

The Turkey Regional Enterprise Survey Data Set

I. Introduction

This document provides additional information on the data collected in the Turkey Regional Enterprise Survey (R-ES) between August 2015 and June 2016. The objective of the R-ES is to gain an understanding of what Turkish firms experience in the private sector.

As part of its strategic goal of building a climate for investment, job creation, and sustainable growth, the World Bank has promoted improving the business environment as a key strategy for development, which has led to a systematic effort in collecting enterprise data across countries. The Enterprise Surveys (ES) are an ongoing World Bank project in collecting both objective data based on firms' experiences and enterprises' perception of the environment in which they operate.

The R-ES builds from the methodology developed for the standard Enterprise Survey of the World Bank and creates a baseline dataset with full geographical coverage of the private sector in Turkey, in the period 2015-2016. Data are used to create statistically significant business environment indicators that are comparable across all regions (NUTS 2) of the country.

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

II. Sampling Structure

The sample for 2015 Turkey R-ES was selected using stratified random sampling, following the methodology explained in the *Sampling Note*¹. Stratified random sampling² was preferred over simple random sampling for several reasons³:

a. To obtain unbiased estimates for different subdivisions of the population with some known level of precision.

b. To obtain unbiased estimates for the whole population. The whole population, or universe of the study, is the non-agricultural economy. It comprises: all manufacturing sectors according to the group classification of NACE Revision 2.0: (group C), construction sector (group F), services sector (groups G and I), and transport, storage, and communications sector (group H and J). Note that this definition excludes the following sectors: financial intermediation (group K), real estate and renting activities (group L) and all public or utilities-sectors.

c. To make sure that the final total sample includes establishments from all different sectors and that it is not concentrated in one or two of industries/sizes/regions.

¹ The complete text can be found at http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Methodology/Sampling_Note.pdf

² A stratified random sample is one obtained by separating the population elements into non-overlapping groups, called strata, and then selecting a simple random sample from each stratum. (Richard L. Scheaffer; Mendenhall, W.; Lyman, R., "Elementary Survey Sampling", Fifth Edition).

³ Cochran, W., 1977, pp. 89; Lohr, Sharon, 1999, pp. 95

d. To exploit the benefits of stratified sampling where population estimates, in most cases, will be more precise than using a simple random sampling method (i.e., lower standard errors, other things being equal.)

e. Stratification may produce a smaller bound on the error of estimation than would be produced by a simple random sample of the same size. This result is particularly true if measurements within strata are homogeneous.

f. The cost per observation in the survey may be reduced by stratification of the population elements into convenient groupings.

Three levels of stratification were used in this country: industry, establishment size, and region. The original sample design with specific information of the industries and regions chosen is described in Appendix D.

Industry stratification was designed in the way that follows: the universe was stratified into four manufacturing industries and four services industries- Food (NACE 2.0 codes 10), Textiles and Wearing apparel (NACE codes 13 and 14), Fabricated Metal, Machinery and Motor Vehicles (NACE codes 25, 28, 29), Other Manufacturing (NACE codes 11, 12, 15-24, 26, 27, 30-32), Construction (NACE codes 41, 42, 43) Wholesale and Retail (45, 46, 47), Transport (49, 50-53) and Other Services (NACE codes 33, 55, 56, 58, 61, 62, 79, and 95).

For the Turkey R-ES, size stratification was defined as follows: micro (less than 5 employees), small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

Regional stratification for the Turkey RICA ES was done including eighty-one NUTS 3 regions: Istanbul, Tekirdağ , Edirne, Kırklareli, Balıkesir, Çanakkale, İzmir, Aydın, Denizli, Muğla, Manisa, Afyonkarahisar, Kütahya, Uşak, Bursa, Eskişehir, Bilecik, Kocaeli, Sakarya, Düzce, Bolu, Yalova, Ankara, Konya, Karaman, Antalya, Isparta, Burdur, Adana, Mersin, Hatay, Kahramanmaraş, Osmaniye, Kırıkkale, Aksaray, Niğde, Nevşehir, Kırşehir, Kayseri, Sivas, Yozgat, Zonguldak, Karabük, Bartın, Kastamonu, Çankırı, Sinop, Samsun, Tokat, Çorum, Amasya, Trabzon, Ordu, Giresun, Rize, Artvin, Gümüşhane, Erzurum, Erzincan, Bayburt, Ağrı, Kars, Iğdır, Ardahan, Malatya, Elazığ, Bingöl, Tunceli, Van, Muş, Bitlis, Hakkâri, Gaziantep, Adıyaman, Kilis, Şanlıurfa, Diyarbakır, Mardin, Batman, Şırnak, and Siirt. However, for precision purposes, the minimum number of observations required for a minimum level of precision of 7.5% of estimates of proportions with a 95% confidence interval was guaranteed for these regions grouped into 26 NUTS 2 regions: TR10, TR21, TR22, TR31, TR32, TR33, TR41, TR42, TR51, TR52, TR61, R62, TR63, TR71, TR72, TR81, TR82, TR83, TR90, TRA1, TRA2, TRB1, TRB2, TRC1, TRC2, TRC3.

III. Sampling implementation

Given the stratified design, sample frames containing a complete and updated list of establishments as well as information on all stratification variables (number of employees, industry, and region) are required to draw the sample.

The implementation of the TURKEY R-ES was split into three areas, each covered independently by a separate contractor: Barem, Ipsos-Turkey and Yontem Research.

The sample frame (Appendix A: Table 1) consisted of a listing of firms from the Turkish Statistical Institute (TUIK). The quality of the frame was enhanced by the verification process conducted by the three contractors. However, the sample frame was not immune from 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, adjustments are needed when computing the appropriate weights for individual observations. The percentage of confirmed non-eligible units as a proportion of the total number of sampled establishments contacted for the survey was 3.8% (1646 out of 43421 establishments)⁴.

Breaking down by industry and size, the sample targets in Appendix A – Table 2 were achieved (based on the sampling information).

IV. Data Base Structure:

All variables are named using, first, the letter of each section and, second, the number of the variable within the section, i.e. *a1* denotes section A, question 1 (some exceptions apply due to comparability reasons). Variable names preceded by the prefix “TU” indicate questions specific to the Turkey R-ES, therefore, they may not be found in the implementation of Enterprise Surveys in other countries. All other suffixed variables are global and are present in all Enterprise Surveys of the World Bank. 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.

There are 2 establishment identifiers, *idstd* and *id*. The first is a global unique identifier. The second is a country unique identifier. The variables *a2* (sampling region), *a6a* (sampling establishment’s size), and *a4a* (sampling sector) contain the establishment’s classification into the strata chosen for each country using information from the sample frame. The strata were defined according to the guidelines described above.

There are three levels of stratification: industry, size and region. Different combinations of these variables generate the strata cells for each industry/region/size combination. A distinction should be made between the variable *a4a* and *d1a2* (industry expressed as ISIC 3.1 code). The former gives the establishment’s classification into one of the chosen industry-strata based on the sample frame, whereas the latter gives the establishment’s actual industry classification (four digit code) based on the main activity at the time of the survey.

All of the following variables contain information from the sampling frame. They may not coincide with the reality of individual establishments as sample frames may contain inaccurate or outdated information. The variables containing the sample frame

⁴ Based on out of target and ineligible contacts

information are included in the data set for researchers who may want to further investigate statistical features of the survey and the effect of the survey design on their results.

-*a2* is the variable describing sampling regions

-*a6a*: coded using the same standard for small, medium, and large establishments as defined above.

-*a4a*: coded following the stratification by sector as defined above.

The surveys were implemented following a 2 stage procedure. Typically, first a screener questionnaire is applied over the phone to determine eligibility and to make appointments. Then a face-to-face interview takes place with the Manager/Owner/Director of each establishment. However, sometimes the phone numbers were unavailable in the sample frame, and thus the enumerators applied the screeners in person. The variables *a4b* and *a6b* contain the industry and size of the establishment from the screener questionnaire. Variables *a8* to *a11* contain additional information and were also collected in the screening phase.

Note that there are variables for size (*l1*, *l6* and *l8*) that reflect more accurately the reality of each establishment. Advanced users are advised to use these variables for analytical purposes. Variables *l1* (number of permanent full-time workers at the end of the last complete fiscal year), *l6* (number of full-time seasonal workers employed during last complete fiscal year) and *l8* (average length of employment of full-time temporary employees during last complete fiscal year) were designed to obtain a more accurate measure of employment accounting for permanent and temporary employment. Special efforts were made to make sure that this information was not missing for most establishments.

All firms had January 2014 to December 2014 as their last complete fiscal year.

For questions pertaining to monetary amounts, the unit is the New Turkish Lira.

V. Universe Estimates

Universe estimates for the number of establishments in each cell in Turkey R-ES were produced for the strict, weak and median eligibility definitions described below. The estimates were the multiple of the relative eligible proportions.

For some establishments where contact was not successfully completed during the screening process (because the firm has moved and it is not possible to locate the new location, for example), it is not possible to directly determine eligibility. Thus, different assumptions about the eligibility of establishments result in different adjustments to the universe cells and thus different sampling weights.

Three sets of assumptions on establishment eligibility are used to construct sample adjustments using the status code information.

Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility. The resulting weights are included in the variable *wstrict*.

$$\text{Strict eligibility} = (\text{Sum of the firms with codes 1,2,3,4, \&16}) / \text{Total}$$

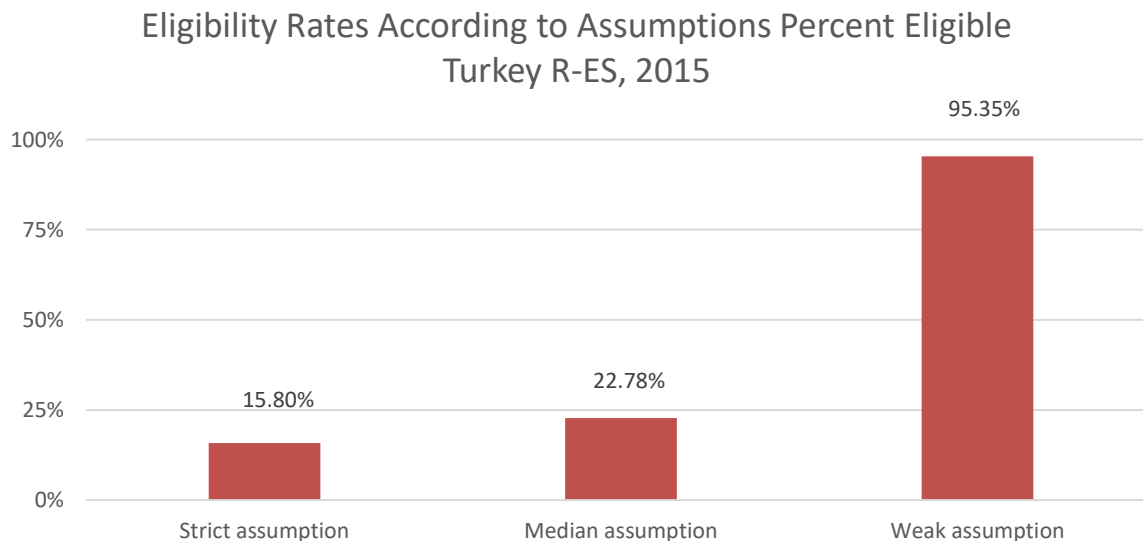
Median assumption: eligible establishments are those for which it was possible to directly determine eligibility and those that rejected the screener questionnaire or an answering machine or fax was the only response. The resulting weights are included in the variable *wmedian*.

$$\text{Median eligibility} = (\text{Sum of the firms with codes } 1, 2, 3, 4, 16, 10, 11, \text{ \& } 13) / \text{Total}$$

Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to contact or that refused the screening questionnaire are assumed eligible. This definition includes as eligible establishments with dead or out of service phone lines, establishments that never answered the phone, and establishments with incorrect addresses for which it was impossible to find a new address. Under the weak assumption only observed non-eligible units are excluded from universe projections. The resulting weights are included in the variable *wweak*.

$$\text{Weak eligibility} = (\text{Sum of the firms with codes, } 1, 2, 3, 4, 16, 10, 11, 13, 91, 92, 93, 94, 12) / \text{Total}$$

The indicators computed for the R-ES regional report use the median weights. The following graph shows the different eligibility rates calculated for firms in the sample frame under each set of assumptions.



Universe estimates for the number of establishments in each industry-region-size cell in Turkey R-ES were produced for the strict, weak and median eligibility definitions. Appendix C shows the universe estimates of the numbers of registered establishments that fit the criteria of the R-ES.

Once an accurate estimate of the universe cell projection was made, weights for the probability of selection were computed using the number of completed interviews for each cell.

VI. Weights

Since the sampling design was stratified and employed differential sampling, individual observations should be properly weighted when making inferences about the population. Under stratified random sampling, unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. With stratification the probability of selection of each unit is, in general, not the same. Consequently, individual observations must be weighted by the inverse of their probability of selection (probability weights or *pw* in Stata.)⁵

Special care was given to the correct computation of the weights. It was imperative to accurately adjust the totals within each region/industry/size stratum to account for the presence of ineligible units (the firm discontinued businesses or was unattainable, education or government establishments, no reply after having called in different days of the week and in different business hours, no tone in the phone line, answering machine, fax line⁶, wrong address or moved away and could not get the new references). The information required for the adjustment was collected in the first stage of the implementation: the screening process. Using this information, each stratum cell of the universe was scaled down by the observed proportion of ineligible units within the cell. Once an accurate estimate of the universe cell (projections) was available, weights were computed using the number of completed interviews.

VII. Appropriate use of the weights

Under stratified random sampling, weights should be used when making inferences about the population. Any estimate or indicator that aims at describing some feature of the population should take into account that individual observations may not represent equal shares of the population.

However, there is some discussion as to the use of weights in regressions (see Deaton, 1997, pp.67; Lohr, 1999, chapter 11, Cochran, 1953, pp.150). There is not strong large-sample econometric argument in favor of using weighted estimation for a common population coefficient if the underlying model varies per stratum (stratum-specific coefficient): both simple OLS and weighted OLS are inconsistent under regular conditions. However, weighted OLS have the advantage of providing an estimate that is independent of the sample design. This latter point may be quite relevant for the ES as in most cases the objective is not only to obtain model-unbiased estimates but also design-unbiased estimates (see also Cochran, 1977, pp 200 who favors the use of weighted OLS for a common population coefficient.)⁷

From a more general approach, if the regressions are descriptive of the population then weights should be used. The estimated model can be thought of as the relationship

⁵ This is equivalent to the weighted average of the estimates for each stratum, with weights equal to the population shares of each stratum.

⁶ For the surveys that implemented a screener over the phone.

⁷ Note that weighted OLS in Stata using the command `regress` with the option of weights will estimate wrong standard errors. Using the Stata survey specific commands `svy` will provide appropriate standard errors.

that would be expected if the whole population were observed.⁸ If the models are developed as structural relationships or behavioral models that may vary for different parts of the population, then, there is no reason to use weights.

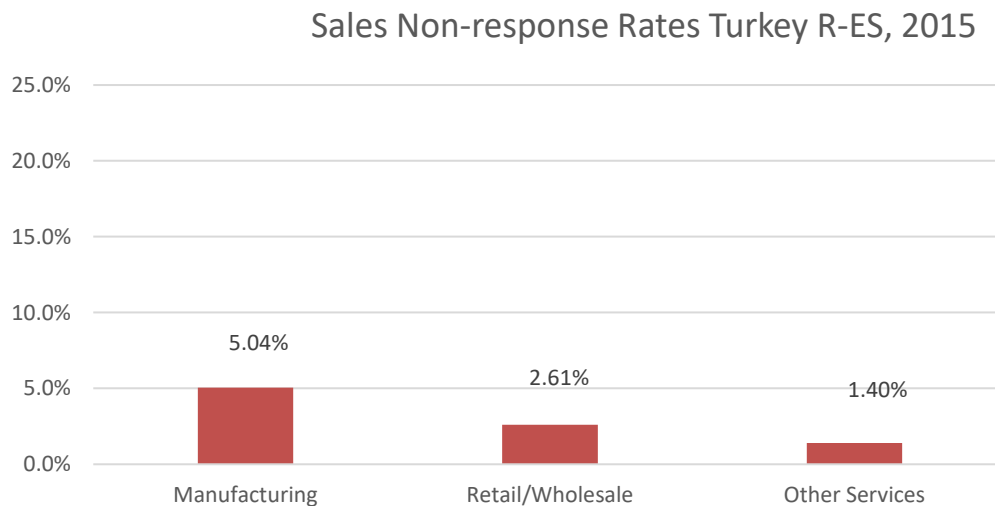
VIII. Non-response

Survey non-response must be differentiated from item non-response. The former refers to refusals to participate in the survey altogether whereas the latter refers to the refusals to answer some specific questions. Enterprise Surveys suffer from both problems and different strategies were used to address these issues.

Item non-response was addressed by two strategies:

a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect the refusal to respond (-8) as a different option from don't know (-9).

