# Supplements to the Statistical Bulletin Sample Surveys 

Survey on Inflation and Growth Expectations
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## 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 data are not statistically significant;
.. the value is known but is nil or less than half the final digit shown.


## SUPPLEMENTS TO THE STATISTICAL BULLETIN

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## CONTENTS

page1. Introduction ..... 5
2. Main results ..... 5
Appendix A: Methodological note ..... 11
Appendix B: Statistical tables ..... 17
Appendix C: The questionnaire. ..... 29

This publication contains the main findings of the Bank of Italy-Il Sole 24 Ore survey on inflation and growth expectations. The data were collected in September 2007 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.
We would like to thank all the companies that agreed to take part in the survey.

## SURVEY ON INFLATION AND GROWTH EXPECTATIONS ${ }^{(1)}$

## 1. Introduction

The interviews for the September 2007 version of the Bank of Italy/Il Sole 24 Ore quarterly survey on inflation and growth expectations were carried out between 3 September 2007 and 1 October 2007. 454 companies with at least 50 employees participated in the survey, 250 of which operate in the industrial sector and 204 in the services sector.

The companies were asked to provide forecasts on both macroeconomic topics, such as the inflation rate and the general situation of the industrial system in Italy, and issues related to their own activities. In some cases, the forward-looking opinions are accompanied by backward-looking assessments and, where possible, explanations are provided of the factors behind the reported or expected developments.

The main results of the survey are summarized below. The appendices contain the methodological note, the detailed statistical tables and the questionnaire used.

## 2. Main results

## Expectations of consumer inflation in Italy

Inflation is expected to be 2.1 per cent over the next 12 months, with no changes vis-à-vis the results from the previous quarter (Table 1 and Figure 1). In September 2007, the rate of consumer price inflation was 1.7 per cent, 0.8 percentage points lower than expected in September 2006 (Figure 2).

## Assessment of the general economic situation

The companies' assessments have worsened in relation to the previous quarter: 39.3 per cent of companies think that the general economic situation in Italy has worsened compared with three months earlier, 53.2 per cent think it is unchanged, and 7.5 per cent think it has improved. The balance between positive and negative assessments has now changed sign and is wider than in the last two quarters (Table 2).

Companies with at least 200 employees and those in the Centre viewed the general economic situation less severely, while negative views were more widespread in the North-East (46 per cent) and the South ( 45.4 per cent).

Optimism about the future was concentrated in companies with at least 1000 employees where 12 per cent put the likelihood of an improvement in the general economic situation in the next three months at "more than $50 \%$ ", which is only slightly below the figure for all the companies interviewed in the previous two quarters. For the remaining companies, however, the percentage believing the likelihood of an improvement to be at least one in four does not exceed 20 per cent ( 28.5 per cent in the previous quarter for all companies). The likelihood of an improvement in the next three months is zero for 41 per cent of companies; this percentage was 22.5 per cent in the previous quarter. There is more pessimism in the North-West ( 49.8 per cent) and among companies with less than 200 employees ( 43.5 per cent). There is a strong correlation between the views regarding the development of the economy in the previous three months and those regarding the likelihood of an improvement in the following three months (Table 4).

## Business environment

Although 64.5 per cent of companies believe that their business environment will remain unchanged in the next three months, the share of those who expect a positive development is less than the share of those who expect the situation to worsen ( 13.5 per cent compared with 22 per cent; Table 5). The differential between the two options has changed sign since the last survey ( 17.6 percentage points compared with 11 percentage points in June). There is again a strong correlation between the opinions expressed and the views regarding economic developments in the previous three months (Table 6).

As in the past, companies view the effects of domestic and foreign demand as positive, even if slightly less so than in the previous quarter, while they think that the effects of increases in raw materials prices and labour costs will have a slightly negative impact on their business in the next quarter (Table 7).

Expectations with regard to the business situation in the next three years remain positive: 42.5 per cent of companies expect an improvement (compared with 46.2 per cent in June), while 22 per cent expect conditions to worsen (compared with 22.8 per cent; Table 8). Positive responses for the next three years have increased in the industrial sector, in the Centre and in the South and Islands, but have decreased in the North and in the services sector. The balances for all groups continue to be wide and positive.

## Investment environment

Some 57.9 per cent of companies judge that the investment environment has remained unchanged in the last three months (compared with 70.9 per cent in the last survey). The balance between optimistic and pessimistic views is clearly negative and much more so than in the previous quarter at an aggregate level ( -27.8 percentage points compared with -3.4 ; Table 9 ) and for all groups in the survey.

