

Quality table for the survey of investments and current expenditure to protect the environment in 2010 (Antipol)

Survey identity card	
Name	Survey on investments and current expenditure to protect the environment in 2010 in industry excluding the agrifood industry.
Year of survey	The survey data are from 2010.
Frequency	Annual survey
Service in charge of the survey	INSEE – Business Statistics Division (DSE) for the 2010 survey

Technical characteristics	
Scope and coverage of survey	<p>The scope of the survey by INSEE covers establishments in part of the extraction industry and the manufacturing industry (excluding agrifood and sawmills) and establishments in electricity, gas, steam and conditioned air production and distribution. The activities are those defined by the following NAF rev. 2 codes: 07 to 35 (except 10, 11, 12, 16.10A and 16.10B). The headcount threshold is set at 20 employees (failing this, salaried workers) on average over the year. Only establishments with production activity are included in the scope.</p> <p>The survey covering the agrifood industry and sawmills is conducted by the Statistics and Forecasting Service (SSP) of the Ministry for Agriculture, of Food processing and the Forest.</p> <p>This quality table only concerns the survey carried out by INSEE.</p>
Geographical scope	France (including overseas departments)
Statistical unit used in the survey	Establishment
Size of reference population	18 662
Sample size	10 000
Number of companies that were given a questionnaire test	15 before the switch to the Label Committee in 2001. As the questionnaire has barely changed, no tests since then.
Compulsory or non-compulsory nature of the survey	Compulsory
Collection mode	Online collection. Letter sent indicating the availability of an online form, but replies possible by hard-copy questionnaire on request.
Users committee	with external users <input checked="" type="checkbox"/> without external users <input type="checkbox"/> no <input type="checkbox"/>

Key dates from launch until the publication of results	
First launch meeting	2010 survey dialogue committee: 24 September 2010
Favourable opinion from the National Council for Statistical Information (CNIS)	21 July 2006
Meeting of the approvals committee ("Label Committee") of the CNIS	6 November 2006
Launch of collection	23 March 2011
End of clerks work	22 July 2011
Feedback to companies	Before the launch of the survey in 2012
First publication on the basis of provisional results	-
First publication on the basis of the final results	November 2011. Publication covering the scope of the INSEE and SSP surveys

Survey sample	
Sampling method	Stratified sampling by activity crossed with headcount brackets (Teff) and optimized by Neyman allocation on the amounts of studies and investments in the 2009 survey: in the strata where the 2009 amounts are more dispersed, the sampling rates are higher. Exhaustive sampling of establishments with 250 or more employees.
Number of target variables for the dissemination of results (or for the studies)	71
List of target variables for the dissemination of results (or for the studies)	- 8 variables + total amount of studies - 25 variables + total amount of specific investments - 7 variables + total amount of integrated investments - 27 variables + total amount of current expenditure No qualitative variable.
Number of disseminated sub-populations	3
List of disseminated sub-populations	Division of Naf rev. 2 Size bracket (20-49; 50-99; 100-249; 250-499; 500-999; 1000-1999; 2000 or more) Region

Survey sample (cont'd)	
Population of the exhaustive strata surveyed as a proportion of all the units of the sample	24%
Sampling rates	50.5%

Indicators relating to production		
Are there any follow-ups?	Yes	
If so, what type and how many?	Two reminders and two letters for the pre-litigation procedure as well as telephone reminders.	
Number of units in the initial sample	9 418	
Number of returned surveys	8 217	
Number 'outside the scope' (including units that have disappeared) amongst the returned questionnaires	646	
Number entering the scope	- 141 in the sampling base - 0 in the sample	
Number of useable questionnaires	7 571	
Survey response rate	85.7%	
Response rate for each target variable from the population of respondents	Target variables	Taux de réponse
	Total studies	99,8
	Total specific investments	99,9
	Total integrated investments	99,3
	Total current expenditure	96,8
Non-response treatment	Partial non-responses are treated by the nearest donor method after a study of the links between variables. Total non-responses are treated with the reweighting method via homogenous response groups. An adjustment according to the number of establishments is then carried out.	
Estimation procedures	The establishments entering the survey scope between the sample selection and the attainment of the results are taken into account by reweighting.	

Accuracy indicators

The coefficient of variation, expressed as a percentage, for the estimations of each target variable and for the divisions of Naf rev. 2.

Variables	Global	Median
Total Studies	2,9 %	16,7 %
Total Specific Investments	3 %	11,6 %
Total Integrated Investments	4,4 %	25,4 %
Total Current Expenditure	1,1 %	5,1 %

N.B.:

The coefficient of variation is the ratio between the standard deviation of the estimation and the value of the estimation. The standard deviation that we can deduce from this coefficient by multiplying it by the value of the estimation is used to produce the confidence interval (generally speaking a "95%" interval can be produced by carrying over from either side of the estimation value twice the value of the standard deviation).

The lower the value of the coefficient of variation, the more accurate the estimation.

50% of the divisions in the Antipol scope have a coefficient of variation for the studies total which is lower than 16.7%.

The coefficient of variation for the studies total over the whole scope is 2.9%.

Dissemination

Has the survey been archived?	Yes
Is there any documentation to be disseminated?	no documentation <input type="checkbox"/> basic documentation <input checked="" type="checkbox"/> a comprehensive data dictionary <input checked="" type="checkbox"/> a comprehensive data dictionary <input checked="" type="checkbox"/>
Number of publications, by type	↻ type « Infos Rapides » « 4 Pages » (Insee Première, the 4 pages on industrial statistics or equivalent) ↻ type CD-Rom, « Insee-Résultats », Web (insee.fr) Minitel, web ↻ articles, études Studies Environment account (SOeS)