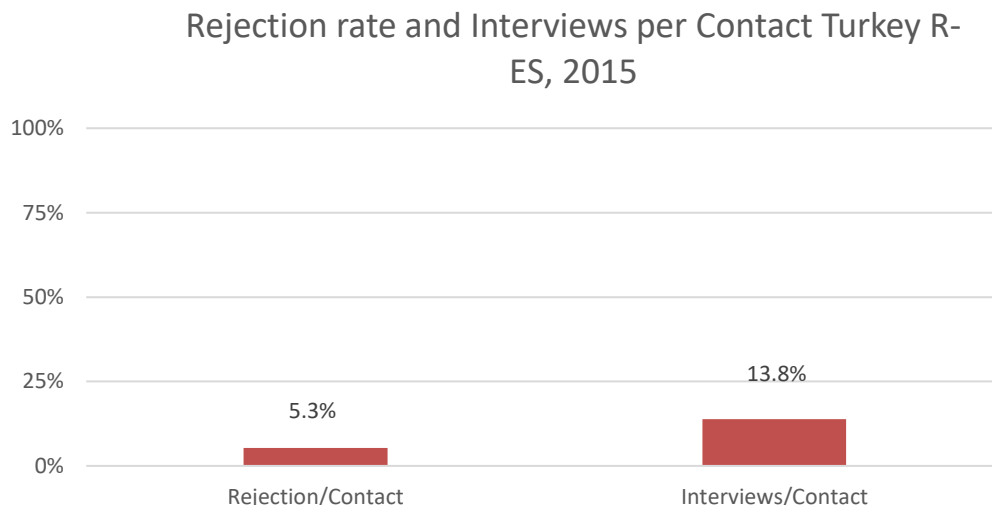
b- Establishments with incomplete information were re-contacted in order to complete this information, whenever necessary. However, there were clear cases of low response. The following graph shows non-response rates for the sales variable, *d2*, by sector. Please, note that for this specific question, refusals were not separately identified from "Don't know" responses.



Survey non-response was addressed by maximizing efforts to contact establishments that were initially selected for interview. Attempts were made to contact the establishment for interview at different times/days of the week before a replacement establishment (with similar strata characteristics) was suggested for interview. Survey non-response did occur but substitutions were made in order to potentially achieve strata-specific goals; whenever this was done, strict rules were followed to ensure replacements were randomly selected within the same stratum. Further research is needed on survey non-response in the Enterprise Surveys regarding potential introduction of bias.

⁸ The use weights in most model-assisted estimations using survey data is strongly recommended by the statisticians specialized on survey methodology of the JPSM of the University of Michigan and the University of Maryland.

As the following graph shows, the number of interviews, per contacted establishments, was 0.14.⁹ This number is the result of two factors: explicit refusals to participate in the survey, as reflected by the rate of rejection (which includes rejections of the screener and the main survey) and the quality of the sample frame, as represented by the presence of ineligible units. The share of rejections per contact was 0.07.



Details on the rejection rate, eligibility rate, and item non-response are available at the level strata. This report summarizes these numbers to alert researchers of these issues when using the data and when making inferences. Item non-response, selection bias, and faulty sampling frames are not unique to Turkey RICA. All enterprise surveys suffer from these shortcomings, but in very few cases they have been made explicit.

References:

- Cochran, William G., *Sampling Techniques*, New York, New York: John Wiley & Sons, 1977.
- Deaton, Angus, *The Analysis of Household Surveys*, Baltimore, Maryland: Johns Hopkins University Press, 1998.
- Levy, Paul S. and Stanley Lemeshow, *Sampling of Populations: Methods and Applications*, New York, New York: John Wiley & Sons, 1999.
- Lohr, Sharon L. *Sampling: Design and Techniques*, Boston, Massachusetts: Brookes/Cole, 1999.
- Scheaffer, Richard L.; Mendenhall, W.; Lyman, R., *Elementary Survey Sampling*, Fifth Edition, 1996.

⁹ The estimate is based on the total no. of firms contacted including ineligible establishments.

Appendix A

Table 1: Turkey R-ES Sample Frame

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Balikesir, TR221	Micro	62	69	65	103	107	266	148	227	1,641
	Small	62	45	65	43	67	26	28	27	
	Medium	20	20	20	20	20	20	20	20	
	Large	16	2	10	15	7	9	5	7	
Bilecik, TR413	Micro	37	38	39	20	28	29	35	36	614
	Small	19	6	20	40	28	29	35	36	
	Medium	5	3	17	20	20	20	10	7	
	Large	2	1	5	20	4	3	1	1	
Bingöl, TRB13	Micro	29	50	20	25	25	30	26	26	486
	Small	20	3	5	21	45	30	21	26	
	Medium	3	1	0	11	20	20	8	9	
	Large	0	0	0	0	11	1	0	0	
Bitlis, TRB23	Micro	49	89	81	46	60	29	38	66	764
	Small	18	4	1	23	80	29	31	26	
	Medium	3	2	4	7	20	20	3	8	
	Large	0	0	0	2	21	2	2	0	
Bolu, TR424	Micro	51	37	44	26	29	27	20	29	649
	Small	30	22	25	46	29	27	20	29	
	Medium	13	4	11	20	20	20	20	20	
	Large	6	3	2	8	2	6	0	3	
Burdur, TR613	Micro	63	39	44	24	29	48	34	27	682
	Small	48	5	33	44	29	28	34	27	
	Medium	13	1	11	20	20	20	11	6	
	Large	1	1	1	13	2	5	1	0	
Bursa, TR411	Micro	66	140	100	180	100	220	180	260	2,200
	Small	86	100	80	80	80	40	20	20	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Çanakkale, TR222	Medium	40	60	40	20	20	20	20	20	
	Large	28	40	40	20	20	20	20	20	
	Micro	48	28	47	46	49	28	29	49	767
	Small	68	4	34	46	49	28	29	29	
	Medium	20	4	7	20	20	20	20	20	
Çankiri, TR822	Large	4	0	0	9	3	5	2	2	
	Micro	37	59	57	30	29	30	28	27	573
	Small	18	1	8	22	49	30	28	27	
	Medium	2	1	7	18	20	20	5	6	
Çorum, TR833	Large	5	2	0	3	3	1	0	0	
	Micro	50	60	52	45	48	67	20	30	876
	Small	70	12	72	25	48	27	20	30	
	Medium	20	12	31	20	20	20	20	18	
Adana, TR621	Large	1	8	6	10	5	6	0	3	
	Micro	65	82	82	140	80	500	202	166	2,023
	Small	65	62	62	60	60	20	22	26	
	Medium	40	40	20	20	20	20	20	20	
Denizli, TR322	Large	11	16	17	20	20	20	17	8	
	Micro	47	120	68	80	82	120	26	106	1,300
	Small	67	80	68	40	42	20	26	26	
	Medium	20	40	20	20	20	20	20	20	
Diyarbakir, TRC22	Large	6	20	4	20	16	20	8	8	
	Micro	108	140	157	136	210	533	313	397	2,956
	Small	81	35	40	96	190	53	53	57	
	Medium	43	17	7	60	60	20	20	20	
Edirne, TR212	Large	1	4	0	9	60	14	15	7	
	Micro	30	34	49	34	29	27	27	30	668
	Small	70	11	16	54	49	27	27	30	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Elazig, TRB12	Medium	20	9	2	11	20	20	7	18	1,092
	Large	1	4	0	1	2	7	0	2	
	Micro	50	49	65	49	60	246	30	109	
	Small	45	6	22	49	60	26	30	29	
Erzincan, TRA12	Medium	20	2	9	20	20	20	20	20	541
	Large	1	0	1	2	20	9	1	2	
	Micro	28	40	40	21	27	29	27	34	
	Small	25	1	4	35	47	29	27	34	
Erzurum, TRA11	Medium	5	0	0	18	20	20	7	11	1,240
	Large	0	0	0	0	7	3	0	2	
	Micro	30	50	48	70	40	344	109	108	
	Small	70	3	12	50	60	24	29	28	
Eskisehir, TR412	Medium	20	1	5	17	20	20	19	20	930
	Large	1	0	0	3	20	12	3	4	
	Micro	57	66	52	20	20	60	47	26	
	Small	76	15	72	40	40	20	27	26	
Gaziantep, TRC11	Medium	24	1	40	20	20	20	20	20	3,121
	Large	3	7	17	20	20	20	6	8	
	Micro	120	240	154	260	160	500	403	386	
	Small	60	100	94	80	80	20	23	26	
Giresun, TR903	Medium	40	60	48	40	20	20	20	20	1,144
	Large	20	40	4	20	20	20	15	8	
	Micro	32	62	65	40	45	168	176	110	
	Small	72	12	16	40	45	28	36	30	
Gümüşhane, TR906	Medium	32	13	9	20	20	20	8	20	500
	Large	4	3	1	0	11	4	1	1	
	Micro	28	40	30	26	32	32	38	28	
	Small	21	2	2	16	52	32	36	28	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Adiyaman, TRC12	Medium	5	0	1	8	15	15	3	5	
	Large	0	0	0	0	2	1	2	0	
	Micro	65	60	49	50	48	226	20	70	1,007
	Small	22	39	16	50	48	26	20	30	
	Medium	10	31	3	20	20	20	20	18	
Hakkari, TRB24	Large	0	10	0	1	5	8	0	2	
	Micro	29	42	44	29	30	22	37	38	434
	Small	6	3	0	20	30	22	14	15	
	Medium	2	1	0	2	20	17	3	2	
	Large	0	0	0	0	1	0	3	2	
Hatay, TR631	Micro	117	104	107	180	120	504	505	328	2,613
	Small	77	34	67	60	80	24	25	28	
	Medium	26	10	36	20	20	20	20	20	
	Large	1	2	11	20	20	12	11	4	
	Micro	43	71	35	29	29	49	30	32	766
Isparta, TR612	Small	53	15	21	49	49	29	30	32	
	Medium	15	11	9	40	20	20	18	15	
	Large	0	8	2	2	3	3	2	2	
	Micro	67	60	64	100	100	460	240	224	1,961
	Small	67	60	64	40	60	20	20	24	
Mersin, TR622	Medium	20	20	20	20	20	20	20	20	
	Large	6	20	12	20	20	20	20	13	
	Micro	330	980	877	1,280	1,160	1,500	1,500	1,500	19,200
	Small	1,710	520	657	460	540	740	300	400	
	Medium	220	520	600	420	440	140	340	320	
Izmir, TR310	Large	140	380	266	240	260	20	260	180	
	Micro	60	120	120	260	220	340	340	500	3,000
	Small	80	80	80	100	100	40	20	20	
	Medium	60	60	40	40	40	20	20	20	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kars, TRA22	Large	40	40	40	20	20	20	20	20	621
	Micro	49	59	78	38	28	20	26	67	
	Small	32	0	4	22	48	20	26	38	
	Medium	2	0	1	4	20	20	8	6	
Kastamonu, TR821	Large	0	0	0	1	4	0	0	0	921
	Micro	64	68	48	64	45	149	23	66	
	Small	61	4	13	44	45	29	23	26	
	Medium	12	17	4	20	20	20	14	8	
Kayseri, TR721	Large	1	7	0	13	11	2	0	0	1,203
	Micro	45	43	65	100	60	120	46	46	
	Small	65	63	65	60	60	20	26	26	
	Medium	20	20	40	20	20	20	20	20	
Kirklareli, TR213	Large	10	15	11	20	20	20	8	9	690
	Micro	28	24	28	24	30	28	35	33	
	Small	68	14	24	44	50	28	35	33	
	Medium	20	13	4	20	20	20	8	12	
Afyonkarahisar, TR332	Large	4	20	0	13	1	5	2	2	808
	Micro	48	55	52	41	46	24	31	27	
	Small	68	16	34	41	46	24	31	27	
	Medium	20	8	15	20	20	20	16	20	
Kirsehir, TR715	Large	5	3	2	19	8	12	3	6	612
	Micro	45	58	58	31	29	29	28	36	
	Small	25	2	8	27	49	29	28	36	
	Medium	8	4	2	15	20	20	5	7	
Kocaeli, TR421	Large	2	1	2	3	2	2	0	1	1,383
	Micro	55	56	40	80	60	120	60	102	
	Small	95	76	80	60	60	20	20	22	
	Medium	40	40	40	20	20	20	20	20	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Konya, TR521	Large	11	9	40	20	20	20	20	17	2,381
	Micro	60	89	160	180	120	500	364	188	
	Small	60	69	80	60	60	20	24	28	
	Medium	40	20	40	20	20	20	20	20	
Kütahya, TR333	Large	20	2	20	20	20	20	12	5	795
	Micro	49	48	55	42	25	27	27	29	
	Small	69	22	31	42	45	27	27	29	
	Medium	20	20	10	20	20	20	20	20	
Malatya, TRB11	Large	3	4	1	16	11	7	6	3	1,727
	Micro	69	85	83	88	120	426	152	129	
	Small	69	55	38	48	40	26	32	29	
	Medium	36	37	12	20	20	20	16	20	
Manisa, TR331	Large	6	13	2	5	20	8	1	2	1,716
	Micro	62	69	60	100	107	362	148	189	
	Small	62	61	60	40	67	22	28	29	
	Medium	20	20	20	20	20	20	20	20	
Kahramanmaras, TR632	Large	17	2	20	20	7	16	5	3	2,167
	Micro	71	80	115	125	80	502	268	148	
	Small	71	64	95	65	60	22	28	28	
	Medium	36	60	40	20	20	20	20	20	
Mardin, TRC31	Large	3	40	10	10	20	17	5	4	1,162
	Micro	100	114	110	83	45	90	49	120	
	Small	28	12	11	74	65	30	29	40	
	Medium	19	11	1	30	20	20	20	20	
Mugla, TR323	Large	1	1	0	5	11	1	2	0	1,575
	Micro	47	48	44	85	121	185	268	240	
	Small	67	18	64	45	61	25	28	20	
	Medium	20	4	13	20	20	20	20	20	
	Large	7	0	0	11	19	11	4	20	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Mus, TRB22	Micro	67	81	109	43	37	30	35	57	758
	Small	19	2	9	30	57	30	35	25	
	Medium	5	3	2	13	20	20	10	5	
	Large	1	1	0	2	6	1	1	2	
Agri, TRA21	Micro	50	76	85	46	37	20	20	85	674
	Small	21	4	2	16	57	20	20	26	
	Medium	1	2	1	8	20	20	20	10	
	Large	0	0	0	1	6	0	0	0	
Nevsehir, TR714	Micro	43	57	65	48	20	107	30	48	833
	Small	60	6	28	48	40	27	30	28	
	Medium	13	3	9	20	20	20	20	20	
	Large	1	3	2	4	0	7	1	5	
Nigde, TR713	Micro	37	64	58	28	47	87	26	52	766
	Small	35	5	21	48	47	27	26	32	
	Medium	7	4	4	20	20	20	8	16	
	Large	0	8	1	5	6	6	0	1	
Ordu, TR902	Micro	46	83	49	109	61	449	290	169	1,778
	Small	66	17	29	49	61	29	30	29	
	Medium	39	22	2	20	20	20	20	20	
	Large	9	12	0	3	18	3	1	3	
Rize, TR904	Micro	32	40	58	51	47	88	169	50	968
	Small	72	3	18	51	47	28	29	30	
	Medium	31	0	4	18	20	20	20	20	
	Large	6	0	1	1	7	4	2	1	
Sakarya, TR422	Micro	57	48	51	40	24	81	50	68	1,123
	Small	97	67	71	40	44	21	30	28	
	Medium	38	40	40	20	20	20	20	20	
	Large	8	5	18	20	12	19	1	5	
Samsun, TR831	Micro	47	68	52	101	81	140	167	67	1,345

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Siirt, TRC34	Small	67	48	72	41	61	20	27	27	650
	Medium	20	20	32	20	20	20	20	20	
	Large	6	5	5	18	19	20	7	7	
	Micro	49	63	79	47	36	30	24	55	
	Small	12	3	4	23	56	30	24	33	
Sinop, TR823	Medium	3	1	1	5	20	20	12	8	626
	Large	0	0	0	1	8	1	0	2	
	Micro	37	73	48	20	29	29	29	28	
	Small	39	7	15	40	49	29	29	28	
	Medium	6	8	4	20	20	20	3	5	
Sivas, TR722	Large	0	6	0	0	3	2	0	0	874
	Micro	62	53	54	46	47	67	30	50	
	Small	73	8	35	46	47	27	30	30	
	Medium	17	11	10	20	20	20	20	20	
	Large	0	4	2	9	7	7	1	1	
Tekirdag, TR211	Micro	49	40	43	60	104	23	69	88	1,102
	Small	69	60	63	40	64	23	29	28	
	Medium	20	20	20	20	20	20	20	20	
	Large	2	20	14	20	12	15	2	5	
	Micro	42	46	37	25	28	67	40	31	
Amasya, TR834	Small	47	6	15	45	28	27	20	31	687
	Medium	14	8	5	20	20	20	20	17	
	Large	3	1	2	11	4	6	0	1	
	Micro	53	48	49	29	27	47	32	30	
	Small	53	12	25	49	27	27	32	30	
Tokat, TR832	Medium	12	20	3	20	20	20	14	20	724
	Large	2	5	0	3	6	6	2	1	
	Micro	48	106	80	108	100	502	309	226	
	Small	68	21	49	68	80	22	29	26	
Trabzon, TR901										2,090

