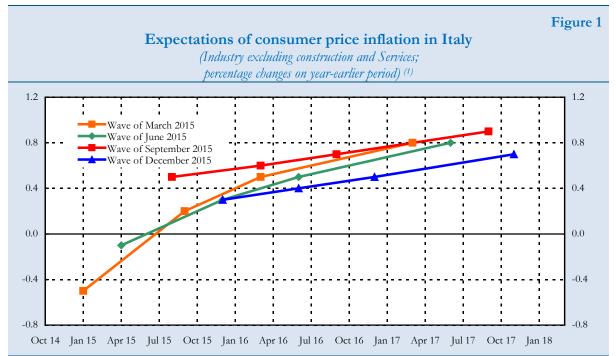
Expectations for three years ahead improved, with the balance between firms expecting better conditions and those expecting worse conditions standing at 52.7 percentage points, up from 49.4 in September (Table 12).

Firms' views concerning investment conditions are favourable. The balance between those indicating an increase, rather than a decrease, in nominal expenditure on fixed investment in the first half of 2016 returned to positive territory at 9.8 percentage points compared with -6.7 in September (Table 22). The outlook for 2016 also appears favourable, marking an improvement compared with 2015, with the balance rising to 9.0 percentage points, up from -6.5 in September, mainly reflecting the increase recorded for firms focusing on residential housing (Table 15). In the last quarter the share of assessments of a deterioration shrank to 6.7 percentage points (down from 8.5 points in September), and the overwhelming majority of opinions reported stability (82.2 percentage points, up from 76.6 in September; Table 16).

About half of the respondent firms declared that they expected the investment incentive on capital goods (the 'maxi-amortization') to have a positive impact on their investment expenditure, with some 9 per cent of firms judging it would have 'no impact' or 'little impact'.

The share of construction firms stating that in the previous months they had overcome the most difficult phase of the downturn increased to 38.5 per cent (from 36 per cent in December; Table 20), while the percentage expecting a substantial increase in output in the coming months rose to 49.7 per cent, up from 45.0 per cent in September).

Pessimism over employment conditions in the following months subsided. The negative balance between expectations of an improvement and a deterioration narrowed to -15.6 per cent, down from -17.5 in September (Table 19). Firms' assessments regarding access to credit remained stable, while expectations concerning their liquidity position over the next three months improved slightly.



(1) The first point in each curve is the latest definitive inflation data available at the time of the survey, which is given to the interviewees in the questionnaire as a point of reference for expressing their expectations; the second point is the average of the interviewees' forecasts for the next six months; the third point is the average of the interviewees' forecasts for the next twelve months; the fourth point is the average of the interviewees' forecasts for the next twenty-four months.

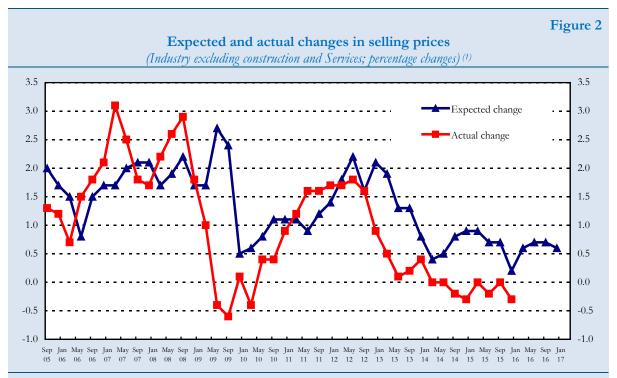
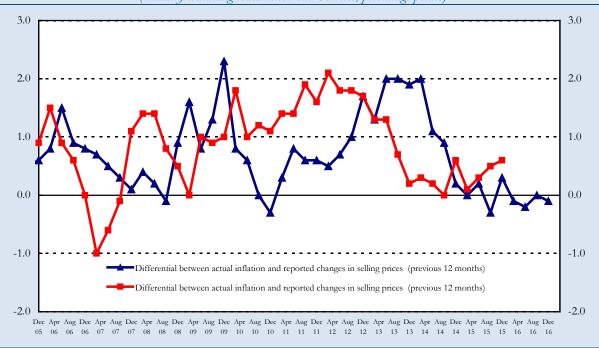


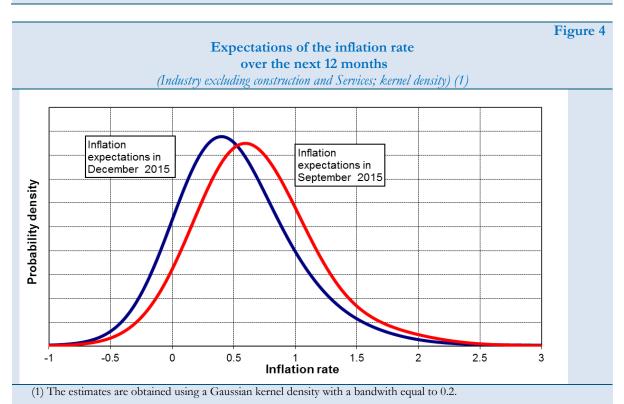


Figure 3

(Industry excluding construction and Services; percentage points) (1)



(1) Winsorized estimates: values outside the range between the 5th and the 95th percentiles are set at the threshold values of those percentiles.



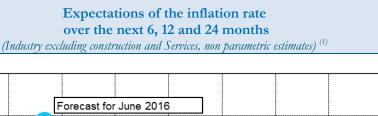
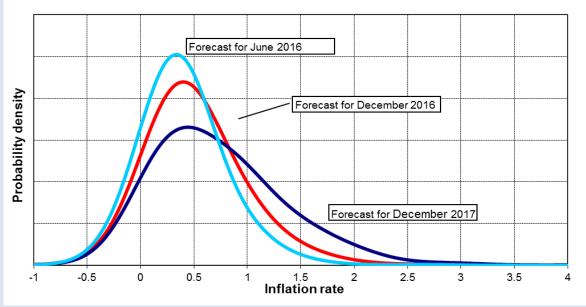
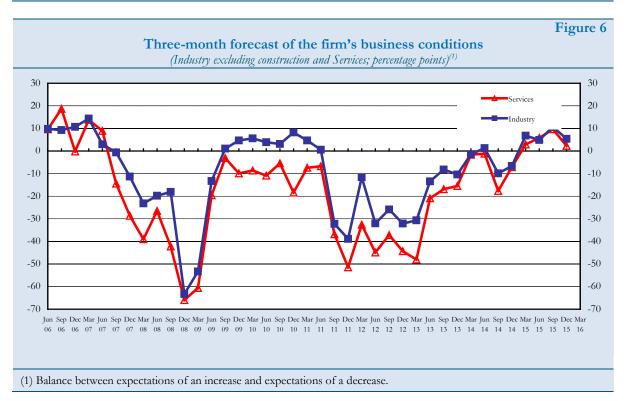
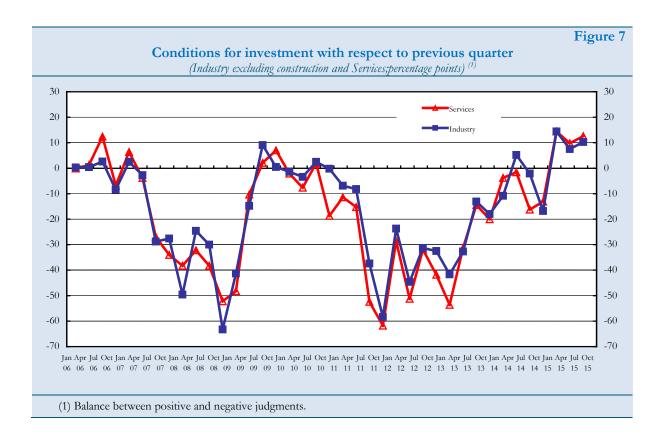


Figure 5



(1) The estimates are obtained using a Gaussian kernel density with a bandwith equal to 0.3. The light blue line indicates the forecast over the next 6 months. The red line indicates the forecast over the next 12 months. The dark blue line indicates the forecast over the next 24 months.





