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Appendix 1 - Summary technical description of Industry Survey

1. Survey name and status

Official name: “Business Survey on the Situation and Outlook in Industry”

Abbreviated names: “Business Survey of Industry” or “Industry Survey”.

On 19 June 2003, the Survey was submitted for review to the Quality Label Committee of the National Council for Statistical Information (Conseil National de l'Information Statistique : CNIS), which designated it as a statistical operation “of public interest” and certified its statistical quality.

2. Producer

INSEE, Department of Short-Term Analysis, Business Surveys Division.

3. Frequency

Monthly except August.

4. General purposes of Survey, main topics covered, and Survey variables

The purpose of the Industry Survey is to supply timely information on conditions in French industry, for economic analysis and short-term forecasting of industrialists' activity at the national and European levels. The Survey is the source of French industry data for the Harmonised European Programme of Business and Consumer Surveys.

The Survey seeks to record industrialists' opinions on their recent business activity and outlook. It does so by tracking production volume and related variables such as stocks, order books, and changes in workforce size and prices. Business owners also provide opinions on their productive capacity, cash-flow problems, hiring problems, and factors limiting production. The Survey thus provides information on the business trend in each industrial sector, but also explanations of these trends.

The questions are worded to facilitate fast response. Most questions are qualitative with a choice of three answers expressed in “increasing/decreasing/unchanged” or “above normal/normal/below normal” form. The number of questions varies from about ten to about thirty, according to the months. The responses to some of the quantitative questions (total turnover, turnover by product, and workforce size) are preprinted. The enterprise is asked to update its responses only once a year, when the structural constants are revised.

5. Characteristics of sample (units surveyed, survey field, sampling method, coverage rate, and response)

The units surveyed are enterprises (legal units). The Survey is conducted by means of a stratified sampling of 4,000 industrial enterprises. Sampling is performed by sector at the NES 114 level and using three enterprise-size brackets.

The sectors covered (manufacturing, food, and oil refining) are defined by the following codes of the French Classification of Economic Activities (NAF): NAF 14-37 (except 160Z, 231Z, 296A, 311C, and 351A).

All enterprises with more than 500 employees are surveyed.

The sample consists of an enterprise panel. It is tracked continuously and revised once a year. Revision operations include removal of enterprises that have discontinued operations; addition of newly established large enterprises belonging to the “exhaustive-coverage” stratum; random sampling without replacement of the number of small and medium-sized enterprises needed to obtain a sample of the desired size; and so on. The principal sampling frame is INSEE's Annual Enterprise Survey.

The sample covers approximately 70% of French industry measured as a percentage of turnover.

The mean response rate is about 80% (percentage of enterprises having returned a questionnaire out of total number of questionnaires sent).

6. Collection period and publication date

The Survey is performed every month except August. Collection takes place by postal mail and the Internet from the end of the month before the Survey month m to a few days before the end of month m : questionnaires are posted around the 27th of month $m-1$, reminders are sent out around the 10th of month m , results are published five working days before the end of month m , and sectoral results are sent to the European Commission one day after publication.

7. Processing of results

The results of a Survey S are initially published in provisional form at the end of the Survey execution month. When the following Survey ($S+1$) is published, they are revised to incorporate late responses: these are referred to as the final figures.

To ensure comparability, the results of the two latest Surveys are computed on the same sample of responding or “imputed” enterprises (“constant sample” procedure). For qualitative questions, an answer actually provided in Survey $S-1$ is carried forward, in the event of a non-response in Survey S , to allow the provisional processing of the latter. For the final processing of Survey $S-1$, an intermediate response between the responses to Surveys $S-2$ and S is imputed to non-responding enterprises if needed.

INSEE calculates weighted averages of actual and imputed responses in the primary strata. Depending on the question, the weighting is based on product sales, enterprise turnover or workforce size. The primary averages computed in the primary aggregation are aggregated to the various levels of publication or analysis using a weighted average based on adjustment coefficients derived from sources external to the business survey (INSEE’s Annual Enterprise Survey and national accounts). These coefficients are updated annually when the sample is renewed.

8. Precision of balances of opinion

The rigorous method for computing the precision of a balance of opinion (or, more accurately, of its standard deviation linked to the sampling error) is described in detail in Caron, Ravalet, and Sautory (1996). When this method is applied to the balances of opinion for total industry (field of survey), the sampling-related margin of uncertainty obtained represents about two points of the balance at the most aggregated level.

9. Users and uses of results

The Industry Survey is used by: economic analysts and forecasters at INSEE, in the Treasury and Economic Policy General Directorate of the French Ministry of Economy, Finance, and Industry (Direction Générale du Trésor et de la Politique Économique) and other institutes in France and abroad, as well as in international organisations (European Commission—most notably DG-Ecfin¹ and Eurostat—the European Central Bank, OECD, etc.); business statisticians; decision-makers (government officials, enterprises, and trade organisations); economists; and economic journalists.

Survey results are used at three levels: European, national, and regional. At each of these levels, they serve to track short-term developments in the economic activity sectors covered, as well as to prepare short-term business forecasts (one or two quarters):

- at the European level, they form part of the battery of indicators used by European authorities for tracking short-term developments in the euro zone;
- at the national level, they are one of the sources used to prepare short-term analyses of the French economy;
- at the regional level in France, some INSEE Regional Offices rely on the Survey results as a source of initial indications on local industrial conditions. For this purpose, they use a reprocessing method that applies regional weightings to the detailed Survey figures. When used for such tracking of regional short-term developments, the Survey provides insights that allow regional analysts to corroborate or, on the contrary, to qualify impressions formed by examining other sources. This type of application seeks to respond to the strong demand for short-term information often expressed by regional government bodies, local elected officials, and regional trade organisations.

