

The France 2025 World Bank Enterprise Survey Implementation Report

I. Introduction

This document provides information on the World Bank Enterprise Surveys (WBES) implemented in France between February 2025 and May 2026. The WBES collect both objective data based on firms' day-to-day experiences, and perceptions of enterprises regarding the business environment in which they operate. The WBES has global coverage. The WBES are also used to build a panel of enterprise data that will make it possible to track changes in the business environment over time.¹

This report describes the sampling design of the survey, the data set structure as well as additional information that may be useful when using the data, such as information on survey non-response and the appropriate use of the sampling weights.

II. Sampling Structure

The WBES use stratified random sampling, where the population of establishments is first separated into non-overlapping groups, called strata, and then respondents are selected through simple random sampling from each stratum. The detailed methodology is provided in the Sampling Note.² Stratified random sampling has several advantages over simple random sampling. In particular, it:

- produces unbiased estimates of the whole population or universe of inference, as well as at the levels of stratification
- ensures representativeness by including observations in all of those categories
- produces more precise estimates than simple random sampling for a given sample size or budget allocation, and
- may reduce implementation costs by splitting the population into convenient subdivisions.

The WBES typically use three levels of stratification: industry classification, establishment size, and subnational region (used in combination). Starting in 2022, the WBES bases the industry classification on ISIC Rev. 4 (with earlier surveys using ISIC Rev. 3.1).³ For regional coverage within a country, the WBES has national coverage.

¹ A “panel interview” refers to an interview with a business that was also interviewed in the previous WBES.

² The Sampling Note is available at:

https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling_Note-Consolidated-2-16-22.pdf.

³ The WBES universe includes: all manufacturing (ISIC 4.0 codes 10-33), services (ISIC 4.0 codes 41-43, 45-47, 49-56, 58, 61, 62, 69-75, 79, 95). Details on sectoral coverage and the WBES universe of inference can be found in the *Enterprise Surveys Manual and Guide* (p. 4).

II.1 Universe

The universe of inference includes all formal (i.e., registered) private sector establishments⁴ (with at least 1% private ownership) and with at least five employees. In terms of sectoral criteria, all manufacturing businesses (ISIC Rev 4. codes 10-33) are eligible; for services businesses, those corresponding to the ISIC Rev 4 codes 41-43, 45-47, 49-53, 55-56, 58, 61-62, 69-75, 79, and 95 are included in the Enterprise Surveys. Cooperatives and collectives are excluded from the Enterprise Surveys. All eligible establishments must be registered with the registration agency. In the case of France, the definition of registration of the Registre du Commerce et des Sociétés (RCS) was used. The universe table is the total number of eligible establishments, and the table is partitioned by the stratification groups (industry classification, establishment size, and subnational region) in a country.

For the France 2025 WBES, the universe table, shown in Table 1 below, was obtained from Base Sirene (Business registry database maintained by Institut national de la statistique et des études économiques (INSEE)).

II.2 Sampling Frame

The WBES requires the most complete and up-to-date Sampling Frame, the list of eligible establishments with information on industry classification, size, address and other contact information that will be used to randomly select the sample. In countries where a previous round of the WBES exists, the Sampling Frame also includes the Panel Sampling Frame, which provides information about all the establishments that participated in the previous round of the WBES in the country.

The Sampling Frame for the France 2025 WBES was constructed from the following sources (see counts of establishments in the frame in Table 2). The Panel Sampling Frame was constructed using information on all the establishments that participated in the France 2021 WBES. The Fresh Sampling Frame, i.e., list of establishments that are in the WBES universe and that have not participated in the France 2021 WBES, both manufacturing sector (ISIC 4.0 codes 10-32) and the services sector (ISIC 4.0 codes 41-43, 45-47, 49-56, 58, 61, 62, 69-75, 79, 95) are obtained from Base Sirene (Business registry database maintained by INSEE).

For every WBES, necessary measures are taken to ensure the quality of the frame. Specifically, the sample frame was enriched with the contact information of establishments, including phone numbers and email addresses, through the services of a private supplier. However, the sample frames are not immune to the typical problems found in establishment surveys: positive rates of non-eligibility, repetition, non-existent units, etc. Given the impact that non-eligible units included in the sample universe may have on the results, eligibility adjustments may be needed when computing the appropriate sampling weights for individual observations if and only if the

⁴ The unit of analysis of every WBES is the establishment defined as a business entity associated with a physical location with its own set of financial statements, including Balance Sheet and Income Statement. However, in many economies official statistics are provided at the firm level, where a firm may be composed of several establishments, the so called multi-establishment firms.

universe equals the sampling frame (that is the weights project to universe totals by cell, coming from the sampling frame). Table 4 reports response outcomes.

II.3 Stratification Categories

The France 2025 WBES uses the following stratification categories:

- **Industry: 8 categories:**
 - Within manufacturing: Food, Fabricated Metal Products, Other Manufacturing
 - Within services: Construction, Retail, Hotels, Professional Activities, and Other Services
- **Size: 4 categories:** Small (5 to 19 employees), Medium (20 to 99 employees), Large (100 to 199 employees), Very Large (200 or more employees)
- **Region: 13 categories:** Ile-de-France; Centre-Val de Loire; Bourgogne-Franche-Comté; Normandie; Nord-Pas de Calais-Picardie; Alsace-Champagne-Ardenne-Lorraine; Pays de la Loire; Bretagne; Aquitaine-Limousin-Poitou-Charentes; Languedoc-Roussillon-Midi-Pyrénées; Auvergne-Rhône-Alpes; Provence-Alpes-Côte d'Azur; Corse

Industry strata for the manufacturing sector were selected by their contribution to total value added, to employment and to total number of establishments, using UNIDO INSTAT 4, available as of summer 2024. The manufacturing sectors stratified separately represent 25%, 31% and 30% of total value added, employment, and number of establishments, respectively, with the rest of sectors grouped into a residual, "Other Manufacturing", stratum. By number of establishments, the manufacturing sectors stratified separately represent 7% of the whole ES universe.

The strata for the services sector were selected by contribution to total value added, using the 2023 OECD value-added database. The sectors stratified separately represent 30% of the total value added in the services sector, and 47% of the whole ES universe.

Region strata of the France 2025 WBES were selected based on NUTS 1 classification and focused on France Metropolitan region.

II.4 Sample Design

The WBES sample design, i.e., target number of interviews in each combination of stratification categories (cells), is generated using the two primary criteria: 1) minimize the difference from the purely proportional sample within each cell; and 2) achieve a sufficient sample size by stratification category to allow for estimates of a given level of precision. Additional information on the criteria for determining the sample size by stratification category is given in the *Sampling Note*, and additional information on the sample design is given in the *Enterprise*

Surveys Manual and Guide.⁵ The original survey design for the France 2025 WBES is given in Table 3.