**Appendix A:** 

**Methodological Notes** 

#### **METHODOLOGICAL NOTES**

#### A1. The sample

The Bank of Italy – Il Sole 24 Ore survey of inflation and growth expectations has been conducted since 1999, interviewing firms in industry excluding construction and in services with 50 or more workers. Starting in the first quarter of 2013, the survey has been extended to construction firms with at least 50 workers.

The sample for the fourth quarter of 2015 consisted of 977 firms: 396 firms in industry excluding construction, 380 service firms and 201 construction firms (Table A1).

The sample is stratified, with strata consisting of combinations of economic sector, size of firm (by number of workers) and geographical area. The need to ensure a large enough sample for every type of firm considered relevant means that, in some cases, the number of companies selected is disproportionate to the share of that category in the entire population of firms. This is in particular true of large companies (Table. A1).

Tab. A1 - Composition of sample and universe (units, percentages)

	Industry	excluding cons and Services	struction	Construction		
	Sample size (a)	Company universe <sup>(1)</sup> (b)	Sample coverage rate (a/b) * 100	Sample size (c)	Company universe (1) (d)	Sample coverage rate (c / d) * 100
Number of employees						
50-199	411	16.678	2,5	163	1.094	14,9
200-999	236	3.440	6,9	31	110	28,2
Over 999	129	519	24,9	7	7	100,0
Sector						
Industry	396	10.537	3,8	_	_	_
Services	380	10.100	3,8	_	_	_
Geographical area						
North-West	225	8.108	2,8	52	384	13,5
North-East	223	5.682	3,9	59	318	18,6
Centre	157	3.819	4,1	42	226	18,6
South and Islands	171	3.028	5,6	48	283	17,0
Total	776	20.637	3,8	201	1.211	16,6

<sup>(1)</sup> Istat (2013).

The estimates for inflation expectations for 6, 12 and 24 months ahead are calculated on a sub-sample of 532 industrial firms and service firms, and 133 construction firms. The rest of the sample was given a differently worded question on inflation expectations in order to assess the impact of the wording on the responses. In particular, these firms were asked to give their inflation expectations without being given the latest Istat data on inflation in Italy and the euro area. The results

obtained so far indicate that anchoring has the advantage of reducing uncertainty in expressing expectations (by broadening the knowledge base), thus reducing the standard error in the estimates of the average value, without causing any significant distortion in the estimate of expectations. Further research is being carried out.

#### A2. Data collection and estimates

The survey data are collected by a specialist firm which distributes the questionnaire to company managers who are best informed about the topics covered. The respondents usually compile the questionnaire online using a purpose-designed interface. A small number of the companies submit their answers by fax (Table A2).

The response rate is equal to 44.1 per cent for industry and 34.7 for construction (tab A2).

The collected data are subject to an initial quality check so that any mistakes (such as typing errors) can be intercepted and the existence of outliers and missing data (item non-response) can be assessed. Using the correlation between the indicators obtained, the missing data are imputed by means of stochastic regression models, the parameters for which are set after neutralizing the outliers where appropriate.

The aggregates are evaluated using a weighting coefficient for each sample unit which, at the level of the stratification variables, takes into account the ratio between the number of respondent companies and the number of companies in the reference universe. In the evaluation of the evolution of the variables attributed to the companies, the weighting also takes account of the size of the participating companies in terms of number of employees in order to provide more accurate indications of expected macroeconomic developments.

In order to verify the impact of outliers on the mean values for the main variables, the standard estimators are accompanied by robust estimators; specifically, values outside the range between the 5th and the 95th percentiles are set at the threshold values of those percentiles. The results are generally in line with those obtained from the total sample (Table A3).

Table A4 contains indicators of the standard errors of the main variables for the total sample.

Tab. A2 - Response rates and data collection via Internet

(units, percentages)

	Industry excluding and Se		Construction		
	Companies contacted	Response rate (1)	Companies contacted	Response rate (1)	
Number of employees					
50-199	1147	35,8	503	32,4	
200-999	414	56,8	59	52,5	
Over 999	200	65,0	18	38,9	
Sector					
Industry	893	44,5	_	_	
Services	868	43,7	_	_	
Geographical area					
North West	578	19,6	178	29,2	
North East	500	53,9	161	36,6	
Centre	318	78,5	115	36,5	
South and Islands	365	9,7	126	38,1	
Total	1761	44,1	580	34,7	

<sup>(1)</sup> Percentage of companies contacted which participated in the survey.

Tab. A3 - Estimates of the main variables surveyed and non-response (percentages)

	Industry excluding construction and Services				Constr	ruction		
	Mean	Robust mean	Median	Non- response	Mean	Robust mean	Median	Non- response
Consumer price inflation in Italy in the next 6 months	0,4	0,4	0,3	0,0	0,4	0,4	0,3	0,0
Consumer price inflation in Italy in the next 12 months	0,5	0,5	0,5	0,0	0,5	0,5	0,4	0,0
Consumer price inflation in Italy in the next 24 months	0,7	0,7	0,6	0,0	0,7	0,7	0,5	0,0
Change in own prices in the last 12 months	-1,1	-0,3	0,0	5,8	1,7	1,1	0,0	8,0
Change in own prices in the next 12 months	0,4	0,6	0,1	6,3	0,5	0,3	0,0	8,0

### Tab. A4 -Standard errors

(percentage)

	Industry excluding construction and Services	Construction
Consumer price inflation in Italy in the next 6 months	0,02	0,03
Consumer price inflation in Italy in the next 12 months	0,02	0,05
Consumer price inflation in Italy in the next 24 months	0,03	0,06
Change in own prices in the last 12 months	0,60	1,43
Change in own prices in the last 12 months (robust)	0,26	1,02
Change in own prices in the next 12 months	0,21	0,28
Change in own prices in the next 12 months (robust)	0,12	0,21

**Appendix B:** 

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Table 1 Consumer price inflation expectations in Italy (percentage changes on the preceding twelve months)

	Cor	nsumer price infla	tion expectation	S
	after 6 months	after 12 months	after 24 months	between 3 and 5 years
	Industry excluding construction and Services			ervices
Number of employees				
50-199	0,4	0,5	0,7	0,9
200-999	0,5	0,6	0,9	1,1
Over 999	0,6	0,8	1,1	1,3
Sector				
Industry	0,5	0,6	0,8	1,0
Services	0,4	0,5	0,7	0,9
Geographical area				
North West	0,4	0,5	0,7	1,0
North East	0,4	0,5	0,8	1,1
Centre	0,5	0,6	0,8	0,9
South and Islands	0,5	0,6	0,7	0,9
Total Industry and services	0,4	0,5	0,7	1,0
Memorandum items:				
September 2015	0,6	0,7	0,9	1,1
June 2015	0,3	0,5	0,8	1,0
March 2015	0,2	0,5	0,8	1,2
December 2014	0,4	0,5	0,7	0,9
		Constr	uction	
Fraction of revenue derived from residential building				
Less than one third	0,4	0,5	0,7	0,9
More than one third	0,4	0,6	0,7	1,0
Geographical area				
North	0,4	0,5	0,7	0,9
Center and South -Islands	0,5	0,6	0,7	0,9
Total construction	0,4	0,5	0,7	0,9
Memorandum items:				
September 2015	0,5	0,7	0,8	0,9
June 2015	0,2	0,4	0,6	0,7
March 2015	0,2	0,4	0,7	0,9
December 2014	0,3	0,4	0,7	0,9

## Change in companies' selling prices (percentages) (1)

	Rate of change	in own prices
	in last 12 months	in next 12 months
	Mean (robust) (2)	Mean (robust) (2)
	Industry excluding co	nstruction and Services
Number of employees		
50-199	0,2	1,0
200-999	0,2	0,7
Over 999	-0,8	0,3
Sector		
Industry	-0,5	0,6
Services	0,0	0,5
Geographical area		
North West	-0,1	0,5
North East	-0,0	0,6
Centre	-0,8	0,4
South and Islands	0,3	0,9
Total Industry and services	-0,3	0,6
Memorandum items:		
September 2015	0,0	0,7
June 2015	-0,2	0,7
March 2015	-0,0	0,6
December 2014	-0,3	0,2
	Const	ruction
Fraction of revenue derived from residential building		
Less than one third	1,3	0,2
More than one third	0,2	1,0
Geographical area		
North	-0,7	0,1
Centre and South-Islands	2,8	0,6
Total construction	1,1	0,3
Memorandum items:		
September 2015	-0,3	-0,1
June 2015	0,6	-0,5
March 2015	-0,1	0,7
December 2014	-0,9	-0,1

percentiles.