10. Role and contribution of Survey in existing statistical system covering the same field

Business surveys are published very rapidly—faster than quantitative statistics. They also provide a relatively comprehensive and consistent view of an activity sector, shedding light on areas that are covered with considerable lags, if at all, by traditional statistics. They are a key source for gauging the expectations of businesses. Like its counterparts in other sectors, the Industry Survey possesses these characteristics.

As INSEE's Industry Survey is integrated into the Harmonised European Programme of Business and Consumer Surveys, it is the source for qualitative information published on the goods-producing industries by the European Commission for the European Union (EU), the euro zone, and individual EU Member States. As its results are directly comparable with those of the other surveys in the Harmonised Programme, it is a particularly valuable source for economic analysts tracking the euro zone and the EU. The Survey results are used to compute the European Commission's monthly Business Climate Indicator, prepared by combining the results of business surveys (in industry, construction, wholesale and retail trade, and services) and consumer surveys carried out by institutes of countries participating in the Harmonised Programme.

At the national level, INSEE's Business Surveys Division calculates a synthetic indicator (the "common factor"), which summarises the main trends expressed by industrialists' responses to the French Survey. Experience has shown that this overall indicator provides a very accurate measure of the trend in the year-on-year change in industrial production derived from the quarterly national accounts. Some Industry Survey results are also used to compile the short-term forecasts of industrial production and payroll employment published in INSEE's *Notes de Conjoncture* and *Points de Conjoncture*.

¹ Directorate-General for Economic and Financial Affairs.

Appendix 2 - Turnover weightings of industrial sectors included in Survey field

(source: 2003 Annual Enterprise Survey [EAE])

Sectors	Turnover (€ thousand, excl. taxes)	Weight in Industry Survey field	Weight in total industry
Food	120,135,614	16%	14%
Consumer goods	131,290,004	17%	16%
Motor vehicles	106,106,953	14%	13%
Capital goods	133,213,684	17%	16%
Intermediate goods	234,791,287	30%	28%
Energy	112,652,919	7%	13%
Total sectors covered by Survey	768,913,904	100%	92%
Out-of-scope sectors	69,276,557		8%
Total industry	838,190,461		100%

Example: Sales by the capital-goods sector account for 16% of total sales by industrial enterprises with more than 20 employees and 17% of sales by enterprises covered by the Survey.

Appendix 3 - Categories of French Classification of Economic Activities (Nomenclature d'Activités Française) at NAF 700 level included in Survey field

Sectors covered by Industry Survey, as designated in national classifications²

ALL INDUSTRY

EB: FOOD PRODUCTS, BEVERAGES, AND TOBACCO

B01 Production, processing, and preserving of meat and meat products

- 15.1A Production and preserving of meat
- 15.1C Production and preserving of poultry meat
- 15.1E Industrial production of meat products
- 15.1F Cooked meats production and trade

B02 Manufacture of dairy products

- 15.5A Manufacture of liquid milk and of fresh dairy products
- 15.5B Manufacture of butter
- 15.5C Manufacture of cheese
- 15.5D Manufacture of other dairy products
- 15.5F Manufacture of ice cream

B03 Manufacture of beverages

- 15.9A Manufacture of natural brandies
- 15.9B Manufacture of spirits
- 15.9D Production of ethyl alcohol from fermented materials
- 15.9F Champagnization
- 15.9G Wine-making
- 15.9J Manufacture of cider and other fruit wines
- 15.9L Manufacture of other non-distilled fermented beverages
- 15.9N Manufacture of beer
- 15.9Q Manufacture of malt
- 15.9S Production of mineral water
- 15.9T Production of soft drinks

B04 Manufacture of grain mill products, starches and starch products, and prepared animal feeds

- 15.6A Flour milling
- 15.6B Other manufacture of grain mill products
- 15.6D Manufacture of starches and starch products
- 15.7A Manufacture of prepared feeds for farm animals
- 15.7C Manufacture of prepared pet foods

B05 Manufacture of other food products

- 15.2Z Processing and preserving of fish and fish products
- 15.3A Processing and preserving of potatoes
- 15.3C Manufacture of fruit and vegetable juice
- 15.3E Processing and preserving of vegetables
- 15.3F Processing and preserving of fruit
- 15.4A Manufacture of crude oils and fats
- 15.4C Manufacture of refined oils and fats
- 15.4E Manufacture of margarine and similar edible fats
- 15.8A Industrial manufacture of bread and fresh pastry goods

² This field comprises the manufacturing industry, food industries, and oil refining, i.e., headings NAF 14-37 (except 160Z, 231Z, 296A, 311C, and 351A) of the French Classification of Economic Activities (Nomenclature d'Activités Française). For correspondences between NAF and NACE, see the following page on the INSEE website: http://www.insee.fr/en/nom_def_met/nomenclatures/naf/pages/naf.htm.

- 15.8B Baking of bakery products
- 15.8C Bakery and bakery confectionery
- 15.8D Confectionery
- 15.8F Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes
- 15.8H Manufacture of sugar
- 15.8K Manufacture of cocoa, chocolate, and sugar confectionery
- 15.8M Manufacture of macaroni, noodles, couscous and similar farinaceous products
- 15.8P Processing of tea and coffee
- 15.8R Manufacture of condiments and seasonings
- 15.8T Manufacture of homogenised food preparations and dietetic food
- 15.8V Manufacture of other food products n.e.c.

EG: ENERGY

G14 Manufacture of coke-oven products and processing of nuclear fuel

- 23.3Z Processing of nuclear fuel

G15 Manufacture of refined petroleum products

- 23.2Z Manufacture of refined petroleum products

MANUFACTURING INDUSTRY

EF: INTERMEDIATE GOODS

F12 Other mining and quarrying

- 14.1A Quarrying of ornamental and building stone
- 14.1C Quarrying of limestone, gypsum and chalk
- 14.1E Quarrying of slate
- 14.2A Operation of gravel and sand pits
- 14.2C Mining of clays and kaolin
- 14.3Z Mining of chemical and fertiliser minerals
- 14.4Z Production of salt
- 14.5Z Other mining and quarrying n.e.c.

