



**REPUBLIC OF TURKEY
MINISTRY OF HEALTH**

**COVID-19 Weekly Situation Report
20/07/2020 – 26/07/2020
Turkey**

27/07/2020

Summary

- After the first COVID-19 cases in Turkey were notified on 11 March 2020, 4.591.430 tests were performed in total. Between 20 - 26 July, 299.385 tests were performed.
- In total, 227.107 laboratory-confirmed COVID-19 cases, and 5.613 deaths due to COVID-19 have been reported in Turkey.
- The total number of hospitalizations was 123.300, and 3.583 patients were newly hospitalized between 20 - 26 July.
- Compared to the previous week, the number of new COVID-19 cases, deaths, and new hospitalizations decreased.
- The death rate of all confirmed cases was 2,47%.

Table 1: Summary Table of COVID-19, Turkey

Indicator	Total*	Last 7 Days**	Difference Between Previous Week	Change from Previous Week, (%)
Number of Tests	4.591.430	299.385	1.450	0,5
Number of New Cases	227.107	6.449	-180	-2,7
Number of Deaths	5.613	122	-6	-4,7
Number of New Hospitalizations	123.300	3.583	-124	-3,3
Number of New Intubated Patient	9.115	315	4	1,3
Number of New Hospital Discharges	121.481	3.394	-288	-7,8

* Total numbers including 26/07/2020, ** Numbers between 20/07/2020 – 26/07/2020

Epidemiological Situation in Turkey

Geographical Distribution of Cases

Since 11 March 2020, a total of 227.107 laboratory-confirmed cases of coronavirus disease (COVID-19) have been reported to the Ministry of Health (MoH), Turkey. New COVID-19 cases per 100.000 population over the past 7 days was 7,8 and cumulative nationwide incidence was 273,1 (Table 2).

Table 2: Number and Incidence per 100.000 Population of COVID-19 Cases by NUTS-1, Turkey

NUTS-1	Total Number of Cases*	Cases/ 100.000 Population	New Cases in Last 7 Days**	7 Day Incidence per 100.000 Population	Change from Previous Week, (%)
Istanbul	115.907	746,9	1.417	9,1	-16,6
Western Marmara	3.042	84,5	53	1,5	3,9
Aegean	14.883	140,2	524	4,9	31,7
Eastern Marmara	24.122	296,9	508	6,3	-8,5
Western Anatolia	19.469	239,6	921	11,3	-7,1
Mediterranean	6.823	64,2	404	3,8	4,9
Central Anatolia	3.929	96,4	296	7,3	28,1
Western Blacksea	5.513	118,1	189	4,1	8,6
Eastern Blacksea	2.357	87,6	132	4,9	10,0
Northeastern Anatolia	2.890	131,4	260	11,8	42,9
Mideastern Anatolia	4.193	106,7	255	6,5	5,4
Southeastern Anatolia	23.979	267,2	1.490	16,6	-6,9
Turkey	227.107	273,1	6.449	7,8	-2,7

* Total number of cases including 26/07/2020, ** Cases between 20/07/2020 – 26/07/2020

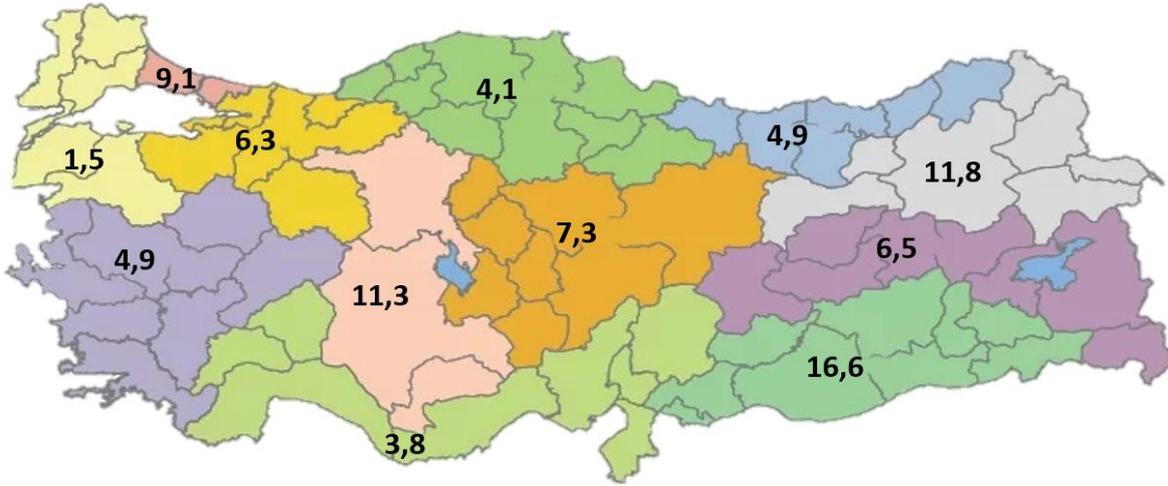


Figure 1: 7 Day Incidence per 100.000 Population of New COVID-19 Cases by NUTS-1, Turkey