Table 3

## Factors that will affect firms' selling prices

(average scores) (1)

	Change in demand	Change in raw materials prices	Change in labour costs	Pricing policies of main competitors	Intermediate input
	Industry ex	cluding constr	uction and Ser	vices	
Number of employees					
50-199	0,1	0,4	0,5	-0,5	0,2
200-999	0,1	0,2	0,5	-0,6	0,1
Over 999	0,2	-0,2	0,3	-0,7	0,2
Sector					
Industry	0,2	0,2	0,4	-0,4	0,2
Services	0,1	-0,0	0,4	-0,8	0,2
Geographical area					
North West	0,2	0,2	0,3	-0,7	0,1
North East	0,0	-0,1	0,5	-0 <b>,</b> 9	0,2
Centre	0,2	0,1	0,2	-0,4	0,2
South and Islands	0,3	0,5	0,6	-0,2	0,3
Total Industry and services	0,1	0,1	0,4	-0,6	0,2
Memorandum items:					
September 2015	0,1	0,4	0,4	-0,5	
June 2015	0,1	0,5	0,4	-0,6	
March 2015	-0,0	0,5	0,4	-0,6	
December 2014	-0,3	0,3	0,4	-0,7	
		Construct	ion		
Fraction of revenue derived from residential building					
Less than one third	0,2	0,2	0,1	-0,7	
More than one third	0,5	0,2	0,7	-0,3	
Geographical area					
North	-0,0	0,2	0,5	-0,7	
Centre and South-Islands	0,4	0,2	-0,2	-0,6	
Total construction	0,2	0,2	0,1	-0,7	
Memorandum items:					
September 2015	0,0	0,3	0,5	-0,9	
June 2015	0,1	0,5	0,5	-0,8	
March 2015	0,5	0,6	0,8	-0,6	
December 2014	-0,3	0,2	0,4	-0,8	

<sup>(1)</sup> I Companies' opinions regarding the direction and magnitude of the impact of each factor on future selling prices (large/average/small decrease or increase) were scored on a scale of -3 to 3. A neutral position was assigned a score of 0. Companies' responses are weighted by the number of employees to account for the impact of size.

Table 4

# Assessment of the general state of the economy with respect to previous quarter (percentage)

	Worse (a)	Unchanged	Better (b)	Total	Balance (b) – (a)				
		Industry exclu	ding constructio	n and Services					
Number of employees									
50-199	10,4	69,2	20,4	100,0	10,0				
200-999	5,4	67,0	27,6	100,0	22,2				
Over 999	1,4	64,1	34,6	100,0	33,2				
Sector									
Industry	9,9	71,4	18,7	100,0	8,8				
Services	8,9	65,8	25,3	100,0	16,4				
Geographical area									
North-West	9,9	64,9	25,1	100,0	15,2				
North-East	10,5	73,4	16,2	100,0	5,7				
Centre	7,9	74,4	17,7	100,0	9,8				
South and Islands	7,8	62,8	29,5	100,0	21,7				
Total industry and services	9,4	68,7	21,9	100,0	12,5				
Memorandum items:									
September 2015	4,0	66,1	29,9	100,0	25,9				
June 2015	6,2	71,8	22,0	100,0	15,8				
March 2015	7,4	66,6	26,0	100,0	18,6				
December 2014	27,8	67,5	4,7	100,0	-23,1				
			Construction						
Fraction of revenue derived									
from residential building									
Less than one third	9,2	73,0	17,8	100,0	8,6				
More than one third	4,3	76,2	19,6	100,0	15,3				
Geographical area									
North	6,7	74,3	19,0	100,0	12,3				
Centre and South-Islands	10,0	72,8	17,2	100,0	7,2				
Total construction	8,1	73,7	18,2	100,0	10,1				
Memorandum items:									
September 2015	10,7	67,0	22,3	100,0	11,6				
June 2015	11,1	75,7	13,2	100,0	2,1				
March 2015	13,0	71,0	16,0	100,0	3,0				
December 2014	37,2	60,6	2,3	100,0	-34,9				

Table 5
Likelihood of an improvement in the general economic situation in the next three months

(percentages)

		(h	· · · · · · · · · · · · · · · · · · ·					
	Zero	1-25%	26-50%	51-75%	76-100%	Total	Mean (1	
	Industry excluding construction and Services							
Number of employees								
50-199	28,5	50,4	13,4	7,1	0,6	100,0	16,7	
200-999	21,9	51,9	14,0	10,8	1,4	100,0	20,1	
Over 999	14,3	46,3	21,7	17,7	0,0	100,0	25,4	
Sector								
Industry	27,3	49,9	13,8	9,0	0,1	100,0	17,5	
Services	26,8	51,3	13,6	6,9	1,4	100,0	17,5	
Geographical area								
North West	24,5	50,4	14,6	9,5	1,0	100,0	19,0	
North East	25,4	50,5	17,3	6,1	0,7	100,0	17,7	
Centre	32,9	48,9	9,7	7,8	0,7	100,0	15,5	
South and Islands	29,4	53,4	9,4	7,8	0,0	100,0	15,4	
Exports' share of sales								
From Zero to 1/3	31,5	47,9	12,4	7,1	1,1	100,0	16,4	
Between 1/3/ and 2/3	17,2	57,7	16,4	8,4	0,3	100,0	19,3	
More than 2/3	23,3	50,6	14,9	11,1	0,0	100,0	19,3	
Total Industry and services	27,0	50,6	13,7	8,0	0,7	100,0	17,5	
Memorandum items:								
September 2015	22,5	51,9	14,6	9,2	1,7	100,0	19,7	
June 2015	27,6	50,2	12,4	8,3	1,6	100,0	17,9	
March 2015	25,0	52,3	12,9	8,5	1,3	100,0	18,2	
December 2014	43,7	42,6	9,6	3,6	0,6	100,0	11,9	
			(	Constructio	n			
Fraction of revenue derived from residential building								
Less than one third	36,1	52,1	7,7	3,4	0,7	100,0	12,4	
More than one third	33,7	51,5	11,7	3,1	0,0	100,0	13,1	
Geographical area								
North	31,0	55,9	8,3	3,9	0,9	100,0	13,7	
Centre and South-Islands	<b>42,</b> 0	46,5	8,9	2,6	0,0	100,0	11,1	
Total construction	35,6	52,0	8,5	3,4	0,5	100,0	12,6	
Memorandum items:								
September 2015	34,4	49,9	10,5	4,0	1,3	100,0	14,2	
June 2015	36,4	52,1	6,1	4,3	1,1	100,0	12,8	
March 2015	34,1	52,1	8,9	3,8	1,1	100,0	13,6	
December 2014	54,6	40,0	4,5	1,0	0,0	100,0	7,5	

<sup>(1)</sup> The average likelihood of an improvement is computed by assigning the central value to each interval.