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Tunceli, TRB14	Medium	40	8	20	20	40	20	20	20	
	Large	5	1	1	5	20	16	3	9	
	Micro	30	18	18	28	30	25	29	29	390
	Small	13	0	0	9	50	25	19	25	
	Medium	1	0	0	4	20	10	3	3	
Sanliurfa, TRC21	Large	0	0	0	0	1	0	0	0	
	Micro	148	174	188	181	169	531	532	308	3,056
	Small	72	41	28	101	129	51	52	48	
	Medium	24	47	4	49	40	20	20	20	
	Large	1	6	0	9	23	19	17	4	
Usak, TR334	Micro	32	60	28	26	29	27	34	29	784
	Small	44	60	35	46	49	27	34	29	
	Medium	14	40	4	20	20	20	11	20	
	Large	3	20	0	9	3	7	2	2	
	Micro	87	110	129	94	80	198	509	189	1,901
Van, TRB21	Small	48	1	20	66	80	38	29	49	
	Medium	25	1	3	29	20	20	20	20	
	Large	1	0	0	4	20	5	3	3	
	Micro	56	33	57	28	28	128	65	76	805
	Small	35	3	10	48	28	28	25	36	
Yozgat, TR723	Medium	7	9	5	20	20	20	11	7	
	Large	2	5	2	4	4	4	0	1	
	Micro	33	59	38	43	27	107	49	47	895
	Small	73	16	54	23	47	27	29	27	
	Medium	13	16	23	20	20	20	20	20	
Zonguldak, TR811	Large	1	7	1	14	6	7	2	6	
	Micro	39	57	56	20	49	147	20	41	843
	Small	59	9	24	40	49	27	20	21	
Aksaray, TR712										

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Bayburt, TRA13	Medium	21	4	22	20	20	20	20	18	374
	Large	1	2	7	0	3	7	0	0	
	Micro	29	20	20	39	35	26	27	29	
	Small	8	2	2	10	45	26	9	15	
Ankara, TR510	Medium	3	0	0	2	9	8	6	2	3,160
	Large	0	0	0	1	1	0	0	0	
	Micro	62	109	100	280	300	320	500	320	
	Small	82	89	100	100	200	40	20	20	
Karaman, TR522	Medium	60	40	40	40	80	20	20	20	603
	Large	36	22	40	20	20	20	20	20	
	Micro	27	29	46	29	29	28	36	25	
	Small	34	6	25	43	29	28	36	25	
Kirikkale, TR711	Medium	18	3	9	20	20	20	8	11	587
	Large	9	0	0	3	2	4	1	0	
	Micro	28	49	57	34	29	29	24	26	
	Small	25	2	17	43	49	29	24	26	
Batman, TRC32	Medium	5	3	7	11	20	20	13	9	1,111
	Large	0	0	0	2	3	3	0	0	
	Micro	64	129	116	58	68	37	29	89	
	Small	19	19	13	62	88	37	29	49	
Sirnak, TRC33	Medium	13	19	8	44	20	20	20	20	592
	Large	0	3	0	1	25	7	2	3	
	Micro	29	57	79	45	38	38	29	28	
	Small	6	3	3	22	37	38	29	18	
Bartın, TR813	Medium	2	1	1	10	20	20	20	5	658
	Large	0	0	1	1	5	5	2	0	
	Micro	25	38	27	27	28	108	46	43	
	Small	26	6	12	27	28	28	26	23	
	Medium	11	11	7	20	20	20	9	14	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Ardahan, TRA24	Large	0	13	0	7	4	4	0	0	333
	Micro	29	16	30	20	25	25	29	30	
	Small	21	0	0	10	14	25	13	20	
	Medium	3	0	0	0	10	10	2	1	
Igdir, TRA23	Large	0	0	0	0	0	0	0	0	552
	Micro	29	56	69	38	30	30	28	49	
	Small	10	1	2	16	29	30	28	32	
	Medium	2	0	0	4	20	20	20	2	
Yalova, TR425	Large	0	0	0	1	1	1	4	0	694
	Micro	36	43	38	27	28	28	38	29	
	Small	33	19	34	47	48	28	38	29	
	Medium	9	11	21	20	20	20	4	20	
Karabük, TR812	Large	0	4	4	6	4	5	1	2	781
	Micro	37	33	36	26	28	110	93	61	
	Small	41	10	13	26	48	30	33	21	
	Medium	5	9	5	20	20	20	14	19	
Kilis, TRC13	Large	1	5	3	8	4	1	1	0	472
	Micro	28	49	40	38	30	24	30	30	
	Small	11	4	3	15	36	24	30	15	
	Medium	4	2	0	3	19	13	20	1	
Antalya, TR611	Large	0	0	0	1	1	0	1	0	2,159
	Micro	54	88	65	120	180	240	384	260	
	Small	94	84	65	60	80	20	24	20	
	Medium	40	19	40	20	20	20	20	20	
Osmaniye, TR633	Large	13	5	11	20	20	20	13	20	1,058
	Micro	53	64	61	46	28	266	31	70	
	Small	55	5	34	46	48	26	31	30	
	Medium	15	8	15	20	20	20	18	19	
	Large	0	4	3	8	4	8	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Düzce, TR423	Micro	62	55	46	22	28	48	20	29	877
	Small	72	56	47	42	48	28	20	29	
	Medium	16	40	22	20	20	20	20	20	
	Large	1	11	6	17	4	5	0	3	
Artvin, TR905	Micro	28	40	20	38	28	20	20	27	473
	Small	26	0	4	26	48	20	20	27	
	Medium	5	0	0	3	20	20	20	7	
	Large	0	0	0	1	5	0	0	0	
Aydin, TR321	Micro	46	51	63	84	104	206	69	160	1,373
	Small	66	40	63	44	64	26	29	20	
	Medium	20	13	20	20	20	20	20	20	
	Large	9	6	14	13	13	8	2	20	
		12,302	11,345	11,679	13,520	14,375	18,816	14,778	14,223	111,038

Source: TurkStat (Türkiye İstatistik Kurumu or TÜİK)

Table 2 : Achieved Interviews

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Balikesir, TR221	Micro	2	9	3	5	5	12	2	11	79
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	0	1	1	0	1	0	1	
Bilecik, TR413	Micro	1	1	1	1	1	1	1	1	39
	Small	3	2	3	2	1	1	1	1	
	Medium	2	2	2	1	1	1	2	2	
	Large	0	0	1	1	1	1	0	0	
Bingöl, TRB13	Micro	2	2	1	1	1	1	1	1	31
	Small	3	1	1	2	2	1	1	1	
	Medium	1	1	0	1	1	1	1	1	
	Large	0	0	0	0	1	1	0	0	
Bitlis, TRB23	Micro	2	4	5	1	1	1	1	3	48
	Small	4	1	1	3	2	1	1	2	
	Medium	1	1	1	2	1	1	1	1	
	Large	0	0	0	1	3	1	1	0	
Bolu, TR424	Micro	1	1	1	1	1	1	1	1	41
	Small	3	4	3	2	1	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
	Large	2	0	1	1	1	1	0	1	
Burdur, TR613	Micro	2	1	1	1	1	2	1	1	44
	Small	3	1	4	4	1	1	1	1	
	Medium	3	1	3	1	2	1	2	1	
	Large	0	1	1	1	0	1	0	0	
Bursa, TR411	Micro	3	7	5	9	5	11	9	13	112
	Small	4	5	5	4	4	2	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Çanakkale, TR222	Medium	2	3	3	1	1	1	1	1	36
	Large	2	2	2	1	1	1	1	1	
	Micro	1	1	2	1	2	1	1	2	
	Small	3	1	3	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	2	
Çankiri, TR822	Large	0	0	0	1	1	0	1	1	37
	Micro	1	3	2	1	1	1	1	1	
	Small	3	1	2	2	2	1	1	1	
	Medium	1	0	2	2	1	1	2	1	
	Large	1	0	0	0	1	1	0	0	
Çorum, TR833	Micro	2	10	2	2	2	3	1	1	57
	Small	3	2	3	1	2	1	1	1	
	Medium	1	2	2	1	1	1	1	4	
	Large	1	1	1	1	1	1	0	1	
	Micro	3	4	3	7	1	21	2	6	
Adana, TR621	Small	3	3	2	2	3	1	1	1	74
	Medium	2	1	0	1	1	1	0	1	
	Large	0	1	0	1	0	0	1	1	
	Micro	2	20	3	4	4	6	1	4	
	Small	3	13	1	2	1	1	1	1	
Denizli, TR322	Medium	1	2	1	1	1	1	1	1	83
	Large	1	1	0	1	1	1	1	1	
	Micro	4	5	7	6	5	25	14	20	
	Small	5	7	8	4	4	1	1	2	
	Medium	5	4	2	3	3	1	1	1	
Diyarbakir, TRC22	Large	1	1	0	2	14	4	4	2	166
	Micro	1	1	2	1	1	1	1	1	
	Small	3	1	3	2	2	1	1	2	
	Medium	2	0	1	1	2	1	1	0	
	Large	1	1	0	2	14	4	4	2	
Edirne, TR212	Micro	1	1	2	1	1	1	1	1	34
	Small	3	1	3	2	2	1	1	2	
	Medium	2	0	1	1	2	1	1	0	
	Large	1	1	0	2	14	4	4	2	
	Micro	1	1	2	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Elazig, TRB12	Large	0	0	0	0	1	0	0	1	70
	Micro	2	3	2	2	3	12	1	5	
	Small	3	2	3	2	3	2	1	1	
	Medium	2	1	2	2	1	1	2	2	
Erzincan, TRA12	Large	1	0	1	1	3	2	1	1	30
	Micro	1	2	2	1	1	1	1	1	
	Small	2	1	1	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	1	
Erzurum, TRA11	Large	0	0	0	0	1	1	0	1	65
	Micro	1	2	2	3	2	16	3	5	
	Small	3	1	3	1	3	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
Eskisehir, TR412	Large	0	0	0	0	5	3	0	0	51
	Micro	2	2	2	1	1	3	2	1	
	Small	4	3	3	2	2	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
Gaziantep, TRC11	Large	1	2	2	1	1	1	1	1	157
	Micro	4	12	8	12	5	24	19	15	
	Small	3	6	3	1	4	1	2	2	
	Medium	2	1	3	2	2	1	2	2	
Giresun, TR903	Large	4	4	0	3	2	2	4	2	64
	Micro	1	2	2	2	2	8	8	5	
	Small	3	3	3	2	3	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Gümüşhane, TR906	Large	1	1	0	0	1	1	1	1	30
	Micro	1	2	1	1	1	1	1	1	
	Small	3	0	0	2	2	3	1	1	
	Medium	1	0	1	1	1	1	1	1	
	Large	0	0	0	0	1	0	1	0	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Adiyaman, TRC12	Micro	3	2	2	3	4	13	2	3	70
	Small	2	4	2	2	2	1	1	1	
	Medium	2	3	1	1	1	1	2	2	
	Large	0	4	0	1	1	3	0	1	
Hakkari, TRB24	Micro	1	4	2	1	1	1	1	1	30
	Small	2	1	0	3	1	1	1	1	
	Medium	1	1	0	1	1	1	1	1	
	Large	0	0	0	0	0	0	0	1	
Hatay, TR631	Micro	4	4	4	9	6	25	25	16	144
	Small	3	4	4	3	4	1	1	1	
	Medium	2	2	2	2	1	1	1	1	
	Large	1	0	4	4	4	1	3	1	
Isparta, TR612	Micro	1	2	1	1	1	2	1	1	47
	Small	4	3	3	2	2	1	1	1	
	Medium	3	2	1	2	1	1	1	1	
	Large	0	2	1	1	1	1	1	1	
Mersin, TR622	Micro	3	3	2	4	4	23	7	8	83
	Small	2	3	2	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	0	1	1	1	1	1	
Istanbul, TR100	Micro	6	49	38	64	58	73	73	75	952
	Small	75	26	27	23	27	37	15	20	
	Medium	11	26	30	21	22	7	17	12	
	Large	28	19	25	12	13	1	13	9	
Izmir, TR310	Micro	3	6	6	13	11	18	17	23	149
	Small	4	4	4	5	5	2	1	1	
	Medium	3	3	2	2	2	1	1	1	
	Large	2	2	2	1	1	1	1	1	
Kars, TRA22	Micro	2	4	4	1	1	1	1	3	40

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kastamonu, TR821	Small	5	0	1	3	2	1	1	2	54
	Medium	1	0	0	1	1	1	1	1	
	Large	0	0	0	1	1	0	0	0	
	Micro	2	2	2	3	2	7	1	3	
	Small	3	1	3	2	1	1	2	1	
Kayseri, TR721	Medium	2	1	1	1	1	1	1	1	58
	Large	1	1	0	4	1	2	0	0	
	Micro	2	2	3	5	3	6	1	2	
	Small	3	3	2	3	3	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
Kirklareli, TR213	Large	1	1	1	1	1	1	1	1	33
	Micro	2	1	2	1	1	1	1	1	
	Small	3	3	3	4	2	1	1	1	
	Medium	1	0	1	0	1	1	0	1	
	Large	0	0	0	0	0	0	0	0	
Afyonkarahisar, TR332	Micro	2	2	2	2	2	2	1	1	49
	Small	3	4	3	2	2	1	1	1	
	Medium	1	1	1	1	1	1	2	1	
	Large	1	2	1	1	1	1	1	1	
	Micro	1	2	2	1	1	1	1	1	
Kirsehir, TR715	Small	3	1	2	2	2	1	1	1	34
	Medium	2	0	0	0	1	1	1	1	
	Large	1	0	1	0	1	1	0	1	
	Micro	2	2	2	4	2	6	3	5	
	Small	4	3	4	3	3	1	0	1	
Kocaeli, TR421	Medium	2	2	2	1	1	1	1	1	67
	Large	2	2	2	1	1	1	1	1	
	Micro	3	14	8	9	6	25	18	9	
	Small	3	3	4	3	3	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Konya, TR521	Large	2	2	2	1	1	1	1	1	125
	Micro	3	14	8	9	6	25	18	9	
	Small	3	3	4	3	3	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
	Large	2	2	2	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kütahya, TR333	Medium	1	1	2	1	1	1	1	1	56
	Large	1	0	1	1	1	1	0	0	
	Micro	2	8	9	2	1	1	1	1	
	Small	3	3	2	2	2	1	1	1	
Malatya, TRB11	Medium	1	1	1	1	1	1	1	1	102
	Large	1	1	1	1	1	1	1	1	
	Micro	3	3	3	4	6	22	7	6	
	Small	3	4	4	2	3	1	1	1	
Manisa, TR331	Medium	3	3	2	3	1	1	1	1	90
	Large	1	3	1	1	3	3	1	1	
	Micro	11	3	3	5	4	18	7	9	
	Small	3	3	3	2	2	1	1	1	
Kahramanmaras, TR632	Medium	1	1	1	1	1	1	1	1	97
	Large	1	0	1	1	1	1	0	1	
	Micro	2	3	5	6	1	25	11	4	
	Small	2	3	4	2	1	1	1	1	
Mardin, TRC31	Medium	2	3	2	1	1	1	3	2	92
	Large	0	4	0	0	2	3	1	0	
	Micro	3	5	6	3	1	10	3	6	
	Small	4	3	3	4	2	2	2	3	
Mugla, TR323	Medium	7	4	1	4	2	1	1	1	80
	Large	1	1	0	2	5	1	1	0	
	Micro	2	2	2	4	6	9	13	11	
	Small	3	3	3	2	3	1	1	1	
Mus, TRB22	Medium	1	1	1	1	1	1	1	1	46
	Large	1	0	0	1	1	1	1	1	
	Micro	2	4	5	1	0	1	1	2	
	Small	4	0	2	3	2	1	1	2	
	Medium	2	1	1	2	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Agri, TRA21	Large	1	0	0	1	2	0	0	1	47
	Micro	2	5	4	1	1	2	1	4	
	Small	5	1	1	3	2	1	1	2	
	Medium	1	1	1	2	1	1	1	1	
Nevsehir, TR714	Large	0	0	0	0	2	0	0	0	47
	Micro	1	2	2	2	1	5	1	2	
	Small	3	2	3	1	2	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
Nigde, TR713	Large	1	1	1	1	0	1	1	1	30
	Micro	1	2	1	1	1	2	1	1	
	Small	2	0	2	1	1	1	1	1	
	Medium	0	0	1	3	2	3	0	2	
Ordu, TR902	Large	0	0	0	0	0	0	0	0	96
	Micro	2	3	2	5	3	23	14	8	
	Small	3	3	4	2	3	1	2	1	
	Medium	2	3	1	1	1	1	1	1	
Rize, TR904	Large	0	1	0	0	4	0	0	1	52
	Micro	1	2	2	2	2	4	8	2	
	Small	3	1	3	2	2	1	1	1	
	Medium	2	0	1	1	1	1	1	1	
Sakarya, TR422	Large	1	0	1	1	1	1	1	1	56
	Micro	2	2	2	2	1	4	2	3	
	Small	4	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Samsun, TR831	Large	2	1	2	1	1	1	1	1	66
	Micro	2	3	2	5	4	7	8	3	
	Small	2	2	3	2	3	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Siirt, TRC34	Micro	2	4	10	2	1	1	1	3	53
	Small	3	1	1	3	2	1	1	2	
	Medium	1	1	1	2	2	1	1	1	
	Large	0	0	0	1	2	1	0	1	
Sinop, TR823	Micro	1	2	2	1	1	1	1	1	36
	Small	3	2	3	2	2	1	1	1	
	Medium	2	2	1	1	1	1	1	1	
	Large	0	1	0	0	0	0	0	0	
Sivas, TR722	Micro	1	1	1	1	1	3	1	2	36
	Small	2	1	2	1	2	1	1	1	
	Medium	4	1	1	1	1	1	1	1	
	Large	0	0	1	1	0	1	0	0	
Tekirdag, TR211	Micro	2	2	2	3	5	2	4	4	53
	Small	3	3	4	2	3	1	1	1	
	Medium	1	1	0	1	1	2	0	1	
	Large	0	1	1	1	1	0	0	0	
Amasya, TR834	Micro	1	1	1	1	1	3	2	1	38
	Small	3	2	2	2	1	1	1	1	
	Medium	2	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	0	1	
Tokat, TR832	Micro	9	7	2	1	1	2	1	1	50
	Small	2	3	2	2	1	1	1	1	
	Medium	1	1	1	1	1	2	1	1	
	Large	0	1	0	1	1	0	1	0	
Trabzon, TR901	Micro	2	4	3	5	5	25	15	12	118
	Small	3	4	4	3	3	2	1	1	
	Medium	2	2	2	1	2	1	1	1	
	Large	1	0	1	1	4	4	1	2	
Tunceli, TRB14	Micro	1	2	2	1	1	1	1	1	29