## Employment rate

With regard to total employment, three-month forecasts of an increase outweigh those of a reduction ( 24 per cent compared with 16.6 per cent). While the balance between the two directions is still positive, it is 4.3 percentage points lower than last June. In particular, fixed-term employment is expected to remain basically unchanged ( 13.2 per cent expect an increase, 13.9 per cent a decrease while in the previous quarter the balance was positive by 8 percentage points). As in June, the services sector has a greater expectation of an increase in employment, rather than a decrease ( 28.6 per cent compared with 14.3 per cent) and in the North-East ( 27.3 per cent compared with 14.7 per cent), even if in this geographical area the balance has approximately halved since the last survey ( +12.6 percentage points compared with +26.1 ) The same balance, although positive, is clearly falling also as regards companies with less than 1000 employees. By contrast, and in line with the last survey, employment is expected to fall slightly in the industrial sector ( 17.6 per cent compared with 19.6 per cent) and in companies in the Centre ( 10.6 compared with 12.1 per cent), above all for the fixed-term component ( 5.7 per cent compared with 17.3 per cent in the Centre). However, fixed-term employment is rising in companies with at least 1000 employees ( 27.9 per cent compared with 15.7 per cent) and in companies in the North-West (15.3 per cent compared with 7.7 per cent); for these latter companies, the positive balance seems to have halved since last June.

## Changes in companies' sales prices

On average, companies reported an increase in their sales prices of 1.8 per cent in the past 12 months, 0.3 percentage points less than they expected in September 2006. For the next year, they expect a rise of 2 percentage points (Table 11). As in the past, companies in the South and
those with less than 200 employees seem to be experiencing a steadier rise, for the latter group in relation to the forecasts, while those in the services sector have reported a more contained increase, both backward- and forward-looking. Prices have also increased less in the North-East. Companies report that tensions in pricing can be explained mainly by changes in raw materials prices and, to a lesser extent, changes in the exchange rate of the euro (Table 12).

There is a general expectation among companies that their prices will increase by less than the general index in the course of the next 12 months. This trend seems less marked in recent surveys: the differential vis-à-vis forecasts for September 2008 is 0.1 percentage points (Figure 3). The difference between the annual inflation rate reported in September 2007 and the price increases reported by companies over the same time period is very small, -0.1 percentage points compared with -1.0 percentage points in June.

Figure 1
Expectations of consumer price inflation in Italy and actual rate
(percentages)


Figure 2
Differential between expected and actual inflation rates
(percentage points)


Figure 3

## Differential between price changes reported by companies and the inflation rate: forecasts and actual outcomes



## Appendix A:

Methodological note

## METHODOLOGICAL NOTE

## A1. The sample

Since 1999, the Bank of Italy and the daily newspaper Il Sole 24 Ore have conducted a quarterly survey on inflation and growth expectations. The surveys are conducted in March, June September and December. The main findings are summarized in an article published in Il Sole 24 Ore in the second half of the month following the reference month. At the same time, the detailed statistical tables and a short economic commentary are published on the Bank of Italy's website.

The sample usually consists of around 500 companies with at least 50 employees which operate in the main sectors of the economy, except for agriculture and construction. The most recent survey covered 454 companies, 250 from the industrial sector and 204 from the services sector.

The sample is stratified by number of employees (50-199, 200-999, 1000 and over), sector (industry, services) and geographical area (North-West, North-East, Centre, South and Islands) in order to increase the accuracy of the assessments. The need to ensure a minimum sample size for each category of company considered relevant means that, in some cases, the number of companies selected is not representative of the relative share of that category. This is in particular true of large companies.

Table 1a shows the composition of the sample broken down by number of employees, sector and geographical area.

Table 1a - Composition of sample and universe
(units, percentages)

|  | Sample size <br> (a) | Company universe ${ }^{(*)}$ <br> (b) | Sample coverage rate $(\mathrm{a} / \mathrm{b}) * 100$ |
| :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |
| 50-199 ........................... | 173 | 16,773 | 1.0 |
| 200-999 ......................... | 170 | 3,353 | 5.1 |
| Over 999 ........................ | 111 | 478 | 23.2 |
| Sector |  |  |  |
| Industry.......................... | 250 | 11,954 | 2.1 |
| Services........................ | 204 | 8,650 | 2.4 |
| Geographical area |  |  |  |
| North-West ................... | 181 | 8,329 | 2.2 |
| North-East...... | 144 | 5,860 | 2.5 |
| Centre ......................... | 79 | 3,542 | 2.2 |
| South and Islands .............. | 50 | 2,873 | 1.7 |
| Total .................................. | 454 | 20,604 | 2.2 |

(*) ISTAT (2004).