Table 6
Trend in total demand for firm's product/work (1)
with respect to previous quarter

(percentages)

	Decreased	Unchanged	Increased	Total	Balance
	(a)	Unchanged	(b)	Totai	(b) - (a)
		Industry exclu	ding construction	on and Services	
Number of employees					
50-199	15,9	64,1	20,0	100,0	4,1
200-999	10,9	63,0	26,1	100,0	15,2
Over 999	12,6	59,1	28,2	100,0	15,6
Sector					
Industry	13,4	64,7	21,9	100,0	8,5
Services	16,8	62,9	20,4	100,0	3,6
Geographical area					
North West	15,2	62,0	22,8	100,0	7,6
North East	11,9	64,7	23,4	100,0	11,5
Centre	15,7	68,3	16,0	100,0	0,3
South and Islands	19,5	61,1	19,4	100,0	-0,1
Exports' share of sales					
From Zero to 1/3	15,8	65,8	18,4	100,0	2,6
Between 1/3/ and 2/3	15,9	60,6	23,5	100,0	7,6
More than 2/3	10,3	60,2	29,5	100,0	19,2
Total Industry and services	15,0	63,8	21,2	100,0	6,2
Memorandum items:					
September 2015	13,8	65,8	20,4	100,0	6,6
June 2015	13,3	61,9	24,8	100,0	11,5
March 2015	19,5	60,0	20,5	100,0	1,0
December 2014	23,5	58,8	17,7	100,0	-5,8
			Construction		
Fraction of revenue derived from residential building					
Less than one third	19,6	64,3	16,0	100,0	-3,6
More than one third	11,9	63,7	24,5	100,0	12,6
Geographical area					
North	11,0	69,0	20,1	100,0	9,1
Centre and South-Islands	27,5	57,6	14,9	100,0	-12,6
Total construction	17,9	64,2	17,9	100,0	0,0
Memorandum items:					
September 2015	16,6	68,4	15,1	100,0	-1,5
June 2015	15,9	66,0	18,1	100,0	2,2
March 2015	17,2	62,1	20,6	100,0	3,4
December 2014	26,7	59,6	13,7	100,0	-13,0

<sup>(1)</sup> For firms in industry excluding construction and services, products; for construction firms, works.

Table 7 Three-month forecast of total demand for the firm's products/works $^{(1)}$  (percentages)

	Decreased	Hackanasa	Increased	Total	Balance
	(a)	Unchanged	(b)	1 Otal	(b) - (a)
	<u> </u>	Industry exclu	ding constructio	on and Services	<u> </u>
Number of employees					
50-199	11,8	64,0	24,1	100,0	12,3
200-999	7,0	65,9	27,1	100,0	20,1
Over 999	7,0	56,7	36,3	100,0	29,3
Sector					
Industry	10,0	61,7	28,3	100,0	18,3
Services	11,9	66,8	21,3	100,0	9,4
Geographical area			·	·	
North West	11,0	63,9	25,2	100,0	14,2
North East	10,2	63,3	26,5	100,0	16,3
Centre	10,6	70,7	18,7	100,0	8,1
South and Islands	12,5	58,3	29,3	100,0	16,8
Exports' share of sales					
From Zero to 1/3	11,1	67,9	21,0	100,0	9,9
Between 1/3/ and 2/3	13,2	51,3	35,5	100,0	22,3
More than 2/3	6,6	68,4	24,9	100,0	18,3
Total Industry and services	10,9	64,2	24,9	100,0	14,0
16 1 1					
Memorandum items:					
September 2015	7,2	64,0	28,8	100,0	21,6
June 2015	8,7	65,3	26,0	100,0	17,3
March 2015	9,1	60,6	30,3	100,0	21,2
December 2014	16,8	64,4	18,9	100,0	2,1
			Construction		
Fraction of revenue derived from residential building					
Less than one third	10,1	73,1	16,8	100,0	6,7
More than one third	4,6	64,6	30,7	100,0	26,1
Geographical area					
North	8,5	67,3	24,2	100,0	15,7
Centre and South-Islands	9,5	76,6	13,9	100,0	4,4
Total construction	8,9	71,3	19,8	100,0	10,9
M					
Memorandum items:	46.1	45.0	00.1	400.0	
September 2015	12,6	65,0	22,4	100,0	9,8
June 2015	10,9	68,8	20,3	100,0	9,4
					17,5 2,9
March 2015  December 2014	9,8 15,1	62,9 66,9	27,3 18,0	100,0 100,0	

<sup>(1)</sup> For firms in industry excluding construction and services, products; for construction firms, works.

Table 8

Foreign demand for the firm's products with respect to previous quarter

(Industry excluding construction and Services; percentages) (1)

	Decreased (a)	Unchanged	Increased (b)	Total	Balance (b) – (a)
Number of employees					
50-199	14,1	64,5	21,4	100,0	7,3
200-999	12,5	50,8	36,7	100,0	24,2
Over 999	9,2	61,5	29,3	100,0	20,1
Sector					
Industry	11,7	60,4	27,9	100,0	16,2
Services	19,3	66,2	14,6	100,0	-4,7
Geographical area					
North West	10,4	67,5	22,0	100,0	11,6
North East	11,0	56,8	32,2	100,0	21,2
Centre	22,2	60,0	17,8	100,0	-4,4
South and Islands	19,9	55,6	24,5	100,0	4,6
Total Industry and services	13,7	61,9	24,3	100,0	10,6
Memorandum items:					
September 2015	13,5	60,9	25,6	100,0	12,1
June 2015	11,4	58,1	30,5	100,0	19,1
March 2015	13,1	56,8	30,0	100,0	16,9
December 2014	14,7	58,0	27,3	100,0	12,6

<sup>(1)</sup> For exporting firms only.

Table 9
Three-month forecast of the foreign demand for the firm's products
(Industry excluding construction and Services; percentages) (1)

	Decrease (a)	No change	Increase (b)	Total	Balance (b) – (a)
Number of employees					
50-199	8,9	60,3	30,8	100,0	21,9
200-999	5,5	60,3	34,2	100,0	28,7
Over 999	5,9	57,4	36,8	100,0	30,9
Sector					
Industry	7,5	58,2	34,3	100,0	26,8
Services	10,1	66,0	23,9	100,0	13,8
Geographical area					
North West	7,8	62,6	29,6	100,0	21,8
North East	8,1	57,2	34,7	100,0	26,6
Centre	6,6	62,8	30,6	100,0	24
South and Islands	13,1	53,9	32,9	100,0	19,8
Total Industry and services	8,2	60,2	31,6	100,0	23,4
Memorandum items:					
September 2015	4,9	62,2	32,9	100,0	28,0
June 2015	6,7	61,4	31,9	100,0	25,2
March 2015	6,0	<b>51,</b> 0	43,1	100,0	37,1
December 2014	8,5	57,2	34,3	100,0	25,8

<sup>(1)</sup> For exporting firms only.

Table 10 Three-month forecast of the firm's business conditions (percentages)

	Deterioration (a)	No change	Improvement (b)	Total	Balance (b) – (a)
		Industry exclu	ding constructio	n and Services	
Number of employees					
50-199	10,0	76,9	13,2	100,0	3,2
200-999	6,2	81,8	11,9	100,0	5,7
Over 999	4,8	76,0	19,2	100,0	14,4
Sector					
Industry	6,4	81,7	11,8	100,0	5,4
Services	12,1	73,4	14,4	100,0	2,3
Geographical area					
North West	10,5	77,3	12,3	100,0	1,8
North East	7,7	80,1	12,2	100,0	4,5
Centre	8,9	80,5	10,5	100,0	1,6
South and Islands	9,2	70,6	20,3	100,0	11,1
Total Industry and services	9,2	77,7	13,1	100,0	3,9
Memorandum items:					
September 2015	7,6	74,6	17,8	100,0	10,2
June 2015		78,9	13,2	100,0	5,4
March 2015	11,7	71,6	16,6	100,0	4,9
December 2014	15,5	75,8	8,7	100,0	-6,8
			Construction		
Fraction of revenue derived from residential building					
Less than one third	9,1	76,2	14,7	100,0	5.6
More than one third	1,6	83,7	14,7	100,0	13.1
Geographical area					
North	8,3	75,4	16,2	100,0	7.9
Centre and South-Islands	6,2	81,2	12,6	100,0	6.4
Total construction	7,5	77,8	14,7	100,0	7.2
Memorandum items:					
September 2015	11,0	80,5	8,5	100,0	-2,5
June 2015	12,1	77,8	10,1	100,0	-2,0
March 2015	12,2	77,6	10,2	100,0	-2,0
December 2014	24,6	69,1	6,3	100,0	-18,3

Table 11 Factors which will affect the firm's business conditions

(average scores) (1)