III. Data Collection

The detailed information on the WBES methodology and data collection is provided in the Enterprise Surveys Manual and Guide. The interviews for the France 2025 WBES were conducted between February 2025 and May 2026. The interviews were conducted in French. For monetary variables, the currency was Euro.

Apart from the challenges with participation and call-backs that are standard for all surveys, the France 2025 WBES faced specific challenges related to the used sample frame, which had several limitations due to data privacy regulations, specifically the General Data Protection Regulation (GDPR). As a result, the obtained sample frame did not contain essential contact details for many establishments, such as phone numbers or email addresses. Despite efforts to enrich the sample frame, a significant number of establishments could not be reached, either because phone numbers were unavailable or due to issues with data quality. These constraints impacted the ability to contact and include some establishments in the survey. In addition, some challenges were faced when interviewing establishments belonging to the large and very large categories. In some cases, multiple attempts were made to obtain the permissions requested by these establishments from the executive management, but these attempts were not successful. These contacts were marked as refusal to screener in the progress report.

III.1 Questionnaire

The standard WBES questionnaire covers several topics regarding the business environment and business performance. These topics include general establishment characteristics, infrastructure, sales and supplies, trade, management practices, competition, innovation, capacity, land and permits, finance, business-government relations, exposure to bribery, labor, and performance. Information about the general structure of the questionnaire is available in the *Enterprise Surveys Manual and Guide*.

III.2 Contractor

The fieldwork for the France 2025 WBES was implemented by Verian Group Belgium SA, Demoscopy SRL, and Efficiencie3, as main contractors; with MCM Research (for Verian), Le Terrian (for Demoscopy) as sub-contractors. The selection for the implementing agency followed the standard World Bank procurement practices that are described in more detail in the *Enterprise Surveys Manual and Guide*.

⁵ The *Enterprise Surveys Manual and Guide* is available at:
<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>

III.3 Sampling and screening

Samples are drawn by the Enterprise Surveys team in batches, following the stratification and sample design. The contractor conducted a thorough screening process before scheduling the ES interviews. Results of the screening are provided using the eligibility and status codes as listed in Table 4. In cases of unit non-response (either a refusal or an inability to obtain an interview after exhaustive attempts), the contractor proceeded with the contact that appeared next in the list drawn in the respective cell. The process of sampling and screening is described in more detail in the *Enterprise Surveys Manual and Guide*.

III.4 Survey response

In all surveys, including the WBES, some respondents choose not to participate. The Enterprise Analysis team and the contractor take all necessary measures to boost participation, through various methods of recruitment. The proper management of the screening process and sample replacement ensures that the resulting sample remains random.

The main measure of survey participation is the yield, which is the ratio of the total number of achieved interviews to the total number of contacted establishments. There are two main elements that boost yields. First is the survey participation rate, measured as the share of establishments that participated among those that can be assumed to have been eligible. The second element is the quality of frame. If only a small fraction of the contacted establishments is actually eligible to participate in the survey, then the sampling frame is far from ideal. This quality is measured by the ratio of the total number of establishments that are eligible for the WBES to the total number of contacted establishments in the frame. In other words:

$$Yield = Survey\ response\ rate * Rate\ of\ quality\ of\ the\ frame$$

which can be rewritten as follows:

$$\frac{Total\ interviewed}{Total\ contacted} = \frac{Total\ interviewed}{Assumed\ eligible} * \frac{Assumed\ eligible}{Total\ contacted}$$

Table 5 provides these measures for the France 2025 WBES and across its stratification levels.

III.5 Achieved Sample

Tables 6 and 7 provide counts of the WBES interviews collected for each stratification cell, i.e., broken down by industry, establishment size, and region. Table 6 reports full sample, while Table 7 shows counts of only panel interviews.

III.6 Sampling Weights

Since the WBES uses stratified random sampling, individual observations should be properly weighted when making inferences about the population, since unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. For each WBES, special care is given to correctly compute sampling weights. Whenever the Universe is used to draw the sample (i.e., Sampling Frame is the same as the Universe) it is imperative to accurately adjust the

universe within each stratum to account for the presence of ineligible establishments (e.g., the establishment discontinued businesses, or is deemed ineligible due to its business activity or having fewer than five employees). Proper treatment of panel establishments is also crucial. Details about how the WBES sampling weights are calculated are given in the *Sampling Note*.

Three versions of sampling weights are calculated, depending on the assumptions that determine eligibility of establishments to be counted towards the WBES universe. These assumptions are called weak, medium, and strong; and are defined as given in the table below. Prevalence of each of these outcomes for the France 2025 WBES is given in Table 4. All indicators and analysis conducted by the Enterprise Surveys team use the sampling weights based on the median assumption. Tables 8-10 report estimated universe based on the respective assumption.

Assumption	Eligibility codes for inclusion in the WBES universe
Strict	1, 2, 3, 4
Median	1, 2, 3, 4, 10, 11, 13, 133
Weak	1, 2, 3, 4, 10, 11, 13, 133, 91, 92, 93, 94, 12

For descriptions of each eligibility code, see Table 4 of the sampling note.

III.7 Item response rates

Item response rate must be differentiated from survey response rates. The latter refers to participation in the survey itself (see Section III.4) whereas the former refers to the absence of responses to specific survey questions. The WBES, as any survey, suffer from item non-response; and different strategies are used by the data collection team to address this. In particular:

- For sensitive questions, such as on corruption or tax evasion, enumerators were instructed to collect the refusal to respond (-8) as a separate response category from don't know (-9).
- Establishments with incomplete information were re-contacted to fill gaps.

Table 11 provides item response rates for several key variables, broken down across the stratification levels.

III.8 Database Structure

The WBES datafiles are organized in ways that reflect the corresponding questionnaire. The variables that are standard across countries have the first letter in their name correspond to the questionnaire section where the variable belongs in the questionnaire, i.e., *al* denotes section *A*. All variables are numeric with the exception of those variables with an “x” at the end of their names. The suffix “x” denotes that the variable is alpha-numeric.

The WBES datafiles contain two establishment identifiers, *idstd* and *id*. The former is a global unique identifier of each establishment, while the latter is unique identifier within each survey. The variable *idstd* can be used to match the WBES establishment one-to-one across databases. The variables *wweak*, *wmedian*, and *wstrong* corresponding to sampling weights based

on, respectively, weak, median, and strong assumptions about eligibility (see Section III.6). The variable *strata* corresponds to the stratum of each observation.⁶

Additionally, the WBES datafiles contain many standard variables. The variable *d1a2__v4* denotes the main activity of the establishment, as obtained during the WBES interview, coded in the four-digit ISIC Rev. 4. Users should note that this activity may differ from the industry classification given in the Sampling Frame, *a4a*. Users are generally advised to use industry categories based on the realized information in *d1a2_v4*. Additional sampling information is contained in variables *a2* (region) and *a6a* (size). The variable *panel* identifies panel establishments, i.e., those that participated in the France 2021 WBES. The combination of *a4a*, *a2*, *a6a*, and *panel* forms stratum of each establishment, which is contained in variable *strata*.