F13 Manufacture of glass and glass products

- 26.1A Manufacture of flat glass
- 26.1C Shaping and processing of flat glass
- 26.1E Manufacture of hollow glass
- 26.1G Manufacture of glass fibres
- 26.1J Manufacture and processing of other glass including technical glassware
- 26.1K Manufacture of glass insulators and insulating fittings

F14 Manufacture of ceramic goods, products for construction purposes, and other non-metallic mineral products

- 26.2A Manufacture of ceramic household and ornamental articles
- 26.2C Manufacture of ceramic sanitary fixtures
- 26.2E Manufacture of ceramic insulators and insulating fittings
- 26.2G Manufacture of other technical ceramic products
- 26.2J Manufacture of other ceramic products
- 26.2L Manufacture of refractory ceramic products
- 26.3Z Manufacture of ceramic tiles and flags
- 26.4A Manufacture of bricks in baked clay
- 26.4B Manufacture of tiles in baked clay
- 26.4C Manufacture of sundry products in baked clay
- 26.5A Manufacture of cement
- 26.5C Manufacture of lime
- 26.5E Manufacture of plaster
- 26.6A Manufacture of concrete products for construction purposes
- 26.6C Manufacture of plaster products for construction purposes
- 26.6E Manufacture of ready-mixed concrete
- 26.6G Manufacture of mortars

- 26.6J Manufacture of fibre cement
- 26.6L Manufacture of other articles of concrete, plaster and cement
- 26.7Z Cutting, shaping, and finishing of ornamental and building stone
- 26.8A Production of abrasive products
- 26.8C Manufacture of other non-metallic mineral products n.e.c.

F21 Preparation and spinning of textile fibres, weaving and finishing of textiles

- 17.1A Preparation and spinning of cotton-type fibres
- 17.1C Preparation and spinning of woollen-type fibres
- 17.1E Preparation of worsted-type fibres
- 17.1F Spinning of worsted-type fibres
- 17.1H Preparation and spinning of flax-type fibres
- 17.1K Throwing and preparation of silk including from noils and throwing and texturing of synthetic or artificial filament yarns
- 17.1M Manufacture of sewing threads
- 17.1P Preparation and spinning of other textile fibres
- 17.2A Cotton-type weaving
- 17.2C Woollen-type weaving
- 17.2E Worsted-type weaving
- 17.2G Silk-type weaving
- 17.2J Other textile weaving
- 17.3Z Finishing of textiles

F22 Manufacture of make-up textile articles, except apparel

- 17.4A Manufacture of household linen and furnishings
- 17.4B Manufacture of small textile articles of bedding
- 17.4C Manufacture of other made-up textile articles
- 17.5A Manufacture of carpets and rugs
- 17.5C Manufacture of cordage, rope, twine, and netting
- 17.5E Manufacture of nonwovens and articles made from nonwovens, except apparel
- 17.5G Manufacture of other textiles n.e.c.

F23 Manufacture of knitted and crocheted fabrics and articles

- 17.6Z Manufacture of knitted and crocheted fabrics
- 17.7A Manufacture of knitted and crocheted hosiery
- 17.7C Manufacture of knitted and crocheted pullovers, cardigans, and similar articles

F31 Manufacture of wood and wood products

- 20.1A Sawmilling and planing of wood
- 20.1B Impregnation of wood
- 20.2Z Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board, fibre board and other panels and boards
- 20.3Z Manufacture of builders' carpentry and joinery
- 20.4Z Manufacture of wooden containers
- 20.5A Manufacture of other products of wood
- 20.5C Manufacture of articles of cork, straw and plaiting materials

F32 Manufacture of pulp, paper, and paperboard

- 21.1A Manufacture of pulp
- 21.1C Manufacture of paper and paperboard

F33 Manufacture of articles of paper and paperboard

- 21.2A Manufacture of corrugated paperboard and containers of corrugated paperboard
- 21.2B Manufacture of paperboard and containers of paperboard
- 21.2C Manufacture of containers of paper
- 21.2E Manufacture of household and sanitary goods and of toilet requisites
- 21.2G Manufacture of paper stationery
- 21.2J Manufacture of wallpaper
- 21.2L Manufacture of other articles of paper and paperboard n.e.c.

F41 Manufacture of basic inorganic chemicals

- 24.1A Manufacture of industrial gases
- 24.1C Manufacture of dyes and pigments
- 24.1E Manufacture of other inorganic basic chemicals
- 24.1J Manufacture of fertilisers and nitrogen compounds

F42 Manufacture of basic organic chemicals

- 24.1G Manufacture of other organic basic chemicals
- 24.1L Manufacture of plastics in primary forms
- 24.1N Manufacture of synthetic rubber in primary forms

F43 Manufacture of agro-chemical products, paints, and other chemical products

- 24.2Z Manufacture of pesticides and other agro-chemical products
- 24.3Z Manufacture of paints, varnishes and similar coatings, printing ink and mastics
- 24.6A Manufacture of explosives
- 24.6C Manufacture of glues and gelatines
- 24.6E Manufacture of essential oils
- 24.6G Manufacture of photographic chemical material
- 24.6J Manufacture of prepared unrecorded media
- 24.6L Manufacture of other chemical products n.e.c.

