

## Quality report on investment in industry survey

CONTACT	
<b>Country (Area)</b>	France
<b>Survey</b>	Investment in industry
<b>Service investigator</b>	National Institute of Statistics and Economic Studies Economic Studies and National Accounts Directorate Short Term Economic Forecasts Department Business Tendency Surveys Division
<b>Reference year of data</b>	2007
<b>Data of completion</b>	March 2008

METHODOLOGY	
<b>Population Reference (Universe)</b>	Legal units of the industry field. Around 245,000 firms.
<b>Sampling frame</b>	Yearly exhaustive survey (for industrial and food firms of 20 employees or more), called <i>Enquête Annuelle d'Entreprise</i> (EAE, Yearly Business Survey in industry).
<b>Size of the actual frame list</b>	24,000 firms
<b>Characteristics of the frame list</b>	Identification number, address, name, NACE code, workforce, turnover.
<b>Frame list update</b>	Every year
<b>Sampling method</b>	The sample is stratified by workforce and activity sector. The firms with more than 500 employees or more than 150 millions euros turnover are automatically included. Updating every year or every two years: <ul style="list-style-type: none"> <li>- Sample cleaning: clearance of ceased or out of activity field firms; little companies with erratic answers are also eliminated while new big companies are included;</li> <li>- Sample increase: random drawing of firms according to a stratified sampling.</li> </ul>
<b>Sample size</b>	4,000 units
<b>Sample coverage</b>	67% in terms of turnover for the industrial firms (EAE).
<b>Sectors and/or categories currently covered</b>	According to NACE rév. 2 the survey covers: <ul style="list-style-type: none"> <li>- Other mining and quarrying (08), extraction of peat (08.92) is excluded;</li> <li>- Mining support service activities (09) without support activities for petroleum and natural gas mining (09.10Z);</li> <li>- Food and manufacturing industries (10 to 33), without tobacco products (12), coke oven products (19.10Z) and military fighting vehicles (30.40Z).</li> </ul>
<b>Sample representativeness</b>	Between 1 to 3 points of balance.

<b>Response rate</b>	Non-weighted response rate: 71% (annual average 2007) Weighted response rate (by turnover): 82% (annual average 2007)
<b>Treatment of non-responses</b>	In case of non-response, cold deck imputation can be applied to investment amounts from the two previous response to the current one.
<b>Weighting</b>	Two-stage aggregation: <ul style="list-style-type: none"> <li>- The first aggregation level leads to results at strata level. Within this first stage, individual responses to qualitative questions are weighted using the response of the surveyed to a yearly quantitative question concerning either investment or turnover, depending on the question;</li> <li>- At a second stage, strata average results are aggregated at less broken-up levels using weights computed from the French national accounts or Yearly Business Survey (EAE).</li> </ul>
<b>Periodicity</b>	Quarterly (January, April, July and October).
<b>Survey method</b>	Postal mail
<b>Fieldwork period</b>	First 5 weeks of the current month.
<b>Timeliness</b>	Middle of the second month of the surveyed quarter.