The last complete fiscal year for each establishment is contained in variables *a20m* (last month of last complete fiscal year) and *a20y* (last complete fiscal year).

Note that when an entry in the WBES database is empty, this means that the question was not asked to the corresponding respondent. This happens when the question is deemed inapplicable, due to skip patterns or other reasons..

⁶ Note that the sampling weights may vary within *strata* for panel establishments due to the procedure used for projecting the universe from the previous round of the survey.

IV. Useful Links

The users of the WBES data may find the following links useful:

- *Sampling Note* is available at:
https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling_Note-Consolidated-2-16-22.pdf
- The *Enterprise Surveys Manual and Guide* is available at:
<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>
- The WBES global questionnaires are available at:
<https://www.enterprisesurveys.org/en/methodology>
- The projects that are currently being implemented by the Enterprise Surveys team are available at: <https://www.enterprisesurveys.org/en/project-schedule>
- The list of all WBES databases and detailed information about each is available here:
<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/DataDetails.xls>
- The description of the WBES indicators is available at:
<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Indicator-Description.pdf>

Fact Sheet

Source of Universe Table	Base Sirene (Business registry database maintained by INSEE)
Source of Sampling Frame	Base Sirene (Business registry database maintained by INSEE)
Levels of Universe Table and Sampling Frame	Universe Table: Establishment-level Sampling Frame: Establishment-level
Registration agency	Registre du Commerce et des Sociétés (RCS)
Stratification sectors	Manufacturing of: Food, Fabricated Metal Products, Other Manufacturing; Construction, Retail, Hotels, Professional Activities, and Other Services
Stratification sizes	Small (5 to 19 employees), Medium (20 to 99 employees), Large (100-199), and Very Large (200 or more employees)
Stratification regions	Ile-de-France; Centre-Val de Loire; Bourgogne-Franche-Comté; Normandie; Nord-Pas de Calais-Picardie; Alsace-Champagne-Ardenne-Lorraine; Pays de la Loire; Bretagne; Aquitaine-Limousin-Poitou-Charentes; Languedoc-Roussillon-Midi-Pyrénées; Auvergne-Rhône-Alpes; Provence-Alpes-Côte d'Azur; Corse
Contractor	Main contractors: Verian Group Belgium SA, Demoscopy SRL, and Efficienc3 Sub-contractors: MCM Research (for Verian), Le Terrian (for Demoscopy)
Fieldwork dates	February 2025 – May 2026
Interview languages	French
Survey software	Survey Solutions
Currency for nominal variables	Euro
Reference fiscal year	2023 (1 obs.), 2024 (414 obs.), 2025 (588 obs.), 2026 (11 obs.)
VAT Applicable	YES
Additional definitions	“Consumption Tax” was referred to as TVA. For the capital city (a3b), Paris was entered; for the main business city (a3c), Paris was entered.
Sample Size	Total: 1,014 Fresh: 830 Panel: 184
Survey response rates	Yield: 1.6% Response rate: 3.4% Frame quality: 47.9%

Item response rates	d2: 99.9% n2a: 98.3% 11: 100% all TFP vars ⁷ : 86.2%
Additional topics covered in the questionnaire	None
Additional surveys available (if any)	None

⁷ TFP stands for total factor productivity. TFP variables are d2 (annual sales), n2a (annual cost of labor), n2e (annual cost of intermediate goods) and n7e (replacement cost of capital). Response rate for TFP variables is calculated only for manufacturing establishments.

Tables

Table 1: France 2025 WBES Universe

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	2305.6	457.2	1916.8	8554.6	10652.4	1718.4	6390.2	22899	71,712
Ile-de-France	Medium (20-99)	313	161	1002	1716	2024	356	2002	6389	
Ile-de-France	Large (100-199)	27	10	160	162	203	27	267	726	
Ile-de-France	Very Large (200 or more)	9	8	194	92	170	19	248	533	
Centre-Val de Loire	Small (5-19)	444.6	276	639.6	1706.2	1754	215.2	694.4	3154.8	12,143
Centre-Val de Loire	Medium (20-99)	100	168	459	427	418	38	173	979	
Centre-Val de Loire	Large (100-199)	18	11	111	26	44	0	12	77	
Centre-Val de Loire	Very Large (200 or more)	14	5	91	5	31	1	3	47	
Bourgogne-Franche-Comté	Small (5-19)	594.4	404	891	1812.2	2249.4	277.8	741.8	3518.6	14,082
Bourgogne-Franche-Comté	Medium (20-99)	139	207	576	391	479	49	183	1036	
Bourgogne-Franche-Comté	Large (100-199)	23	34	124	20	44	0	14	77	
Bourgogne-Franche-Comté	Very Large (200 or more)	18	13	88	2	30	0	9	37	
Normandie	Small (5-19)	778.4	294.2	764.6	2240.6	2657.6	311.2	949.2	4233	16,469
Normandie	Medium (20-99)	122	184	539	608	551	51	237	1287	
Normandie	Large (100-199)	34	19	134	38	48	4	18	111	
Normandie	Very Large (200 or more)	35	4	108	7	44	1	11	45	
Nord-Pas de Calais-Picardie	Small (5-19)	872.8	456.4	1221.8	2965.4	4566.8	340.2	1550.2	6726.2	25,720
Nord-Pas de Calais-Picardie	Medium (20-99)	204	256	893	924	905	63	390	2278	
Nord-Pas de Calais-Picardie	Large (100-199)	54	26	185	52	99	5	29	223	
Nord-Pas de Calais-Picardie	Very Large (200 or more)	46	13	143	12	88	1	22	109	

Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	1194.8	521.4	1394.4	3466	4419.8	522.2	1509.4	7632.8	27,789
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	237	279	942	943	839	135	376	2348	
Alsace-Champagne-Ardenne-Lorraine	Large (100-199)	36	38	228	55	88	2	24	165	
Alsace-Champagne-Ardenne-Lorraine	Very Large (200 or more)	31	17	185	8	74	0	9	69	
Pays de la Loire	Small (5-19)	872.4	405	1061.4	2976.2	2813.8	343.8	1340.6	5026.2	20,535
Pays de la Loire	Medium (20-99)	245	262	789	739	525	53	446	1640	
Pays de la Loire	Large (100-199)	63	38	164	58	89	3	32	165	
Pays de la Loire	Very Large (200 or more)	69	17	135	10	62	0	16	76	
Bretagne	Small (5-19)	868	196.8	866.4	2513.6	2770	324.2	1172.6	4593.2	17,826
Bretagne	Medium (20-99)	289	114	497	672	519	65	296	1387	
Bretagne	Large (100-199)	79	12	79	31	79	3	22	119	
Bretagne	Very Large (200 or more)	70	6	58	3	50	1	5	65	
Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	1391	458.4	1628	4319.2	4975.6	683.4	2093.6	8464.6	31,389
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	328	250	930	1019	970	131	466	2383	
Aquitaine-Limousin-Poitou-Charentes	Large (100-199)	41	16	150	44	130	7	30	168	
Aquitaine-Limousin-Poitou-Charentes	Very Large (200 or more)	28	7	127	6	67	2	5	70	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	1357.2	351.8	1428.2	3698.6	4965	689.2	2235	8462.8	29,669
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	232	176	636	835	987	99	488	2216	
Languedoc-Roussillon-Midi-Pyrénées	Large (100-199)	33	16	104	60	107	0	44	165	
Languedoc-Roussillon-Midi-Pyrénées	Very Large (200 or more)	17	8	63	12	56	0	38	89	
Auvergne-Rhône-Alpes	Small (5-19)	1815.2	1189.8	2793	5682.8	7077.8	1010.4	3596.6	12629.2	48,129
Auvergne-Rhône-Alpes	Medium (20-99)	384	643	1718	1429	1351	344	948	3779	
Auvergne-Rhône-Alpes	Large (100-199)	63	43	298	94	155	19	73	349	
Auvergne-Rhône-Alpes	Very Large (200 or more)	37	19	278	22	75	8	57	148	
Provence-Alpes-Côte d'Azur	Small (5-19)	1112.4	232.4	1118	3201	4939	754.6	2186.2	8423.2	27,668

