



**REPUBLIC OF TURKEY  
MINISTRY OF HEALTH**

**COVID-19 Weekly Situation Report  
27/07/2020 – 02/08/2020  
Turkey**

**03/08/2020**

### Summary

- After the first COVID-19 patients in Turkey were notified on 11 March 2020, 4.904.695 tests were performed in total. Between 27 July - 2 August, 313.265 tests were performed.
- In total, 233.860 laboratory-confirmed COVID-19 patients, and 5.728 deaths due to COVID-19 have been reported in Turkey.
- The total number of hospitalizations was 126.865, and 3.565 patients were newly hospitalized between 27 July - 2 August.
- Compared to the previous week, the number of COVID-19 tests increased, the number of deaths, and new hospitalizations decreased.
- The death rate of all confirmed patients was 2,45%.

**Table 1:** Summary Table of COVID-19, Turkey

Indicator	Total*	Last 7 Days**	Difference Between Previous Week	Change from Previous Week, (%)
Number of Tests	4.904.695	313.265	13.880	4,6
Number of New Patients	233.860	6.753	304	4,7
Number of Deaths	5.728	115	-7	-5,7
Number of New Hospitalizations	126.865	3.565	-18	-0,5
Number of New Intubated Patient	9.431	316	1	0,3
Number of New Hospital Discharges	124.856	3.375	-19	-0,6

\* Total numbers including 02/08/2020, \*\* Numbers between 27/07/2020 – 02/08/2020

## Epidemiological Situation in Turkey

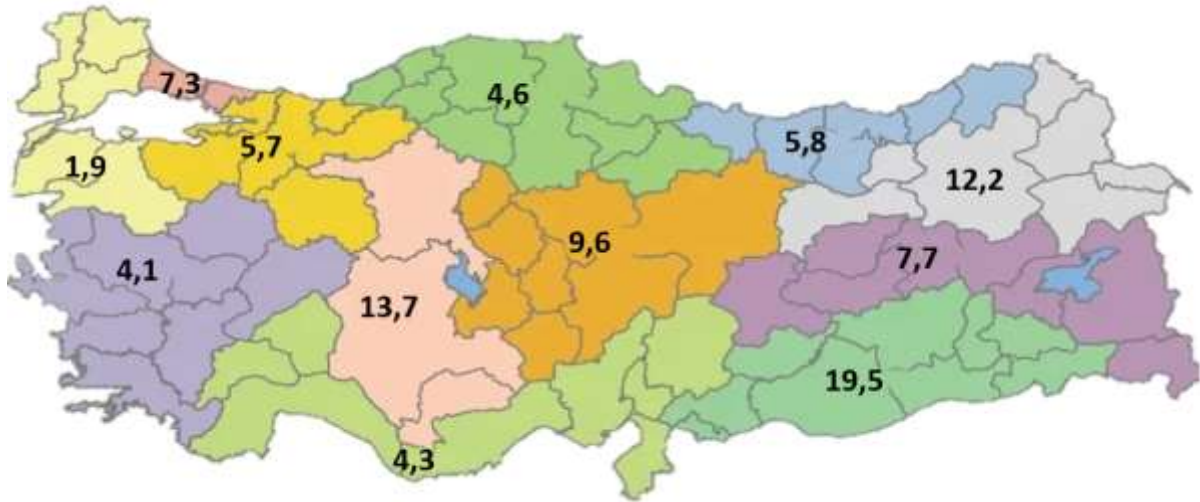
### Geographical Distribution of Patients

Since 11 March 2020, a total of 233.860 laboratory-confirmed patients of coronavirus disease (COVID-19) have been reported to the Ministry of Health (MoH), Turkey. New COVID-19 patients per 100.000 population over the past 7 days was 8,1 and cumulative nationwide incidence was 281,2 (Table 2).