	T	ı	1 (0000000		ı	ı		
	Change in demand	Trend in new sites	Trend in existing sites	Change in selling prices	Change in credit conditions	Economic and political factors uncertainty	Exchange Rate dynamics	Oil Price
			Industry exc	luding consti	ruction and S	ervices		
Number of employees								
50-199	0,7			0,3	0,1	-0,8	0,1	0,1
200-999	0,7			0,1	0,3	-0,7	0,1	0,3
Over 999	0,6			0,3	0,4	-0,7	0,1	0,2
Sector								
Industry	0,8			0,3	0,1	-0,8	0,1	0,2
Services	0,6			0,3	0,1	-0,8	0,1	0,1
Geographical area								
North West	0,7			0,4	0,2	-0,8	0,1	0,2
North East	0,7			0,1	0,1	-0,9	0,1	0,1
Centre	0,6			0,1	-0,2	-0,7	0,0	0,1
South and Islands	0,7			0,4	0,3	-0,7	0,1	0,2
Total Industry and services	0,7			0,3	0,1	-0,8	0,1	0,2
Memorandum items:								
September 2015	0,8			0,4	0,3	-0,7	0,2	0,2
June 2015				0,3	0,2	-0,6	0,2	0,0
March 2015				0,3	0,2	-0,6	0,3	
December 2014	0,4			0,1	0,0	-1,0		
				Construc	tion	•		
Fraction of revenue derived from residential building								
Less than one third		1,2	0,9	0,1	0,3	-0,6	0,1	0,4
More than one third		1,4	0,9	-0,1	0,3	-0,9	0,0	0,2
Geographical area								
North		1,4	1,0	0,0	0,2	-0,7	0,0	0,3
Centre and South-Islands		1,0	0,8	0,1	0,3	-0,7	0,1	0,4
Total construction	••••	1,2	0,9	0,0	0,3	-0,7	0,0	0,3
Memorandum items:								
September 2015		1,1	1,0	-0,1	0,2	-0,9	0,0	0,3
June 2015		1,2	0,9	0,1	0,2	-0,9	-0,1	-0,1
March 2015		1,2	0,8	0,1	0,2	-0,9	0,2	
December 2014		1,0	0,6	-0,2	-0,2	-1,3		

<sup>(1)</sup> Companies' opinions regarding the direction and magnitude of the expected impact of each factor on their own business conditions in the next three months (large/average/small decrease or increase) were scored on a scale of -3 to 3. A neutral position was assigned a score of 0.

Table 12
Three-year forecast of the firm's business conditions
(percentages)

	Deterioration (a)	No change	Improvement (b)	Total	Balance (b) – (a)
		Industry exclud	ling construction	and Services	
Number of employees					
50-199	11,3	27,2	61,5	100,0	50,2
200-999	6,4	23,7	69,9	100,0	63,5
Over 999	7,9	17,8	74,3	100,0	66,4
Sector					
Industry	8,1	27,1	64,8	100,0	56,7
Services	12,8	25,6	61,6	100,0	48,8
Geographical area		·			
North West	10,2	21,4	68,4	100,0	58,2
North East	10,2	31,5	58,3	100,0	48,1
Centre	13,9	30,1	56,0	100,0	42,1
South and Islands	7,0	25,6	67,4	100,0	60,4
Total Industry and services	10,4	26,4	63,2	100,0	52,8
Memorandum items:					
September 2015	9,5	24,8	65,7	100,0	56,2
June 2015	11,8	25,6	62,5	100,0	50,7
March 2015	10,9	23,0	66,1	100,0	55,2
December 2014	16,3	25,7	58,0	100,0	41,7
			Construction		
Fraction of revenue derived from residential building					
Less than one third	8,0	33,8	58,1	100,0	50,1
More than one third	<b>4,</b> 0	29,5	66,5	100,0	62,5
Geographical area					
North	7,5	32,2	60,3	100,0	52,8
Centre and South-Islands	6,7	33,9	59,5	100,0	52,8
Total construction	7,2	32,9	59,9	100,0	52,7
Memorandum items:					
September 2015	9,9	30,7	59,3	100,0	49,4
June 2015	10,4	30,1	59,5	100,0	49,1
March 2015	11,1	17,8	71,1	100,0	60,0
December 2014	17,8	28,0	54,1	100,0	36,3

Table 13 Assessment of conditions for investment with respect to previous quarter (percentages)

	Worse (a)	Unchanged	Better (b)	Total	Balance (b) – (a)
		Industry exclu	ding constructi	on and Services	
Number of employees					
50-199	10,6	75,8	13,6	100,0	3,0
200-999	4,4	76,4	19,1	100,0	14,7
Over 999	5,1	68,0	26,9	100,0	21,8
Sector					
Industry	11,0	74,8	14,2	100,0	3,2
Services	7,8	76,7	15,5	100,0	7,7
Geographical area					
North West	10,4	78,3	11,2	100,0	0,8
North East	10,2	73,5	16,3	100,0	6,1
Centre	6,2	79,4	14,3	100,0	8,1
South and Islands	9,5	68,5	<b>22,</b> 0	100,0	12,5
Total Industry and services	9,5	75,7	14,8	100,0	5,3
Memorandum items:					
September 2015	7,3	73,9	18,8	100,0	11,5
June 2015	7,9	75,6	16,6	100,0	8,7
March 2015	6,9	71,6	21,4	100,0	14,5
December 2014	21,9	71,3	6,9	100,0	-15,0
			Construction		
Fraction of revenue derived from residential building					
Less than one third	6,8	83,1	10,2	100,0	3,4
More than one third	6,4	79,4	14,3	100,0	7,9
Geographical area					
North	4,2	82,8	13,1	100,0	8,9
Centre and South-Islands	10,1	81,5	8,4	100,0	-1,7
Total construction	6,7	82,2	11,1	100,0	4,4
Memorandum items:					
September 2015	8,5	76,6	14,9	100,0	6,4
June 2015	12,4	72,5	15,0	100,0	2,6
March 2015	9,4	73,9	16,7	100,0	7,3
December 2014	27,9	67,2	5,0	100,0	-22,9

Table 14
Forecast changes on fixed investment between first half 2016 and second half of 2015

(percentages)

	Decrease (a)	No change	Increase (b)	Total	Balance (b) – (a)
			uding construction	on and Services	( ) ( )
Number of employees					
50-199	16,7	52,5	30,8	100,0	14,1
200-999	17,3	48,5	34,2	100,0	16,9
Over 999	19,7	47,5	32,9	100,0	13,2
Sector					
Industry	14,7	51,4	33,9	100,0	19,2
Services	19,2	52,1	28,7	100,0	9,5
Geographical area					
North West	19,5	48,7	31,8	100,0	12,3
North East	15,2	53,2	31,6	100,0	16,4
Centre	15,5	57,4	27,1	100,0	11,6
South and Islands	14,8	49,8	35,4	100,0	20,6
Total Industry and services	16,9	51,7	31,4	100,0	14,5
		1	Construction		
Fraction of revenue derived from residential building					
Less than one third	17,1	60,5	22,4	100,0	5,3
More than one third	11,4	51,8	36,8	100,0	25,4
Geographical area					
North	13,7	60,7	25,6	100,0	11,9
Centre and South-Islands	18,8	55,7	25,5	100,0	6,7
Total construction	15,8	58,6	25,6	100,0	9,8

Forecast changes on fixed investment excluding investment in property between 2016 and 2015

Table 15

(percentages)

	Decrease (a)	No change	Increase (b)	Total	Balance (b) – (a)
		Industry exclu	iding constructio	n and Services	
Number of employees					
50-199	18,8	46,8	34,4	100,0	15,6
200-999	16,8	45,3	37,9	100,0	21,1
Over 999	15,2	43,7	41,1	100,0	25,9
Sector					
Industry	18,7	44,1	37,2	100,0	18,5
Services	18,0	48,9	33,1	100,0	15,1
Geographical area					
North West	22,0	44,1	33,8	100,0	11,8
North East	14,1	47,4	38,5	100,0	24,4
Centre	18,1	51,7	30,2	100,0	12,1
South and Islands	17,1	44,3	38,6	100,0	21,5
Total Industry and services	18,4	46,5	35,2	100,0	16,8
			Construction		
Fraction of revenue derived from residential building					
Da zero a un terzo	17,1	58,2	24,7	100,0	7,6
Oltre un terzo	7,5	70,4	22,1	100,0	14,6
Geographical area					
North	12,8	62,1	25,2	100,0	12,4
Centre and South-Islands	18,3	59,0	22,7	100,0	4,4
Total construction	15,1	60,8	24,1	100,0	9,0