F44 Manufacture of man-made fibres

- 24.7Z Manufacture of man-made fibres

F45 Manufacture of rubber products

- 25.1A Manufacture of rubber tyres and tubes
- 25.1C Retreading and rebuilding of rubber tyres
- 25.1E Manufacture of other rubber products

F46 Manufacture of plastic products

- 25.2A Manufacture of plastic plates, sheets, tubes and profiles
- 25.2C Manufacture of plastic packing goods
- 25.2E Manufacture of builders' ware of plastic
- 25.2G Manufacture of other plastic products
- 25.2H Manufacture of technical parts of plastic

F51 First processing of iron and steel

- 27.1Y Manufacture of basic iron and steel and of ferro-alloys
- 27.2A Manufacture of cast iron tubes
- 27.2C Manufacture of steel tubes
- 27.3A Cold drawing
- 27.3C Cold rolling of narrow strips
- 27.3E Cold forming or folding
- 27.3G Wire drawing

F52 Manufacture of basic precious and non-ferrous metals

- 27.4A Precious metals production
- 27.4C Aluminium production of basic products
- 27.4D First processing of aluminium
- 27.4F Lead, zinc and tin production
- 27.4G First processing of lead, zinc and tin
- 27.4J Copper production of basic products
- 27.4K First processing of copper
- 27.4M Other non-ferrous metal production

F53 Casting of metals

- 27.5A Casting of iron
- 27.5C Casting of steel
- 27.5E Casting of light metal
- 27.5G Casting of other non-ferrous metal

F54 Industrial services for treatment of metals

- 28.4A Forging, pressing, stamping
- 28.4B Cutting out, pressing
- 28.4C Powder metallurgy
- 28.5A Treatment and coating of metals
- 28.5C Cutting-off
- 28.5D General mechanical engineering

F55 Manufacture of fabricated metal products

- 28.6A Manufacture of cutlery
- 28.6C Manufacture of hand tools
- 28.6D Manufacture of mechanical tools
- 28.6F Manufacture of locks and hinges
- 28.7A Manufacture of steel drums and similar containers
- 28.7C Manufacture of light metal packaging
- 28.7E Manufacture of wire products
- 28.7G Manufacture of fasteners and screw machine products
- 28.7H Manufacture of springs
- 28.7J Manufacture of chains
- 28.7L Manufacture of household fabricated metal articles
- 28.7N Manufacture of small metal products
- 28.7Q Manufacture of metal articles n.e.c.

F61 Manufacture of electrical equipment and apparatus n.e.c.

- 31.2A Manufacture of electricity distribution and control apparatus for low voltage
- 31.2B Manufacture of electricity distribution and control apparatus for high voltage
- 31.3Z Manufacture of insulated wire and cable
- 31.4Z Manufacture of accumulators, primary cells, and primary batteries
- 31.5A Manufacture of electric lamps
- 31.5B Manufacture of safety autonomous electric apparatus
- 31.5C Manufacture of lighting equipment
- 31.6A Manufacture of electrical equipment for engines and vehicles
- 31.6C Manufacture of industrial electromagnetic equipment
- 31.6D Manufacture of electrical equipment n.e.c.

F62 Manufacture of electronic valves, tubes, and other electronic components

- 32.1A Manufacture of electronic passive components and of capacitors
- 32.1C Manufacture of electronic active components
- 32.1D Manufacture of circuit cards on a fee and contract basis

EE: CAPITAL GOODS

E11 Building and repairing of ships and boats

- 35.1B Building of civilian ships
- 35.1C Naval repair
- 35.1E Building of pleasure and sporting boats

E12 Manufacture of railway and tramway locomotives and rolling stock

- 35.2Z Manufacture of railway and tramway locomotives and rolling stock

E13 Manufacture of aircraft and spacecraft

- 35.3A Manufacture of aircraft engines
- 35.3B Manufacture of aircraft airframes
- 35.3C Manufacture of launchers and space craft...

E14 Manufacture of motorcycles, bicycles, and other transport equipment n.e.c.

- 35.4A Manufacture of motorcycles
- 35.4C Manufacture of bicycles
- 35.4E Manufacture of invalid carriages
- 35.5Z Manufacture of other transport equipment n.e.c.

E21 Manufacture of structural metal products

- 28.1A Manufacture of metal structures and parts of structures
- 28.1C Manufacture of builders' carpentry and joinery of metal

E22 Manufacture of tanks, reservoirs, and containers of metal; manufacture of central-heating radiators, boilers, and steam generators

- 28.2C Manufacture of tanks, reservoirs, and containers of metal
- 28.2D Manufacture of central-heating radiators and boilers
- 28.3A Manufacture of steam generators
- 28.3B Boilermaking for nuclear power plants
- 28.3C Boilermaking and pipemaking

E23 Manufacture of machinery for the production and use of mechanical power

- 29.1A Manufacture of engines and turbines, except aircraft, vehicle, and cycle engines
- 29.1B Manufacture of pumps
- 29.1D Manufacture of hydraulic and pneumatic transmission
- 29.1E Manufacture of compressors
- 29.1F Manufacture of taps and valves
- 29.1H Manufacture of bearings
- 29.1J Manufacture of gears, gearing, and driving elements

E24 Manufacture of other general-purpose machinery

- 29.2A Manufacture of furnaces and furnace burners
- 29.2C Manufacture of lifts, goods lifts, and escalators
- 29.2D Manufacture of lifting and handling equipment
- 29.2F Manufacture of non-domestic cooling and ventilation equipment
- 29.2H Manufacture of packing and packaging equipment
- 29.2J Manufacture of weighing equipment
- 29.2L Manufacture of equipment for the chemical industries
- 29.2M Manufacture of other general-purpose machinery

E25 Manufacture of agricultural and forestry machinery

- 29.3A Manufacture of agricultural tractors
- 29.3C Repair and maintenance of agricultural machinery
- 29.3D Manufacture of agricultural machinery

E26 Manufacture of machine tools

- 29.4A Manufacture of other metalworking machine tools
- 29.4B Manufacture of machine tools for wood
- 29.4C Manufacture of portable hand-held power tools
- 29.4D Manufacture of welding equipment
- 29.4E Manufacture of other machine tools

E27 Manufacture of other special-purpose machinery

- 29.5A Manufacture of machinery for metallurgy
- 29.5B Manufacture of machinery for mining and quarrying
- 29.5D Manufacture of machinery for construction
- 29.5E Manufacture of machinery for food, beverage and tobacco processing
- 29.5G Manufacture of machinery for textile production
- 29.5J Manufacture of machinery for paper and paperboard production
- 29.5L Manufacture of printing machinery
- 29.5M Manufacture of rubber or plastic work machinery
- 29.5N Manufacture of moulds and models
- 29.5Q Manufacture of machinery for automatic assembly
- 29.5R Manufacture of other special-purpose machinery n.e.c.