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

NUTS-1	Total Number of Patients*	Patients/ 100.000 Population	New Patients in Last 7 Days**	7 Day Incidence per 100.000 Population	Change from Previous Week, (%)
Istanbul	117.043	754,2	1.136	7,3	-19,8
Western Marmara	3.112	86,4	70	1,9	32,1
Aegean	15.316	144,2	433	4,1	-17,4
Eastern Marmara	24.588	302,6	466	5,7	-8,3
Western Anatolia	20.579	253,3	1.110	13,7	20,5
Mediterranean	7.285	68,5	462	4,3	14,4
Central Anatolia	4.319	106,0	390	9,6	31,8
Western Blacksea	5.727	122,7	214	4,6	13,2
Eastern Blacksea	2.514	93,5	157	5,8	18,9
Northeastern Anatolia	3.158	143,5	268	12,2	3,1
Mideastern Anatolia	4.494	114,3	301	7,7	18,0
Southeastern Anatolia	25.725	286,6	1.746	19,5	17,2
<b>Turkey</b>	<b>233.860</b>	<b>281,2</b>	<b>6.753</b>	<b>8,1</b>	<b>4,7</b>

\* Total number of patients including 02/08/2020, \*\* Patients between 27/07/2020 – 02/08/2020

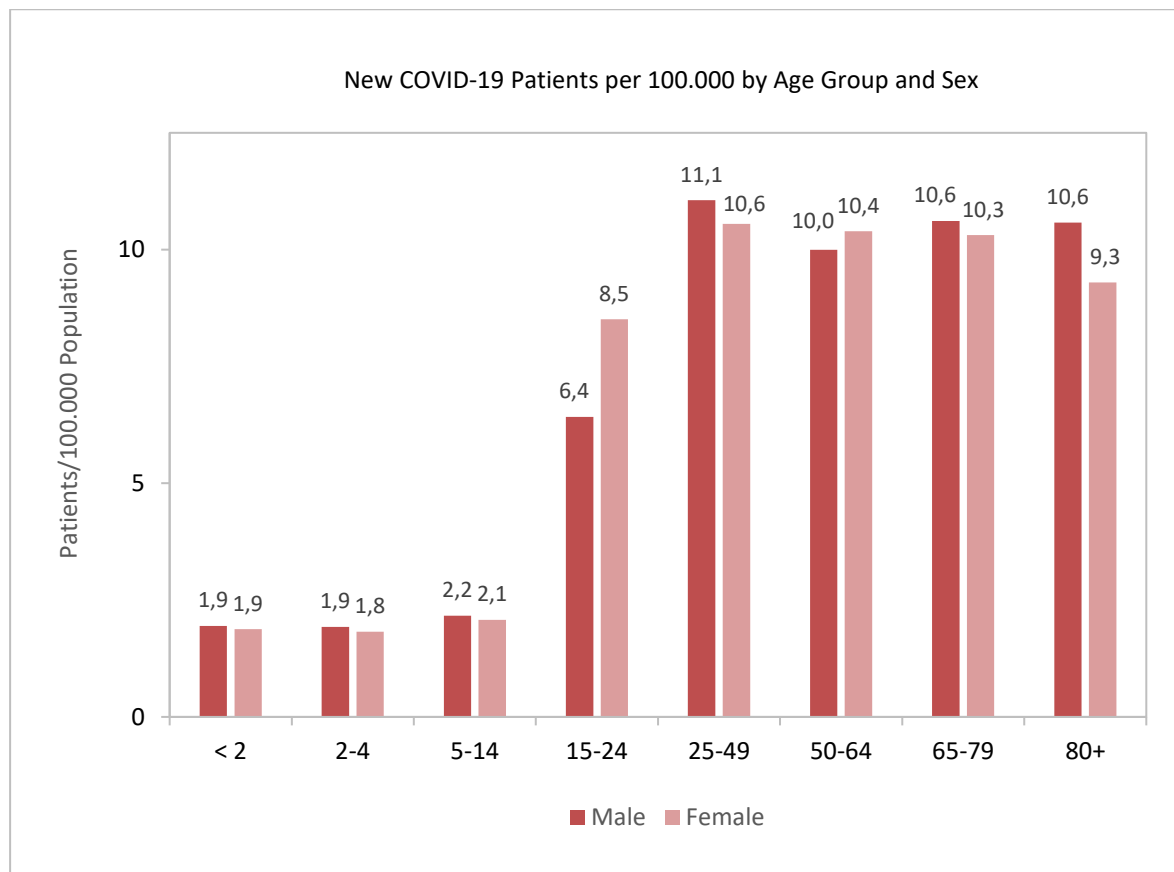


**Figure 1:** 7 Day Incidence per 100.000 Population of New COVID-19 Patients by NUTS-1, Turkey

Istanbul	7,3
Western Marmara	1,9
Aegean	4,1
Eastern Marmara	5,7
Western Anatolia	13,7
Mediterranean	4,3
Central Anatolia	9,6
Western Blacksea	4,6
Eastern Blacksea	5,8
Northeastern Anatolia	12,2
Mideastern Anatolia	7,7
Southeastern Anatolia	19,5
<b>Turkey</b>	<b>8,1</b>