Table 16 Impact of the investment incentive on future investment  $\mathsf{plans}^{(1)}$ 

(percentages)

	No impact	Little impact	Some impact	Strong impact	Total
		Industry exclu	ding construction	on and Services	
Number of employees					
50-199	48,4	38,7	11,0	1,9	100,0
200-999	45,9	41,4	11,9	0,8	100,0
Over 999	39,9	45,1	14,0	1,1	100,0
Sector					
Industry	47,2	36,1	14,5	2,2	100,0
Services	48,4	42,8	7,7	1,1	100,0
Geographical area					
North West	44,9	41,0	12,6	1,6	100,0
North East	46,4	40,7	10,3	2,6	100,0
Centre	53,0	38,2	8,8	0,0	100,0
South and Islands	51,5	33,7	12,2	2,5	51,5
Total Industry and services	47,8	39,3	11,2	1,7	100,0
			Construction		
Fraction of revenue derived from residential building					
Da zero a un terzo	48,9	42,3	8,5	0,4	100,0
Oltre un terzo	57,8	30,8	11,4	0,0	100,0
Geographical area					
North	45,6	42,4	12,1	0,0	100,0
Centre and South-Islands	58,2	36,2	4,9	0,7	100,0
Total construction	50,8	39,8	9,1	0,3	100,0

<sup>(1)</sup> Tax investment incentive on capital goods (known as the 'super ammortamento', or 'super amortization') provided for by the Stability Law for 2016

Assessment of credit conditions for firms with respect to previous quarter (percentages)

Table 17

	Deterioration (a)	No change	Improvement (b)	Total	Balance (b) – (a)
		Industry exclu	ding constructio	n and Services	
Number of employees					
50-199	7,1	83,2	9,7	100,0	2,6
200-999	2,4	87,1	10,6	100,0	8,2
Over 999	5,2	80,8	14,0	100,0	8,8
Sector					
Industry	6,4	82,6	11,0	100,0	4,6
Services	6,1	85,1	8,7	100,0	2,6
Geographical area					
North West	3,4	89,6	7,0	100,0	3,6
North East	7,8	79,2	13,0	100,0	5,2
Centre	9,4	78,6	12,0	100,0	2,6
South and Islands	7,4	83,4	9,2	100,0	1,8
Total Industry and services	6,3	83,8	9,9	100,0	3,6
Memorandum items:					
September 2015	7,8	81,6	10,5	100,0	2,7
June 2015	6,6	79,0	14,4	100,0	7,8
March 2015	7,6	80,1	12,3	100,0	4,7
December 2014	12,5	77,4	10,1	100,0	-2,4
			Construction		
Fraction of revenue derived from residential building					
Da zero a un terzo	17,5	73,4	9,0	100,0	-8,5
Oltre un terzo	23,8	68,5	7,7	100,0	-16,1
Geographical area					
North	16,7	73,4	9,9	100,0	-6,8
Centre and South-Islands	22,0	70,8	7,1	100,0	-14,9
Total construction	18,9	72,3	8,7	100,0	-10,2
Memorandum items:					
September 2015	17,2	75 <b>,</b> 8	6,9	100,0	-10,3
June 2015	13,6	73,8 74,5	11,9	100,0	-10,3
March 2015	17,0	7 <b>4,</b> 5 70 <b>,</b> 6	12,3	100,0	-1,7 -4,7
December 2014	25,8	69,4	4,8	100,0	-21,0

Table 18
Overall liquidity position in the next three months

(percentages)

	(percent	iuges)					
	Insufficient	Sufficient	More than sufficient	Total			
	Ind	lustry excluding co	onstruction and Service	ces			
Number of employees							
50-199 addetti	18,6	66,9	14,5	100,0			
200-999 addetti	8,3	62,9	28,8	100,0			
Oltre 999 addetti	5,4	52,1	42,5	100,0			
Sector							
Industry	16,5	64,7	18,8	100,0			
Services	16,7	67,1	16,3	100,0			
Geographical area							
North West	11,5	70,5	18,0	100,0			
North East	14,8	63,0	22,2	100,0			
Centre	22,3	60,8	16,9	100,0			
South and Islands	26,6	65,2	8,3	100,0			
Total Industry and services	16,6	65,9	17,6	100,0			
Memorandum items:							
September 2015	14,9	64,0	21,1	100,0			
June 2015	15,6	62,2	22,2	100,0			
March 2015	15,5	62,8	21,6	100,0			
December 2014	19,9	61,6	18,5	100,0			
		Construction					
Fraction of revenue derived from							
residential building							
Less than one third	33,3	59,7	7,0	100,0			
More than one third	35,8	54,3	9,9	100,0			
Geographical area							
North	32,2	56,6	11,2	100,0			
Centre and South-Islands	36,1	61,1	2,8	100,0			
Total construction	33,9	58,5	7,6	100,0			
Memorandum items:							
September 2015	38,5	55,9	5,6	100,0			
June 2015	37,4	55,8	6,8	100,0			
March 2015	36,2	55,6	8,3	100,0			
December 2014	41,5	53,8	4,8	100,0			

Table 19

### Three-month forecast of workforce

(percentages)

		(percentages)			ı
	Decrease (a)	No change	Increase (b)	Total	Balance (b) – (a)
		Industry exclu	ding construction	on and Services	
Number of employees					
50-199	16,6	67,8	15,6	100,0	-1,0
200-999	19,2	61,3	19,5	100,0	0,3
Over 999	25,8	52,2	21,9	100,0	-3,9
Sector					
Industry	16,2	66,9	16,8	100,0	0,6
Services	18,3	65,7	16,0	100,0	-2,3
Geographical area					
North West	19,1	62,8	18,1	100,0	-1,0
North East	14,6	66,6	18,8	100,0	4,2
Centre	16,9	71,2	11,9	100,0	-5,0
South and Islands	17,8	68,9	13,3	100,0	-4,5
Total Industry and services	17,3	66,3	16,4	100,0	-0,9
Memorandum items:					
September 2015	14,4	69,1	16,5	100,0	2,1
June 2015	14,9	66,0	19,1	100,0	4,2
March 2015	14,4	67,4	18,2	100,0	3,8
December 2014	19,9	68,3	11,8	100,0	-8,1
			Construction		
Fraction of revenue derived from residential building					
Less than one third	28,3	62,2	9,6	100,0	-18,7
More than one third	13,6	77,0	9,4	100,0	-4,2
Geographical area					
North	24,2	66,8	9,0	100,0	-15,2
Centre and South-Islands	26,3	63,4	10,3	100,0	-16,0
Total construction	25,1	65,4	9,5	100,0	-15,6
Memorandum items:					
September 2015	24,0	69,6	6,5	100,0	-17,5
June 2015	28,1	68,2	3,8	100,0	-24,3
March 2015	26,4	61,3	12,3	100,0	-14,1
December 2014	28,5	63,4	8,2	100,0	-20,3

Table 20

# Passing the worst stage of the economic situation and expectations for production rates (percentages)

	of the eco	ssed the most nomic situatio cond half of 2		The firm expects a solid improvement of its production/work rates in the coming months			
	No	Yes	Total	No	Yes	Total	
		Industry	excluding con	struction an	d Services		
Number of employees							
50-199	54,2	45,8	100,0	55,5	44,5	100,0	
200-999	46,0	<b>54,</b> 0	100,0	58,3	41,7	100,0	
Over 999	38,8	61,2	100,0	51,1	48,9	100,0	
Sector							
Industry	50,1	49,9	100,0	56,0	44,0	100,0	
Services	54,9	45,1	100,0	55,7	44,3	100,0	
Geographical area							
North West	47,1	52,9	100,0	57,2	42,8	100,0	
North East	51,9	48,1	100,0	56,9	43,1	100,0	
Centre	62,8	37,2	100,0	56,8	43,2	100,0	
South and Islands	54,7	45,3	100,0	49,1	50,9	100,0	
Exports' share of sales							
From zero to 1/3	55,7	44,3	100,0	58,0	42,0	100,0	
Between 1/3/ and 2/3	51,9	48,1	100,0	52,7	47,3	100,0	
More than 2/3	38,4	61,6	100,0	51,4	48,6	100,0	
Total Industry and services	52,4	47,6	100,0	55,9	44,1	100,0	
			Constr	uction			
Fraction of revenue derived from residential building							
Less than one third	62,1	37,9	100,0	51,1	48,9	100,0	
More than one third	59,4	40,6	100,0	47,2	52,8	100,0	
Geographical area							
North	60,0	40,0	100,0	53,2	46,8	100,0	
Centre and South-Islands	63,5	36,5	100,0	46,2	53,8	100,0	
Total construction	61,5	38,5	100,0	50,3	49,7	100,0	