Provence-Alpes-Côte d'Azur	Medium (20-99)	170	61	447	635	912	189	431	2180	
Provence-Alpes-Côte d'Azur	Large (100-199)	13	3	59	36	85	14	42	165	
Provence-Alpes-Côte d'Azur	Very Large (200 or more)	7	1	53	15	64	6	24	89	
Corse	Small (5-19)	116.4	16.2	64.6	457.8	369.8	106.6	134.2	649.6	2,270
Corse	Medium (20-99)	18	4	17	91	70	13	4	118	
Corse	Large (100-199)	0	0	1	1	12	0	0	3	
Corse	Very Large (200 or more)	0	0	0	0	3	0	0	0	
		17,369	8,409	28,553	54,894	66,758	9,006	32,088	128,323	345,400

Source: Base Sirene (Business registry database maintained by INSEE) (Establishment-level)

Table 2: France 2025 WBES Sample Frame (Fresh and Panel Combined)

		Food	Fabricated Metal Products	Other Manufact uring	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	2306	458	1920	8560	10659	1720	6391	22911	71762
Ile-de-France	Medium (20-99)	314	160	1005	1716	2026	356	2002	6395	
Ile-de-France	Large (100-199)	27	11	162	163	202	28	267	728	
Ile-de-France	Very Large (200+)	9	8	195	93	170	18	248	534	
Centre-Val de Loire	Small (5-19)	448	274	646	1708	1757	218	694	3157	12175
Centre-Val de Loire	Medium (20-99)	101	172	463	430	417	40	173	977	
Centre-Val de Loire	Large (100-199)	18	11	111	26	45	0	12	78	
Centre-Val de Loire	Very Large (200+)	14	5	92	5	31	1	3	48	
Bourgogne-Franche-Comté	Small (5-19)	597	402	902	1811	2256	281	742	3520	14113
Bourgogne-Franche-Comté	Medium (20-99)	140	208	579	393	478	50	183	1037	
Bourgogne-Franche-Comté	Large (100-199)	23	34	123	19	44	0	14	79	
Bourgogne-Franche-Comté	Very Large (200+)	18	13	89	3	29	0	9	37	
Normandie	Small (5-19)	784	294	772	2242	2662	313	950	4232	16497
Normandie	Medium (20-99)	122	188	539	609	550	51	237	1287	
Normandie	Large (100-199)	34	19	136	35	49	4	18	110	
Normandie	Very Large (200+)	35	4	108	10	43	1	11	48	
Nord-Pas de Calais-Picardie	Small (5-19)	874	460	1228	2966	4568	349	1551	6726	25756
Nord-Pas de Calais-Picardie	Medium (20-99)	205	256	897	928	905	59	390	2281	
Nord-Pas de Calais-Picardie	Large (100-199)	54	27	184	52	100	5	29	225	
Nord-Pas de Calais-Picardie	Very Large (200+)	46	13	144	13	88	1	22	110	

Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	1196	521	1398	3465	4421	525	1510	7637	27813
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	238	282	945	942	840	132	376	2350	
Alsace-Champagne-Ardenne-Lorraine	Large (100-199)	37	39	228	56	89	2	24	166	
Alsace-Champagne-Ardenne-Lorraine	Very Large (200+)	32	18	186	8	72	0	9	69	
Pays de la Loire	Small (5-19)	873	403	1067	2978	2816	343	1341	5029	20556
Pays de la Loire	Medium (20-99)	244	264	790	738	528	53	446	1641	
Pays de la Loire	Large (100-199)	64	38	163	59	87	3	32	168	
Pays de la Loire	Very Large (200+)	69	18	138	9	61	0	16	77	
Bretagne	Small (5-19)	869	198	872	2515	2771	326	1172	4605	17856
Bretagne	Medium (20-99)	290	115	500	672	519	65	296	1384	
Bretagne	Large (100-199)	81	12	80	30	81	3	22	120	
Bretagne	Very Large (200+)	70	6	58	4	48	1	5	66	
Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	1391	461	1629	4322	4978	686	2094	8470	31417
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	330	251	931	1020	971	130	466	2383	
Aquitaine-Limousin-Poitou-Charentes	Large (100-199)	41	16	152	45	132	7	30	170	
Aquitaine-Limousin-Poitou-Charentes	Very Large (200+)	28	7	128	6	65	2	5	70	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	1357	352	1437	3699	4967	690	2235	8471	29706
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	233	177	638	836	991	101	487	2220	
Languedoc-Roussillon-Midi-Pyrénées	Large (100-199)	33	16	104	60	107	0	44	167	
Languedoc-Roussillon-Midi-Pyrénées	Very Large (200+)	16	9	64	12	55	0	38	90	
Auvergne-Rhône-Alpes	Small (5-19)	1816	1191	2798	5683	7082	1013	3597	12636	48157
Auvergne-Rhône-Alpes	Medium (20-99)	385	640	1717	1429	1352	344	948	3779	
Auvergne-Rhône-Alpes	Large (100-199)	63	44	302	94	155	19	73	348	

Auvergne-Rhône-Alpes	Very Large (200+)	37	21	280	22	75	8	57	149	
Provence-Alpes-Côte d'Azur	Small (5-19)	1114	233	1124	3202	4938	756	2187	8435	27699
Provence-Alpes-Côte d'Azur	Medium (20-99)	170	62	448	633	915	190	431	2178	
Provence-Alpes-Côte d'Azur	Large (100-199)	13	3	59	38	85	16	42	165	
Provence-Alpes-Côte d'Azur	Very Large (200+)	7	1	53	15	65	6	24	91	
Corse	Small (5-19)	119	19	68	466	375	108	134	652	2304
Corse	Medium (20-99)	18	4	17	93	69	16	4	122	
Corse	Large (100-199)	0	0	1	1	12	0	0	3	
Corse	Very Large (200+)	0	0	0	0	3	0	0	0	
		17,403	8,438	28,670	54,934	66,804	9,040	32,091	128,431	345,811

