

The Switzerland 2025 World Bank Enterprise Survey Implementation Report

I. Introduction

This document provides information on the World Bank Enterprise Surveys (WBES) implemented in Switzerland between January 2025 and March 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 (Registre du Commerce, Handelsregister, Registro di Commercio in Switzerland). 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 Switzerland 2025 WBES, the universe table, shown in Table 1 below, was obtained from the Swiss Federal Statistical Office, with a reference period of 2024.

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 Switzerland 2025 WBES was constructed from list of establishments that are in the WBES universe and was provided by the Swiss Federal Statistical Office.

For every WBES, necessary measures are taken to ensure the quality of the frame; 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 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 Switzerland 2025 WBES uses the following stratification categories:

- **Industry: 6 categories:**
 - Within manufacturing:
 - Food (ISIC Rev 4.0 code 10), and

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.

- Other Manufacturing (ISIC Rev 4.0 codes 11-33).
- Within services:
 - Retail (ISIC Rev 4.0 code 47),
 - Hotels (ISIC Rev 4.0 code 55),
 - Professional Activities (ISIC Rev 4.0 code 69-75), and
 - Other Services (ISIC Rev 4 codes 41-43, 45-46, 49-53, 56, 58, 61-62, 79, 95).
- **Size: 3 categories:**
 - Small (5 to 19 employees),
 - Medium (20 to 99 employees), and
 - Large (100 or more employees).
- **Region: 5 categories:**
 - Lake Geneva (Geneva, Vaud, Valais),
 - Espace Mittelland (Bern, Fribourg, Jura, Neuchâtel, Solothurn),
 - Zurich and North-Western Switzerland (Basel-Stadt, Basel-Landschaft, Aargau, Zurich),
 - Eastern and Central (Appenzell Ausserrhoden, Appenzell Innerrhoden, Glarus, Graubünden, Schaffhausen, St. Gallen, Thurgau, Uri, Schwyz, Nidwalden, Obwalden, Lucerne, Zug), and
 - Ticino

Industry strata for manufacturing were defined based on their contribution to total employment, value added, and number of establishments, using data from UNIDO INSTAT 4 (2021–2022). The food sector accounts for 13%, 7%, and 14% of these indicators, respectively. All remaining manufacturing activities were grouped into a residual stratum, “Other Manufacturing.”

Service sector strata were defined based on their contribution to total employment, using 2022 data from the Swiss Federal Statistical Office on economic activity by canton. The sectors selected for separate stratification together account for approximately 31% of total employment within the Enterprise Surveys (ES) universe.

Regional stratification for the Switzerland 2025 WBES was based on administrative divisions, with cantons grouped as needed to ensure the minimum required precision of estimates within each region. Specifically, Switzerland’s 26 cantons were aggregated into five regions, as described above, broadly reflecting both administrative and linguistic groupings.

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 Switzerland 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 Switzerland 2025 WBES were conducted between January 2025 and March 2026. The interviews were conducted in the following languages: German, French, Italian and English. For monetary variables, the currency was Swiss Franc (CHF).

Apart from the participation and call-back challenges that are typical of firm-level surveys, the Switzerland 2025 WBES faced additional complexities in securing interviews. These challenges were more pronounced in the Swiss context, where firms often require additional reassurance regarding the credibility, purpose, and confidentiality of the study before agreeing to participate. Consequently, the data collection process required sustained follow-up efforts and a high degree of flexibility in scheduling to accommodate respondents' availability.

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 Switzerland 2025 WBES was implemented by Tameo Impact Fund Solutions. 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*.

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

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>

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 Switzerland 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 Switzerland 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., *a1* 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 variables that are country or region specific are generally named using a prefix in capital letters. These country-specific variables are generally not available beyond the specific country or region where they were implemented. For the Switzerland 2025 WBES, these variables use prefix “CHE”.