Istanbul	9,1
Western Marmara	1,5
Aegean	4,9
Eastern Marmara	6,3
Western Anatolia	11,3
Mediterranean	3,8
Central Anatolia	7,3
Western Blacksea	4,1
Eastern Blacksea	4,9
Northeastern Anatolia	11,8
Mideastern Anatolia	6,5
Southeastern Anatolia	16,6
Turkey	7,8

Demographic Distribution of Cases

Of all reported cases, 48% were female and 52% were male. Among all those notified cases, 16.323 were children under 15 years of age (7,2%), 31.461 persons aged 15 to 24 years (13,9%), 112.275 persons aged 25 to 49 years (49,4%), 42.067 persons aged 50 to 64 years (18,5%), 19.164 persons aged 65 to 79 years (8,4%) and 5.816 persons aged 80 years and older (2,6%). The age is unknown for 1 notified cases. The highest 7-day incidences per 100.000 population of new COVID-19 cases were seen in the 25-49 age group (Figure 2).

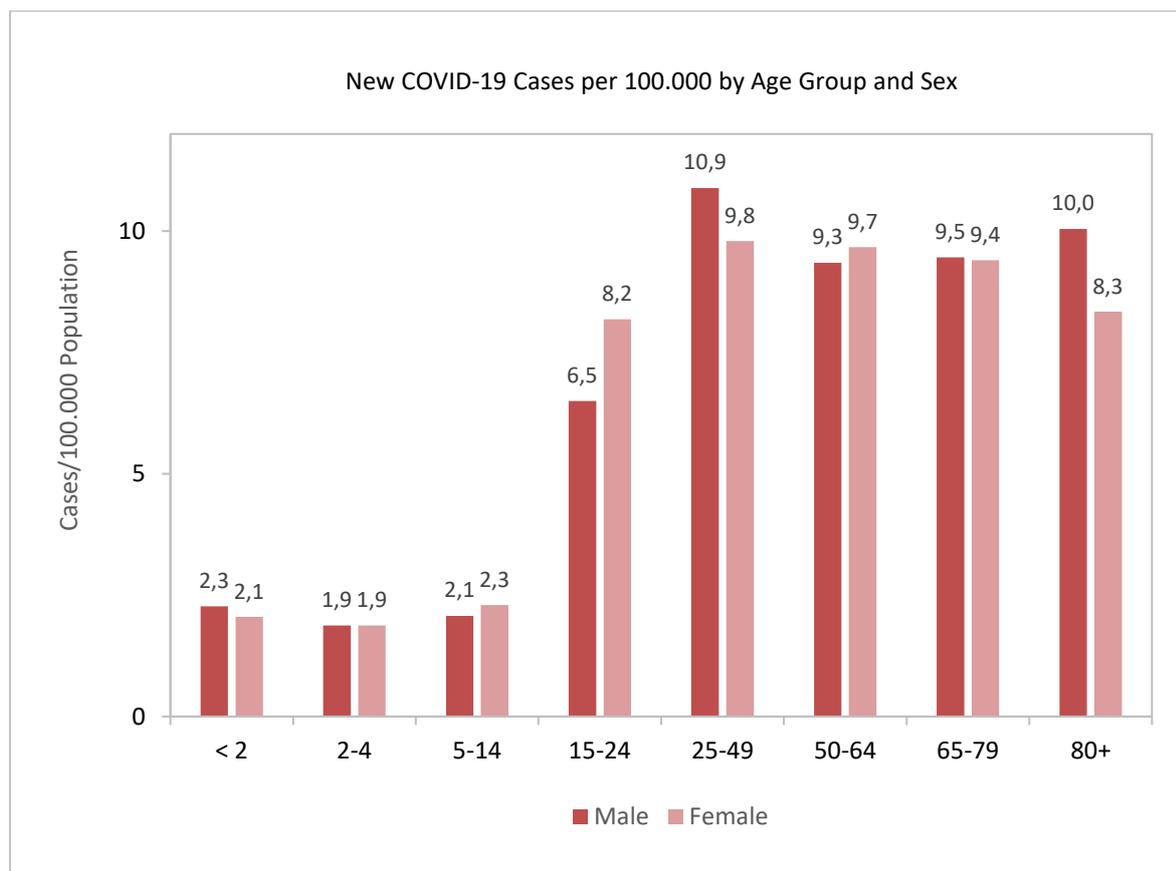


Figure 2: 7 Day Incidence per 100.000 Population of New COVID-19 Cases by Age Group and Sex, Turkey

Mortality

In total, 5.613 COVID-19 related deaths have been reported to and confirmed by MoH in Turkey. Death rate of all confirmed cases was 2,47%. The lowest death rates were 0,03% for aged 2-4, and 15-24, and when the highest death rate was 26,53% for patients aged 80 and older (Table 3).