### Demographic Distribution of Patients

Of all reported patients, 48% were female and 52% were male. Among all those notified patients, 16.716 were children under 15 years of age (7,1%), 32.425 persons aged 15 to 24 years (13,9%), 115.605 persons aged 25 to 49 years (49,4%), 43.354 persons aged 50 to 64 years (18,5%), 19.796 persons aged 65 to 79 years (8,5%) and 5.963 persons aged 80 years and older (2,5%). The age is unknown for 1 notified patients. The highest 7-day incidences per 100.000 population of new COVID-19 patients were seen in the 25-49 age group (Figure 2).



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

### Mortality

In total, 5.728 COVID-19 related deaths have been reported to and confirmed by MoH in Turkey. Death rate of all confirmed patients was 2,45%. The lowest death rates were 0,03% for aged 2-4, and 15-24, and when the highest death rate was 26,31% for patients aged 80 and older (Table 3).

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

Death Rate**	Age Group							
	< 2	2-4	5-14	15-24	25-49	50-64	65-79	80+
<b>Male</b>	0,43	0,06	0,03	0,01	0,41	4,22	16,43	31,81
<b>Female</b>	0,25	0,00	0,05	0,04	0,20	1,73	8,80	22,37
<b>Total</b>	<b>0,35</b>	<b>0,03</b>	<b>0,04</b>	<b>0,03</b>	<b>0,31</b>	<b>3,03</b>	<b>12,44</b>	<b>26,31</b>

\* Deaths including 02/08/2020

\*\* 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 patients by the same group.

Of 5.728 COVID-19 related deaths, 3.562 (62%) were men and 2.166 (38%) were women. Of all deaths, 4.031 (70%) were in people aged 65 years or older, but only 11% of all patients were in this age group. So far, 12 deaths among COVID-19 patients 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+
<b>Male</b>	4	1	2	2	257	953	1.551	792
<b>Female</b>	2	0	3	7	106	360	911	777
<b>Total</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>9</b>	<b>363</b>	<b>1.313</b>	<b>2.462</b>	<b>1.569</b>

\* Deaths including 02/08/2020

The lowest number of deaths per 100.000 population were 1,4, 1,9 and 2,3 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	2.791	18,0
Western Marmara	160	4,4
Aegean	547	5,2
Eastern Marmara	582	7,2
Western Anatolia	453	5,6
Mediterranean	150	1,4
Central Anatolia	92	2,3
Western Blacksea	193	4,1
Eastern Blacksea	100	3,7
Northeastern Anatolia	69	3,1
Mideastern Anatolia	74	1,9
Southeastern Anatolia	517	5,8
<b>Turkey</b>	<b>5.728</b>	<b>6,9</b>

\* Deaths including 02/08/2020

## Outbreak

The last 7-day incidence with more than new 15 patients per 100.000 population was observed in only Southeastern Anatolia Region. Mardin, Şanlıurfa, and Erzurum have the highest incidence rate among metropolises in the last 7-days (respectively 27,2, 26,9 and 24,1). On the other hand, Muğla, Balıkesir, and Denizli have the lowest incidence rate among metropolises in the last 7-days (respectively 1,5, 1,2 and 0,6).

## Hospital Care

As of 02/08/2020, the number of new hospitalizations was 126.865. The percentage of hospitalizations was 54,2% among all COVID-19 patients. 7,4% of all hospitalized patients were intubated and 98,4% were discharged from hospital.

## Notes:

- All COVID-19 patients 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 Patients:** It represents the number of diagnosed patients for the week of reporting.
- **Number of Deaths:** It represents the number of notified deaths by MoH among confirmed COVID-19 patients.
- **Number of New Hospitalizations:** It represents the number of confirmed COVID-19 patients newly hospitalized for the week of reporting. As of the first COVID-19 patients in Turkey were notified on 11 March 2020, patients 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 patients newly intubated for the week of reporting. As of the first COVID-19 patients in Turkey were notified on 11 March 2020, patients 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 patients newly discharged from hospital for the week of reporting. As of the first COVID-19 patients in Turkey were notified on 11 March 2020, patients more than once discharged from hospital are included only once in the number of new hospital discharges.