TCVS SAMPLING DESIGN

The sampling method used in the Turkish COVID-19 Values Study is presented below.

Initially, Turkey's 12 Level-1 statistical regions, which are determined according to Eurostat's Classification of Territorial Units for Statistics (NUTS), were used as a basis for the sample. These regions include Istanbul, West Marmara, Aegean, East Marmara, East Marmara, West Anatolia, Mediterranean, Central Anatolia, West Black Sea, East Black Sea, Northeast Anatolia, Middle East Anatolia and Southeast Anatolia. Out of these 12 regions, 12 provinces were selected for fieldwork: Istanbul, Tekirdağ, İzmir, Bursa, Ankara, Antalya, Kayseri, Erzurum, Gaziantep, Trabzon, Malatya and Zonguldak. In these provinces, a total of 30 districts were randomly selected, followed by a random selection of 64 neighborhoods in the 30 districts, where interviews were conducted (see Table 1).

Table 1. Sample distribution within NUTS-1

NUTS-1	Bölge	Şehir	İlçe	Mahalle
TR1	İstanbul	İstanbul	Bağcılar	Fatih Neighborhood
				Yenigün Neighborhood
			Beylikdüzü	Barış Neighborhood
				Büyükşehir Neighborhood
			Kadıköy	Feneryolu Neighborhood
				Kozyatağı Neighborhood
			Şişli	Eskişehir Neighborhood
				Fulya Neighborhood
			Üsküdar	Fatih Sultan Mehmet Neighborhood
				İstiklal Neighborhood
				Cumhuriyet Neighborhood
				Valide-i Atik Neighborhood
TR2	Batı Marmara	Tekirdağ	Süleymanpaşa	Çınarlı Neighborhood
				Hürriyet Neighborhood
				100. Yıl Neighborhood
TR3	Ege	İzmir	Bayraklı	Çay Neighborhood
				Muhittin Neighborhood
			Bornova	Rafet Paşa Neighborhood
				Yıldırım Beyazıt Neighborhood
			Karşıyaka	Alaybey Neighborhood

				Nergiz Neighborhood
			Konak	Altıntaş Neighborhood
				Atamer Neighborhood
TR4	Doğu Marmara	Bursa	Osmangazi	Hamitler Neighborhood
				Bağlarbaşı Neighborhood
			Yıldırım	Arabayatağı Neighborhood
				Millet Neighborhood
TR5	Batı Anadolu	Ankara	Mamak	Başak Neighborhood
				General Zeki Doğan Neighborhood
			Yenimahalle	Yeni Batı Neighborhood
				Kardelen Neighborhood
			Çankaya	Birlik Neighborhood
				Üniversiteler Neighborhood
			Keçiören	Basınevleri Neighborhood
				Yükseltepe Neighborhood
TR6	Akdeniz	Antalya	Döşemealtı	Bahçekaya Neighborhood
				Çıplaklı Neighborhood
			Konyaaltı	Liman Neighborhood
				Uncalı Neighborhood
			Muratpaşa	Meydankavağı Neighborhood
				Güzeloba Neighborhood
TR7	İç Anadolu	Kayseri	Kocasinan	Fevzi Çakmak Neighborhood
				Osman Gazi Neighborhood
			Talas	Yenidoğan Neighborhood
				Bahçelievler Neighborhood
TR8	Batı Karadeniz	Zonguldak	Alaplı	Karşıyaka Neighborhood
				Tepeköy Neighborhood
				Yeni Siteler Neighborhood
TR9	Doğu Karadeniz	Trabzon	Akçaabat	Söğütlü Neighborhood
				Yıldız Neighborhood
			Ortahisar	Pelitli Neighborhood
				2 Nolu Beşirli Neighborhood
TRA	Kuzey Doğu Anadolu	Erzurum	Aziziye	Ilıca Neighborhood
				Saltuklu Neighborhood
			Palandöken	Hüseyin Avni Ulaş Neighborhood
				Müftü Solakzade Neighborhood

TRB	Orta Doğu Anadolu	Malatya	Battalgazi	Fırat Neighborhood
				Orduzlu Neighborhood
			Yeşilyurt	Yakınca Neighborhood
				Tecde Neighborhood
TRC	Güney Doğu Anadolu	Gaziantep	Şahinbey	Yeditepe Neighborhood
				Güneykent Neighborhood
			Şehitkamil	Güvenevler Neighborhood
				Batıkent Neighborhood

To collect the questionnaires, random walk method was applied in the neighborhoods. This method ensures that people living on various streets of different neighborhoods have equal chances to be surveyed, depending on the population size of the districts. The random walk method includes the following steps:

1. Mapping the Streets in the Neighborhood: Each street was mapped in detail to ensure that the fieldwork was carried out in a systematic manner.

2. Selecting the First Building: The first building with a single digit number was selected at the beginning of each street and the interviewer entered this building. In this building, the interviewer knocked on the doors starting from the lowest door number. If nobody opened the door, the interviewer continued by knocking on the door of the next household. This process continued until a survey was completed or until all doors in the building were knocked.

3. Leaving the Building: The interviewer left the building once a survey was completed or no one in the building answered the door.

4. Moving to the Opposite Building: The interviewer moved to the building located diagonally across the first building and continued to knock on doors in this building, starting from the top floor. Likewise, the interviewer left the building when a questionnaire was completed in the building or when no one answered the door despite knocking on all the doors.

5. Completion of the Street: The interviewer continued working on the same street until a sufficient number of questionnaires were completed. A maximum limit of 3 surveys per street was set. When all eligible buildings in the street were completed or the limit of 3 questionnaires per street was reached, the interviewer moved on to the next street. This process continued until the interviewer reached the target sample within the neighborhood.