## A2. Data collection and estimation

The survey data are collected by a specialist company which distributes the questionnaire to company managers who are well-informed about the topics covered by the survey. The questionnaire is usually compiled online via a purpose-designed interface made available to the respondents. A small number of the companies submit their answers via fax (Table 2a).

Table 2a - Response rates and data collection via Internet
(units, percentages)

|  | Companies contacted | Response rate ${ }^{(*)}$ | Data collected via Internet |
| :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |
| 50-199............................ | 538 | 33.6 | 96.0 |
| 200-999...... | 329 | 52.6 | 95.9 |
| Over 999 ....................... | 124 | 84.7 | 96.4 |
| Sector |  |  |  |
| Industry ........................ | 546 | 46.2 | 95.6 |
| Services......................... | 445 | 46.5 | 96.6 |
| Geographical area |  |  |  |
| North-West .................... | 389 | 46.5 | 95.0 |
| North-East... | 316 | 45.9 | 97.9 |
| Centre .......................... | 177 | 45.2 | 96.2 |
| South and Islands .............. | 109 | 48.6 | 94.0 |
| Total ................................... | 991 | 46.3 | 96.0 |

$\left({ }^{*}\right)$ Percentage of companies contacted which participated in the survey. $\left({ }^{* *)}\right.$ Percentage of participating companies which completed the questionnaire via internet.

The collected data are subject to an initial quality check so that any incorrect data (resulting from typing mistakes, for example) 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 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 development of the variables attributed to the companies, the weighting also takes account of the size in terms of the number of employees of the participating companies, 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 5 th and the 95 th percentile have been set at the threshold values of those percentiles. The results are generally in line with those obtained from the total sample (Table 3a).

Table 4 a contains, for documentation purposes, the standard errors in relation to the main variables for the total sample.

Table 3a - Estimation of the main variables surveyed and missing responses (percentages)

|  | Mean | Mean <br> (robust) | Median | Missing <br> responses <br> (percentages) |
| :--- | :---: | :---: | :---: | :---: |
| Consumer price inflation in Italy .................................... | 2.1 | 2.1 | 2.0 | 0.0 |
| Change in own prices in the previous 12 months............... | 1.8 | 1.8 | 1.4 | 7.5 |
| Change in own prices in the next 12 months..................... | 2.0 | 2.2 | 1.6 | 8.4 |

Table 4a - Standard errors

| Consumer price inflation in Italy .......................................................................................... | 0.03 |
| :---: | :---: |
| Change in own prices in the previous 12 months....................................................................... | 0.68 |
| Change in own prices in the previous 12 months (robust) ........................................................... | 0.48 |
| Change in own prices in the next 12 months............................................................................ | 0.64 |
| Change in own prices in the next 12 months (robust) <br> Factors which will affect business conditions: | 0.48 |
| Domestic demand................................................................................................................ | 0.08 |
| Foreign demand ................................................................................................................ | 0.06 |
| Own prices ......................................................................................................................... | 0.08 |
| Raw materials prices ........................................................................................................... | 0.08 |
| Labour costs | 0.08 |
| Factors which will affect companies' prices: |  |
| Demand.......................................................................................................................... | 0.06 |
| Raw materials prices .......................................................................................................... | 0.08 |
| Labour costs ....................................................................................................................... | 0.05 |
| Exchange rate of the euro.................................................................................................... | 0.07 |

## Appendix B:

## Statistical tables

Table 1 - Expectations of consumer price inflation in Italy for the next 12 months
(percentages)

|  | Consumer price inflation rate |
| :---: | :---: |
| Number of employees |  |
| 50-199.................................................................................................. | 2.1 |
| 200-999................................................................................................ | 2.1 |
| Over 999. | 2.0 |
| Sector |  |
| Industry ................................................................................................. | 2.1 |
| Services................................................................................................. | 2.1 |
| Geographical area |  |
| North-West ........................................................................................... | 2.1 |
| North-East............................................................................................ | 2.0 |
| Centre .................................................................................................. | 2.0 |
| South and Islands ..................................................................................... | 2.2 |
| Total ............................................................................................................ | 2.1 |