Table 3: Death Rate of All Confirmed Cases by Age Group and Sex, (%), Turkey*

Death Rate**	Age Group							
	< 2	2-4	5-14	15-24	25-49	50-64	65-79	80+
Male	0,44	0,06	0,04	0,01	0,41	4,25	16,63	32,14
Female	0,26	0,00	0,05	0,04	0,20	1,74	8,89	22,50
Total	0,36	0,03	0,04	0,03	0,32	3,05	12,59	26,53

* Deaths including 26/07/2020

** The death rate was calculated as the total number of deaths by the relevant age group and sex divided by the total number of confirmed cases by the same group.

Of 5.613 COVID-19 related deaths, 3.494 (62%) were men and 2.119 (38%) were women. Of all deaths, 3.955 (70%) were in people aged 65 years or older, but only 11% of all cases were in this age group. So far, 12 deaths among COVID-19 cases under 15 years of age have been reported and confirmed by MoH (Table 4).

Table 4: Number of Notified COVID-19 Deaths by Age Group and Sex, Turkey*

	Age Group							
	< 2	2-4	5-14	15-24	25-49	50-64	65-79	80+
Male	4	1	2	2	250	933	1.521	781
Female	2	0	3	6	104	351	891	762
Total	6	1	5	8	354	1.284	2.412	1.543

* Deaths including 26/07/2020

The lowest number of deaths per 100.000 population were 1,3, 1,7 and 2,2 respectively for Mediterranean, Mideastern Anatolia and Central Anatolia regions (Table 5).

Table 5: Number and Incidence per 100.000 Population of COVID-19 Deaths by NUTS-1, Turkey

NUTS-1	Total Number of Deaths*	Number of Deaths/100.000 Population
Istanbul	2.773	17,9
Western Marmara	159	4,4
Aegean	539	5,1
Eastern Marmara	572	7,0
Western Anatolia	430	5,3
Mediterranean	142	1,3
Central Anatolia	89	2,2
Western Blacksea	191	4,1
Eastern Blacksea	97	3,6
Northeastern Anatolia	68	3,1
Mideastern Anatolia	68	1,7
Southeastern Anatolia	485	5,4
Turkey	5.613	6,8

* Total number of deaths including 26/07/2020

Outbreaks

The last 7-day incidence with more than new 15 cases per 100.000 population was observed in only Southeastern Anatolia Region. Mardin, Erzurum, Şanlıurfa, and Gaziantep have the highest incidence rate among metropolises in the last 7-days (23,0, 19,7, 19,2 and 18,3 respectively). On the other hand, Tekirdağ, Denizli, and Balıkesir have the lowest incidence rate among metropolises in the last 7-days (1,6, 1,3 and 1,1 respectively).

Hospital Care

As of 26/07/2020, the number of new hospitalizations was 123.300. The percentage of hospitalizations was 54,3% among all COVID-19 cases. 7,4% of all hospitalized patients were intubated and 98,5% were discharged from hospital.

Notes:

- All COVID-19 cases are laboratory confirmed.
- COVID-19 deaths in the Weekly Situation Report are confirmed by Ministry of Health.
- Data in the Weekly Situation Report includes the period between 00:00 and 23:59.
- Percentage change is an indicator that represents the degree of change over the previous week. The calculation is as follows:

$$\text{Percent change} = \frac{(\text{New value} - \text{Old value})}{\text{Old value}} * 100$$

Definitions of COVID-19 Indicators

- **Number of Tests:** It represents the total number of all tests for COVID-19 (including resulting tests, requiring re-tests or inappropriate samples) performed during the week of reporting.
- **Number of New Cases:** It represents the number of newly confirmed COVID-19 cases for the week of reporting.
- **Number of Deaths:** It represents the number of notified deaths by MoH among confirmed COVID-19 cases.
- **Number of New Hospitalizations:** It represents the number of confirmed COVID-19 cases newly hospitalized for the week of reporting. As of the first COVID-19 cases in Turkey were notified on 11 March 2020, cases more than once hospitalized are included only once in the number of new hospitalizations.
- **Number of New Intubated Patients:** It represents the number of confirmed COVID-19 cases newly intubated for the week of reporting. As of the first COVID-19 cases in Turkey were notified on 11 March 2020, cases more than once intubated are included only once in the number of new intubated patients.
- **Number of New Hospital Discharges:** It represents the number of confirmed cases newly discharged from hospital for the week of reporting. As of the first COVID-19 cases in Turkey were notified on 11 March 2020, cases more than once discharged from hospital are included only once in the number of new hospital discharges.