Source: Base Sirene (Business registry database maintained by INSEE) (Establishment-level)

Table 3: Original Survey Design (Fresh and Panel Combined)

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	2	2	2	6	11	2	5	20	99
Ile-de-France	Medium (20-99)	2	2	2	2	2	2	2	4	
Ile-de-France	Large (100-199)	2	2	2	2	2	2	2	2	
Ile-de-France	Very Large (200 or more)	1	2	2	2	2	2	2	2	
Centre-Val de Loire	Small (5-19)	2	2	2	2	2	3	2	5	80
Centre-Val de Loire	Medium (20-99)	5	6	6	2	2	7	4	2	
Centre-Val de Loire	Large (100-199)	2	2	2	2	2	0	2	2	
Centre-Val de Loire	Very Large (200 or more)	2	2	2	0	2	1	1	2	
Bourgogne-Franche-Comté	Small (5-19)	2	2	2	2	2	3	2	6	80
Bourgogne-Franche-Comté	Medium (20-99)	5	6	4	2	2	7	4	2	
Bourgogne-Franche-Comté	Large (100-199)	2	2	2	2	2	0	2	2	
Bourgogne-Franche-Comté	Very Large (200 or more)	2	2	2	1	2	0	2	2	
Normandie	Small (5-19)	2	2	2	2	2	3	2	7	80
Normandie	Medium (20-99)	4	5	3	2	2	6	4	2	
Normandie	Large (100-199)	2	2	2	2	2	2	2	2	
Normandie	Very Large (200 or more)	2	1	2	2	2	1	2	2	
Nord-Pas de Calais-Picardie	Small (5-19)	2	2	2	3	6	2	2	13	85
Nord-Pas de Calais-Picardie	Medium (20-99)	2	4	2	2	2	4	2	4	
Nord-Pas de Calais-Picardie	Large (100-199)	2	2	2	2	2	2	2	2	
Nord-Pas de Calais-Picardie	Very Large (200 or more)	2	2	2	2	2	1	2	2	
Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	2	2	2	4	6	2	2	16	90
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	2	4	3	2	2	5	3	4	
Alsace-Champagne-Ardenne-Lorraine	Large (100-199)	2	2	2	2	2	1	2	2	
Alsace-Champagne-Ardenne-Lorraine	Very Large (200 or more)	2	2	2	2	2	0	2	2	

Pays de la Loire	Small (5-19)	2	2	2	4	2	3	2	9	85
Pays de la Loire	Medium (20-99)	4	5	4	2	2	6	4	3	
Pays de la Loire	Large (100-199)	2	2	2	2	2	1	2	2	
Pays de la Loire	Very Large (200 or more)	2	2	2	2	2	0	2	2	
Bretagne	Small (5-19)	2	2	3	4	3	3	3	9	90
Bretagne	Medium (20-99)	5	5	3	2	2	7	5	3	
Bretagne	Large (100-199)	2	2	2	2	2	1	2	2	
Bretagne	Very Large (200 or more)	2	2	2	2	2	0	2	2	
Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	2	2	2	3	3	2	2	5	66
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	2	2	2	2	2	2	2	2	
Aquitaine-Limousin-Poitou-Charentes	Large (100-199)	2	2	2	2	2	2	2	2	
Aquitaine-Limousin-Poitou-Charentes	Very Large (200 or more)	2	2	2	2	2	0	1	2	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	2	2	2	4	6	2	3	17	85
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	2	3	2	3	2	3	2	2	
Languedoc-Roussillon-Midi-Pyrénées	Large (100-199)	2	2	2	2	2	0	2	2	
Languedoc-Roussillon-Midi-Pyrénées	Very Large (200 or more)	2	2	2	2	2	0	2	2	
Auvergne-Rhône-Alpes	Small (5-19)	2	2	2	5	7	2	2	20	90
Auvergne-Rhône-Alpes	Medium (20-99)	2	2	2	2	2	2	2	2	
Auvergne-Rhône-Alpes	Large (100-199)	2	2	2	2	2	2	2	2	
Auvergne-Rhône-Alpes	Very Large (200 or more)	2	2	2	2	2	2	2	2	
Provence-Alpes-Côte d'Azur	Small (5-19)	2	2	4	3	7	2	3	18	90
Provence-Alpes-Côte d'Azur	Medium (20-99)	2	3	2	2	2	5	2	3	
Provence-Alpes-Côte d'Azur	Large (100-199)	2	1	2	2	2	2	2	2	
Provence-Alpes-Côte d'Azur	Very Large (200 or more)	2	0	2	2	2	1	2	2	
Corse	Small (5-19)	6	2	3	3	2	6	5	2	70
Corse	Medium (20-99)	6	2	6	6	5	5	2	5	

Corse	Large (100-199)	0	0	1	0	2	0	0	1	
Corse	Very Large (200 or more)	0	0	0	0	0	0	0	0	
		120	119	120	121	138	119	119	234	1,090

Table 4: Response Outcomes

		Totals	Rates relative to total contacted
Overall	Contacts available in frame	345,811	
	Issued	63,576	
	Contacted	61,790	
Screening phase	Eligibles	2,118	3.4%
	Screeners refusals	23,943	38.7%
	Assumed eligibles	29,627	47.9%
	Ineligible + out of target	1,828	3.0%
	Unobtainables	31,673	51.3%
Interview phase (only if eligible)	Interview refusals	898	1.5%
	Complete interviews	1,014	1.6%

Table 5: Survey Yield Rates

	Stratification	Yield	Survey response rate	Frame quality
Panel	Fresh	1.4%	2.9%	47.6%
	Panel	11.8%	19.7%	59.6%
Size	Small (5-19)	1.7%	3.9%	44.5%
	Medium (20-99)	1.6%	3.3%	48.2%
	Large (100-199)	1.7%	2.9%	57.5%
	Very large (200+)	1.2%	2.0%	57.4%
Region	Ile-de-France	1.5%	3.3%	46.8%
	Centre-Val de Loire	1.6%	3.2%	49.6%
	Bourgogne-Franche-Comté	1.8%	4.1%	44.0%
	Normandie	3.8%	6.4%	59.5%
	Nord-Pas de Calais-Picardie	2.7%	5.1%	53.4%
	Alsace-Champagne-Ardenne-Lorraine	1.7%	3.6%	48.5%
	Pays de la Loire	1.3%	2.7%	48.0%
	Bretagne	1.4%	2.7%	52.0%
	Aquitaine-Limousin-Poitou-Charentes	1.3%	2.7%	47.7%
	Languedoc-Roussillon-Midi-Pyrénées	1.1%	2.4%	46.4%
	Auvergne-Rhône-Alpes	2.3%	4.1%	56.3%
	Provence-Alpes-Côte d'Azur	1.3%	3.2%	40.7%
	Corse	1.3%	3.8%	34.0%
	Food	1.5%	3.2%	47.4%
	Fabricated Metal Products	3.1%	5.7%	53.4%
	Other Manufacturing	2.0%	4.0%	50.4%
	Construction	1.1%	2.5%	45.5%
	Retail	1.6%	3.0%	51.9%
	Hotels	2.2%	4.6%	47.0%
	Professional Activities	1.3%	2.9%	46.2%
	Other Services	1.5%	3.4%	45.7%
Overall	France 2025	1.6%	3.4%	47.9%

Notes: the rates are calculated as defined in Section III.4.