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Sanliurfa, TRC21	Small	3	0	0	2	3	1	1	1	170
	Medium	1	0	0	1	1	2	1	1	
	Large	0	0	0	0	1	0	0	0	
	Micro	6	6	9	8	6	25	25	15	
	Small	5	7	7	4	4	1	1	2	
Usak, TR334	Medium	3	6	1	3	2	1	1	1	49
	Large	1	2	0	3	6	4	4	1	
	Micro	1	10	1	1	1	1	1	1	
	Small	3	3	3	2	2	1	1	1	
	Medium	1	2	1	1	1	1	1	2	
Van, TRB21	Large	1	1	0	1	1	1	1	0	116
	Micro	3	5	6	4	2	14	25	9	
	Small	5	1	5	4	2	1	1	4	
	Medium	3	1	1	2	2	2	1	1	
	Large	1	0	0	1	5	2	2	1	
Yozgat, TR723	Micro	10	1	10	1	1	6	3	3	61
	Small	3	1	2	2	1	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	0	1	1	1	0	1	
	Micro	1	2	1	2	1	5	2	1	
Zonguldak, TR811	Small	3	2	2	1	2	1	1	1	41
	Medium	1	1	1	1	1	1	1	1	
	Large	0	1	0	1	1	1	0	1	
	Micro	1	2	2	1	2	6	1	2	
	Small	3	1	3	2	2	1	1	1	
Aksaray, TR712	Medium	2	1	2	1	1	1	1	1	46
	Large	1	1	1	0	1	1	0	0	
	Micro	1	2	2	1	2	6	1	2	
	Small	3	1	3	2	2	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
Bayburt, TRA13	Large	1	1	1	0	1	1	0	0	30
	Micro	1	1	1	1	1	3	2	1	
	Small	2	0	1	2	2	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Ankara, TR510	Medium	1	0	0	1	1	2	1	1	161
	Large	0	0	0	1	1	0	0	0	
	Micro	3	6	5	14	15	16	24	16	
	Small	5	4	5	5	10	3	1	1	
	Medium	3	2	2	2	4	1	1	1	
Karaman, TR522	Large	3	2	2	1	1	1	1	1	36
	Micro	1	1	1	1	1	1	1	1	
	Small	3	2	1	2	2	1	1	1	
	Medium	3	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	1	0	
Kirikkale, TR711	Micro	1	2	2	1	1	1	1	1	34
	Small	3	1	3	2	2	1	1	1	
	Medium	1	0	2	1	1	1	1	1	
	Large	0	0	0	1	0	1	0	0	
	Micro	3	4	5	2	1	2	2	4	
Batman, TRC32	Small	4	5	3	4	2	2	2	2	77
	Medium	3	5	2	3	1	1	1	1	
	Large	0	1	0	1	6	2	1	2	
	Micro	0	0	0	0	1	0	0	0	
	Small	0	0	0	1	0	0	0	0	
Sirnak, TRC33	Medium	0	0	0	0	0	1	0	0	4
	Large	0	0	0	0	0	0	1	0	
	Micro	1	1	1	1	1	3	1	2	
	Small	2	2	2	1	1	1	1	1	
	Medium	1	2	1	1	1	1	1	1	
Bartın, TR813	Large	0	1	0	1	1	1	0	0	35
	Micro	1	3	4	1	1	1	0	1	
	Small	5	0	0	3	1	1	1	2	
	Medium	0	0	0	0	1	1	1	1	
	Large	0	0	0	0	0	0	0	0	
Ardahan, TRA24	Micro	1	3	4	1	1	1	0	1	29
	Small	5	0	0	3	1	1	1	2	
	Medium	0	0	0	0	1	1	1	1	
	Large	0	0	0	0	0	0	0	0	
	Micro	1	3	4	1	1	1	0	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Igdir, TRA23	Large	0	0	0	0	0	0	0	0	
	Micro	1	4	5	1	1	1	1	2	39
	Small	3	1	1	3	1	1	1	2	
	Medium	1	0	0	1	1	1	1	1	
Yalova, TR425	Large	0	0	0	1	1	1	1	0	
	Micro	1	1	1	1	1	1	1	1	43
	Small	4	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Karabük, TR812	Large	0	1	1	1	1	1	1	1	
	Micro	1	1	1	1	1	5	4	2	41
	Small	2	2	3	1	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
Kilis, TRC13	Large	0	1	1	1	1	0	0	0	
	Micro	0	1	2	0	0	1	0	1	14
	Small	1	0	1	1	2	1	1	1	
	Medium	0	0	0	0	0	1	0	0	
Antalya, TR611	Large	0	0	0	0	0	0	0	0	
	Micro	5	3	3	8	9	12	17	13	114
	Small	5	4	3	3	4	1	1	1	
	Medium	3	3	2	1	1	1	1	1	
Osmaniye, TR633	Large	2	1	1	1	1	1	1	1	
	Micro	2	2	2	2	1	13	1	3	58
	Small	3	1	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Düzce, TR423	Large	0	1	1	1	1	1	1	1	
	Micro	2	2	1	1	1	2	1	1	48
	Small	4	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
	Large	1	2	2	1	1	1	0	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Artvin, TR905	Micro	1	3	1	2	1	1	1	1	30
	Small	2	0	1	2	2	1	1	1	
	Medium	1	0	0	1	3	1	1	1	
	Large	0	0	0	0	1	0	0	0	
Aydin, TR321	Micro	2	2	12	4	5	10	3	7	77
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	0	1	
		732	757	720	712	714	959	709	703	6,006

Appendix B

Status Codes Enterprise Survey (ES):

936	Screening in process	14. In process (the establishment is being called/ is being contacted - previous to ask the screener)	936
6769	Eligible	1. Eligible establishment (Correct name and address)	6512
		2. Eligible establishment (Different name but same address - the new firm/establishment bought the original firm/establishment)	46
		3. Eligible establishment (Different name but same address - the firm/establishment changed its name)	28
		4. Eligible establishment (Moved and traced)	183
		16. Eligible establishment (Panel Firm - now less than five employees; this code applies only to panel firms.)	0
1900	Screener refusal	13. Refuses to answer the screener	1900
533	Ineligible	5. The establishment has less than 5 permanent full time employees	0
		616. The firm discontinued businesses - (Establishment went bankrupt)	129
		617.	0
		618. The firm discontinued businesses - (Original establishment disappeared and is now a different firm)	90
		619. The firm discontinued businesses - (Establishment was bought out by another firm)	41
		620. The firm discontinued businesses - (It was impossible to determine for what reason)	77
		621. The firm discontinued businesses - (Other)	112
		7. Not a business: Private household	0
		8. Ineligible activity: Education, Agriculture, Finances, Government, etc.	84

522	Out of target	151. Out of target - outside the covered regions	251
		152. Out of target - moved abroad	11
		153. Out of target - Not registered with Statistical Authority	2
		154. Out of target - establishment is HQ without production or sales of goods or services	204
		155. Out of target - establishment was not in operation for the entirety of last fiscal year	44
		156. Duplicated firm within the sample	10
32170	Unobtainable	91. No reply after having called in different days of the week and in different business hours	10959
		92. Line out of order	3130
		93. No tone	5121
		94. Phone number does not exist	11211
		10. Answering machine	73
		11. Fax line- data line	1013
		12. Wrong address/ moved away and could not get the new references	663

42830	Total contacted
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Response Outcomes : Turkey RICA ES 2015:

Target and totals	Sample target	6000
	Sample target completion rate	100.1%
	Total contacts available in frame	111038
	Total contacts issued	47134
	Total contacts contacted	43421

Screening phase	Screening in process	936
	Eligibles	6769
	Screeners refusal	1900
	Ineligible + out of target	1646
	Unobtainable	32170
Interview phase (only if eligible)	Complete interviews without extra module	6006
	Complete interviews with extra module	0
	Eligible in process + incomplete interviews	0
	Interview refusal	401

Percent breakdown (relative to total contacted)	Screening in process rate	2.2%
	Screeners refusal rate	4.4%
	Ineligible + out of target rate	3.8%
	Unobtainable rate	74.1%
	Interview conversion rate	13.8%
	Eligible in process + incomplete interviews rate	0.0%
	Interview refusal rate	0.9%

Appendix C: Universe Estimate Based on Sampling Weights

Strict Universe Estimates – Fresh:

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Balikesir, TR221	Micro	96	89	106	292	293	2,132	796	939	5,346
	Small	37	7	15	43	98	173	37	65	
	Medium	11	9	7	15	28	31	7	10	
	Large	3	0	2	3	0	1	0	1	
Bilecik, TR413	Micro	23	14	14	55	51	415	251	179	1,155
	Small	5	2	5	12	21	38	13	13	
	Medium	1	1	4	9	8	8	2	2	
	Large	0	0	2	7	1	1	0	0	
Bingöl, TRB13	Micro	7	8	6	18	35	211	135	72	591
	Small	3	0	1	3	32	17	3	4	
	Medium	1	0	0	2	23	5	1	1	
	Large	0	0	0	0	2	0	0	0	
Bitlis, TRB23	Micro	17	12	10	30	41	286	223	96	798
	Small	3	1	0	4	19	17	4	4	
	Medium	1	0	1	1	18	4	0	1	
	Large	0	0	0	0	4	0	0	0	
Bolu, TR424	Micro	22	50	29	116	92	605	313	200	1,687
	Small	8	5	6	29	38	63	23	29	
	Medium	4	1	3	10	11	10	8	5	
	Large	2	0	1	2	1	2	0	1	
Burdur, TR613	Micro	30	18	40	90	94	625	268	210	1,536
	Small	10	1	6	17	17	46	15	13	
	Medium	3	0	2	11	5	8	2	1	
	Large	0	0	0	3	0	1	0	0	
Bursa, TR411	Micro	195	698	448	1,109	642	5,685	1,951	1,928	15,826
	Small	90	276	195	336	332	747	117	199	
	Medium	23	143	95	126	134	140	23	39	
	Large	8	41	35	29	16	14	5	7	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Çanakkale, TR222	Micro	66	44	59	147	178	1,241	437	604	3,125
	Small	22	1	6	21	60	99	25	48	
	Medium	6	0	0	4	23	17	3	7	
	Large	0	0	0	2	1	0	0	0	
Çankiri, TR822	Micro	11	10	11	31	34	256	101	67	595
	Small	4	0	1	4	13	21	6	5	
	Medium	0	0	1	4	4	6	1	1	
	Large	1	0	0	0	1	0	0	0	
Çorum, TR833	Micro	75	61	94	214	204	1,414	538	369	3,392
	Small	26	3	20	22	75	116	23	25	
	Medium	9	4	9	22	18	28	5	5	
	Large	0	3	2	3	2	2	0	1	
Adana, TR621	Micro	94	141	135	361	207	2,465	833	683	5,726
	Small	29	21	31	78	81	275	46	58	
	Medium	10	13	0	25	63	54	0	12	
	Large	0	3	0	5	0	0	2	1	
Denizli, TR322	Micro	126	490	168	444	364	2,963	934	992	7,671
	Small	30	135	35	100	136	295	47	77	
	Medium	10	86	13	44	44	56	8	14	
	Large	2	30	0	12	5	6	2	2	
Diyarbakir, TRC22	Micro	78	53	78	151	164	1,499	804	473	3,788
	Small	15	6	7	28	76	130	21	27	
	Medium	8	3	1	13	77	39	6	10	
	Large	0	1	0	2	12	3	3	1	
Edirne, TR212	Micro	31	23	43	94	118	915	367	469	2,295
	Small	18	2	3	12	46	81	10	29	
	Medium	5	0	0	2	10	13	1	0	
	Large	0	0	0	0	0	0	0	0	
Elazig, TRB12	Micro	72	51	48	126	148	1,047	434	370	2,639
	Small	11	1	5	23	71	83	18	27	
	Medium	6	1	2	18	36	22	4	6	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Erzincan, TRA12	Large	0	0	0	1	7	2	0	1	681
	Micro	16	10	12	32	40	267	127	95	
	Small	4	0	1	5	15	24	4	10	
	Medium	1	0	0	3	6	5	1	2	
Erzurum, TRA11	Large	0	0	0	0	1	0	0	0	1,686
	Micro	28	26	26	83	69	688	370	207	
	Small	11	0	1	9	34	59	10	14	
	Medium	4	0	1	2	18	16	2	2	
Eskisehir, TR412	Large	0	0	0	0	3	2	0	0	5,290
	Micro	68	101	133	291	279	1,988	850	696	
	Small	23	4	38	57	167	213	38	91	
	Medium	8	0	24	37	72	45	6	21	
Gaziantep, TRC11	Large	1	3	6	13	7	6	2	3	5,036
	Micro	142	268	134	328	185	2,158	631	504	
	Small	32	52	25	71	64	188	33	35	
	Medium	9	25	6	21	36	34	9	6	
Giresun, TR903	Large	3	18	0	5	5	5	2	1	1,511
	Micro	28	24	14	69	57	501	445	208	
	Small	13	2	2	12	17	57	9	15	
	Medium	5	2	1	3	11	9	1	2	
Gümüşhane, TR906	Large	1	1	0	0	2	1	0	0	450
	Micro	16	7	5	22	22	143	119	68	
	Small	4	0	0	3	10	13	5	6	
	Medium	1	0	0	1	3	2	0	1	
Adiyaman, TRC12	Large	0	0	0	0	0	0	0	0	2,072
	Micro	104	49	38	92	82	861	427	237	
	Small	5	8	3	11	27	48	12	12	
	Medium	2	7	1	5	16	13	5	3	
Hakkari, TRB24	Large	0	3	0	0	1	2	0	0	399
	Micro	6	4	4	21	15	199	82	39	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Hatay, TR631	Small	1	0	0	3	4	9	1	2	
	Medium	0	0	0	0	5	2	0	0	
	Large	0	0	0	0	0	0	0	0	
	Micro	119	81	112	257	152	1,925	782	484	4,389
	Small	14	5	11	39	64	156	45	31	
Isparta, TR612	Medium	4	1	5	11	30	27	16	5	
	Large	0	0	2	5	4	2	1	1	
	Micro	53	64	57	183	148	1,227	286	401	2,748
	Small	15	4	5	28	36	105	26	37	
	Medium	5	3	2	12	21	16	4	4	
Mersin, TR622	Large	0	3	1	1	1	1	1	1	
	Micro	143	167	180	448	368	3,544	1,399	1,259	8,621
	Small	42	15	28	76	147	336	103	87	
	Medium	8	7	6	27	74	66	36	16	
	Large	2	7	0	6	8	9	4	3	
Istanbul, TR100	Micro	796	4,686	2,419	6,636	5,509	32,160	12,986	9,736	99,429
	Small	436	2,215	1,039	2,424	2,746	6,227	934	2,077	
	Medium	105	948	381	929	947	1,283	271	503	
	Large	41	179	72	194	173	207	63	108	
	Micro	240	550	513	1,395	1,119	8,269	2,373	2,814	21,277
Izmir, TR310	Small	111	155	183	391	532	1,065	162	359	
	Medium	42	99	83	155	210	195	40	66	
	Large	14	22	22	36	22	20	10	10	
	Micro	14	7	8	22	22	285	164	81	661
	Small	5	0	1	3	9	19	5	5	
Kars, TRA22	Medium	0	0	0	1	5	4	1	1	
	Large	0	0	0	0	1	0	0	0	
	Micro	37	24	28	98	73	541	327	177	1,453
	Small	9	1	2	11	20	41	12	14	
	Medium	2	3	1	6	10	9	2	1	
Kastamonu, TR821	Large	0	1	0	2	2	0	0	0	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kayseri, TR721	Micro	97	137	190	456	298	2,663	841	554	6,430
	Small	39	21	58	144	156	313	63	58	
	Medium	9	7	31	79	82	62	12	11	
	Large	3	4	3	20	9	6	2	2	
Kirklareli, TR213	Micro	22	22	23	70	89	628	246	306	1,561
	Small	14	2	4	10	31	44	11	15	
	Medium	4	0	1	0	7	9	0	2	
	Large	0	0	0	0	0	0	0	0	
Afyonkarahisar, TR332	Micro	112	97	131	332	294	2,388	877	691	5,586
	Small	38	6	12	75	65	196	43	52	
	Medium	16	3	5	39	38	34	4	13	
	Large	2	1	1	8	3	5	1	2	
Kirsehir, TR715	Micro	16	16	12	45	41	295	136	101	736
	Small	4	0	1	4	12	24	4	8	
	Medium	2	0	0	0	7	5	1	1	
	Large	0	0	0	0	0	0	0	0	
Kocaeli, TR421	Micro	103	170	187	488	496	3,089	1,516	1,172	9,031
	Small	58	25	113	175	285	423	0	134	
	Medium	14	11	86	105	125	95	30	30	
	Large	3	3	27	37	16	8	5	4	
Konya, TR521	Micro	183	255	680	866	595	5,274	2,193	1,365	13,200
	Small	61	26	184	197	192	489	95	97	
	Medium	34	6	78	57	95	92	19	18	
	Large	7	0	14	11	9	8	0	0	
Kütahya, TR333	Micro	92	74	67	219	170	1,619	638	534	3,879
	Small	22	7	9	38	62	134	32	38	
	Medium	11	9	3	18	30	26	5	6	
	Large	1	2	0	6	4	2	2	1	
Malatya, TRB11	Micro	113	72	57	165	242	1,255	652	359	3,280
	Small	25	11	7	24	49	106	14	21	
	Medium	8	8	3	12	30	23	3	8	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Manisa, TR331	Large	2	3	1	1	5	2	0	0	8,390
	Micro	156	152	222	463	448	3,577	1,222	1,221	
	Small	52	14	56	76	139	255	53	71	
	Medium	18	6	19	40	43	38	7	10	
Kahramanmaras, TR632	Large	5	0	8	15	2	4	0	1	2,182
	Micro	55	49	72	131	88	906	425	213	
	Small	9	7	12	21	30	62	11	11	
	Medium	4	8	5	5	24	13	2	3	
Mardin, TRC31	Large	0	8	0	0	2	2	0	0	2,904
	Micro	73	28	43	120	111	1,154	749	271	
	Small	7	3	3	18	45	92	46	13	
	Medium	5	3	0	8	32	28	41	5	
Mugla, TR323	Large	0	0	0	2	3	0	0	0	7,041
	Micro	84	78	114	358	420	2,404	1,416	1,247	
	Small	31	4	18	60	112	221	50	256	
	Medium	5	1	3	15	34	32	6	48	
Mus, TRB22	Large	2	0	0	3	4	2	1	11	623
	Micro	11	8	11	23	0	267	168	74	
	Small	3	0	1	4	15	12	5	3	
	Medium	1	0	0	2	8	4	1	1	
Agri, TRA21	Large	0	0	0	0	1	0	0	0	1,061
	Micro	19	10	11	36	30	477	275	119	
	Small	4	1	0	3	12	29	6	4	
	Medium	0	0	0	1	9	7	3	2	
Nevsehir, TR714	Large	0	0	0	0	1	0	0	0	1,658
	Micro	34	19	40	77	73	675	318	215	
	Small	13	1	6	12	29	50	10	30	
	Medium	3	1	2	9	10	12	5	9	
Nigde, TR713	Large	0	1	1	1	0	2	0	1	674
	Micro	15	11	11	31	34	292	128	90	
	Small	3	0	2	6	7	18	4	6	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Ordu, TR902	Medium	0	0	0	3	5	5	0	1	
	Large	0	0	0	0	0	0	0	0	
	Micro	37	34	22	121	73	732	493	250	1,979
	Small	14	2	3	14	31	68	14	15	
	Medium	5	3	0	4	15	15	2	4	
Rize, TR904	Large	0	2	0	0	2	0	0	0	
	Micro	22	26	13	68	60	404	455	136	1,337
	Small	15	0	2	9	24	44	6	12	
	Medium	5	0	1	2	10	11	3	4	
	Large	1	0	0	0	1	1	0	0	
Sakarya, TR422	Micro	97	116	131	345	249	2,173	950	872	5,698
	Small	40	15	35	72	95	224	46	61	
	Medium	9	10	21	26	34	37	6	10	
	Large	2	1	5	7	3	5	0	1	
	Micro	94	122	89	320	285	2,143	1,025	643	5,449
Samsun, TR831	Small	39	9	13	64	129	221	34	54	
	Medium	9	5	6	18	46	43	8	12	
	Large	1	1	1	4	4	4	1	1	
	Micro	19	11	13	22	40	314	144	102	757
	Small	3	1	1	5	19	24	8	6	
Siirt, TRC34	Medium	1	0	0	1	10	6	2	2	
	Large	0	0	0	0	2	0	0	0	
	Micro	17	14	12	48	44	298	201	111	837
	Small	6	1	2	6	11	27	6	8	
	Medium	1	1	1	7	5	5	0	1	
Sinop, TR823	Large	0	1	0	0	0	0	0	0	
	Micro	93	65	71	207	236	1,531	815	412	3,924
	Small	25	3	11	35	88	135	33	40	
	Medium	6	4	3	13	43	34	5	9	
	Large	0	0	1	4	0	2	0	0	
Sivas, TR722	Micro	85	97	107	282	446	1,998	867	844	5,522
	Small	30	19	28	65	160	194	39	66	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Amasya, TR834	Medium	7	24	0	36	33	37	0	7	2,256
	Large	0	26	4	17	3	0	0	0	
	Micro	39	42	47	107	78	948	465	265	
	Small	15	2	4	17	29	88	16	25	
Tokat, TR832	Medium	5	3	2	8	16	18	6	5	3,247
	Large	1	0	0	4	1	2	0	0	
	Micro	57	62	91	183	140	1,405	564	409	
	Small	19	3	6	25	45	107	20	28	
Trabzon, TR901	Medium	4	6	1	12	26	22	3	5	2,653
	Large	0	2	0	1	2	0	1	0	
	Micro	47	67	36	146	121	923	569	355	
	Small	23	3	6	25	60	103	20	38	
Tunceli, TRB14	Medium	7	1	3	8	42	25	7	10	325
	Large	1	0	0	1	3	2	0	1	
	Micro	6	3	3	7	17	108	75	66	
	Small	3	0	0	2	12	7	3	4	
Sanliurfa, TRC21	Medium	0	0	0	1	7	2	0	1	4,528
	Large	0	0	0	0	0	0	0	0	
	Micro	123	66	93	177	159	1,800	1,422	330	
	Small	11	6	4	17	68	100	20	15	
Usak, TR334	Medium	4	7	1	7	39	25	15	4	2,884
	Large	0	1	0	2	4	3	2	1	
	Micro	39	178	50	150	153	1,145	379	384	
	Small	13	50	10	35	37	102	24	30	
Van, TRB21	Medium	5	31	1	13	13	17	3	5	2,936
	Large	1	8	0	3	1	2	1	0	
	Micro	47	35	38	118	109	968	1,103	270	
	Small	9	0	4	12	36	77	12	17	
Yozgat, TR723	Medium	5	0	1	6	36	19	3	4	2,583
	Large	0	0	0	1	4	1	1	1	
	Micro	60	45	62	136	143	1,060	552	286	
	Small	10	1	3	19	33	86	17	14	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Zonguldak, TR811	Medium	2	3	1	9	15	14	2	2	
	Large	1	2	0	1	1	1	0	0	
	Micro	55	72	56	212	148	1,648	1,112	636	4,426
	Small	28	5	15	30	52	164	29	50	
Aksaray, TR712	Medium	4	5	7	11	25	33	5	10	
	Large	0	3	0	5	2	2	0	2	
	Micro	18	22	23	45	47	450	161	137	1,035
	Small	8	1	3	8	16	37	11	11	
Bayburt, TRA13	Medium	3	1	3	5	10	9	2	2	
	Large	0	0	1	0	0	1	0	0	
	Micro	8	4	4	16	19	110	81	38	312
	Small	2	0	0	2	8	9	1	3	
Ankara, TR510	Medium	1	0	0	0	2	1	1	0	
	Large	0	0	0	0	0	0	0	0	
	Micro	219	495	591	1,875	2,020	9,517	4,219	2,580	28,127
	Small	92	56	303	542	1,469	1,536	231	550	
Karaman, TR522	Medium	37	29	126	172	637	314	50	166	
	Large	11	7	23	40	149	38	8	27	
	Micro	44	25	57	93	89	640	220	176	1,512
	Small	10	2	7	11	28	41	12	11	
Kirikkale, TR711	Medium	5	1	2	7	11	10	2	3	
	Large	3	0	0	1	1	1	0	0	
	Micro	15	16	16	37	44	351	160	96	825
	Small	4	0	2	6	16	27	7	9	
Batman, TRC32	Medium	1	0	1	2	5	6	2	1	
	Large	0	0	0	0	0	0	0	0	
	Micro	27	29	22	71	61	630	267	209	1,595
	Small	5	5	3	15	45	80	17	13	
Sirnak, TRC33	Medium	3	5	2	11	33	22	4	6	
	Large	0	1	0	0	7	2	0	1	
	Micro	0	0	0	0	1	0	0	0	3

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Bartın, TR813	Small	0	0	0	0	0	0	0	0	
	Medium	0	0	0	0	0	1	0	0	
	Large	0	0	0	0	0	0	0	0	
	Micro	20	24	30	92	55	567	355	293	1,639
	Small	9	2	4	14	24	57	12	21	
Ardahan, TRA24	Medium	4	4	2	10	12	10	2	4	
	Large	0	5	0	3	1	1	0	0	
	Micro	6	2	3	11	11	107	0	37	199
	Small	3	0	0	1	2	7	1	3	
	Medium	0	0	0	0	1	1	0	0	
Iğdir, TRA23	Large	0	0	0	0	0	0	0	0	
	Micro	6	6	7	21	13	204	190	67	556
	Small	1	0	0	2	4	14	5	4	
	Medium	0	0	0	1	3	3	3	0	
	Large	0	0	0	0	0	0	1	0	
Yalova, TR425	Micro	26	32	33	98	140	669	354	285	1,889
	Small	9	5	8	20	46	65	10	29	
	Medium	3	3	6	11	12	11	1	7	
	Large	0	1	1	2	1	1	0	1	
	Micro	32	29	18	72	87	574	325	212	1,558
Karabük, TR812	Small	11	3	3	13	42	54	12	18	
	Medium	1	3	1	9	15	10	3	5	
	Large	0	2	1	3	1	0	0	0	
	Micro	0	6	4	0	0	93	0	21	135
	Small	1	0	0	1	2	3	2	1	
Kilis, TRC13	Medium	0	0	0	0	0	1	0	0	
	Large	0	0	0	0	0	0	0	0	
	Micro	177	285	263	949	1,218	7,924	3,338	2,202	19,121
	Small	71	21	59	196	478	793	105	386	
	Medium	18	5	13	48	178	140	14	102	
Antalya, TR611	Large	4	2	3	8	27	18	3	73	
	Micro	37	30	37	76	46	703	253	177	1,522
	Small									
	Medium									
	Large									
Osmaniye, TR633	Micro									
	Small									
	Medium									
	Large									
	Micro									

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Düzce, TR423	Small	9	1	5	14	18	51	8	9	2,314
	Medium	3	1	2	5	18	10	2	3	
	Large	0	1	1	1	1	1	0	0	
	Micro	29	61	37	126	92	827	429	340	
	Small	20	15	12	35	37	98	20	30	
Artvin, TR905	Medium	5	13	6	16	18	20	6	7	938
	Large	0	4	2	5	1	1	0	1	
	Micro	12	16	8	41	33	323	264	151	
	Small	5	0	1	5	14	24	8	10	
	Medium	1	0	0	1	10	5	4	1	
Aydin, TR321	Large	0	0	0	0	1	0	0	0	7,369
	Micro	129	129	146	366	507	3,076	998	1,198	
	Small	47	9	23	45	157	236	37	101	
	Medium	11	3	6	16	49	34	4	18	
	Large	3	2	4	4	3	2	0	5	
		8,445	16,587	13,171	32,858	35,340	172,027	68,356	55,317	402,100

Median Universe Estimates – Fresh:

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Balikesir, TR221	Micro	202	194	232	622	638	4,379	1,747	2,035
	Small	77	15	32	91	210	351	81	140
	Medium	25	21	16	36	67	71	17	23
	Large	7	0	4	6	0	3	0	3
Bilecik, TR413	Micro	42	26	26	101	96	738	477	336
	Small	9	3	9	21	38	67	24	24
	Medium	3	2	9	19	16	15	4	3
	Large	0	0	3	12	2	2	0	0
Bingöl, TRB13	Micro	7	9	7	19	38	218	149	79
	Small	4	1	1	4	34	17	3	4
	Medium	1	0	0	2	28	6	1	2
	Large	0	0	0	0	2	0	0	0
Bitlis, TRB23	Micro	17	13	11	32	43	286	238	101
	Small	3	1	0	4	20	17	4	4
	Medium	1	0	1	1	21	5	0	1
	Large	0	0	0	0	4	0	0	0
Bolu, TR424	Micro	31	73	42	167	135	840	465	294
	Small	11	8	9	41	56	87	34	42
	Medium	6	2	4	15	17	16	12	9
	Large	3	0	1	4	1	2	0	1
Burdur, TR613	Micro	35	22	49	108	116	723	331	256
	Small	12	1	8	20	20	52	18	15
	Medium	4	0	3	15	7	10	2	2
	Large	0	0	0	4	0	1	0	0
Bursa, TR411	Micro	424	1,579	1,019	2,463	1,454	12,153	4,457	4,351
	Small	194	618	437	736	744	1,577	265	444
	Medium	55	357	238	308	336	331	57	98
	Large	18	97	84	66	37	31	12	17
Çanakkale, TR222	Micro	102	71	95	232	287	1,887	710	970
	Small	34	1	10	33	96	149	39	77

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Çankiri, TR822	Medium	11	0	0	7	41	29	6	12
	Large	0	0	0	4	1	0	1	1
	Micro	10	10	11	30	34	241	101	66
	Small	3	0	1	4	13	20	5	5
	Medium	0	0	2	4	4	6	1	1
Çorum, TR833	Large	1	0	0	0	1	0	0	0
	Micro	128	108	167	371	360	2,361	960	650
	Small	44	6	34	38	131	190	40	43
	Medium	18	7	18	41	35	52	10	9
	Large	1	5	4	6	3	3	0	2
Adana, TR621	Micro	183	285	274	714	418	4,691	1,694	1,372
	Small	56	43	62	152	161	516	93	116
	Medium	21	29	0	54	140	114	0	26
	Large	0	6	0	10	0	0	4	2
	Micro	208	845	290	751	629	4,824	1,625	1,705
Denizli, TR322	Small	50	230	60	167	232	474	82	131
	Medium	18	164	25	81	84	101	15	26
	Large	4	53	0	22	8	11	4	4
	Micro	79	56	83	157	174	1,504	862	501
	Small	15	6	7	29	80	128	22	28
Diyarbakir, TRC22	Medium	9	4	1	15	91	43	7	12
	Large	0	1	0	2	13	3	3	1
	Micro	72	55	104	223	284	2,078	892	1,125
	Small	41	5	7	29	109	182	25	70
	Medium	12	0	1	6	26	33	3	0
Edirne, TR212	Large	0	0	0	0	1	0	0	1
	Micro	69	51	48	123	148	985	436	367
	Small	11	1	5	22	70	77	17	26
	Medium	6	1	2	19	40	23	4	7
	Large	0	0	0	1	8	2	0	1
Elazig, TRB12	Micro	15	10	12	31	40	251	128	95
	Small	4	0	1	5	15	22	4	10

