



**REPUBLIC OF TURKEY  
MINISTRY OF HEALTH**

**COVID-19 Weekly Situation Report  
03/08/2020 – 09/08/2020  
Turkey**

**10/08/2020**

### Summary

- After the first COVID-19 patients in Turkey were notified on 11 March 2020, 5.282.615 tests were performed in total. Between 3 - 9 August, 377.920 tests were performed.
- In total, 241.808 laboratory-confirmed COVID-19 patients, and 5.844 deaths due to COVID-19 have been reported in Turkey.
- The total number of hospitalizations was 130.814, and 3.949 patients were newly hospitalized between 3 - 9 August.
- Compared to the previous week, the number of COVID-19 tests increased.
- The death rate of all confirmed patients was 2,42%.

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

Indicator	Total*	Last 7 Days**	Difference Between Previous Week	Change from Previous Week, (%)
Number of Tests	5.282.615	377.920	64.655	20,6
Number of New Patients	241.808	7.948	1.195	17,7
Number of Deaths	5.844	116	1	0,9
Number of New Hospitalizations	130.814	3.949	384	10,8
Number of New Intubated Patient	9.780	349	33	10,4
Number of New Hospital Discharges	128.150	3.294	-81	-2,4

\* Total numbers including 09/08/2020, \*\* Numbers between 03/08/2020 – 09/08/2020

## Epidemiological Situation in Turkey

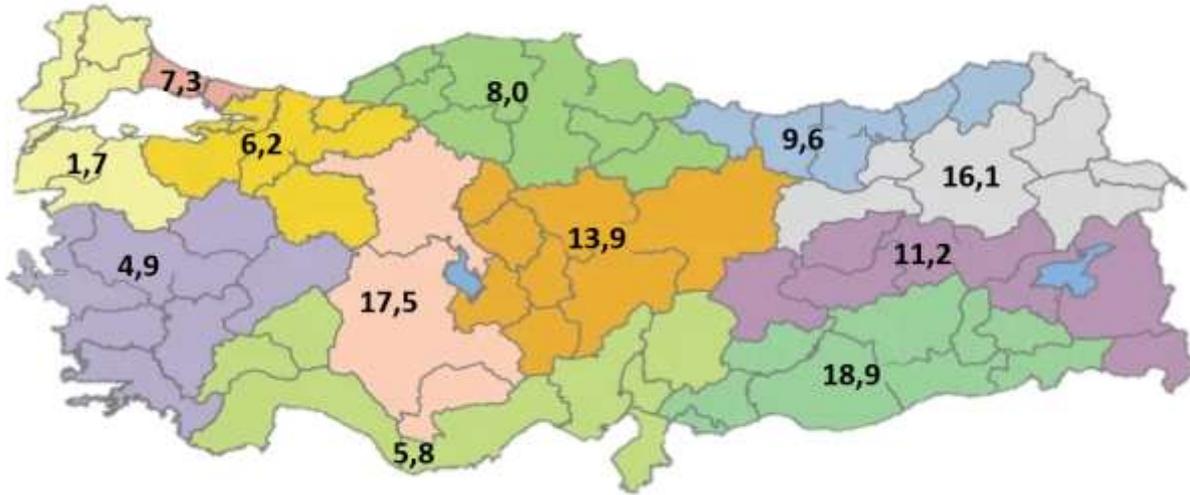
### Geographical Distribution of Patients

Since 11 March 2020, a total of 241.808 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 9,6 and cumulative nationwide incidence was 290,8 (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	118.182	761,5	1.139	7,3	0,3
Western Marmara	3.173	88,1	61	1,7	-12,9
Aegean	15.839	149,2	523	4,9	20,8
Eastern Marmara	25.090	308,8	502	6,2	7,7
Western Anatolia	21.999	270,8	1.420	17,5	27,9
Mediterranean	7.904	74,4	619	5,8	34,0
Central Anatolia	4.886	119,9	567	13,9	45,4
Western Blacksea	6.102	130,8	375	8,0	75,2
Eastern Blacksea	2.771	103,0	257	9,6	63,7
Northeastern Anatolia	3.512	159,6	354	16,1	32,1
Mideastern Anatolia	4.933	125,5	439	11,2	45,8
Southeastern Anatolia	27.417	305,5	1.692	18,9	-3,1
<b>Turkey</b>	<b>241.808</b>	<b>290,8</b>	<b>7.948</b>	<b>9,6</b>	<b>17,7</b>

\* Total number of patients including 09/08/2020, \*\* Patients between 03/08/2020 – 09/08/2020