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 Switzerland 2025 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	Swiss Federal Statistical Office - Reference period 2024
Source of Sampling Frame	Swiss Federal Statistical Office - Reference period 2024
Levels of Universe Table and Sampling Frame	Universe Table: Establishment-level Sampling Frame: Establishment-level
Registration agency	Registre du Commerce, Handelsregister, Registro di Commercio
Stratification sectors	Within manufacturing: Food (ISIC Rev 4.0 code 10), and Other Manufacturing (ISIC Rev 4.0 codes 11-33). Within services: Retail (ISIC Rev 4.0 code 47), Hotels (ISIC Rev 4.0 code 55), Professional Activities (ISIC Rev 4.0 code 69-75), and Other Services (ISIC Rev 4 codes 41-43, 45-46, 49-53, 56, 58, 61-62, 79, 95).
Stratification sizes	Small (5 to 19 employees), Medium (20 to 99 employees), and Large (100-199),
Stratification regions	Lake Geneva (Geneva, Vaud, Valais), Espace Mittelland (Bern, Fribourg, Jura, Neuchâtel, Solothurn), Zurich and North-Western Switzerland (Basel-Stadt, Basel-Landschaft, Aargau, Zurich), Eastern and Central (Appenzell Ausserrhoden, Appenzell Innerrhoden, Glarus, Graubünden, Schaffhausen, St. Gallen, Thurgau, Uri, Schwyz, Nidwalden, Obwalden, Lucerne, Zug), and Ticino
Contractor	Tameo Impact Fund Solutions
Fieldwork dates	January 2025 - March 2026
Interview languages	English, Italian, French, German
Survey software	CSPRO
Currency for nominal variables	Swiss Franc (CHE)
Reference fiscal year	2024 (533 obs.); 2025 (46 obs.)
VAT Applicable	YES
Additional definitions	“Consumption Tax” was referred to as VAT, TVA, Mehrwertsteuer (MwSt.), or Imposta sul Valore Aggiunto (IVA)”. For the capital city (a3b), Bern was entered; for the main business city (a3c), Zurich was entered.

Sample Size	Total: 579	Fresh: 579	Panel: 0
Survey response rates	Yield: 3.6% Response rate: 9.4% Frame quality: 38.2%		
Item response rates	d2: 91.0% n2a: 86.2% 11: 99.5% all TFPvars ⁷ : 65.1%		
Additional topics covered in the questionnaire			
Additional surveys available (if any)			

Tables

Table 1: Switzerland 2025 WBES Universe

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	239	1198	1580	472	2469	6985	16,183
Lake Geneva	Medium (20-99)	88	362	208	175	490	1457	
Lake Geneva	Large (100 or more)	16	93	32	33	63	223	
Espace Mittelland	Small (5-19)	402	2075	1614	401	2126	6628	17,353
Espace Mittelland	Medium (20-99)	160	933	249	162	445	1499	
Espace Mittelland	Large (100 or more)	30	291	37	15	49	237	
Zurich & North-West	Small (5-19)	224	1927	2102	154	4112	9806	24,524
Zurich & North-West	Medium (20-99)	150	848	336	124	960	2627	
Zurich & North-West	Large (100 or more)	45	283	95	23	159	549	
Eastern & Central	Small (5-19)	412	2407	2136	578	3057	9156	23,337
Eastern & Central	Medium (20-99)	195	1136	308	293	571	2235	
Eastern & Central	Large (100 or more)	52	312	50	37	76	326	
Ticino	Small (5-19)	62	353	474	91	789	2209	4,872
Ticino	Medium (20-99)	19	148	56	44	99	410	
Ticino	Large (100 or more)	3	44	7	7	9	48	
		2,097	12,410	9,284	2,609	15,474	44,395	86,269

Source: Swiss Federal Statistical Office - Establishment-level

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.

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

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	220	320	320	320	400	1400	5043
Lake Geneva	Medium (20-99)	88	360	199	169	480	320	
Lake Geneva	Large (100 or more)	16	93	28	33	59	218	
Espace Mittelland	Small (5-19)	320	320	320	320	320	1280	5566
Espace Mittelland	Medium (20-99)	156	800	223	155	400	320	
Espace Mittelland	Large (100 or more)	30	289	30	14	42	227	
Zurich & North-West	Small (5-19)	223	320	480	138	840	2520	7949
Zurich & North-West	Medium (20-99)	148	720	218	117	800	520	
Zurich & North-West	Large (100 or more)	45	283	87	22	148	320	
Eastern & Central	Small (5-19)	320	320	480	320	800	2280	8441
Eastern & Central	Medium (20-99)	193	960	291	280	560	800	
Eastern & Central	Large (100 or more)	52	312	43	37	73	320	
Ticino	Small (5-19)	60	320	320	90	320	320	2309
Ticino	Medium (20-99)	19	147	56	42	99	400	
Ticino	Large (100 or more)	3	44	6	7	8	48	
		1,893	5,608	3,101	2,064	5,349	11,293	29,308