Table 2 - View of the general economic situation
(percentages)

|  | Worse than previous quarter | Unchanged from previous quarter | Better than previous quarter | Total |
| :---: | :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |  |
| 50-199 .................................... | 41.8 | 50.8 | 7.4 | 100.0 |
| 200-999 .................................. | 27.5 | 65.0 | 7.5 | 100.0 |
| Over 999 ................................. | 30.7 | 57.5 | 11.8 | 100.0 |
| Sector |  |  |  |  |
| Industry .................................. | 34.6 | 56.2 | 9.2 | 100.0 |
| Services.................................. | 42.6 | 51.1 | 6.3 | 100.0 |
| Geographical area |  |  |  |  |
| North-West.............................. | 46.0 | 45.3 | 8.7 | 100.0 |
| North-East............................... | 35.5 | 54.8 | 9.7 | 100.0 |
| Centre........................... | 25.0 | 72.1 | 2.9 | 100.0 |
| South and Islands ..................... | 45.4 | 49.2 | 5.3 | 100.0 |
| Total ........................................... | 39.3 | 53.2 | 7.5 | 100.0 |
| Memorandum items: |  |  |  |  |
| June 2007 .............................. | 14.0 | 60.3 | 25.7 | 100.0 |
| March 2007 ..................... | 10.1 | 48.3 | 41.7 | 100.0 |
| December 2006 ..................... | 17.5 | 58.3 | 24.2 | 100.0 |

## Table 3 - Likelihood of an improvement in the general economic situation in the next three months

(percentages)

|  | Zero | 1-25 | 26-50 | 51-75 | 76-100 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |  |  |  |
| 50-199...................................... | 43.5 | 44.7 | 8.0 | 3.1 | 0.6 | 100.0 |
| 200-999.. | 31.7 | 49.2 | 14.3 | 4.8 | 0.0 | 100.0 |
| Over 999 .................................. | 23.3 | 43.7 | 21.1 | 9.2 | 2.7 | 100.0 |
| Sector |  |  |  |  |  |  |
| Industry ..................................... | 42.7 | 47.3 | 6.9 | 2.0 | 1.1 | 100.0 |
| Services..................................... | 40.1 | 44.1 | 11.1 | 4.7 | 0.1 | 100.0 |
| Geographical area |  |  |  |  |  |  |
| North-West ................................ | 49.8 | 34.4 | 12.5 | 3.1 | 0.1 | 100.0 |
| North-East.................................. | 33.1 | 51.8 | 8.5 | 6.6 | 0.0 | 100.0 |
| Centre ....................................... | 35.6 | 51.1 | 8.5 | 2.1 | 2.7 | 100.0 |
| South and Islands ......................... | 40.2 | 56.9 | 2.9 | 0.0 | 0.0 | 100.0 |
| Total ............................................. | 41.2 | 45.4 | 9.3 | 3.5 | 0.5 | 100.0 |
| Memorandum items: |  |  |  |  |  |  |
| June 2007 ................................. | 22.5 | 48.9 | 15.3 | 11.2 | 2.0 | 100.0 |
| March 2007............................... | 15.5 | 50.6 | 18.0 | 13.2 | 2.7 | 100.0 |
| December 2006......................... | 28.0 | 48.7 | 13.8 | 8.9 | 0.5 | 100.0 |

Table 4 - Likelihood of an improvement in the general economic situation in the next three months, by view of the current situation

|  | Zero | 1-25 | 26-50 | 51-75 | 76-100 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| View of the current general economic situation |  |  |  |  |  |  |
| Worse than in 6/2007 .................... | 60.5 | 31.8 | 6.4 | 0.1 | 1.2 | 100.0 |
| Unchanged from 6/2007 ................. | 33.0 | 53.0 | 9.9 | 4.1 | 0.0 | 100.0 |
| Better than in 6/2007...................... | 2.0 | 58.3 | 21.4 | 17.5 | 0.7 | 100.0 |
| Total .............................................. | 41.3 | 45.2 | 9.4 | 3.6 | 0.5 | 100.0 |