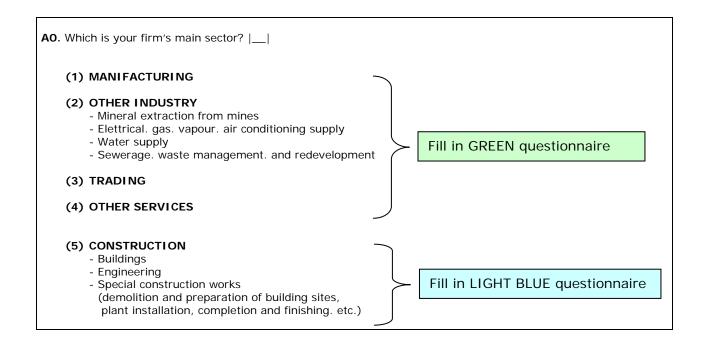
**Appendix C:** 

The questionnaire

## IL SOLE 24 ORE – BANCA D'ITALIA SURVEY ON INFLATION AND GROWTH EXPECTATIONS

**DECEMBER 2015** 

**Company Name** 



#### INDUSTRY EXCLUDING CONSTRUCTION AND SERVICES

nstructions: For	percentage changes	indicate the sign in	the first box on the left	(+ ·for increases	· —· for decreases)

SEZIONE A – GENERAL INFORM	MATION												
A1. Number of employees:	.l												
A2. Share of sales revenues coming from exports:													
(1= more than 2/3; 2= Between 1/3 and 2/3; 3= Up to 1/3 and more than zero; 4=Zero)													
SECTION B – GENERAL ECONOMIC SITUATION OF THE COUNTRY													
				in June 2	016?	in Dece 2016			December 2017?	on average bet December 2018 December 202		018 and	
B1a. (about 2/3 of the sample consumer price inflation, meas month change in the HARMONIZE PRICES was -0.1 per cent in Ital the euro area. What do you thi	ured by ED INDEX y and 0.0	the 12- OF CONSU O per cei	nt in	_    ,	%	-	_ ,  %		,  %		_	_ ,  %	
B1b. (about 1/3 of the same think consumer price inflation in the 12-month change in the HACONSUMER PRICES. will be	d by	_    _ ,	_ %		_ ,  %		,  %		_	_ ,  %			
B2. Compared with 3 months ago, do you consider Italy's general economic situation is?   Better   The same   Worse													
B3. What do you think is the probability of an improvement in Italy's general economic situation in the next 3 months?  Zero 1-25 per cent 26-50 per cent 51-75 per cent 76-99 per cent 100 per cent													
SECTION C - Your FIRM'S BUS	SINESS CO	NDITION	IS										
How do you think business con													
C1. in the next 3 months?  Much better  Better  Much worse													
C2. <u>in the next 3 years</u> ? ☐ Much better ☐ Better ☐ The same ☐ Worse ☐ Much worse													
For each of the above forecasts imagine there are 100 points available; distribute them among the possible forecasts according to the probability assigned to each one. How do you think business conditions for your company will be:													
		Better	1 1	7	The sai	me		Wor	se		Tota		
C3. in the next 3 months										1	0	0	
C4. in the next 3 years  Please indicate whether and wi	th what	intoncity	the fello	III	TODS	will offoot	   vour fir	ma/c l	husiness in	the poyt	0 2 m	0	
Factors affecting your						t on busine		111 3 1		ensity (if			
In the next 3				Negativ		Nil	Positive	9	Low	Average		High	
C5. Changes in demand				1	ı	2	3		1	2		3	
C6. Changes in YOUR PRICES				1		2	3		1	2		3	
C7. AVAILABILITY and the COST C				1	I	2	3		1	2		3	
C7.Bis Uncertainty due to econ FACTORS	NOMIC AND	) POLITIC	AL	1	I	2	3		1	2		3	
C7.Ter Exchange rate dynamics C7. Quarter Oil price dynamics				1   1	 	2   2	3  <u></u>   3  <u></u>		1  <u></u>   1	2  <u>      </u> 2  <u>         </u>		3  <u></u>   3  <u></u>	
C8. Compared with 3 month ag		u think	condition	s for inve	stmen	t are ?	☐ Bette	r 🗖	The same	J Worse	•	''	
<b>C9.</b> What do you think your liq credit?  Insufficient  Sur					3 mont	<u>hs</u> . given t	he expec	ted cl	nange in the	conditio	ns of	access to	
C10. Compared with three months ago, is the total demand for your products ?													
C11. How will the total dema	nd for yo	ur produ	ucts vary	in the ne	xt 3 m	onths?	Increase		No change	Decrea	se		
(Answer to questions C12-C13 only if the share of sales revenues coming from exports is positive. otherwise go to C14)													
1	C12. Compared with three months ago, is the foreign demand for your products ?   Higher  Unchanged  Lower												
C13. How will the foreign demand for your products vary in the next 3 months?  Increase  No change  Decrease													
C14. Compared with three months ago, are credit conditions for your company?   Better  Unchanged  Worse													
C14. Compared with three months ago, are credit conditions for your company?   Better  Unchanged  Worse  C15 Overall, do you think your firm passed the most difficult stage of the economic situation?  No  Yes													
-	nths ago firm pas	, are cre	dit condi most diff	tions for y	your co je of th	mpany? e economi	c situatio	n? 🗌	No 🗖 Yes	;	rse		

SECTION D - CHANGES IN YOUR FIRM'S SELLING PRICES

<b>D1.</b> In the last 12 months, what has been the average change in your firm's prices?										
D2. For the next 12 months, what do you expect will be	the average of	change in yo	ur firm's pri	ces?		. _	%			
Please indicate direction and intensity of the following FA	стокs as they	y will affect y	our firm's s	elling	prices <u>in</u>	the next 12	months:			
Factors affecting your firm's prices	Effect or	n firm's sellin	g prices		Inte	<b>ensity</b> (if not r	nil)			
in the next 12 months	Downward	Neutral	Upward	L	.ow	Average	High			
D3. TOTAL DEMAND	1	2	3	1	1	2	3			
<b>D4.</b> RAW MATERIALS PRICES	1	2	3	1	1	2	3			
<b>D5</b> . Intermediate Output	1	2	3	1	1	2	3			
<b>D6.</b> LABOUR COSTS	1	2	3	1	_	2	3			
<b>D7.</b> PRICING POLICIES of your firm's main competitors	1	2	3	1		2	3			
SECTION E – WORKFORCE										
Lower Unchanged Higher										
<b>E1.</b> Your firm's TOTAL NUMBER of employees in the next 3	months will t	oe:		1	1	2	3			
SEZIONE F - INVESTMENT TION F - EXCHANGE RATE EFF	ECT									
<b>F1</b> . What do you expect will be the nominal expenditure a 2015? ☐Much higher ☐A little higher ☐About the same ☐	, ,		•	estmei	nt in 201	6 compared	with that in			
<b>F2</b> . And what do you expect will be the nominal expendit ☐Much higher ☐A little higher ☐About the same ☐A little			6 compared	l with	that in th	ne second ha	If of 2015:			
NOTE: The responses "much higher" and "much lower" also apply when. in	the two periods c	ompared. investr	ments are zero.							
				lo pact	Little impact	Some impact	Strong impact			
<b>F3.</b> What was the impact of the incentive for investment on capital goods (known as the 'maxi-amortization') provided for by the 2016 Stability Law on your future investment plans?						3	4			

#### CONSTRUCTION

Instructions: For percentage changes, indicate the sign in the first box on the left (+:for increases; -: for decreases).