Table 6: Achieved Total Sample (Fresh and Panel Combined)

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	11	8	9	10	15	7	12	32	216
Ile-de-France	Medium (20-99)	6	6	18	6	9	8	7	16	
Ile-de-France	Large (100+)	3	3	4	3	7	3	3	10	
Centre-Val de Loire	Small (5-19)	2	2	1	2	3	1	3	5	45
Centre-Val de Loire	Medium (20-99)	1	2	3	1	2	5	2	2	
Centre-Val de Loire	Large (100+)	1	1	4	0	0	0	0	2	
Bourgogne-Franche-Comté	Small (5-19)	3	10	11	2	9	4	3	4	67
Bourgogne-Franche-Comté	Medium (20-99)	3	0	6	3	1	0	3	0	
Bourgogne-Franche-Comté	Large (100+)	0	1	1	0	2	0	0	1	
Normandie	Small (5-19)	1	5	9	1	5	3	4	9	79
Normandie	Medium (20-99)	4	4	3	2	0	4	6	2	
Normandie	Large (100+)	3	0	5	3	4	0	0	2	
Nord-Pas de Calais-Picardie	Small (5-19)	1	3	2	4	8	4	3	14	77
Nord-Pas de Calais-Picardie	Medium (20-99)	0	1	3	0	4	1	1	4	
Nord-Pas de Calais-Picardie	Large (100+)	2	2	3	2	11	0	0	4	
Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	2	4	7	3	8	6	2	10	79
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	2	3	7	2	1	0	2	3	
Alsace-Champagne-Ardenne-Lorraine	Large (100+)	0	5	7	0	1	0	2	2	
Pays de la Loire	Small (5-19)	1	0	4	8	5	1	5	4	67
Pays de la Loire	Medium (20-99)	4	6	1	8	2	1	4	3	
Pays de la Loire	Large (100+)	2	1	2	0	3	0	0	2	

Bretagne	Small (5-19)	2	2	3	3	9	1	3	11	64
Bretagne	Medium (20-99)	6	2	1	2	5	0	0	5	
Bretagne	Large (100+)	0	2	2	1	1	1	0	2	
Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	1	6	7	8	10	3	3	8	72
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	3	3	3	3	0	0	3	5	
Aquitaine-Limousin-Poitou-Charentes	Large (100+)	2	0	1	0	1	0	0	2	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	0	3	4	5	11	3	3	15	60
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	1	1	1	0	2	0	5	3	
Languedoc-Roussillon-Midi-Pyrénées	Large (100+)	0	0	1	0	1	0	0	1	
Auvergne-Rhône-Alpes	Small (5-19)	2	8	3	3	8	4	3	19	90
Auvergne-Rhône-Alpes	Medium (20-99)	2	1	4	5	2	1	2	5	
Auvergne-Rhône-Alpes	Large (100+)	1	2	7	0	4	0	1	3	
Provence-Alpes-Côte d'Azur	Small (5-19)	0	7	5	4	12	3	5	18	72
Provence-Alpes-Côte d'Azur	Medium (20-99)	0	2	0	3	2	3	1	4	
Provence-Alpes-Côte d'Azur	Large (100+)	0	0	1	1	1	0	0	0	
Corse	Small (5-19)	1	0	1	2	3	3	2	3	26
Corse	Medium (20-99)	0	0	1	1	6	0	1	1	
Corse	Large (100+)	0	0	0	0	0	0	0	1	
		73	106	155	101	178	70	94	237	1,014

Table 7: Achieved Panel Sample

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	3	3	6	0	6	1	0	10	80
Ile-de-France	Medium (20-99)	2	4	11	3	4	2	1	8	
Ile-de-France	Large (100+)	1	1	3	0	4	2	0	5	
Centre-Val de Loire	Small (5-19)	0	1	0	0	0	0	0	1	5
Centre-Val de Loire	Medium (20-99)	0	0	1	1	0	1	0	0	
Bourgogne-Franche-Comté	Small (5-19)	2	1	4	0	1	1	0	1	13
Bourgogne-Franche-Comté	Medium (20-99)	1	0	1	1	0	0	0	0	
Normandie	Small (5-19)	0	0	3	0	1	1	0	1	14
Normandie	Medium (20-99)	0	0	1	2	0	0	0	2	
Normandie	Large (100+)	0	0	2	0	1	0	0	0	
Nord-Pas de Calais-Picardie	Small (5-19)	0	0	1	0	0	0	0	0	6
Nord-Pas de Calais-Picardie	Medium (20-99)	0	0	2	0	2	1	0	0	
Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	0	1	5	0	0	1	0	0	16
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	0	1	3	0	0	0	0	0	
Alsace-Champagne-Ardenne-Lorraine	Large (100+)	0	0	2	0	1	0	1	1	
Pays de la Loire	Small (5-19)	0	0	0	1	0	0	0	1	4
Pays de la Loire	Medium (20-99)	0	0	0	0	0	0	0	2	
Pays de la Loire	Large (100+)	0	0	0	0	1	0	0	1	4
Bretagne	Small (5-19)	0	0	0	1	0	0	0	1	
Bretagne	Medium (20-99)	2	0	0	0	0	0	0	2	5
Bretagne	Large (100+)	0	0	0	0	1	0	0	0	

Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	1	0	2	1	1	0	0	0	7
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	0	2	0	0	0	0	0	0	
Aquitaine-Limousin-Poitou-Charentes	Large (100+)	0	0	0	0	0	0	0	1	9
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	0	1	4	0	0	0	0	3	
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	0	1	0	0	0	0	1	1	7
Auvergne-Rhône-Alpes	Small (5-19)	0	0	1	0	0	1	0	2	
Auvergne-Rhône-Alpes	Medium (20-99)	0	0	1	0	0	0	0	0	7
Provence-Alpes-Côte d'Azur	Small (5-19)	0	0	1	0	2	0	0	3	
		12	16	54	10	25	11	3	46	177