Table 5 - Three-month forecast of the business environment
(percentages)

|  | Worsening | No change | Improvement | Total |
| :---: | :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |  |
| 50-199...................................... | 22.9 | 63.3 | 13.9 | 100.0 |
| 200-999.................................... | 17.1 | 70.7 | 12.2 | 100.0 |
| Over 999 ................................. | 25.5 | 66.1 | 8.4 | 100.0 |
| Sector |  |  |  |  |
| Industry ..................................... | 17.8 | 65.0 | 17.2 | 100.0 |
| Services................................... | 25.1 | 64.2 | 10.7 | 100.0 |
| Geographical area |  |  |  |  |
| North-West ................................ | 26.6 | 61.0 | 12.4 | 100.0 |
| North-East................................. | 25.4 | 66.5 | 8.1 | 100.0 |
| Centre ..................................... | 12.1 | 67.2 | 20.7 | 100.0 |
| South and Islands ......................... | 13.8 | 67.1 | 19.0 | 100.0 |
| Total ............................................. | 22.0 | 64.5 | 13.5 | 100.0 |
| Memorandum items: |  |  |  |  |
|  | 11.0 | 71.4 | 17.6 | 100.0 |
| March 2007... | 9.8 | 66.2 | 23.9 | 100.0 |
| December 2006............................. | 12.6 | 70.5 | 16.8 | 100.0 |

Table 6 - Three-month forecast of the business environment,
by view of the general economic situation
(percentages)

|  | Worsening | No change | Improvement | Total |
| :--- | :---: | :---: | :---: | :---: |
| View of the current general economic <br> situation |  |  |  |  |
| Worse than 6/2007 ....................... | 43.0 |  |  |  |
| Unchanged from 6/2007............... | 9.6 | 51.1 | 5.8 | 100.0 |
| Better than 6/2007....................... | 1.7 | 41.8 | 11.9 | 100.0 |
| Total ....................................................... | $\mathbf{2 2 . 2}$ | $\mathbf{6 4 . 9}$ | 56.5 | 100.0 |

Table 7 - Factors which will affect the business environment

| (average scores) ${ }^{*}$ ) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Change in domestic demand | Change in foreign demand | Change in own prices | Change in raw materials prices | Change in labour costs |
| Number of employees |  |  |  |  |  |
| 50-199............................... | 0.4 | 0.6 | 0.1 | -1.0 | -0.6 |
| 200-999............................. | 0.4 | 0.7 | 0.0 | -0.8 | -0.7 |
| Over 999 ........................... | 0.2 | 0.5 | 0.1 | -0.7 | -0.5 |
| Sector |  |  |  |  |  |
| Industry ............................. | 0.3 | 0.9 | -0.1 | -1.2 | -0.7 |
| Services............................ | 0.4 | 0.3 | 0.2 | -0.8 | -0.6 |
| Geographical area |  |  |  |  |  |
| North-West ........................ | 0.3 | 0.6 | 0.1 | -0.7 | -0.5 |
| North-East......................... | 0.4 | 0.5 | 0.1 | -1.3 | -0.8 |
| Centre ............................... | 0.6 | 0.6 | 0.1 | -1.1 | -0.8 |
| South and Islands ................. | 0.2 | 0.7 | 0.1 | -1.0 | -0.6 |
| Total ...................................... | 0.4 | 0.6 | 0.1 | -1.0 | -0.6 |

$\left({ }^{*}\right)$ Companies' views with regard to the direction and degree of the expected impact of each factor on their business conditions in the next three months (high/average/low increase or decrease) were measured on a scale of -3 to 3 . A neutral position is indicated by 0 .

Table 8 - Three-year forecast of the business environment

| (percentages) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Worsening | No change | Improvement | Total |
| Number of employees |  |  |  |  |
| 50-199...................................... | 21.9 | 35.2 | 42.9 | 100.0 |
| 200-999..................................... | 22.8 | 37.3 | 39.9 | 100.0 |
| Over 999 ................................. | 20.6 | 28.9 | 50.6 | 100.0 |
| Sector |  |  |  |  |
| Industry ..................................... | 23.8 | 25.8 | 50.4 | 100.0 |
| Services..................................... | 20.7 | 42.7 | 36.6 | 100.0 |
| Geographical area |  |  |  |  |
| North-West ............................... | 25.2 | 36.7 | 38.1 | 100.0 |
| North-East............................... | 23.2 | 45.4 | 31.4 | 100.0 |
| Centre ..................................... | 21.5 | 19.3 | 59.2 | 100.0 |
| South and Islands ......................... | 10.8 | 31.4 | 57.8 | 100.0 |
| Total ... | 22.0 | 35.4 | 42.5 | 100.0 |
| Memorandum items: |  |  |  |  |
| June 2007................................... | 22.8 | 31.0 | 46.2 | 100.0 |
| March 2007................................ | 18.6 | 28.0 | 53.4 | 100.0 |
| December 2006........................... | 17.2 | 32.7 | 50.1 | 100.0 |