E28 Manufacture of weapons and ammunition

- 29.6B Manufacture of hunting, shooting, and defence arms

E31 Manufacture of office machinery and computers

- 30.0A Manufacture of office machinery
- 30.0C Manufacture of computers and other information-processing equipment

E32 Manufacture of electric motors, generators, and transformers

- 31.1A Manufacture of low- and medium-power electric motors, generators, and transformers
- 31.1B Manufacture of high-power electric motors, generators and transformers

E33 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy

- 32.2A Manufacture of television and radio transmitters
- 32.2B Manufacture of apparatus for line telephony and line telegraphy

E34 Manufacture of medical and surgical equipment and orthopaedic appliances

- 33.1A Manufacture of medical imaging and radiology equipment
- 33.1B Manufacture of medical and surgical equipment and orthopaedic appliances

E35 Manufacture of industrial process control equipment, instruments and appliances for measuring, checking, testing, navigating

- 33.2A Manufacture of instruments and appliances for navigation
- 33.2B Manufacture of scientific and technical instruments
- 33.3Z Manufacture of industrial process control equipment

ED: MOTOR VEHICLES

D01 Manufacture of motor vehicles, bodies, and trailers

- 34.1Z Manufacture of motor vehicles
- 34.2A Manufacture of bodies (coachwork) for motor vehicles
- 34.2B Manufacture of caravans and leisure vehicles

D02 Manufacture of parts and accessories for motor vehicles

- 34.3Z Manufacture of parts and accessories for motor vehicles and their engines

EC: CONSUMER GOODS

C11 Manufacture of wearing apparel; dressing and dyeing of fur

- 18.1Z Manufacture of leather clothes
- 18.2A Manufacture of workwear
- 18.2C Manufacture of clothes made to measure
- 18.2D Manufacture of outerwear for men and boys
- 18.2E Manufacture of outerwear for women and girls
- 18.2G Manufacture of underwear
- 18.2J Manufacture of other wearing apparel and accessories n.e.c.
- 18.3Z Dressing and dyeing of fur; manufacture of articles of fur

C12 Manufacture of leather and leather products and footwear

- 19.1Z Tanning and dressing of leather
- 19.2Z Manufacture of luggage, handbags and the like, saddlery and harness
- 19.3Z Manufacture of footwear

C20 Publishing, printing, and reproduction of recorded media

- 22.1A Publishing of books
- 22.1C Publishing of newspapers
- 22.1E Publishing of journals and periodicals
- 22.1G Publishing of sound recordings
- 22.1J Other publishing
- 22.2A Printing of newspapers
- 22.2C Printing n.e.c.
- 22.2E Bookbinding
- 22.2G Pre-press activities
- 22.2J Other activities related to printing
- 22.3A Reproduction of sound recording
- 22.3C Reproduction of video recording
- 22.3E Reproduction of computer media

C31 Manufacture of pharmaceuticals, medicinal chemicals, and botanical products

- 24.4A Manufacture of basic pharmaceutical products
- 24.4C Manufacture of medicines
- 24.4D Manufacture of other pharmaceutical products

C32 Manufacture of soap and detergents, cleaning and polishing preparations, perfumes, and toilet preparations

- 24.5A Manufacture of soap and detergents, cleaning and polishing preparations
- 24.5C Manufacture of perfumes and toilet preparations

C41 Manufacture of furniture

- 36.1A Manufacture of chairs and seats
- 36.1C Manufacture of other office and shop furniture
- 36.1E Manufacture of other kitchen furniture
- 36.1G Manufacture of general furniture
- 36.1H Manufacture of garden and exterior furniture
- 36.1J Manufacture of furniture n.e.c.
- 36.1K Industry closely related to furnishing
- 36.1M Manufacture of mattresses

C42 Manufacture of jewellery and musical instruments

- 36.2A Striking of coins
- 36.2C Manufacture of jewellery and related articles
- 36.3Z Manufacture of musical instruments

C43 Manufacture of sports goods, games, toys, and other goods n.e.c.

- 36.4Z Manufacture of sports goods
- 36.5Z Manufacture of games and toys
- 36.6A Manufacture of imitation jewellery
- 36.6C Manufacture of brooms and brushes
- 36.6E Other manufacturing n.e.c.

C44 Manufacture of domestic appliances

- 29.7A Manufacture of electric domestic appliances
- 29.7C Manufacture of non-electric domestic appliances

C45: Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods

- 32.3Z Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods

C46 Manufacture of optical instruments, photographic equipment, watches and clocks

- 33.4A Manufacture of glasses
- 33.4B Manufacture of other optical instruments and photographic equipment
- 33.5Z Manufacture of watches and clocks

Appendix 4 - Short-term questions in Industry Survey

Questions harmonised at the EU level are identified by a (YES) in the last column of the table below. There are 16 in all, of which 7 are monthly and 9 quarterly. The question subjects and multiple-choice responses shown are those appearing in questionnaires from January 2004 on, i.e., after inclusion of questionnaire changes introduced to achieve greater EU harmonisation. Questions reworded in 2004, even slightly, are marked with an asterisk (*). Questionnaires for 2006 are reproduced in Appendix 6 at the end of this volume.