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Erzurum, TRA11	Medium	1	0	0	3	7	5	1	2
	Large	0	0	0	0	1	0	0	0
	Micro	28	26	26	82	70	657	378	209
	Small	11	0	1	9	34	56	10	14
	Medium	4	0	1	2	20	17	2	3
Eskisehir, TR412	Large	0	0	0	0	4	2	0	0
	Micro	84	130	173	368	360	2,423	1,107	895
	Small	29	6	49	71	214	256	49	116
	Medium	11	0	35	51	102	60	8	30
	Large	2	4	8	17	9	8	2	3
Gaziantep, TRC11	Micro	145	284	142	341	196	2,160	675	533
	Small	32	55	27	73	67	186	34	36
	Medium	11	29	7	24	42	38	10	7
	Large	4	20	0	5	6	5	2	1
	Micro	29	26	16	72	61	509	482	222
Giresun, TR903	Small	14	2	2	12	18	57	10	16
	Medium	5	2	1	3	13	10	1	3
	Large	1	1	0	0	2	1	0	0
	Micro	16	7	5	22	22	139	124	70
	Small	4	0	0	3	10	13	5	6
Gümüşhane, TR906	Medium	1	0	0	2	3	3	0	1
	Large	0	0	0	0	0	0	0	0
	Micro	103	50	40	92	84	833	442	242
	Small	4	8	3	11	27	46	12	12
	Medium	2	7	1	5	18	14	6	4
Adiyaman, TRC12	Large	0	3	0	0	1	2	0	0
	Micro	6	5	5	21	16	200	87	41
	Small	1	0	0	3	4	9	1	2
	Medium	0	0	0	0	6	2	0	0
	Large	0	0	0	0	0	0	0	0
Hakkari, TRB24	Micro	116	83	114	256	155	1,849	802	491
	Small	13	5	11	38	64	148	45	31

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Isparta, TR612	Medium	4	2	5	12	34	29	18	5
	Large	0	0	2	5	4	2	1	1
	Micro	75	95	84	263	218	1,702	424	588
	Small	21	6	8	40	52	144	37	53
	Medium	7	5	4	19	33	24	6	6
Mersin, TR622	Large	0	4	1	1	1	1	1	1
	Micro	221	268	289	706	591	5,372	2,266	2,015
	Small	64	23	45	118	233	504	164	138
	Medium	14	13	11	47	131	111	64	29
	Large	3	12	0	10	14	14	7	5
Istanbul, TR100	Micro	1,352	8,270	4,286	11,488	9,735	53,621	23,138	17,140
	Small	731	3,860	1,819	4,144	4,792	10,254	1,644	3,612
	Medium	196	1,849	746	1,776	1,848	2,363	532	977
	Large	73	327	133	348	317	359	116	197
	Micro	392	934	874	2,325	1,904	13,271	4,071	4,769
Izmir, TR310	Small	180	260	309	643	893	1,689	275	600
	Medium	75	185	156	285	395	346	75	124
	Large	24	38	39	63	38	33	19	17
	Micro	14	7	9	22	22	275	169	82
	Small	5	0	1	3	9	18	5	5
Kars, TRA22	Medium	0	0	0	1	5	4	1	1
	Large	0	0	0	0	1	0	0	0
	Micro	37	24	29	100	75	528	341	182
	Small	9	1	2	11	20	39	13	14
	Medium	2	3	1	7	12	10	2	1
Kastamonu, TR821	Large	0	1	0	2	2	0	0	0
	Micro	186	272	380	891	594	5,011	1,692	1,102
	Small	73	42	115	277	307	582	124	114
	Medium	18	15	69	170	180	130	26	25
	Large	6	9	7	41	18	12	4	5
Kayseri, TR721	Micro	42	44	46	137	178	1,182	494	609
	Small	26	4	7	20	61	82	22	30
Kirkklareli, TR213									

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Afyonkarahisar, TR332	Medium	9	0	1	0	16	19	0	4
	Large	0	0	0	0	0	0	0	0
	Micro	135	122	165	407	368	2,820	1,107	862
	Small	45	7	14	90	80	229	54	63
	Medium	21	4	7	53	53	45	6	18
Kirsehir, TR715	Large	3	2	1	11	4	6	1	3
	Micro	15	16	12	44	41	277	137	100
	Small	4	0	1	4	12	22	4	7
	Medium	2	0	0	0	8	5	1	1
	Large	0	0	0	0	0	0	0	0
Kocaeli, TR421	Micro	129	222	245	626	650	3,817	2,002	1,529
	Small	72	33	146	222	368	516	0	173
	Medium	19	17	124	149	181	129	44	43
	Large	4	4	37	50	22	11	7	6
	Micro	281	406	1,088	1,355	950	7,945	3,530	2,172
Konya, TR521	Small	93	40	291	304	302	728	151	152
	Medium	58	11	138	99	168	153	33	32
	Large	11	0	23	18	14	12	0	0
	Micro	157	131	121	383	304	2,727	1,148	949
	Small	38	12	16	66	109	222	57	67
Kütahya, TR333	Medium	20	17	6	35	60	48	10	11
	Large	2	3	1	11	7	4	3	2
	Micro	112	74	59	166	249	1,216	675	367
	Small	24	11	8	23	50	101	14	21
	Medium	9	9	3	13	34	25	3	9
Malatya, TRB11	Large	2	4	1	1	6	2	0	0
	Micro	257	262	383	779	770	5,801	2,117	2,090
	Small	84	23	95	126	236	409	91	119
	Medium	33	12	36	75	81	67	13	18
	Large	9	0	15	26	3	7	0	1
Manisa, TR331	Micro	54	50	72	129	89	862	432	214
Kahramanmaras, TR632									

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Mardin, TRC31	Small	9	7	12	21	30	59	11	11
	Medium	4	9	5	6	26	14	3	4
	Large	0	8	0	0	2	2	1	0
	Micro	74	29	46	124	116	1,144	794	284
	Small	7	3	3	18	46	91	48	14
Mugla, TR323	Medium	6	3	0	9	37	30	49	6
	Large	0	0	0	2	3	0	1	0
	Micro	140	136	198	607	729	3,932	2,475	2,153
	Small	52	6	32	101	192	358	86	437
	Medium	9	2	5	28	64	58	12	92
Mus, TRB22	Large	3	0	0	5	8	4	1	20
	Micro	11	8	11	23	0	256	172	75
	Small	2	0	1	4	15	12	5	3
	Medium	1	0	0	2	9	4	1	1
	Large	0	0	0	0	1	0	0	0
Agri, TRA21	Micro	18	10	11	35	30	449	277	118
	Small	4	1	0	3	12	27	6	4
	Medium	0	0	0	2	10	8	4	2
	Large	0	0	0	0	1	0	0	0
	Micro	34	20	42	78	76	662	333	223
Nevsehir, TR714	Small	13	1	6	12	29	48	10	30
	Medium	3	1	2	10	11	13	6	11
	Large	0	1	1	1	0	2	0	1
	Micro	14	11	11	30	34	275	128	89
	Small	3	0	2	6	7	17	4	5
Nigde, TR713	Medium	0	0	0	4	6	5	0	2
	Large	0	0	0	0	0	0	0	0
	Micro	36	36	23	123	76	717	517	259
	Small	14	2	3	14	32	65	15	16
	Medium	6	3	0	5	17	17	2	5
Ordu, TR902	Large	0	2	0	0	3	0	0	0
	Micro	23	28	14	71	64	409	493	146
	Small								
	Medium								
	Large								
Rize, TR904	Micro								
	Small								
	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Sakarya, TR422	Small	16	0	2	9	26	44	6	13
	Medium	5	0	1	3	12	12	4	4
	Large	1	0	0	0	1	1	0	0
	Micro	121	150	171	437	322	2,654	1,241	1,125
	Small	49	19	45	90	121	271	59	78
Samsun, TR831	Medium	13	14	30	36	49	50	8	14
	Large	3	2	7	9	4	6	0	2
	Micro	148	199	147	513	466	3,304	1,689	1,046
	Small	60	14	22	101	208	336	56	87
	Medium	16	9	11	32	83	73	14	22
Siirt, TRC34	Large	2	2	2	7	7	6	2	2
	Micro	18	11	13	21	40	296	145	102
	Small	3	1	1	5	19	22	8	6
	Medium	1	0	0	1	11	7	2	2
	Large	0	0	0	0	2	0	0	1
Sinop, TR823	Micro	17	15	12	49	45	288	208	113
	Small	6	1	2	6	11	25	6	8
	Medium	1	2	1	8	5	5	0	1
	Large	0	1	0	0	0	0	0	0
	Micro	139	101	112	316	368	2,249	1,280	639
Sivas, TR722	Small	36	4	17	52	136	196	52	61
	Medium	10	7	6	21	73	56	9	16
	Large	0	0	1	6	0	4	0	0
	Micro	158	187	208	536	864	3,655	1,695	1,630
	Small	55	36	53	122	306	351	76	126
Tekirdag, TR211	Medium	14	52	0	75	71	75	0	15
	Large	0	53	7	33	6	0	0	0
	Micro	56	62	70	157	117	1,338	702	394
	Small	21	3	6	25	43	123	24	36
	Medium	7	4	3	13	26	29	9	8
Amasya, TR834	Large	2	0	0	6	2	3	0	1
	Micro	82	93	136	268	209	1,983	850	609

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Trabzon, TR901	Small	26	5	9	36	67	149	30	41
	Medium	6	11	1	20	44	34	5	8
	Large	0	3	0	1	3	0	1	0
	Micro	47	70	37	148	126	906	596	368
	Small	23	3	6	25	61	99	21	39
Tunceli, TRB14	Medium	8	1	3	9	49	27	9	11
	Large	1	0	0	1	4	2	0	1
	Micro	5	3	3	7	17	105	78	68
	Small	3	0	0	2	12	7	3	4
	Medium	0	0	0	1	8	2	1	1
Sanliurfa, TRC21	Large	0	0	0	0	0	0	0	0
	Micro	121	67	95	177	162	1,734	1,464	336
	Small	11	6	4	17	68	95	20	16
	Medium	4	8	1	8	43	27	17	5
	Large	0	1	0	2	4	3	3	1
Usak, TR334	Micro	53	249	70	206	214	1,513	534	535
	Small	18	69	14	48	52	133	34	42
	Medium	7	47	2	19	21	24	4	8
	Large	2	11	0	5	1	3	1	0
	Micro	45	35	38	116	109	911	1,110	268
Van, TRB21	Small	9	0	4	12	36	72	12	16
	Medium	6	0	1	6	39	20	4	4
	Large	0	0	0	1	4	1	1	1
	Micro	99	79	108	230	248	1,731	963	493
	Small	17	1	5	33	56	138	30	24
Yozgat, TR723	Medium	4	5	3	17	29	26	5	3
	Large	1	3	0	2	2	2	0	1
	Micro	77	104	80	298	212	2,234	1,611	910
	Small	38	7	21	42	73	220	41	70
	Medium	6	8	11	17	40	49	8	15
Zonguldak, TR811	Large	0	4	0	7	3	3	0	3
	Micro	19	23	24	47	50	451	172	145
Aksaray, TR712									

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Bayburt, TRA13	Small	8	1	3	8	17	37	12	11
	Medium	3	1	3	6	12	10	2	2
	Large	0	0	1	0	0	1	0	0
	Micro	8	4	4	16	19	104	81	38
	Small	2	0	0	2	8	8	1	3
Ankara, TR510	Medium	1	0	0	0	2	1	1	0
	Large	0	0	0	0	0	0	0	0
	Micro	285	670	804	2,490	2,739	12,175	5,768	3,485
	Small	118	75	407	711	1,967	1,940	311	734
	Medium	53	43	189	252	954	444	75	248
Karaman, TR522	Large	15	9	32	56	210	51	11	37
	Micro	90	53	123	195	192	1,302	477	377
	Small	20	3	14	24	61	82	25	24
	Medium	12	2	6	16	26	23	4	7
	Large	7	0	0	2	1	3	1	0
Kirikkale, TR711	Micro	15	17	16	37	45	340	165	98
	Small	4	0	2	6	16	26	7	9
	Medium	1	0	1	2	5	7	2	1
	Large	0	0	0	0	0	0	0	0
	Micro	26	29	22	70	60	593	268	207
Batman, TRC32	Small	5	5	3	14	44	74	17	13
	Medium	4	5	2	12	37	22	4	6
	Large	0	1	0	0	7	2	0	1
	Micro	0	0	0	0	1	0	0	0
	Small	0	0	0	0	0	0	0	0
Sirnak, TRC33	Medium	0	0	0	0	0	1	0	0
	Large	0	0	0	0	0	0	0	0
	Micro	26	33	41	124	75	733	491	401
	Small	11	3	5	19	33	73	16	29
	Medium	6	6	3	14	18	14	4	6
Bartın, TR813	Large	0	8	0	4	2	2	0	0
	Micro	6	2	3	11	11	101	0	37
	Small	11	3	5	19	33	73	16	29
	Medium	6	6	3	14	18	14	4	6
	Large	0	8	0	4	2	2	0	0
Ardahan, TRA24	Micro	6	2	3	11	11	101	0	37

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Igdir, TRA23	Small	3	0	0	1	2	7	1	3
	Medium	0	0	0	0	2	1	0	0
	Large	0	0	0	0	0	0	0	0
	Micro	6	6	7	21	14	197	195	68
	Small	1	0	0	2	4	13	5	4
Yalova, TR425	Medium	0	0	0	1	3	4	4	0
	Large	0	0	0	0	0	0	1	0
	Micro	35	45	46	135	197	886	501	399
	Small	12	7	12	26	64	86	14	40
	Medium	4	5	9	17	18	16	1	11
Karabük, TR812	Large	0	2	2	3	2	2	0	1
	Micro	54	51	31	122	152	945	571	368
	Small	19	5	6	23	73	87	21	31
	Medium	3	5	3	17	28	18	6	9
	Large	0	3	2	5	2	0	0	0
Kilis, TRC13	Micro	0	6	4	0	0	94	0	23
	Small	1	0	0	1	2	3	2	1
	Medium	0	0	0	0	0	1	0	0
	Large	0	0	0	0	0	0	0	0
	Micro	228	381	353	1,245	1,630	10,007	4,504	2,936
Antalya, TR611	Small	90	27	79	254	632	989	140	508
	Medium	25	7	20	70	263	195	21	151
	Large	6	2	5	11	38	23	4	101
	Micro	36	31	38	75	47	673	259	178
	Small	8	1	5	14	18	48	8	9
Osmaniye, TR633	Medium	3	1	3	6	20	10	2	3
	Large	0	1	1	2	1	1	0	0
	Micro	34	73	45	148	110	933	517	406
	Small	22	17	14	41	44	109	24	35
	Medium	6	17	8	21	24	25	8	9
Düzce, TR423	Large	0	5	2	7	1	2	0	1
	Micro	12	17	8	41	34	314	275	155
	Small								
Artvin, TR905	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Aydin, TR321	Small	5	0	1	5	14	23	8	10
	Medium	1	0	0	1	11	5	5	1
	Large	0	0	0	0	1	0	0	0
	Micro	207	216	245	598	846	4,849	1,681	1,994
	Small	74	16	38	73	259	367	62	166
	Medium	20	6	12	28	90	59	7	34
	Large	5	3	7	6	6	3	0	9
		12,495	28,034	21,566	52,102	55,958	254,672	104,854	87,266

Weak Universe Estimates – Fresh:

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Balikesir, TR221	Micro	739	709	887	2,417	2,622	20,121	8,541	8,620
	Small	220	42	97	278	678	1,267	311	465
	Medium	60	50	41	92	180	212	53	65
	Large	15	0	9	14	0	8	0	6
Bilecik, TR413	Micro	100	62	65	254	258	2,207	1,517	927
	Small	17	5	18	42	81	157	60	53
	Medium	4	3	15	31	29	30	9	6
	Large	0	0	4	18	3	3	0	0
Bingöl, TRB13	Micro	51	63	49	145	299	1,930	1,402	640
	Small	20	3	5	21	213	119	21	25
	Medium	3	1	0	11	145	35	8	9
	Large	0	0	0	0	11	1	0	0
Bitlis, TRB23	Micro	125	95	80	242	350	2,587	2,292	847
	Small	18	4	1	23	124	121	30	25
	Medium	3	2	4	7	111	27	3	8
	Large	0	0	0	2	20	2	2	0
Bolu, TR424	Micro	98	231	139	561	479	3,336	1,964	1,074
	Small	27	19	22	109	156	271	114	120
	Medium	11	4	10	33	40	42	34	21
	Large	5	0	2	7	2	5	0	3
Burdur, TR613	Micro	83	51	122	272	308	2,152	1,049	703
	Small	22	2	15	39	43	122	44	33
	Medium	6	0	5	25	11	19	5	3
	Large	0	0	0	6	0	2	0	0
Bursa, TR411	Micro	1,025	3,796	2,568	6,310	3,941	36,835	14,375	12,155
	Small	368	1,167	866	1,483	1,585	3,756	671	975
	Medium	87	562	394	516	595	657	120	179
	Large	25	134	121	98	58	54	22	27
Çanakkale, TR222	Micro	390	270	376	937	1,224	8,995	3,599	4,263
	Small	101	4	32	105	322	558	157	265