Table 9 - View of investment environment
(percentages)

|  | Worse than previous quarter | Unchanged from previous quarter | Better than previous quarter | Total |
| :---: | :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |  |
| 50-199................................ | 36.3 | 56.4 | 7.3 | 100.0 |
| 200-999 ............................... | 29.2 | 64.6 | 6.2 | 100.0 |
| Over 999 ............................ | 23.3 | 67.0 | 9.6 | 100.0 |
| Sector |  |  |  |  |
| Industry ................................. | 35.9 | 57.2 | 7.0 | 100.0 |
| Services................................. | 34.3 | 58.5 | 7.3 | 100.0 |
| Geographical area |  |  |  |  |
| North-West............................ | 36.6 | 56.6 | 6.9 | 100.0 |
| North-East............................ | 39.8 | 50.4 | 9.8 | 100.0 |
| Centre.................................. | 24.0 | 70.0 | 6.0 | 100.0 |
| South and Islands ..................... | 33.2 | 63.0 | 3.8 | 100.0 |
| Total ......................................... | 34.9 | 57.9 | 7.1 | 100.0 |
| Memorandum items: |  |  |  |  |
| June 2007 ............................. | 16.3 | 70.9 | 12.9 | 100.0 |
| March 2007 ........................... | 15.8 | 63.5 | 20.7 | 100.0 |
| December 2006 ..................... | 24.1 | 59.2 | 16.6 | 100.0 |

Table 10 - Three-month forecast of employment (percentages)

|  | Total employment |  |  | Permanent employment |  |  | Fixed-term employment |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Declining | Unchanged | Rising | Declining | Unchanged | Rising | Declining | Unchanged | Rising |
| Number of employees |  |  |  |  |  |  |  |  |  |
| 50-199...... | 15.8 | 61.1 | 23.2 | 10.5 | 72.7 | 16.8 | 13.7 | 74.9 | 11.3 |
| 200-999............... | 19.3 | 54.4 | 26.2 | 15.9 | 67.2 | 16.9 | 14.8 | 64.4 | 20.8 |
| Over $999 . . . . . .$. | 28.2 | 37.9 | 33.9 | 28.0 | 41.2 | 30.9 | 15.7 | 56.3 | 27.9 |
| Sector |  |  |  |  |  |  |  |  |  |
| Industry ................ | 19.6 | 62.9 | 17.6 | 12.9 | 74.0 | 13.1 | 19.8 | 67.6 | 12.6 |
| Services.......... | 14.3 | 57.1 | 28.6 | 10.8 | 69.1 | 20.1 | 9.5 | 76.8 | 13.7 |
| Geographical area |  |  |  |  |  |  |  |  |  |
| North-West ......... | 16.8 | 58.2 | 25.0 | 16.5 | 68.1 | 15.4 | 7.7 | 76.9 | 15.3 |
| North-East............ | 14.7 | 57.9 | 27.3 | 10.8 | 65.2 | 24.0 | 13.1 | 73.9 | 12.9 |
| Centre ................. | 12.1 | 77.3 | 10.6 | 6.7 | 82.1 | 11.2 | 17.3 | 77.1 | 5.7 |
| South and Islands.. | 25.7 | 44.1 | 30.2 | 6.8 | 78.9 | 14.2 | 28.8 | 53.8 | 17.4 |
| Total ........................ | 16.6 | 59.6 | 23.9 | 11.7 | 71.2 | 17.1 | 13.9 | 72.9 | 13.2 |
| Memorandum items: |  |  |  |  |  |  |  |  |  |
| June 2007............. | 18.4 | 51.7 | 30.0 | 14.2 | 63.7 | 22.1 | 14.5 | 63.0 | 22.5 |
| March 2007........... | 18.4 | 46.5 | 35.1 | 16.6 | 57.6 | 25.9 | 13.2 | 59.6 | 27.2 |
| December 2006..... | 19.0 | 49.7 | 31.4 | 15.6 | 60.9 | 23.6 | 14.4 | 62.7 | 22.9 |

## Table 11 - Change in companies' sales prices

(percentages) ${ }^{(*)}$

(*) Companies' responses are weighted by the number of employees in order to account for the impact of size.
${ }^{(* *)}$ Values outside the range between the 5 th and the 95 th percentile have been set at the threshold values of those percentiles.