Type of question	Summary question subject	Response and coding	Type of response	Frequency	Constant sample	EU
Product	Change in production in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	monthly	YES	YES
Product	Likely change in production in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	monthly	YES	YES
Product	Change in total orders in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	YES
Product	Likely change in total orders in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	NO
Product	Weeks of production assured by total order books	quantitative indication	quantitative	quarterly	YES	YES
Product	Level of total orders	1 above normal 3 normal 5 below normal	3-choice	monthly	YES	YES
Product	Change in export orders in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	NO
Product	Likely change in export orders in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	YES
Product	Level of export orders	1 above normal 3 normal 5 below normal	3-choice	monthly	YES	YES
Product	Competitive position on domestic market in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	YES
Product	Competitive position on foreign markets inside EU in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	YES
Product	Competitive position on foreign markets outside EU in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	YES

Type of question	Summary question subject	Response and coding	Type of response	Frequency	Constant sample	EU
Product	Delivery times in past 3 months	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	NO
Product	Change in stocks of finished products in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	quarterly	YES	NO
Product	Level of stocks of finished products	1 above normal 3 normal 5 below normal	3-choice	monthly	YES	YES
Product	Change in selling prices in past 3 months (*)	1 increasing 3 unchanged 5 decreasing + quantitative indication	3-choice and quantitative	quarterly	NO	NO
Product	Change in export selling prices in past 3 months (*)	1 increasing 3 unchanged 5 decreasing + indication quantitative	3-choice and quantitative	quarterly	NO	NO
Product	Likely change in selling prices in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	3-choice	monthly	YES	YES
Product	Likely change in selling prices in next 3 months (*)	quantitative indication	3-choice	quarterly	NO	NO
Enterprise	Factors limiting production (insufficient demand, shortage of labour force, shortage of equipment, procurement difficulties, etc.) (*)	1 if this choice is selected (for example, insufficient demand) 2 otherwise	multiple-choice	quarterly	YES	YES
Enterprise	Production bottlenecks	1 yes 2 no	2-choice	quarterly	YES	NO
Enterprise	Potential production margins of your enterprise if demand were stronger, without expanding workforce	quantitative indication	quantitative	quarterly	YES	NO
Enterprise	Potential for expanding production if demand were stronger, by expanding workforce	1 yes 2 no	2-choice	quarterly	YES	NO
Enterprise	Productive capacity utilisation rate (*)	indication quantitative	quantitative	quarterly	YES	YES
Enterprise	Assessment of productive capacity, given current demand	1 more than sufficient 3 sufficient 5 insufficient	3-choice	quarterly	YES	YES
Enterprise	Cash-flow problems	1 yes 2 no	2-choice	quarterly	YES	NO
Enterprise	Hiring problems	1 yes 2 no	2-choice	quarterly	YES	NO

Type of question	Summary question subject	Response and coding	Type of response	Frequency	Constant sample	EU
Enterprise	Change in workforce in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	qualitative	monthly	YES	NO
Enterprise	Likely change in workforce in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	qualitative	monthly	YES	YES
Enterprise	Change in working time in past 3 months (*)	1 increasing 3 unchanged 5 decreasing	qualitative	quarterly	YES	NO
Enterprise	Likely change in working time in next 3 months (*)	1 increasing 3 unchanged 5 decreasing	qualitative	quarterly	YES	NO
Enterprise	Wage rate	quantitative indication	quantitative	quarterly	NO	NO
Enterprise	Opinion on production outlook in total industry in next 3 months	1 increasing 3 unchanged 5 decreasing	qualitative	monthly	NO	NO
Enterprise	Opinion on export outlook in total industry in next 3 months	1 increasing 3 unchanged 5 decreasing	qualitative	quarterly	NO	NO
Enterprise	Opinion on price outlook in total industry in next 3 months	1 increasing 3 unchanged 5 decreasing	qualitative	monthly	NO	NO
Enterprise	Opinion on wage outlook in total industry in next 3 months	1 increasing 3 unchanged 5 decreasing	qualitative	quarterly	NO	NO

Appendix 5 - Questionnaire models, 2006

This Appendix shows the two models used in the Industry Survey. The first model is used in the monthly questionnaire (February, March, May, June, September, November, and December). The second is used in the quarterly questionnaire (January, April, July, and October).

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INSEE contact for this questionnaire:

Paris, [date]

Phone:
Fax:

**BUSINESS SURVEY ON THE SITUATION AND OUTLOOK
IN INDUSTRY
September 2006**

Please return this questionnaire by

By answering online at <http://conjoncture.entreprises.insee.fr> you will have an innovative response medium at your disposal and will help to modernise business-survey management.
If you have lost your codes, please contact our phone assistance service on 02 40 99 90 65 or by email assistance-conjoncture@insee.fr, giving your SIREN number and name of survey.

Dear Respondent,

Thank you for filling in this questionnaire. Your responses will help us to assess current conditions in your economic activity sector. The summary of Survey results, *Informations Rapides*, will be put online on the INSEE website on the Survey publication date (www.insee.fr, click on *Les grands indicateurs* [Key Indicators] heading, then *Indicateurs de conjoncture* [Short-term indicators] and, if needed, *Autres indicateurs* [Other indicators]).

É. Dubois

Head of Department of Short-Term Economic Analysis

The National Council for Statistical Information [CNIS] has recognised this Survey as being **in the public interest** and certified its **statistical quality**. In consequence, this survey is **compulsory**. Approval no. 2006M002EC by the Ministry of the Economy, Finance, and Industry, valid for 2006. Under the terms of Article 6 of Act no. 51-711 of 7 June 1951 (amended) on the obligation to respond, coordination, and confidentiality in the field of statistics, the information transmitted in response to this questionnaire shall in no circumstances be used for the purposes of tax audits or investigation of illegal business practices. Article 7 of the above-mentioned Act further stipulates that the failure to respond or the submission of a deliberately inaccurate response may be sanctioned by an administrative fine.
Confidential questionnaire for use by INSEE Head Office.
Act 78-17 of 6 January 1978 on information technology, data files, and civil liberties applies to responses provided by unincorporated enterprises to this survey. The Act entitles these enterprises to access and correct data concerning them. This right may be exercised by filing a request with the INSEE Head Office.