SEZIONE A – GENERAL INFORM	IATION											
A1. Number of employees:												
A2. Share of sales revenues coming from exports:												
(1= more than 2/3; 2= Between 1/3 and 2/3; 3= Up to 1/3 and more than zero; 4=Zero)												
A3. Share of sales revenues coming from residential sector:												
(1= more than 2/3; 2= Between 1/3 and 2/3; 3= Up to 1/3 and more than zero; 4=Zero)												
SECTION B – GENERAL ECONOMIC SITUATION OF THE COUNTRY  in December   in												
				in June	2016?		in December 2016?		cember 17?	Decem	_	8 and
consumer price inflation, meas month change in the HARMONIZE PRICES was -0.1 per cent in Ital	a. (about 2/3 of the sample) In October sumer price inflation, measured by the 12-nth change in the HARMONIZED INDEX OF CONSUMER ES was -0.1 per cent in Italy and 0.0 per cent in euro area. What do you think it will be in Italy				,  %		,  %		,  %		.  %	
B1b. (about 1/3 of the sample think consumer price inflation in the 12-month change in the HA CONSUMER PRICES. Will be	d by		,  %		,  %		,  %		_,	<u> </u>  %		
B2. Compared with 3 months ago. do you consider Italy's general economic situation is?  Better The same Worse  B3. What do you think is the probability of an improvement in Italy's general economic situation in the next 3 months?												
☐ Zero ☐ 1-25 per cent ☐ 26-50 per cent ☐ 51-75 per cent ☐ 76-99 per cent ☐ 100 per cent												
SECTION C – Your firm's business conditions												
How do you think business conditions for your company will be:												
C1. in the next 3 months?  Much better  Better  Much same  Much worse												
C2. in the next 3 years? ☐ Much better ☐ Better ☐ The same ☐ Worse ☐ Much worse												
For each of the above forecasts imagine there are 100 points available; distribute them among the possible forecasts according to the probability assigned to each one. How do you think business conditions for your company will be:												
		Better			The san	ne	١	Vorse			Total	
C3. in the next 3 months										1	0	0
C4. in the next 3 years										1	0	0
Please indicate whether and wi	th what i	ntensity	the follo	owing FAC	CTORS v	ill affec	t your firn	n's bus	iness <u>in</u>	the next	3 mon	<u>ths</u> .
Factors affecting your		usiness	5			on busin	on business		Inte	<b>ensity</b> (if r	ensity (if not nil)	
In the next 3	months			Negativ	re e	Nil	Nil Positive		ow	Average		High
C5a. trend in NEW SITES				1	.	2	3			2		3
C5b. trend in existing SITES				1	.	2	3	,		2		3
C6. changes in YOUR PRICES				1	.	2	3			2		3
C7. AVAILABILITY and the COST C	F CREDIT			1	.	2	3	_		2		3
<b>C7.Bis</b> Uncertainty due to econ factors	IOMIC AND	POLITICA	AL	1	.	2	3	,		2		3
C7.Ter EXCHANGE RATE DYNAMICS	5			1	.	2	3			2		3
C7. Quarter OIL PRICE DYNAMICS				1		2	3			2		3
C8. Compared with 3 month ag												
<b>C9.</b> What do you think your liq credit? ☐ Insufficient ☐ Su	uidity sit	uation w More	ill be <u>in</u> than suf	the next : ficient	3 month	<u>s</u> . given t	the expecte	d chan	ge in the	condition	ns of ac	ccess to
C10. Compared with three mor	nths ago,	is the <b>t</b>	<b>otal</b> der	mand for	your pro	ducts	? <b>□</b> H	igher [	<b>J</b> Uncha	nged 🗖 I	ower	
C11. How will the total deman	nd for yo	ur produ	ucts vary	in the ne	ext 3 mc	nths?	Increase [	No	hange [	Decrea	se	
(Answer to questions C12-CC14)	13 only	if the s	hare of	sales re	venues	coming	from expo	orts is	oositive	. otherw	ise go	to
C12. Compared with three more	nths ago,	is the <b>f</b>	oreign	demand f	or your	oroducts	? 🗖 H	Higher (	J Uncha	anged $\square$	Lower	
C13. How will the foreign der	mand for	your pro	oducts v	ary <u>in the</u>	next 3	months?	☐ Increas	<u>е</u> 🗖 N	o change	e 🗖 Decr	ease	

C14. Compared with three months ago, are credit conditi	ons for your	company?	Ве	tter 🗖 I	Jnchange	d 🗖 Worse				
C15 Overall, do you think your firm passed the most diffi	cult stage of	the economic	c situatio	on during	g the seco	nd half of 20	13?			
□ No □ Yes										
C16 Do you expert a solid improvement of your production/work rates in the coming months?   No  Yes										
SECTION D - CHANGES IN YOUR FIRM'S SELLING PRICES										
D1. In the last 12 months, what has been the average change in your firm's prices?										
D2. For the next 12 months, what do you expect will be the average change in your firm's prices?										
Please indicate direction and intensity of the following <b>FACTORS</b> as they will affect your firm's selling prices in the next 12 months:										
Factors affecting your firm's <b>prices</b>		Inte	<b>ensity</b> (if not r	nil)						
in the next 12 months	Downward	Neutral	Upwa	rd	Low	Average	High			
D3. TOTAL DEMAND	1	2	3	.	1	2	3			
<b>D4</b> . RAW MATERIALS PRICES	1	2	3	.	1	2	3			
D5. Intermediate Output	1	2	3	.	1	2	3			
<b>D6.</b> LABOUR COSTS	1	2	3	.	1	2	3			
<b>D7.</b> PRICING POLICIES of your firm's main competitors	1	2	3	.	1	2	3			
SECTION E – WORKFORCE										
E1 Vour firm's TOTAL NUMBER of ampleyees in the payt 2	months will b	201			Lower	Unchanged	Higher			
<b>E1.</b> Your firm's TOTAL NUMBER of employees in the next 3	monus wii t	e:			1	2	3			
SECTION F- INVESTMENT										
<b>F1</b> . What do you expect will be the nominal expenditure of 2015? $\square$ Much higher $\square$ A little higher $\square$ About the same $\square$				investm	ent in 201	6 compared	with that in			
<b>F2</b> . And what do you expect will be the nominal expendit ☐Much higher ☐A little higher ☐About the same ☐A little			6 compa	ared with	that in th	ne second ha	If of 2015:			
NOTE: The responses "much higher" and "much lower" also apply when. in	the two periods c	ompared. investr	ments are z	zero.						
				No impact	Little impact	Some impact	Strong impact			
F3. What was the impact of the incentive for investment on capital goods (known as the 'maxi-amortization') provided for by the 2016 Stability Law on your future investment plans?										

#### **GENERAL INFORMATION**

- I Unless indicated otherwise. figures have been computed by the Bank of Italy.
- II Symbols and Conventions:
  - the phenomenon in question does not occur;
  - .... the phenomenon occurs but its value is not known;
  - .. the value is known but is nil or less than half the final digit shown.

Figures in parentheses in roman type () are provisional. those in parentheses in italics () are estimated.

- III The tables are identified both by a number and by an alphanumeric code that defines the content of the table in the database in the electronic archive in which information to be released to the public is held. A similar code identifies the different aggregates shown in each table.
- IV The methodological notes in the last part of the Supplement are identified by electronic codes that refer to the tables and, within each table, to the individual aggregates. Notes that refer to a single observation are also identified by the date of that observation.

#### SUPPLEMENTS TO THE STATISTICAL BULLETIN

Money and Banking (monthly)

The Financial Market (monthly)

The Public Finances. borrowing requirement and debt (monthly)

Balance of Payments and International Investment Position (monthly)

Financial Accounts (quarterly)

Payment System (half yearly)

 $\textbf{Public Finance Statistics in the European Union} \ \ (\textbf{half yearly})$ 

Local Government Debt (half yearly)

Household Wealth in Italy (annual)

Sample Surveys (irregular)

Methodological Notes (irregular)

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Requests for clarifications concerning data contained in this publication can be sent by e-mail to statistiche@bancaditalia.it