Table 8: Weak Universe Estimates

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	3972	561	4333	9540	12303	1767	5641	22219	92,757
Ile-de-France	Medium (20-99)	285	907	2254	3133	3939	411	2454	11417	
Ile-de-France	Large (100+)	148	78	285	1235	1727	113	324	3713	
Centre-Val de Loire	Small (5-19)	291	191	206	972	1085	52	283	2483	8,630
Centre-Val de Loire	Medium (20-99)	33	210	179	150	321	1034	188	513	
Centre-Val de Loire	Large (100+)	33	60	253	0	0	0	0	93	
Bourgogne-Franche-Comté	Small (5-19)	326	517	1632	1181	3045	915	538	2380	12,375
Bourgogne-Franche-Comté	Medium (20-99)	91	0	925	412	21	0	151	0	
Bourgogne-Franche-Comté	Large (100+)	0	62	111	0	50	0	0	18	
Normandie	Small (5-19)	697	183	746	1967	2885	191	852	3470	13,568
Normandie	Medium (20-99)	67	148	202	331	0	40	175	511	
Normandie	Large (100+)	61	0	172	39	326	0	0	505	
Nord-Pas de Calais-Picardie	Small (5-19)	476	442	508	3332	3809	181	1349	4806	20,102
Nord-Pas de Calais-Picardie	Medium (20-99)	0	41	932	0	1158	76	195	1740	
Nord-Pas de Calais-Picardie	Large (100+)	60	172	125	355	154	0	0	192	
Alsace-Champagne-Ardenne-Lorraine	Small (5-19)	790	419	1986	2032	4206	490	729	4962	21,714
Alsace-Champagne-Ardenne-Lorraine	Medium (20-99)	144	126	1155	399	496	0	160	1469	
Alsace-Champagne-Ardenne-Lorraine	Large (100+)	0	45	409	0	496	0	280	919	
Pays de la Loire	Small (5-19)	862	0	1296	2758	3269	189	1770	1924	17,277
Pays de la Loire	Medium (20-99)	252	267	177	637	289	189	482	2051	
Pays de la Loire	Large (100+)	126	98	257	0	239	0	0	146	
Bretagne	Small (5-19)	333	64	352	1905	3998	124	841	4638	16,253
Bretagne	Medium (20-99)	509	64	104	504	345	0	0	1223	

Bretagne	Large (100+)	0	52	208	347	32	4	0	609	
Aquitaine-Limousin-Poitou-Charentes	Small (5-19)	1240	1111	2635	3132	4575	489	1087	5326	24,988
Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	197	228	326	1440	0	0	688	1474	
Aquitaine-Limousin-Poitou-Charentes	Large (100+)	131	0	195	0	62	0	0	654	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	0	539	1110	2569	5634	565	2146	7870	24,891
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	282	17	263	0	351	0	707	1721	
Languedoc-Roussillon-Midi-Pyrénées	Large (100+)	0	0	263	0	52	0	0	800	
Auvergne-Rhône-Alpes	Small (5-19)	1088	1529	1467	2867	6515	1112	3150	8671	36,920
Auvergne-Rhône-Alpes	Medium (20-99)	295	130	937	3562	68	110	638	3071	
Auvergne-Rhône-Alpes	Large (100+)	147	313	536	0	112	0	319	280	
Provence-Alpes-Côte d'Azur	Small (5-19)	0	1051	775	1699	5392	439	1317	8376	24,879
Provence-Alpes-Côte d'Azur	Medium (20-99)	0	542	0	1337	702	104	162	1879	
Provence-Alpes-Côte d'Azur	Large (100+)	0	0	592	162	351	0	0	0	
Corse	Small (5-19)	45	0	21	461	371	72	89	281	2,232
Corse	Medium (20-99)	0	0	78	94	341	0	44	123	
Corse	Large (100+)	0	0	0	0	0	0	0	211	
		12982	10167	28006	48551	68716	8668	26759	112739	316,587

Table 9: Median Universe Estimates

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	2091	316	2441	4376	6424	872	2701	10693	47,745
Ile-de-France	Medium (20-99)	156	549	1416	1541	2235	212	1353	6151	
Ile-de-France	Large (100+)	80	51	192	658	1056	54	198	1929	
Centre-Val de Loire	Small (5-19)	135	106	103	449	547	24	132	1170	4,264
Centre-Val de Loire	Medium (20-99)	17	113	106	77	187	479	88	277	
Centre-Val de Loire	Large (100+)	17	36	152	0	0	0	0	49	
Bourgogne-Franche-Comté	Small (5-19)	132	238	683	462	1379	377	216	968	5,325
Bourgogne-Franche-Comté	Medium (20-99)	41	0	442	182	12	0	69	0	
Bourgogne-Franche-Comté	Large (100+)	0	33	54	0	28	0	0	9	
Normandie	Small (5-19)	425	132	493	1173	1935	119	526	2129	8,799
Normandie	Medium (20-99)	49	114	156	234	0	28	122	352	
Normandie	Large (100+)	46	0	141	29	250	0	0	347	
Nord-Pas de Calais-Picardie	Small (5-19)	291	282	298	1803	2590	102	741	2607	12,068
Nord-Pas de Calais-Picardie	Medium (20-99)	0	31	587	0	777	42	121	1083	
Nord-Pas de Calais-Picardie	Large (100+)	37	124	93	214	116	0	0	130	
Alsace-Champagne- Ardenne-Lorraine	Small (5-19)	349	217	932	879	2055	222	325	2187	10,353
Alsace-Champagne- Ardenne-Lorraine	Medium (20-99)	79	76	633	195	277	0	81	700	
Alsace-Champagne- Ardenne-Lorraine	Large (100+)	0	29	243	0	277	0	138	459	
Pays de la Loire	Small (5-19)	380	0	604	1208	1530	94	784	844	8,154
Pays de la Loire	Medium (20-99)	126	154	100	311	162	94	242	1042	
Pays de la Loire	Large (100+)	63	66	139	0	133	0	0	79	
Bretagne	Small (5-19)	163	37	191	900	2104	67	407	2229	8,314
Bretagne	Medium (20-99)	259	37	61	271	223	0	0	666	
Bretagne	Large (100+)	0	32	122	185	24	2	0	335	
Aquitaine-Limousin-Poitou- Charentes	Small (5-19)	549	546	1255	1405	2233	219	493	2360	11,738

Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	99	125	182	656	0	0	320	750	
Aquitaine-Limousin-Poitou-Charentes	Large (100+)	66	0	106	0	39	0	0	337	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	0	328	512	1075	2629	273	925	3381	11,335
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	137	10	137	0	201	0	354	820	
Languedoc-Roussillon-Midi-Pyrénées	Large (100+)	0	0	137	0	30	0	0	386	
Auvergne-Rhône-Alpes	Small (5-19)	619	975	926	1620	4264	654	1806	4911	22,517
Auvergne-Rhône-Alpes	Medium (20-99)	190	85	682	2058	53	72	414	1974	
Auvergne-Rhône-Alpes	Large (100+)	95	232	393	0	89	0	207	198	
Provence-Alpes-Côte d'Azur	Small (5-19)	0	404	310	629	2177	164	492	3139	9,726
Provence-Alpes-Côte d'Azur	Medium (20-99)	0	199	0	530	328	44	68	761	
Provence-Alpes-Côte d'Azur	Large (100+)	0	0	247	68	164	0	0	0	
Corse	Small (5-19)	16	0	11	138	127	25	31	88	742
Corse	Medium (20-99)	0	0	40	32	113	0	15	43	
Corse	Large (100+)	0	0	0	0	0	0	0	64	
		6707	5678	15321	23358	36764	4238	13369	55645	161,080