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Çankiri, TR822	Medium	27	0	0	20	115	90	19	34
	Large	0	0	0	8	3	0	2	2
	Micro	65	67	72	208	247	1,951	871	496
	Small	18	1	8	21	75	126	37	28
	Medium	2	0	7	17	19	34	5	6
Çorum, TR833	Large	5	0	0	0	3	1	0	0
	Micro	315	265	429	967	994	7,283	3,152	1,847
	Small	85	11	69	78	285	462	103	96
	Medium	29	11	29	70	64	105	21	17
	Large	1	7	6	9	5	6	0	3
Adana, TR621	Micro	851	1,317	1,328	3,521	2,181	27,371	10,515	7,379
	Small	207	155	238	589	662	2,367	452	490
	Medium	64	89	0	175	478	436	0	90
	Large	0	15	0	27	0	0	16	7
	Micro	569	2,294	825	2,171	1,925	16,504	5,913	5,375
Denizli, TR322	Small	107	490	134	380	559	1,275	233	325
	Medium	33	291	47	154	169	225	36	54
	Large	6	83	0	36	15	21	7	7
	Micro	522	369	568	1,098	1,284	12,414	7,566	3,811
	Small	78	33	38	159	461	833	154	167
Diyarbakir, TRC22	Medium	41	16	7	70	438	235	42	58
	Large	1	4	0	8	56	13	14	7
	Micro	186	141	277	604	815	6,676	3,048	3,332
	Small	83	10	14	62	245	459	67	162
	Medium	21	0	2	10	48	70	6	0
Edirne, TR212	Large	0	0	0	0	2	0	0	2
	Micro	370	271	268	699	891	6,630	3,121	2,277
	Small	45	6	22	98	331	406	98	129
	Medium	21	2	9	70	158	100	21	27
	Large	1	0	1	2	26	9	1	2
Erzincan, TRA12	Micro	127	85	109	283	383	2,680	1,455	933
	Small	25	1	4	34	111	185	39	77

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Erzurum, TRA11	Medium	5	0	0	18	42	37	7	11
	Large	0	0	0	0	7	3	0	2
	Micro	271	257	265	856	765	8,067	4,932	2,363
	Small	85	3	12	75	292	536	105	120
	Medium	27	1	5	17	143	139	19	20
Eskisehir, TR412	Large	0	0	0	0	22	12	0	0
	Micro	258	396	552	1,195	1,236	9,305	4,523	3,167
	Small	69	13	122	182	577	772	157	322
	Medium	21	1	73	109	230	151	22	70
Gaziantep, TRC11	Large	3	6	15	32	18	18	5	7
	Micro	1,373	2,671	1,402	3,421	2,077	25,606	8,517	5,823
	Small	240	404	207	577	557	1,732	341	311
	Medium	65	178	45	158	295	296	84	50
	Large	20	108	0	31	35	33	14	7
Giresun, TR903	Micro	251	227	142	668	597	5,550	5,603	2,236
	Small	94	12	16	89	138	488	91	130
	Medium	31	12	9	19	84	74	8	19
	Large	4	3	0	0	10	4	1	1
Gümüşhane, TR906	Micro	109	48	34	160	174	1,204	1,144	557
	Small	21	0	0	16	61	86	36	36
	Medium	5	0	1	8	15	15	3	5
	Large	0	0	0	0	2	0	2	0
Adiyaman, TRC12	Micro	636	308	255	606	584	6,467	3,646	1,729
	Small	22	38	16	54	150	278	80	67
	Medium	10	30	3	22	83	69	31	17
	Large	0	10	0	1	5	8	0	2
Hakkari, TRB24	Micro	53	42	44	201	158	2,217	1,033	420
	Small	6	3	0	20	34	81	14	15
	Medium	2	1	0	2	38	17	3	2
	Large	0	0	0	0	0	0	0	2
Hatay, TR631	Micro	1,070	758	1,094	2,500	1,595	21,336	9,850	5,222
	Small	97	33	82	291	522	1,345	437	257

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Isparta, TR612	Medium	25	10	34	80	227	218	146	38
	Large	1	0	10	28	25	12	10	4
	Micro	213	269	250	796	697	6,091	1,614	1,940
	Small	47	13	19	95	132	406	112	137
	Medium	13	10	8	37	70	56	16	13
Mersin, TR622	Large	0	7	2	2	3	3	2	2
	Micro	825	995	1,125	2,789	2,469	25,107	11,267	8,681
	Small	187	67	138	366	766	1,850	641	468
	Medium	34	31	29	121	359	340	209	80
	Large	6	26	0	23	33	38	21	12
Istanbul, TR100	Micro	3,915	23,810	12,936	35,245	31,598	194,572	89,331	57,320
	Small	1,663	8,737	4,315	9,993	12,227	29,249	4,989	9,495
	Medium	372	3,484	1,473	3,567	3,927	5,612	1,346	2,139
	Large	122	542	230	615	592	749	257	379
	Micro	1,414	3,354	3,289	8,890	7,703	60,031	19,591	19,882
Izmir, TR310	Small	510	732	913	1,933	2,841	6,004	1,041	1,968
	Medium	178	434	384	714	1,047	1,024	237	339
	Large	50	79	85	138	89	87	52	40
	Micro	117	58	77	200	213	2,955	1,935	815
	Small	31	0	4	22	68	150	49	37
Kars, TRA22	Medium	2	0	0	4	33	29	8	6
	Large	0	0	0	1	4	0	0	0
	Micro	304	200	248	873	696	5,467	3,762	1,741
	Small	60	4	13	77	147	322	108	105
	Medium	12	16	4	39	70	67	14	8
Kayseri, TR721	Large	1	7	0	12	11	2	0	0
	Micro	470	684	1,001	2,386	1,684	15,871	5,702	3,216
	Small	145	82	237	583	684	1,449	329	263
	Medium	30	24	120	298	334	269	57	47
	Large	9	13	10	64	30	22	7	8
Kirkklareli, TR213	Micro	150	155	170	516	707	5,260	2,339	2,499
	Small	73	12	21	59	190	287	80	97

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Afyonkarahisar, TR332	Medium	21	0	3	0	43	57	0	10
	Large	0	0	0	0	0	0	0	0
	Micro	384	345	490	1,230	1,178	10,082	4,212	2,839
	Small	101	16	33	215	201	643	162	164
Kirsehir, TR715	Medium	40	8	15	104	110	104	16	39
	Large	5	3	2	18	8	12	3	6
	Micro	114	118	99	350	349	2,636	1,385	876
	Small	25	2	8	27	82	168	29	51
Kocaeli, TR421	Medium	8	0	0	0	45	30	5	7
	Large	2	0	2	0	2	2	0	1
	Micro	480	819	948	2,460	2,702	17,749	9,906	6,552
	Small	209	95	444	686	1,203	1,888	0	581
Konya, TR521	Medium	46	40	315	384	492	394	144	120
	Large	9	8	82	112	52	28	21	14
	Micro	845	1,215	3,412	4,319	3,204	29,956	14,162	7,545
	Small	220	95	717	762	801	2,158	476	416
Kütahya, TR333	Medium	114	22	284	207	371	378	87	74
	Large	19	0	42	34	27	26	0	0
	Micro	364	303	292	943	790	7,932	3,552	2,545
	Small	69	21	30	127	222	508	138	142
Malatya, TRB11	Medium	30	25	9	56	102	92	21	20
	Large	3	4	1	15	10	7	6	3
	Micro	639	418	351	1,005	1,597	8,718	5,152	2,426
	Small	109	51	36	112	250	570	86	108
Manisa, TR331	Medium	34	34	11	52	141	115	15	39
	Large	6	12	2	5	21	7	1	2
	Micro	832	842	1,293	2,671	2,794	23,536	9,139	7,816
	Small	214	59	251	339	673	1,304	310	351
Kahramanmaras, TR632	Medium	70	25	80	168	192	179	38	45
	Large	16	0	29	51	7	15	0	3
	Micro	631	579	886	1,609	1,171	12,682	6,765	2,906

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Mardin, TRC31	Small	83	62	111	205	311	677	136	120
	Medium	35	69	44	49	228	130	26	31
	Large	0	53	0	0	19	16	5	0
	Micro	344	136	221	608	605	6,656	4,913	1,520
	Small	27	12	11	71	189	414	235	57
Mugla, TR323	Medium	18	10	1	29	125	116	197	20
	Large	1	1	0	5	10	1	2	0
	Micro	530	511	782	2,432	3,088	18,632	12,478	9,404
	Small	154	18	98	319	640	1,332	339	1,501
	Medium	22	4	13	72	178	180	40	262
Mus, TRB22	Large	7	0	0	11	18	11	4	51
	Micro	108	81	111	236	0	3,091	2,209	834
	Small	19	0	9	30	129	111	48	25
	Medium	5	3	2	13	65	35	10	5
	Large	1	0	0	2	6	0	0	2
Agri, TRA21	Micro	135	74	83	272	247	4,130	2,712	1,000
	Small	20	4	2	16	79	193	48	25
	Medium	1	2	1	8	53	47	23	10
	Large	0	0	0	0	6	0	0	0
	Micro	197	117	256	483	499	4,835	2,587	1,501
Nevsehir, TR714	Small	59	6	28	59	151	278	62	160
	Medium	13	3	9	41	47	63	28	47
	Large	1	3	2	4	0	7	1	5
	Micro	191	145	154	424	511	4,567	2,274	1,371
	Small	34	0	20	66	83	221	55	66
Nigde, TR713	Medium	0	0	4	33	56	52	0	15
	Large	0	0	0	0	0	0	0	0
	Micro	373	363	250	1,335	874	9,189	7,046	3,053
	Small	114	17	28	121	287	659	160	147
	Medium	38	21	2	34	128	141	22	38
Ordu, TR902	Large	0	11	0	0	17	0	0	3
	Micro	192	239	125	643	609	4,358	5,585	1,432
	Small								
Rize, TR904	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Sakarya, TR422	Small	104	3	17	65	192	369	55	101
	Medium	29	0	4	17	77	82	26	27
	Large	6	0	1	1	7	4	2	1
	Micro	430	532	633	1,649	1,284	11,835	5,885	4,621
	Small	136	54	133	265	380	949	219	252
Samsun, TR831	Medium	30	32	72	88	128	146	26	38
	Large	6	4	14	19	9	15	1	4
	Micro	620	827	640	2,274	2,185	17,323	9,424	5,055
	Small	198	47	75	352	767	1,387	243	331
	Medium	43	26	30	92	255	250	51	70
Siirt, TRC34	Large	6	5	5	17	18	19	7	7
	Micro	102	62	78	128	253	2,108	1,100	668
	Small	12	3	4	23	95	124	47	32
	Medium	3	1	1	5	46	31	12	8
	Large	0	0	0	1	8	1	0	2
Sinop, TR823	Micro	130	112	97	390	385	2,738	2,101	990
	Small	37	7	14	40	77	189	50	53
	Medium	6	8	4	42	28	32	3	5
	Large	0	6	0	0	0	0	0	0
	Micro	340	246	285	820	1,011	6,904	4,180	1,809
Sivas, TR722	Small	70	8	34	106	293	473	133	135
	Medium	16	10	9	36	132	112	19	29
	Large	0	0	2	8	0	7	0	0
	Micro	421	496	576	1,511	2,577	12,192	6,017	5,011
	Small	114	75	116	271	718	920	211	305
Tekirdag, TR211	Medium	25	90	0	138	139	164	0	31
	Large	0	80	12	54	10	0	0	0
	Micro	150	167	198	447	353	4,514	2,519	1,227
	Small	44	6	14	56	102	326	68	88
	Medium	13	7	5	24	51	64	22	16
Amasya, TR834	Large	3	0	0	10	4	6	0	1
	Micro	248	280	428	859	710	7,520	3,430	2,128
	Small								
Tokat, TR832	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Trabzon, TR901	Small	63	11	23	90	179	446	94	114
	Medium	11	21	3	42	97	84	13	18
	Large	0	5	0	3	5	0	2	0
	Micro	425	625	350	1,419	1,272	10,236	7,170	3,829
	Small	160	20	47	186	488	883	199	316
Tunceli, TRB14	Medium	45	8	19	54	321	203	68	77
	Large	5	0	1	5	21	15	3	8
	Micro	32	17	17	44	113	778	612	464
	Small	12	0	0	8	65	40	18	23
	Medium	1	0	0	4	33	9	3	3
Sanliurfa, TRC21	Large	0	0	0	0	1	0	0	0
	Micro	1,005	558	824	1,563	1,518	18,124	16,282	3,237
	Small	71	40	27	118	502	784	176	117
	Medium	23	45	4	47	266	185	124	32
	Large	1	6	0	9	22	18	16	4
Usak, TR334	Micro	162	760	224	668	737	5,819	2,187	1,898
	Small	43	167	34	123	140	403	108	116
	Medium	14	95	4	41	46	61	11	19
	Large	3	20	0	9	3	7	2	0
	Micro	300	232	261	818	813	7,628	9,885	2,066
Van, TRB21	Small	47	1	19	64	210	471	86	100
	Medium	24	1	3	28	192	108	21	20
	Large	1	0	0	4	19	5	3	3
	Micro	247	194	281	606	689	5,388	3,189	1,413
	Small	33	3	9	67	123	337	78	54
Yozgat, TR723	Medium	6	8	5	30	54	52	10	6
	Large	2	5	0	4	4	4	0	1
	Micro	221	298	242	912	687	8,078	6,197	3,034
	Small	85	15	51	102	187	624	125	184
	Medium	12	15	21	34	85	117	21	33
Zonguldak, TR811	Large	0	6	0	13	6	7	0	5
	Micro	176	218	236	470	521	5,307	2,156	1,575
	Small								
Aksaray, TR712	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Bayburt, TRA13	Small	58	9	23	62	138	341	114	95
	Medium	20	4	21	37	81	76	20	17
	Large	1	2	7	0	3	7	0	0
	Micro	51	26	27	107	136	838	700	281
	Small	8	0	2	10	45	53	9	15
Ankara, TR510	Medium	3	0	0	2	9	8	6	2
	Large	0	0	0	1	1	0	0	0
	Micro	1,039	2,424	3,051	9,608	11,178	55,558	28,005	14,654
	Small	338	213	1,213	2,157	6,310	6,959	1,188	2,426
	Medium	126	102	470	636	2,548	1,325	240	683
Karaman, TR522	Large	32	19	70	124	493	133	32	91
	Micro	184	108	261	421	437	3,319	1,294	887
	Small	32	6	23	40	109	165	54	44
	Medium	17	3	8	22	39	39	7	10
	Large	8	0	0	3	2	4	1	0
Kirikkale, TR711	Micro	119	133	138	319	408	3,427	1,773	911
	Small	24	2	16	41	114	207	56	67
	Medium	5	0	7	10	30	44	12	8
	Large	0	0	0	2	0	3	0	0
	Micro	134	151	121	386	354	3,883	1,868	1,252
Batman, TRC32	Small	19	19	13	61	204	381	94	62
	Medium	13	18	8	43	141	96	20	25
	Large	0	3	0	1	24	7	2	3
	Micro	0	0	0	0	117	0	0	0
	Small	0	0	0	21	0	0	0	0
Sirnak, TRC33	Medium	0	0	0	0	0	72	0	0
	Large	0	0	0	0	0	0	2	0
	Micro	71	92	119	362	232	2,536	1,808	1,277
	Small	25	6	11	44	80	199	48	73
	Medium	10	10	7	27	37	32	8	13
Bartın, TR813	Large	0	12	0	7	4	4	0	0
	Micro	45	16	30	98	100	1,046	0	354
Ardahan, TRA24									

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Igdir, TRA23	Small	21	0	0	10	14	53	13	19
	Medium	0	0	0	0	10	10	2	1
	Large	0	0	0	0	0	0	0	0
	Micro	54	55	68	199	133	2,161	2,283	688
	Small	10	1	2	16	28	115	43	31
Yalova, TR425	Medium	2	0	0	4	19	25	27	2
	Large	0	0	0	1	1	1	4	0
	Micro	112	141	152	452	696	3,506	2,108	1,453
	Small	30	17	30	70	179	266	45	114
	Medium	8	10	19	37	42	40	4	25
Karabük, TR812	Large	0	3	3	5	3	4	1	2
	Micro	146	138	87	351	460	3,204	2,060	1,150
	Small	40	10	13	51	173	233	59	76
	Medium	5	9	5	33	57	41	13	18
	Large	0	5	3	8	4	0	0	0
Kilis, TRC13	Micro	0	104	73	0	0	1,968	0	435
	Small	11	0	3	15	35	51	34	15
	Medium	0	0	0	0	0	13	0	0
	Large	0	0	0	0	0	0	0	0
	Micro	781	1,298	1,259	4,515	6,256	42,942	20,566	11,611
Antalya, TR611	Small	242	73	220	724	1,907	3,335	503	1,579
	Medium	56	16	46	166	661	548	63	390
	Large	11	4	9	23	84	57	11	230
	Micro	290	247	317	645	423	6,817	2,789	1,665
	Small	53	5	33	91	128	384	68	64
Osmaniye, TR633	Medium	14	8	14	31	121	69	17	18
	Large	0	4	3	8	4	8	1	1
	Micro	122	266	169	572	451	4,264	2,515	1,708
	Small	64	50	42	123	140	391	90	115
	Medium	14	41	19	54	64	76	25	25
Düzce, TR423	Large	1	10	5	15	3	4	0	3
	Micro	74	98	52	260	230	2,356	2,194	1,072
	Small								
Artvin, TR905	Medium								
	Large								
	Micro								