## Table 12 - Factors affecting companies' sales prices <br> (average scores) ${ }^{\text {(") }}$

|  | Change in demand | Change in raw materials prices | Change in labour costs | Change in the exchange rate of the euro |
| :---: | :---: | :---: | :---: | :---: |
| Number of employees |  |  |  |  |
| 50-199 ........................... | 0.3 | 1.0 | 0.0 | 0.7 |
| 200-999 .......................... | 0.2 | 0.7 | 0.0 | 0.7 |
| Over 999......................... | -0.1 | 0.3 | 0.1 | 0.3 |
| Sector |  |  |  |  |
| Industry .......................... | 0.2 | 1.1 | 0.1 | 0.6 |
| Services .......................... | 0.1 | 0.4 | 0.1 | 0.5 |
| Geographical area |  |  |  |  |
| North-West.................... | 0.3 | 0.6 | -0.1 | 0.5 |
| North-East...................... | 0.0 | 0.8 | 0.1 | 0.6 |
| Centre............................ | 0.0 | 0.3 | 0.2 | 0.4 |
| South and Islands .............. | 0.3 | 0.8 | 0.0 | 0.6 |
| Total................................. | 0.1 | 0.6 | 0.1 | 0.5 |

(*) Companies' views with regard to the direction and degree of the impact of each factor on future sales prices (high/average/low increase or decrease) were measured on a scale of -3 to 3 . A neutral position is indicated by 0 . Companies' responses are weighted by the number of employees in order to account for the impact of size.

## Appendix C:

The questionnaire

| Il Sole 24 Ore - Bank of Italy survey on inflation and growth expectations - SEPTEMBER 2007 |  |
| :---: | :---: |
| Company |  |
| Address |  |
| Name and position of respondent |  |
| Telephone _-_-_-_-_-_-_ Fax | E-Mail |

$\Rightarrow$ Instructions: Where you are asked to state percentage changes. please indicate the sign in the first box on the left (+ for increases; - for decreases).
Please indicate the NUMBER OF EMPLOYEES (most recent data available)
|__|__|__|__|__|__|

## SECTI ON A - General economic situation in Italy

A1. In July consumer price inflation, measured by the annual change in the HARMONIZED INDEX OF CONSUMER PRICES, stood at 1.7 in Italy and at 1.8 in the euro area. What will the consumer price inflation rate in Italy be 12 months from now?

A2. Compared with 3 months ago, do you think that the general economic situation in Italy is: $\square$ Better $\square$ Unchanged $\square$ Worse
A3. What is the likelihood of an improvement in the general economic situation in Italy in the next 3 months:
$\square$ Nil $\square$ Between 1\% and 25\% $\square$ Between 26\% and 50\% $\square$ Between 51\% and 75\% $\square$ Between 76\% and 99\% $\square$ 100\%

## SECTION B - Your company's business environment

B1. In the next 3 months. do you think that your company's business environment will be:

- Better $\square$ Unchanged $\square$ Worse

B2. And in the next 3 years:
$\square$ Better $\square$ Unchanged $\square$ Worse
Please indicate if and to what degree the following FACTORS will affect your company's business in the next 3 months. Please indicate whether the impact will be negative. none or positive. Degree: $1=$ low. $2=$ average. $3=$ high.

Factors which will affect the company's business in the next 3 months

B3. The impact of developments in DOMESTIC DEMAND on your business will be...
B4. The impact of developments in FOREIGN DEMAND on your business will be...
B5. The impact of developments in Your Prices on your business will be...
B6. The impact of developments in RAW MATERIALS PRICES on your business will be...
B7. The impact of developments in LABOUR COSTS on your business will be...

| I mpact on company's business |  |  | Degree (if negative/positive) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Negative | None | Positive | Low | Average | High |
| $\left.1\right\|_{\text {_- }} \mid$ | 2\|__| | $3\|\ldots\|$ | $\left.1\right\|_{-\_} \mid$ | $2\|\ldots\|$ | 3\|__| |
| 1\|__| | 2\|__| | $\left.3\right\|_{\text {__ }}$ | $\left.1\right\|_{-\_} \mid$ | $\left.2\right\|_{\text {__ }}$ | $3\|\ldots\|$ |
| $\left.1\right\|_{\text {__ }} \mid$ | 2\|__| | $\left.3\right\|_{\text {__ }}$ | $\left.1\right\|_{\text {_- }} \mid$ | $\left.2\right\|_{\text {__ }}$ | $31 . \ldots \mid$ |
| $\left.1\right\|_{\text {_- }}$ \| | 2\|__| | $\left.3\right\|_{\text {__ }}$ | $\left.1\right\|_{-\_} \mid$ | $\left.2\right\|_{\text {__ }}$ | $31 \ldots 1$ |
| $\left.1\right\|_{\text {__ }} \mid$ | 2\|__| | $\left.3\right\|_{\text {__ }}$ | $\left.1\right\|_{-\_} \mid$ | $\left.2\right\|_{\text {__ }}$ \| | 3\|__| |