Table 10: Strict Universe Estimates

		Food	Fabricated Metal Products	Other Manufacturing	Construction	Retail	Hotels	Professional Activities	Other Services	Grand Total
Ile-de-France	Small (5-19)	273	44	250	294	647	147	193	1107	4,545
Ile-de-France	Medium (20-99)	12	54	142	92	167	21	109	726	
Ile-de-France	Large (100+)	4	7	11	34	59	5	15	133	
Centre-Val de Loire	Small (5-19)	8	7	5	18	32	2	5	64	218
Centre-Val de Loire	Medium (20-99)	1	4	6	2	7	30	3	10	
Centre-Val de Loire	Large (100+)	1	2	8	0	0	0	0	2	
Bourgogne-Franche-Comté	Small (5-19)	8	17	32	20	87	26	8	52	283
Bourgogne-Franche-Comté	Medium (20-99)	3	0	15	5	1	0	3	0	
Bourgogne-Franche-Comté	Large (100+)	0	2	2	0	2	0	0	1	
Normandie	Small (5-19)	73	28	79	143	335	29	58	343	1,322
Normandie	Medium (20-99)	9	19	24	31	0	4	9	39	
Normandie	Large (100+)	8	0	22	4	28	0	0	37	
Nord-Pas de Calais-Picardie	Small (5-19)	54	65	44	214	501	23	80	426	1,940
Nord-Pas de Calais-Picardie	Medium (20-99)	0	8	89	0	135	10	8	185	
Nord-Pas de Calais-Picardie	Large (100+)	4	22	12	16	21	0	0	22	
Alsace-Champagne- Ardenne-Lorraine	Small (5-19)	22	19	53	39	131	19	13	129	576
Alsace-Champagne- Ardenne-Lorraine	Medium (20-99)	5	7	37	5	11	0	2	33	
Alsace-Champagne- Ardenne-Lorraine	Large (100+)	0	5	15	0	11	0	4	17	
Pays de la Loire	Small (5-19)	17	0	25	42	70	7	26	37	289
Pays de la Loire	Medium (20-99)	4	6	4	8	6	7	5	9	
Pays de la Loire	Large (100+)	2	1	5	0	5	0	0	3	
Bretagne	Small (5-19)	7	2	8	30	102	5	13	103	343
Bretagne	Medium (20-99)	11	2	2	6	11	0	0	20	
Bretagne	Large (100+)	0	2	3	4	1	1	0	10	
Aquitaine-Limousin-Poitou- Charentes	Small (5-19)	26	21	54	51	110	16	15	110	479

Aquitaine-Limousin-Poitou-Charentes	Medium (20-99)	3	4	6	19	0	0	9	20	
Aquitaine-Limousin-Poitou-Charentes	Large (100+)	2	0	3	0	2	0	0	9	
Languedoc-Roussillon-Midi-Pyrénées	Small (5-19)	0	12	22	37	126	22	29	158	482
Languedoc-Roussillon-Midi-Pyrénées	Medium (20-99)	4	1	4	0	10	0	8	33	
Languedoc-Roussillon-Midi-Pyrénées	Large (100+)	0	0	4	0	2	0	0	11	
Auvergne-Rhône-Alpes	Small (5-19)	88	165	119	158	639	127	169	684	2,944
Auvergne-Rhône-Alpes	Medium (20-99)	17	17	93	186	9	10	25	291	
Auvergne-Rhône-Alpes	Large (100+)	9	29	56	0	14	0	12	29	
Provence-Alpes-Côte d'Azur	Small (5-19)	0	20	14	24	123	13	18	173	473
Provence-Alpes-Côte d'Azur	Medium (20-99)	0	8	0	16	12	3	2	30	
Provence-Alpes-Côte d'Azur	Large (100+)	0	0	8	2	6	0	0	0	
Corse	Small (5-19)	1	0	1	8	10	3	2	7	56
Corse	Medium (20-99)	0	0	3	1	10	0	1	2	
Corse	Large (100+)	0	0	0	0	0	0	0	5	
		677	601	1278	1507	3443	532	843	5069	13,951

Table 11: Item Response Rates

	Screeners/Interview	d2	l1	n2a	all TFP variables
Panel	Fresh	99.9%	100.0%	98.4%	87.8%
	Panel	100.0%	100.0%	97.8%	81.5%
Size	Small (5-19)	100.0%	100.0%	98.2%	90.7%
	Medium (20-99)	99.7%	100.0%	98.3%	81.1%
	Large (100+)	100.0%	100.0%	98.7%	85.3%
Region	Ile-de-France	99.5%	100.0%	98.6%	80.3%
	Centre-Val de Loire	100.0%	100.0%	100.0%	93.8%
	Bourgogne-Franche-Comté	100.0%	100.0%	100.0%	88.2%
	Normandie	100.0%	100.0%	100.0%	96.8%
	Nord-Pas de Calais-Picardie	100.0%	100.0%	96.1%	100.0%
	Alsace-Champagne-Ardenne-Lorraine	100.0%	100.0%	94.9%	75.0%
	Pays de la Loire	100.0%	100.0%	100.0%	85.0%
	Bretagne	100.0%	100.0%	93.8%	77.8%
	Aquitaine-Limousin-Poitou-Charentes	100.0%	100.0%	98.6%	72.0%
	Languedoc-Roussillon-Midi-Pyrénées	100.0%	100.0%	96.7%	90.0%
	Auvergne-Rhône-Alpes	100.0%	100.0%	100.0%	100.0%
	Provence-Alpes-Côte d'Azur	100.0%	100.0%	100.0%	92.9%
	Corse	100.0%	100.0%	100.0%	100.0%
Sector	Food	100.0%	100.0%	100.0%	83.6%
	Fabricated Metal Products	100.0%	100.0%	99.1%	91.5%
	Other Manufacturing	100.0%	100.0%	98.7%	83.6%
	Construction	100.0%	100.0%	100.0%	#N/A
	Retail	100.0%	100.0%	99.4%	#N/A
	Hotels	100.0%	100.0%	98.6%	#N/A
	Professional Activities	98.9%	100.0%	97.9%	#N/A
	Other Services	100.0%	100.0%	95.8%	#N/A
Overall	France 2025	99.9%	100.0%	98.3%	86.2%

Notes: the rates are calculated as follows. The number of responses with informative content in the respective variable (or combination of variables in the case of TFP) is divided by the same number plus the number of responses that are "don't know" (code -9) or refusal (code -8).