Source: Swiss Federal Statistical Office - Establishment-level

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

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	7	7	12	8	3	7	120
Lake Geneva	Medium (20-99)	11	7	7	11	2	4	
Lake Geneva	Large (100 or more)	5	6	8	9	2	4	
Espace Mittelland	Small (5-19)	8	12	11	7	2	7	120
Espace Mittelland	Medium (20-99)	11	9	6	10	2	4	
Espace Mittelland	Large (100 or more)	8	6	7	4	2	4	
Zurich & North-West	Small (5-19)	4	9	12	4	10	19	120
Zurich & North-West	Medium (20-99)	8	6	5	7	2	4	
Zurich & North-West	Large (100 or more)	9	4	5	6	2	4	
Eastern & Central	Small (5-19)	5	12	13	6	3	15	122
Eastern & Central	Medium (20-99)	9	8	5	9	2	4	
Eastern & Central	Large (100 or more)	9	4	4	8	2	4	
Ticino	Small (5-19)	12	7	10	12	2	4	118
Ticino	Medium (20-99)	7	11	12	11	2	4	
Ticino	Large (100 or more)	1	12	2	3	2	4	
		114	120	119	115	40	92	600

Table 4: Response Outcomes

		Totals	Rates relative to total contacted
Overall	Contacts available in frame	29,308	
	Issued	16,186	
	Contacted	16,186	
Screening phase	Eligibles	1,215	7.5%
	Screener refusals	4,911	30.3%
	Assumed eligibles	6,183	38.2%
	Ineligible + out of target	899	5.6%
	Unobtainables	9,104	56.2%
Interview phase (only if eligible)	Interview refusals	636	3.9%
	Complete interviews	579	3.6%

Table 5: Survey Yield Rates

	Stratification	Yield	Survey response rate	Frame quality
Panel	Fresh	3.6%	9.4%	38.2%
Size	Small (5-19)	3.2%	8.6%	37.8%
	Medium (20-99)	4.1%	9.8%	42.0%
	Large (100+)	3.6%	11.0%	32.6%
Region	Lake Geneva	4.7%	9.4%	49.9%
	Espace Mittelland	3.5%	7.7%	45.7%
	Zurich & North-West Switzerland	2.7%	8.7%	30.6%
	Eastern & Central Switzerland	2.7%	7.4%	36.2%
Sector	Ticino	5.8%	20.1%	28.9%
	Food	4.0%	8.8%	44.8%
	Other Manufacturing	4.6%	11.8%	38.4%
	Retail	3.4%	7.6%	45.1%
	Hotels	3.6%	7.9%	45.8%
	Professional Services	4.7%	12.5%	37.3%
	Other Services	2.5%	8.9%	28.0%
Overall	Switzerland 2025	3.6%	9.4%	38.2%

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

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

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	8	7	19	4	4	16	129
Lake Geneva	Medium (20-99)	0	11	7	6	3	13	
Lake Geneva	Large (100 or more)	1	8	5	1	3	13	
Espace Mittelland	Small (5-19)	12	11	15	8	3	7	117
Espace Mittelland	Medium (20-99)	5	11	7	3	1	8	
Espace Mittelland	Large (100 or more)	2	10	1	1	4	8	
Zurich & North-West	Small (5-19)	3	5	9	3	12	20	106
Zurich & North-West	Medium (20-99)	4	7	7	1	5	7	
Zurich & North-West	Large (100 or more)	3	6	2	0	4	8	
Eastern & Central	Small (5-19)	5	7	16	7	5	15	108
Eastern & Central	Medium (20-99)	7	9	7	4	3	8	
Eastern & Central	Large (100 or more)	2	4	1	0	2	6	
Ticino	Small (5-19)	5	7	12	7	6	26	119
Ticino	Medium (20-99)	2	15	2	4	12	14	
Ticino	Large (100 or more)	0	4	0	1	0	2	
		59	122	110	50	67	171	579