6. Completion of the Neighborhood: The walking procedure was implemented simultaneously by two separate teams working at either end of the neighborhood. When the neighborhood quota was completed, the team moved to the next neighborhood.

In order to determine the sample for the random walk method, the distribution of provinces, districts and neighborhoods was first obtained from the address-based population data publicly disclosed by TurkStat. The research sample was then distributed to provinces, districts and neighborhoods according to this data and a proportional quota sampling design was applied, aiming to collect 1500 surveys based on Turkey's population size, age and gender distribution. You can refer to Table 3 for the number of questionnaires collected in each region by age and gender distribution.

A total of 1849 potential respondents were reached during the fieldwork. Among these, 68 were not included in the survey due to quota limitations. 90 did not complete the survey and 201 refused to participate. As a result, 1500 valid samples were collected.

Tablo 2. Türkiye nüfusunun yaş ve cinsiyet dağılımının 1500 kişilik ankete oranlanmış hali

			18-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+
Türkiye	**Toplam**	**1500**	60	163	157	154	154	159	137	115	114	87	77	53	70
	Erkek	**743**	31	83	80	78	78	80	69	58	57	43	37	24	28
	Kadın	**757**	29	80	77	76	76	79	68	57	57	44	40	29	42
TR1	**Toplam**	**288**	**11**	**30**	**32**	**33**	**34**	**34**	**28**	**23**	**20**	**14**	**12**	**7**	**10**
	Erkek	**143**	6	15	16	17	17	17	14	12	10	7	5	3	4
	Kadın	**145**	5	15	16	16	17	17	14	11	10	7	7	4	6
TR2	**Toplam**	**71**	**2**	**7**	**6**	**6**	**6**	**7**	**6**	**6**	**6**	**6**	**4**	**4**	**5**
	Erkek	**36**	1	4	3	3	3	4	3	3	3	3	2	2	2
	Kadın	**35**	1	3	3	3	3	3	3	3	3	3	2	2	3
TR3	**Toplam**	**202**	**6**	**19**	**18**	**18**	**20**	**22**	**19**	**16**	**17**	**14**	**12**	**9**	**12**
	Erkek	**100**	3	10	9	9	10	11	10	8	8	7	6	4	5
	Kadın	**102**	3	9	9	9	10	11	9	8	9	7	6	5	7
TR4	**Toplam**	**152**	**5**	**14**	**16**	**16**	**16**	**16**	**14**	**12**	**12**	**10**	**8**	**6**	**7**
	Erkek	**76**	2	8	8	8	8	8	7	6	6	5	4	3	3
	Kadın	**76**	3	6	8	8	8	8	7	6	6	5	4	3	4
TR5	**Toplam**	**150**	**4**	**16**	**16**	**16**	**16**	**16**	**14**	**12**	**12**	**8**	**8**	**5**	**7**
	Erkek	**74**	2	8	8	8	8	8	7	6	6	4	4	2	3
	Kadın	**76**	2	8	8	8	8	8	7	6	6	4	4	3	4
TR6	**Toplam**	**190**	**8**	**19**	**18**	**18**	**20**	**20**	**18**	**16**	**16**	**12**	**10**	**7**	**8**
	Erkek	**94**	4	10	9	9	10	10	9	8	8	6	5	3	3
	Kadın	**96**	4	9	9	9	10	10	9	8	8	6	5	4	5
TR7	**Toplam**	**73**	**4**	**8**	**8**	**6**	**7**	**8**	**6**	**6**	**6**	**4**	**4**	**3**	**3**
	Erkek	**36**	2	4	4	3	4	4	3	3	3	2	2	1	1
	Kadın	**37**	2	4	4	3	3	4	3	3	3	2	2	2	2
TR8	**Toplam**	**88**	**4**	**8**	**7**	**8**	**8**	**8**	**8**	**6**	**8**	**6**	**6**	**4**	**7**
	Erkek	**43**	2	4	3	4	4	4	4	3	4	3	3	2	3
	Kadın	**45**	2	4	4	4	4	4	4	3	4	3	3	2	4
TR9	**Toplam**	**51**	**3**	**5**	**4**	**4**	**4**	**4**	**6**	**4**	**4**	**4**	**4**	**2**	**3**
	Erkek	**25**	1	3	2	2	2	2	3	2	2	2	2	1	1
	Kadın	**26**	2	2	2	2	2	2	3	2	2	2	2	1	2
TRA	**Toplam**	**36**	**2**	**6**	**4**	**4**	**4**	**4**	**2**	**2**	**2**	**2**	**2**	**1**	**1**
	Erkek	**18**	1	3	2	2	2	2	1	1	1	1	1	0	1
	Kadın	**18**	1	3	2	2	2	2	1	1	1	1	1	1	0
TRB	**Toplam**	**64**	**4**	**9**	**9**	**8**	**6**	**6**	**6**	**4**	**4**	**2**	**2**	**2**	**2**
	Erkek	**32**	2	5	4	4	3	3	3	2	2	1	1	1	1
	Kadın	**32**	2	4	5	4	3	3	3	2	2	1	1	1	1
TRC	**Toplam**	**135**	**9**	**20**	**19**	**17**	**14**	**14**	**10**	**8**	**7**	**5**	**4**	**3**	**5**
	Erkek	**68**	5	10	10	9	7	7	5	4	4	2	2	1	2
	Kadın	**67**	4	10	9	8	7	7	5	4	3	3	2	2	3