B8. Compared with 3 months ago, do you think that the investment environment is: $\square$ Better $\square$ Unchanged $\square$ Worse
B9. In the last 12 months, what has been the average change in prices charged by your company? $\left.\left.\right|_{-\_}| |_{-\_}\right|_{-}|\cdot|_{\_\_} \mid \%$
B10. Over the next 12 months, what do you expect to be the average change in prices charged by your company? $\left.\left.\right|_{-\_}| |_{-\_}\right|_{-\_}|\cdot|_{-\_} \mid \%$
Please indicate in which direction and to what degree the factors below will affect your sales prices over the next 12 months. Please indicate whether the impact will be downward, neutral or upward. Degree: $1=$ low, $2=$ average, $3=$ high.

| Factors which will affect the company's prices in the next 12 months | I mpact on the prices charged by the company |  |  | Degree (if upward/downward) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Downward | Neutral | Upward | Low | Average | High |
| B11. The impact of developments in overall demand on your prices will be... <br> B12. The impact of developments in raw materials prices on your prices will be... <br> B13. The impact of developments in LABOUR COSTS on your prices will be... <br> B14. The impact of developments in the exchange rate of the euro on your prices will be... | $\begin{gathered} \left.1\right\|_{-\_} \mid \\ \left.1\right\|_{-\_} \mid \\ \left.1\right\|_{-\_} \mid \\ \left.1\right\|_{\ldots-} \mid \end{gathered}$ | $2 \mid$ __ <br> 2\|__| <br> $2 \mid$ __ <br> 2\|__| | $3\left\|\_\right\|$ <br> $3\left\|\_\right\|$ <br> $3\left\|\_\right\|$ <br> $3\left\|\_\right\|$ | $\begin{aligned} & \left.1\right\|_{\ldots-} \mid \\ & \left.1\right\|_{\_-} \mid \\ & \left.1\right\|_{\ldots-} \mid \\ & \left.1\right\|_{Z-} \mid \end{aligned}$ | $\begin{aligned} & \left.2\right\|_{-} \mid \\ & \left.2\right\|_{-} \mid \\ & \left.2\right\|_{--} \mid \\ & \left.2\right\|_{\ldots-} \end{aligned}$ |  |
| Please indicate the direction in which the employment situation in your company will change over the next 3 months: |  |  |  | Downward | Unchanged | Upward |
| B15. TOTAL number of employees <br> B16. Number of employees with PERMANENT CONTRACTS <br> B17. Number of employees WITH FIXED-TERM CONTRACTS |  |  |  | $\begin{aligned} & \left.1\right\|_{\ldots} \mid \\ & \left.1\right\|_{\ldots} \mid \\ & \left.1\right\|_{\_-} \mid \\ & \hline \end{aligned}$ | $\begin{aligned} & \left.2\right\|_{\ldots} \quad \mid \\ & \left.2\right\|_{\ldots} \mid \\ & \left.2\right\|_{\ldots} \mid \end{aligned}$ | $\begin{aligned} & \left.3\right\|_{1} \quad \mid \\ & \left.3\right\|_{\ldots} \mid \\ & \left.3\right\|_{\ldots-} \mid \end{aligned}$ |


[^0]:    Monetary Financial Institutions: Banks and Money Market Funds (monthly)
    The Financial Market (monthly)
    The Public Finances (monthly)
    Balance of Payments (monthly)
    Monetary and Credit Aggregates of the Euro Area: the Italian Components (monthly)
    Financial Accounts (quarterly)
    Payment System (half yearly)
    Public Finance Statistics in the European Union (annual)
    Local Government Debt (annual)
    Sample Surveys (irregular)
    Methodological Notes (irregular)
    All the supplements are available on the Bank of Italy's site (www.bancaditalia.it).
    Requests for clarifications concerning data contained in this publication can be sent by e-mail to statistiche@bancaditalia.it