Table 7: Weak Universe Estimates

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	932	624	1518	184	2024	4668	14586
Lake Geneva	Medium (20-99)	0	239	211	162	750	2450	
Lake Geneva	Large (100 or more)	8	123	217	46	201	228	
Espace Mittelland	Small (5-19)	363	1574	1478	361	2217	5110	16453
Espace Mittelland	Medium (20-99)	110	926	145	67	218	2540	
Espace Mittelland	Large (100 or more)	30	308	26	15	33	933	
Zurich & North-West	Small (5-19)	103	774	2389	260	4194	8776	23128
Zurich & North-West	Medium (20-99)	96	723	557	23	1059	2059	
Zurich & North-West	Large (100 or more)	68	317	70	0	331	1327	
Eastern & Central	Small (5-19)	188	1665	1951	593	3037	9374	22239
Eastern & Central	Medium (20-99)	121	1098	225	138	1380	1548	
Eastern & Central	Large (100 or more)	71	428	24	0	38	359	
Ticino	Small (5-19)	97	396	345	43	618	2000	4507
Ticino	Medium (20-99)	20	237	28	52	181	410	
Ticino	Large (100 or more)	0	43	0	7	0	30	
		2206	9478	9185	1950	16281	41813	80914

Table 8: Median Universe Estimates

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	439	337	980	124	996	2063	7203
Lake Geneva	Medium (20-99)	0	137	149	127	413	1056	
Lake Geneva	Large (100 or more)	4	65	94	31	106	80	
Espace Mittelland	Small (5-19)	209	742	855	214	1049	1904	7184
Espace Mittelland	Medium (20-99)	67	459	87	42	109	947	
Espace Mittelland	Large (100 or more)	14	117	16	7	12	335	
Zurich & North-West	Small (5-19)	40	245	725	106	1270	2261	6584
Zurich & North-West	Medium (20-99)	39	239	215	7	345	553	
Zurich & North-West	Large (100 or more)	23	73	26	0	102	315	
Eastern & Central	Small (5-19)	85	620	877	276	1126	2729	7590
Eastern & Central	Medium (20-99)	58	426	107	65	435	521	
Eastern & Central	Large (100 or more)	24	137	9	0	11	83	
Ticino	Small (5-19)	40	114	137	17	193	503	1302
Ticino	Medium (20-99)	9	80	13	21	55	102	
Ticino	Large (100 or more)	0	11	0	2	0	6	
		1051	3801	4292	1039	6223	13457	29863

Table 9: Strict Universe Estimates

		Food	Other Manufacturing	Retail	Hotels	Professional Activities	Other Services	Grand Total
Lake Geneva	Small (5-19)	49	36	155	14	112	216	867
Lake Geneva	Medium (20-99)	0	18	28	12	54	118	
Lake Geneva	Large (100 or more)	1	9	13	3	15	13	
Espace Mittelland	Small (5-19)	26	87	150	27	140	224	960
Espace Mittelland	Medium (20-99)	10	65	19	6	18	118	
Espace Mittelland	Large (100 or more)	2	13	4	1	4	47	
Zurich & North-West	Small (5-19)	8	49	180	25	279	474	1509
Zurich & North-West	Medium (20-99)	10	58	69	1	90	137	
Zurich & North-West	Large (100 or more)	5	14	9	0	27	72	
Eastern & Central	Small (5-19)	19	127	252	59	254	551	1733
Eastern & Central	Medium (20-99)	15	103	39	16	109	135	
Eastern & Central	Large (100 or more)	5	29	3	0	2	15	
Ticino	Small (5-19)	9	28	49	7	51	124	354
Ticino	Medium (20-99)	2	22	4	7	14	28	
Ticino	Large (100 or more)	0	4	0	1	0	2	
		163	663	973	179	1171	2273	5422

Table 10: Item Response Rates

	 Screener/Interview	d2	l1	n2a	all TFP variables
	Fresh	91.0%	99.5%	86.2%	65.1%
Size	Small (5-19)	92.3%	99.3%	86.6%	66.1%
	Medium (20-99)	91.2%	99.5%	86.5%	64.7%
	Large (100+)	87.3%	100.0%	84.3%	64.1%
Region	Espace Mittelland	87.2%	100.0%	81.2%	65.3%
	Zurich & North-West	91.5%	97.2%	84.0%	55.6%
	Eastern & Central	90.7%	100.0%	82.4%	59.4%
	Ticino	95.0%	100.0%	95.0%	83.3%
Sector	Food	88.1%	100.0%	84.7%	64.4%
	Other Manufacturing	89.3%	100.0%	85.2%	65.5%
	Retail	90.9%	99.1%	85.5%	N/A
	Hotels	86.0%	100.0%	82.0%	N/A
	Professional Activities	94.0%	100.0%	91.0%	N/A
	Other Services	93.6%	98.8%	87.1%	N/A
Overall	Switzerland 2025	91.0%	99.5%	86.2%	65.1%

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).

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