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services
Aydin, TR321	Small	25	0	4	25	74	138	51	55
	Medium	5	0	0	3	49	25	25	7
	Large	0	0	0	0	5	0	0	0
	Micro	644	669	795	1,974	2,954	18,920	6,977	7,170
	Small	181	38	98	189	711	1,125	202	470
	Medium	42	12	24	61	205	150	20	80
	Large	8	6	13	12	12	8	0	19
		43,748	83,150	69,957	176,101	196,670	1,117,352	521,353	347,304

Appendix D: Original Sample Design

Original Sample Design (Fresh)

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Balikesir, TR221	Micro	3	4	4	7	4	25	10	8	101
	Small	3	3	3	3	3	1	1	1	
	Medium	2	2	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Bilecik, TR413	Micro	3	2	2	2	2	11	1	3	56
	Small	2	3	3	2	2	1	1	1	
	Medium	1	3	1	1	1	1	1	1	
	Large	0	1	0	1	1	1	0	1	
Bingöl, TRB13	Micro	2	2	2	2	2	1	1	1	45
	Small	3	3	3	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Bitlis, TRB23	Micro	2	4	4	1	1	1	1	4	46
	Small	5	1	1	3	2	1	1	2	
	Medium	1	1	1	2	1	1	1	1	
	Large	0	0	0	1	2	0	0	0	
Bolu, TR424	Micro	1	1	1	1	1	3	2	1	41
	Small	3	2	2	2	1	1	1	1	
	Medium	2	2	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	0	1	
Burdur, TR613	Micro	3	5	5	14	15	16	25	16	158
	Small	4	4	5	5	10	2	1	1	
	Medium	3	2	2	2	4	1	1	1	
	Large	2	2	2	1	1	1	1	1	
Bursa, TR411	Micro	2	3	3	6	9	12	19	13	108
	Small	4	3	3	3	4	1	1	1	
	Medium	2	3	2	1	1	1	1	1	
	Large	2	1	1	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Çanakkale, TR222	Micro	1	2	1	1	1	1	1	1	27
	Small	2	0	1	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	1	
	Large	0	0	0	1	1	0	0	0	
Çankiri, TR822	Micro	2	2	3	4	5	10	3	8	70
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Çorum, TR833	Micro	3	3	3	5	5	13	7	11	83
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Adana, TR621	Micro	1	1	1	1	1	1	1	1	39
	Small	3	2	3	2	1	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Denizli, TR322	Micro	1	2	1	1	1	1	1	1	30
	Small	3	1	1	2	2	1	1	1	
	Medium	1	1	0	1	1	1	1	1	
	Large	0	0	0	0	1	1	0	0	
Diyarbakir, TRC22	Micro	2	4	5	1	1	1	1	3	50
	Small	4	1	1	3	2	1	1	2	
	Medium	1	1	1	2	1	1	1	1	
	Large	0	0	0	1	5	1	1	0	
Edirne, TR212	Micro	1	1	1	1	1	1	1	1	41
	Small	3	3	3	2	1	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
	Large	2	1	1	1	1	1	0	1	
Elazig, TRB12	Micro	2	1	1	1	1	2	1	1	40
	Small	3	1	3	2	1	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	0	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Erzincan, TRA12	Micro	3	7	5	9	5	11	9	13	110
	Small	4	5	4	4	4	2	1	1	
	Medium	2	3	2	1	1	1	1	1	
	Large	2	2	2	1	1	1	1	1	
Erzurum, TRA11	Micro	2	1	2	2	2	1	1	2	41
	Small	3	1	3	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	1	1	
Eskisehir, TR412	Micro	1	2	2	1	1	1	1	1	37
	Small	3	1	2	2	2	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
	Large	1	1	0	1	1	1	0	0	
Gaziantep, TRC11	Micro	2	2	2	2	2	3	1	1	46
	Small	3	2	3	1	2	1	1	1	
	Medium	1	2	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	0	1	
Giresun, TR903	Micro	2	6	3	4	4	6	1	5	65
	Small	3	4	3	2	2	1	1	1	
	Medium	1	2	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Gümüşhane, TR906	Micro	4	5	7	6	5	25	14	19	164
	Small	5	7	8	4	4	1	1	2	
	Medium	4	4	2	3	3	1	1	1	
	Large	1	1	0	2	14	4	4	2	
Adiyaman, TRC12	Micro	1	1	2	1	1	1	1	1	39
	Small	3	3	3	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	0	1	1	1	0	1	
Hakkari, TRB24	Micro	2	2	2	2	3	12	1	5	61
	Small	3	2	3	2	3	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
	Large	1	0	1	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Hatay, TR631	Micro	1	2	2	1	1	1	1	1	30
	Small	2	1	1	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	1	
	Large	0	0	0	0	1	1	0	1	
Isparta, TR612	Micro	1	2	2	3	2	17	5	5	66
	Small	3	1	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	1	1	
Mersin, TR622	Micro	2	2	2	1	1	3	2	1	51
	Small	4	3	3	2	2	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
	Large	1	2	2	1	1	1	1	1	
Istanbul, TR100	Micro	6	12	7	13	8	25	20	19	156
	Small	3	5	4	4	4	1	1	1	
	Medium	2	3	3	2	1	1	1	1	
	Large	1	2	1	1	1	1	1	1	
Izmir, TR310	Micro	1	2	2	2	2	8	8	5	64
	Small	3	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
	Large	1	1	1	0	1	1	1	1	
Kars, TRA22	Micro	1	2	1	1	1	1	1	1	31
	Small	3	1	1	2	2	1	1	1	
	Medium	1	0	1	1	1	1	1	1	
	Large	0	0	0	0	1	1	1	0	
Kastamonu, TR821	Micro	1	4	4	1	1	1	1	1	34
	Small	2	1	0	3	1	1	1	1	
	Medium	1	1	0	1	1	1	1	1	
	Large	0	0	0	0	1	0	1	1	
Kayseri, TR721	Micro	5	4	5	9	6	25	25	16	134
	Small	3	4	3	3	4	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kirklareli, TR213	Micro	1	2	1	1	1	2	1	1	47
	Small	4	3	3	2	2	1	1	1	
	Medium	3	2	1	2	1	1	1	1	
	Large	0	2	1	1	1	1	1	1	
Afyonkarahisar, TR332	Micro	3	3	3	5	5	23	12	11	98
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Kirsehir, TR715	Micro	6	49	38	64	58	75	75	75	960
	Small	75	26	27	23	27	37	15	20	
	Medium	11	26	30	21	22	7	17	16	
	Large	28	19	25	12	13	1	13	9	
Kocaeli, TR421	Micro	3	6	6	13	11	17	17	25	150
	Small	4	4	4	5	5	2	1	1	
	Medium	3	3	2	2	2	1	1	1	
	Large	2	2	2	1	1	1	1	1	
Konya, TR521	Micro	2	4	4	1	1	1	1	3	41
	Small	5	0	1	3	2	1	1	2	
	Medium	1	0	1	1	1	1	1	1	
	Large	0	0	0	1	1	0	0	0	
Kütahya, TR333	Micro	2	2	2	3	2	7	1	3	52
	Small	3	1	3	2	2	1	1	1	
	Medium	2	2	1	1	1	1	1	1	
	Large	1	2	0	1	1	1	0	0	
Malatya, TRB11	Micro	2	2	3	5	3	6	2	2	60
	Small	3	3	3	3	3	1	1	1	
	Medium	1	1	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
Manisa, TR331	Micro	1	1	1	1	1	1	1	1	39
	Small	3	3	3	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Kahramanmaras, TR632	Large	1	1	0	1	1	1	1	1	
	Micro	1	2	2	1	1	1	1	1	39
	Small	3	1	2	2	2	1	1	1	
	Medium	2	1	1	1	1	1	1	1	
Mardin, TRC31	Large	1	1	1	1	1	1	0	1	
	Micro	2	2	2	4	3	6	3	5	69
	Small	4	3	4	3	3	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Mugla, TR323	Large	2	2	2	1	1	1	1	1	
	Micro	3	4	8	9	6	25	18	9	119
	Small	3	3	4	3	3	1	1	1	
	Medium	2	1	2	1	1	1	1	1	
Mus, TRB22	Large	1	1	1	1	1	1	1	1	
	Micro	2	2	2	2	1	1	1	1	43
	Small	3	3	2	2	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
Agri, TRA21	Large	1	1	1	1	1	1	1	1	
	Micro	3	3	3	4	6	21	7	6	92
	Small	3	4	4	2	2	1	1	1	
	Medium	2	3	2	1	1	1	1	1	
Nevsehir, TR714	Large	1	2	1	1	1	1	1	1	
	Micro	3	3	3	5	5	18	7	9	86
	Small	3	3	3	2	3	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
Nigde, TR713	Large	1	1	1	1	1	1	1	1	
	Micro	3	4	5	6	4	25	13	7	109
	Small	3	4	4	3	3	1	1	1	
	Medium	2	3	2	1	1	1	1	1	
Ordu, TR902	Large	1	2	2	1	1	1	1	1	
	Micro	3	4	5	3	1	4	2	6	71
	Small	4	3	3	4	2	1	1	2	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Rize, TR904	Medium	4	3	1	2	1	1	1	1	
	Large	1	1	0	2	3	1	1	0	
	Micro	2	2	2	4	6	9	13	12	81
	Small	3	3	3	2	3	1	1	1	
Sakarya, TR422	Medium	1	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	1	1	
	Micro	2	4	5	1	1	1	1	2	51
	Small	4	1	2	3	2	1	1	2	
Samsun, TR831	Medium	2	1	1	2	1	1	1	1	
	Large	1	1	0	1	2	1	1	1	
	Micro	1	2	2	2	1	5	1	2	48
	Small	3	2	3	2	2	1	1	1	
Siirt, TRC34	Medium	2	1	2	1	1	1	1	1	
	Large	1	1	1	1	0	1	1	1	
	Micro	1	2	2	1	2	4	1	2	45
	Small	3	1	3	2	2	1	1	1	
Sinop, TR823	Medium	2	1	1	1	1	1	1	1	
	Large	0	2	1	1	1	1	0	1	
	Micro	2	3	2	5	3	22	14	8	95
	Small	3	3	4	2	3	1	1	1	
Sivas, TR722	Medium	2	3	1	1	1	1	1	1	
	Large	1	1	0	1	1	1	1	1	
	Micro	1	2	2	2	2	4	8	2	52
	Small	3	1	3	2	2	1	1	1	
Tekirdag, TR211	Medium	2	0	1	1	1	1	1	1	
	Large	1	0	1	1	1	1	1	1	
	Micro	2	2	2	2	1	4	2	3	56
	Small	4	3	3	2	2	1	1	1	
Amasya, TR834	Medium	2	2	2	1	1	1	1	1	
	Large	2	1	2	1	1	1	1	1	
	Micro	2	3	2	5	4	7	8	3	67
	Small	3	2	3	2	3	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Tokat, TR832	Medium	1	1	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
	Micro	2	4	5	1	1	1	1	2	44
	Small	3	1	1	3	2	1	1	1	
Trabzon, TR901	Medium	1	1	1	2	1	1	1	1	
	Large	0	0	0	1	2	1	0	1	
	Micro	1	2	2	1	1	1	1	1	39
	Small	3	2	3	2	2	1	1	1	
Tunceli, TRB14	Medium	2	2	1	1	1	1	1	1	
	Large	0	2	0	0	1	1	0	0	
	Micro	2	2	2	2	2	3	1	2	47
	Small	3	2	2	2	2	1	1	1	
Sanliurfa, TRC21	Medium	3	1	1	1	1	1	1	1	
	Large	0	1	1	1	1	1	1	1	
	Micro	2	2	2	3	5	1	3	4	55
	Small	3	3	3	2	3	1	1	1	
Usak, TR334	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
	Micro	2	2	2	1	1	2	1	1	40
	Small	2	3	2	2	1	1	1	1	
Van, TRB21	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	0	1	1	1	1	1	
	Micro	2	4	3	5	5	25	15	11	111
	Small	3	4	4	3	4	1	1	1	
Yozgat, TR723	Medium	2	2	2	1	2	1	1	1	
	Large	1	1	1	1	1	1	1	1	
	Micro	1	1	2	1	1	1	1	1	25
	Small	2	0	0	2	2	1	1	1	
Zonguldak, TR811	Medium	1	0	0	1	1	1	1	1	
	Large	0	0	0	0	1	0	0	0	
	Micro	6	6	9	8	6	25	25	15	169
	Small	5	7	7	4	4	1	1	2	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Aksaray, TR712	Medium	3	6	1	3	2	1	1	1	42
	Large	1	2	0	2	6	4	4	1	
	Micro	1	3	1	1	1	1	1	1	
	Small	3	3	3	2	2	1	1	1	
	Medium	1	2	1	1	1	1	1	1	
Bayburt, TRA13	Large	1	1	0	1	1	1	1	1	106
	Micro	3	5	6	4	2	9	25	9	
	Small	5	1	5	4	2	1	1	2	
	Medium	3	1	1	2	1	1	1	1	
	Large	1	0	0	1	5	2	1	1	
Ankara, TR510	Micro	2	1	2	1	1	6	3	3	46
	Small	3	1	2	2	1	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	1	1	1	1	1	0	1	
	Micro	1	2	1	2	1	5	2	2	
Karaman, TR522	Small	3	2	2	1	2	1	1	1	47
	Medium	1	2	2	1	1	1	1	1	
	Large	1	1	1	1	1	1	1	1	
	Micro	1	2	2	1	2	7	1	2	
	Small	3	2	3	2	2	1	1	1	
Kirikkale, TR711	Medium	2	1	2	1	1	1	1	1	48
	Large	1	1	1	0	1	1	0	0	
	Micro	1	1	1	1	1	1	1	1	
	Small	2	1	1	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	1	
Batman, TRC32	Large	0	0	0	1	1	0	0	0	27
	Micro	1	1	1	1	1	1	1	1	
	Small	2	1	1	2	2	1	1	1	
	Medium	1	0	0	1	1	1	1	1	
	Large	0	0	0	1	1	0	0	0	
Sirnak, TRC33	Micro	1	1	2	1	1	1	1	1	35
	Small	3	2	2	2	1	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
	Large	1	0	0	1	1	1	1	0	
	Micro	1	2	2	1	1	1	1	1	
Bartın, TR813	Small	3	1	3	2	2	1	1	1	36

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Ardahan, TRA24	Medium	1	1	2	1	1	1	1	1	
	Large	0	0	0	1	1	1	0	0	
	Micro	2	4	5	2	1	1	1	4	71
	Small	4	5	3	4	2	1	1	2	
	Medium	3	5	2	3	1	1	1	1	
Iğdir, TRA23	Large	0	1	0	1	6	2	1	1	
	Micro	1	4	4	1	1	1	1	1	43
	Small	2	1	1	3	2	1	1	2	
	Medium	1	1	1	2	1	1	1	1	
Yalova, TR425	Large	0	0	1	1	2	2	1	0	
	Micro	1	1	1	1	1	5	2	2	38
	Small	2	2	2	1	1	1	1	1	
	Medium	1	2	1	1	1	1	1	1	
Karabük, TR812	Large	0	1	0	1	1	1	0	0	
	Micro	1	3	4	1	1	1	1	1	31
	Small	5	0	0	3	1	1	1	2	
	Medium	1	0	0	0	1	1	1	1	
Kilis, TRC13	Large	0	0	0	0	0	0	0	0	
	Micro	1	4	5	1	1	1	1	2	39
	Small	3	1	1	3	1	1	1	2	
	Medium	1	0	0	1	1	1	1	1	
Antalya, TR611	Large	0	0	0	1	1	1	1	0	
	Micro	1	1	1	1	1	1	1	1	43
	Small	4	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Osmaniye, TR633	Large	0	1	1	1	1	1	1	1	
	Micro	1	1	1	1	1	5	4	3	46
	Small	3	2	3	1	2	1	1	1	
	Medium	1	1	1	1	1	1	1	1	
Düzce, TR423	Large	1	1	1	1	1	1	1	0	
	Micro	1	2	2	1	1	1	1	1	32
	Small	3	1	1	2	2	1	1	1	

		Food	Textiles & Wearing apparel	Fab Metal, Machinery, Motor Vehicles	Other Manufacturing	Construction	Wholesale & Retail	Transport	Other Services	Grand Total
Artvin, TR905	Medium	1	1	0	1	1	1	1	1	
	Large	0	0	0	1	1	0	1	0	
	Micro	2	2	2	2	1	13	1	3	58
	Small	3	1	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
Aydin, TR321	Large	0	1	1	1	1	1	1	1	
	Micro	2	2	1	1	1	2	1	1	48
	Small	4	3	3	2	2	1	1	1	
	Medium	2	2	2	1	1	1	1	1	
	Large	1	2	2	1	1	1	0	1	
		720	720	720	720	720	939	741	720	6,000