COMMENTS

Name and position of respondent:	
Phone:	email:
Please correct any errors in business address.	

Some questions may not be relevant to your enterprise, for example, if it is a principal, subcontractor, or member of an enterprise group. Nevertheless, please answer the questions relevant to your economic activity.

QUESTIONS ON YOUR ENTERPRISE'S PRODUCTS <i>(please update preprinted list of products, if appropriate)</i>												
PRODUCT DESCRIPTION <i>Data below concern your production units located in France:</i>	PRODUCT 1:			PRODUCT 2:			PRODUCT 3:			PRODUCT 4:		
1. YOUR PRODUCTION												
a. Change in past 3 months	↖	→	↘	↖	→	↘	↖	→	↘	↖	→	↘
b. Likely change in next 3 months	↖	→	↘	↖	→	↘	↖	→	↘	↖	→	↘
2. TOTAL ORDERS (OR DEMAND) <i>(from all sources)</i>												
a. For the season, do you consider your current order books (or demand) to be	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal
3. EXPORT ORDERS (OR DEMAND)												
a. For the season, do you consider your current export order books (or export demand) to be	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal
4. YOUR STOCKS OF FINISHED PRODUCTS <i>(products ready for sale)</i>												
a. For the season, do you consider your current stocks of manufactured products to be	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal	above normal	normal	below normal
b. If your type of production is such that you never have stocks of manufactured products, please circle the response opposite	never any stocks			never any stocks			never any stocks			never any stocks		
5. YOUR SELLING PRICES												
a. Likely change in your selling prices <i>(excluding taxes)</i> in next 3 months	↖	→	↘	↖	→	↘	↖	→	↘	↖	→	↘

YOUR OUTLOOK FOR TOTAL FRENCH INDUSTRY			
<i>(We ask you for your opinion on French industry as a whole)</i>			
6. LIKELY CHANGE IN next 3 months:			
a. in volume of industrial production.....	↖	→	↘
b. in overall level of industrial product prices	↖	→	↘

QUESTIONS ON LABOUR FORCE			
7. TOTAL WORKFORCE IN YOUR ENTERPRISE:			
a. Change in past 3 months	↖	→	↘
b. Likely change in next 3 months	↖	→	↘

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INSEE contact for this
questionnaire:

Phone:
Fax:

Paris, [date]

**BUSINESS SURVEY ON THE SITUATION AND OUTLOOK
IN INDUSTRY
October 2006**

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COMMENTS

Name and position of respondent:

Phone:

email:

Please correct any errors in business address.

QUESTIONS ON RAW MATERIALS OR SEMI-FINISHED PRODUCTS PURCHASED BY YOUR ENTERPRISE			
DESCRIPTION OF RAW MATERIALS OR SEMI-FINISHED PRODUCTS <i>Data below concern your production units located in France:</i> Approximate total value of purchases in 2005	RAW MATERIAL 1: thousand euros		..... ..... .....
1. ARE YOU EXPERIENCING PROCUREMENT PROBLEMS?	YES	NO	YES
2. QUANTITIES PURCHASED OR TO BE PURCHASED			
a. Change in past 3 months	↻	⇒	⇩
b. Likely change in next 3 months	↻	⇒	⇩
3. STOCKS OF RAW MATERIALS AND SEMI-FINISHED PRODUCTS			
a. Change in past 3 months	↻	⇒	⇩
b. For the season, do you consider that your stocks of raw materials are	above normal	normal	below normal
			above normal

QUESTIONS ON YOUR ENTERPRISE'S PRODUCTS			
DESCRIPTION OF PRODUCTS <i>Data below concern your production units located in France:</i> Approximate total sales in France and abroad in 2005 (excluding taxes)	PRODUCT 1: thousand euros		..... ..... .....
Approximate sales abroad in 2005 .....	..... thousand euros		.....
1. YOUR PRODUCTION			
a. Change in past 3 months	↻	⇒	⇩
b. Likely change in next 3 months	↻	⇒	⇩
2. TOTAL ORDERS (OR DEMAND) (from all sources)			
a. Change in past 3 months	↻	⇒	⇩
b. Likely change in next 3 months	↻	⇒	⇩
c. On the basis of unfilled orders and current pace of manufacturing, how many weeks of production are assured?	approx.	.....	weeks
d. For the season, do you consider your current order books (or demand) to be	above normal	normal	below normal
			above normal
3. EXPORT ORDERS (OR DEMAND)			
a. Change in past 3 months	↻	⇒	⇩
b. Likely change in next 3 months	↻	⇒	⇩
c. For the season, do you consider your current export order books (or export demand) to be ..	above normal	normal	below normal
			above normal
4. YOUR COMPETITIVE POSITION			
Change in past 3 months:			
a. On domestic market	↻	⇒	⇩
b. On foreign markets inside EU	↻	⇒	⇩
c. On foreign markets outside EU	↻	⇒	⇩
5. DELIVERY TIMES			
a. Change in past 3 months	↻	⇒	⇩
6. YOUR STOCKS OF FINISHED PRODUCTS (products ready for sale)			
If your type of production is such that you never have stocks of manufactured products, please circle the response opposite.....	never any stocks		never
a. Change in past 3 months	↻	⇒	⇩
b. For the season, do you consider your current stocks of manufactured products to be.....	above normal	normal	below normal
c. How many weeks of your current production do your current stocks of manufactured products represent?	approx.	.....	weeks
			approx.
7. YOUR SELLING PRICES			
Change in past 3 months:			
a. in your selling prices (excluding taxes)	+ %	=	- %
b. in your export selling prices (in euros).....	+ %	=	- %
Likely change in your selling prices in next 3 months (excluding taxes)	↻	⇒	⇩
Please indicate their approximate variation as well	+ %	=	- %
			+ %

RAW MATERIAL 2:		RAW MATERIAL 3:			RAW MATERIAL 4:		
..... thousand euros	 thousand euros		 thousand euros		
NO		YES	NO	YES	NO		
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
⇧	⇩	⇧	⇒	⇩	⇧	⇩	
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
normal	below normal	above normal	normal	below normal	above normal	normal	below normal

Some questions may not be relevant to your enterprise, for example, if it is a principal, subcontractor, or member of an enterprise group. Nevertheless, please answer the questions relevant to your economic activity.