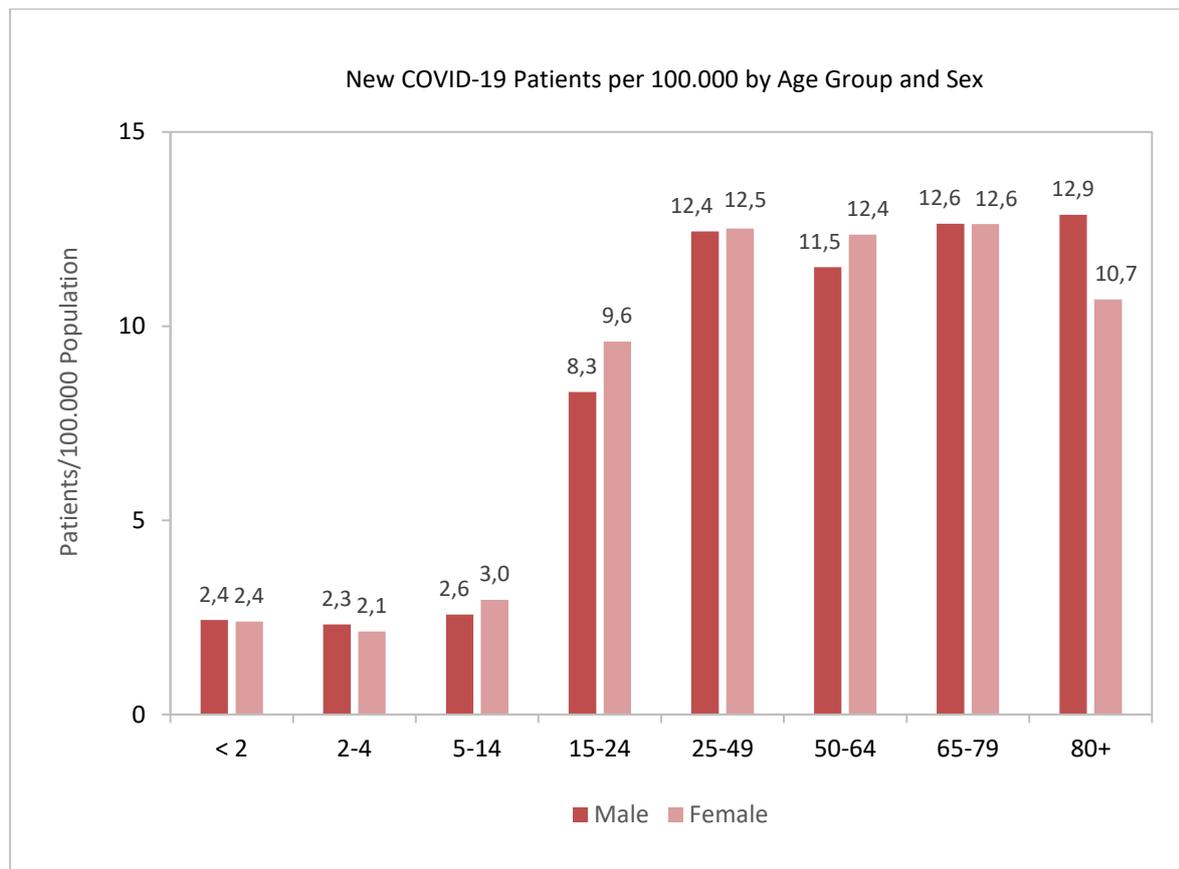


**Figure 1:** 7 Day Incidence per 100.000 Population of New COVID-19 Patients by NUTS-1, Turkey

Istanbul	7,3
Western Marmara	1,7
Aegean	4,9
Eastern Marmara	6,2
Western Anatolia	17,5
Mediterranean	5,8
Central Anatolia	13,9
Western Blacksea	8,0
Eastern Blacksea	9,6
Northeastern Anatolia	16,1
Mideastern Anatolia	11,2
Southeastern Anatolia	18,9
<b>Turkey</b>	<b>9,6</b>

### Demographic Distribution of Patients

Of all reported patients, 48% were female and 52% were male. Among all those notified patients, 17.217 were children under 15 years of age (7,1%), 33.583 persons aged 15 to 24 years (13,9%), 119.450 persons aged 25 to 49 years (49,4%), 44.861 persons aged 50 to 64 years (18,6%), 20.560 persons aged 65 to 79 years (8,5%) and 6.136 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 males aged 80 and over (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, 5.844 COVID-19 related deaths have been reported to and confirmed by MoH in Turkey. The death rate of all confirmed patients was 2,42%. The lowest death rates were 0,03% for aged 2-4, and 15-24, and when the highest death rate was 26,19% 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>	0,42	0,06	0,03	0,01	0,40	4,15	16,17	31,64
<b>Female</b>	0,24	0,00	0,05	0,05	0,20	1,68	8,68	22,28
<b>Total</b>	<b>0,34</b>	<b>0,03</b>	<b>0,04</b>	<b>0,03</b>	<b>0,31</b>	<b>2,96</b>	<b>12,25</b>	<b>26,19</b>

\* Deaths including 09/08/2020

\*\* 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 5.844 COVID-19 related deaths, 3.631 (62%) were men and 2.213 (38%) were women. Of all deaths, 4.125 (71%) 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	261	967	1.583	811
<b>Female</b>	2	0	3	8	107	362	935	796
<b>Total</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>10</b>	<b>368</b>	<b>1.329</b>	<b>2.518</b>	<b>1.607</b>

\* Deaths including 09/08/2020

The lowest number of deaths per 100.000 population were 1,5, 2,1 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	2.811	18,1
Western Marmara	160	4,4
Aegean	553	5,2
Eastern Marmara	590	7,3
Western Anatolia	471	5,8
Mediterranean	156	1,5
Central Anatolia	93	2,3
Western Blacksea	193	4,1
Eastern Blacksea	101	3,8
Northeastern Anatolia	70	3,2
Mideastern Anatolia	81	2,1
Southeastern Anatolia	565	6,3
<b>Turkey</b>	<b>5.844</b>	<b>7,0</b>

\* Deaths including 09/08/2020

## Outbreak

The last 7-day incidence with more than new 15 patients per 100.000 population was observed in Southeastern Anatolia, Western Anatolia, and Northeastern Anatolia Regions. Mardin, Erzurum, and Konya have the highest incidence rate among metropolises in the last 7-days (38,4, 29,9 and 22,9 respectively). On the other hand, Denizli, Balıkesir, and Muğla have the lowest incidence rate among metropolises in the last 7-days (1,8, 1,8 and 1,5 respectively).

## Hospital Care

As of 09/08/2020, the number of new hospitalizations was 130.814. The percentage of hospitalizations was 54,1% among all COVID-19 patients. 7,5% of all hospitalized patients were intubated and 98,0% 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.