PRODUCT 2:		PRODUCT 3:			PRODUCT 4:		
..... thousand euros thousand euros	 thousand euros thousand euros		 thousand euros thousand euros		
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
⇧	⇩	⇧	⇒	⇩	⇧	⇩	
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
..... weeks		approx.	..... weeks		approx.	..... weeks
normal	below normal	above normal	normal	below normal	above normal	normal	below normal
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
⇧	⇩	⇧	⇒	⇩	⇧	⇩	
normal	below normal	above normal	normal	below normal	above normal	normal	below normal
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
⇧	⇩	⇧	⇒	⇩	⇧	⇩	
any stocks		never any stocks		never any stocks		never any stocks	
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
normal	below normal	above normal	normal	below normal	above normal	normal	below normal
..... weeks		approx.	..... weeks		approx.	..... weeks
= - %		+ %	= - %		+ %	= - %	
= - %		+ %	= - %		+ %	= - %	
⇒	⇩	⇧	⇒	⇩	⇧	⇩	
= - %		+ %	= - %		+ %	= - %	

The column headings describe your main products and raw materials. If some preprinted titles no longer match your activity, please correct them. For a new product or intermediate consumption item, you may use an additional column, up to the predefined number of columns.

YOUR OUTLOOK FOR TOTAL FRENCH INDUSTRY

The questions do not concern your enterprise or even your industry sector, but French industry as a whole.

Likely changes in next 3 months:

- in volume of industrial production ⇧ ⇒ ⇩
- in volume of exports of manufactured products ⇧ ⇒ ⇩
- in overall level of industrial product prices ⇧ ⇒ ⇩
- in hourly wages
significant rise weak rise no change

Please answer the questions on the other side of this sheet. Thank you.

TYPE AND SIZE OF YOUR ENTERPRISE

Data below concern your production units located in France:

1. Order of magnitude of your sales (excluding taxes) in **2005** thousand euros
2. Number of employees working in your enterprise at 31 December **2005** employees
3. Approximate total export sales in **2005** thousand euros

SOME INDICATIONS ON THE CURRENT SITUATION IN YOUR ENTERPRISE

(Put cross in appropriate box)

1. Factors currently limiting your production

Are you currently prevented from increasing production as you would like, on account of:

- insufficient demand?
- shortage of material and/or equipment?
- shortage of labour force that you are having trouble expanding?
- financial constraints?
- procurement problems?
- other factors? (please specify).....
- not applicable (you are already able to increase production as you wish)

2. Bottlenecks and productive capacity utilisation

- If you booked more orders, could you increase production with your current capacity? YES NO

If **YES**, by how much could you increase production with your current capacity **and without hiring additional personnel**? approx. %

- Could you increase production even further **by hiring additional personnel**?..... YES NO

- Your enterprise is currently working at % of available capacity.

Indicate the ratio (%) of your current production to the maximum production attainable if you were to hire additional personnel.

3. Given your current order books and the likely change in orders in the months ahead, do you consider your current productive capacity to be:

more than sufficient? sufficient? insufficient?

- 4. Are you currently experiencing cash-flow problems? YES NO

QUESTIONS ON LABOUR FORCE

- 1. Are you currently experiencing hiring difficulties? YES NO

If YES, for what types of employees?

labourers and unskilled workers skilled workers and supervisory staff technicians and managers

2. Total workforce and weekly hours worked

	Workforce size			Working time		
	↗	→	↘	↗	→	↘
a. Change in past 3 months	↗	→	↘	↗	→	↘
b. Likely change in next 3 months	↗	→	↘	↗	→	↘

3. Wage rates (enter 0 if no change)

What was the average change in hourly wages in your enterprise in the third quarter of 2006? %

Appendix 6 - Coverage ratios of strata included in Survey field

(source: 2003 Annual Enterprise Survey [EAE])

Activity	Size	Coverage rate (%)		Sampling rate (%)
		Sales	Workforce	
Total industry	total	71	57	16
	20-99 employees	15	8	7
	100-499 employees	54	43	39
	500+ employees	93	93	90
Food	total	69	61	23
	20-99 employees	15	11	10
	100-499 employees	61	53	51
	500+ employees	100	100	100
Total non-food	total	72	56	15
	20-99 employees	15	7	6
	100-499 employees	52	41	37
	500+ employees	93	92	89
Consumer goods	total	69	55	15
	20-99 employees	15	7	6
	100-499 employees	52	41	37
	500+ employees	92	92	89
Capital goods	total	67	52	15
	20-99 employees	21	8	6
	100-499 employees	55	42	37
	500+ employees	96	93	87
Motor vehicles	total	64	52	13
	20-99 employees	9	7	5
	100-499 employees	47	38	34
	500+ employees	86	86	88
Consumer goods	total	94	88	25
	20-99 employees	6	6	5
	100-499 employees	49	45	41
	500+ employees	100	100	100
Consumer goods	total	59	52	16
	20-99 employees	9	8	7
	100-499 employees	51	43	39
	500+ employees	80	92	90
Energy	total	97	92	55
	20-99 employees	37	44	35
	100-499 employees	40	40	42
	500+ employees	100	100	100

Explanation: The table shows percentage ratios of sales, workforce, and number of enterprises in sample to sampling frame (EAE 2003), for all enterprises with more than 20 employees.