



**REPUBLIC OF TURKEY
MINISTRY OF HEALTH**

**COVID-19 Weekly Situation Report
24/08/2020 – 30/08/2020
Turkey**

31/08/2020

Summary

- After the first COVID-19 patients in Turkey were notified on 11 March 2020, 7.047.282 tests were performed in total. Between 24 - 30 August, 700.942 tests were performed.
- In total, 269.550 laboratory-confirmed COVID-19 patients, and 6.326 deaths due to COVID-19 have been reported in Turkey.
- The total number of hospitalizations was 141.503, and 3.886 patients were newly hospitalized between 24 - 30 August.
- Compared to the previous week, the number of COVID-19 tests increased.
- The death rate of all confirmed patients was 2,35%.

Table 1: Summary Table of COVID-19, Turkey

Indicator	Total*	Last 7 Days**	Difference Between Previous Week	Change from Previous Week, (%)
Number of Tests	7.047.282	700.942	98.653	16,4
Number of New Patients	269.550	10.297	1.357	15,2
Number of Deaths	6.326	205	58	39,5
Number of New Hospitalizations	141.503	3.886	490	14,4
Number of New Intubated Patient	11.212	521	4	0,8
Number of New Hospital Discharges	137.548	3.063	-39	-1,3

* Total numbers including 30/08/2020, ** Numbers between 24/08/2020 – 30/08/2020

Epidemiological Situation in Turkey

Geographical Distribution of Patients

Since 11 March 2020, a total of 269.550 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 12,4 and cumulative nationwide incidence was 324,2 (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	121.179	780,8	1.212	7,8	34,2
Western Marmara	3.379	93,8	64	1,8	-7,2
Aegean	17.353	163,4	604	5,7	26,6
Eastern Marmara	26.791	329,7	634	7,8	16,8
Western Anatolia	27.487	338,3	2.274	28,0	40,8
Mediterranean	10.115	95,2	804	7,6	19,6
Central Anatolia	7.957	195,2	1.310	32,1	23,2
Western Blacksea	7.616	163,2	583	12,5	20,0
Eastern Blacksea	3.643	135,4	283	10,5	-6,3
Northeastern Anatolia	4.977	226,2	491	22,3	-4,8
Mideastern Anatolia	7.023	178,7	788	20,0	16,9
Southeastern Anatolia	32.030	356,9	1.250	13,9	-22,8
Turkey	269.550	324,2	10.297	12,4	15,2

* Total number of patients including 30/08/2020, ** Patients between 24/08/2020 – 30/08/2020

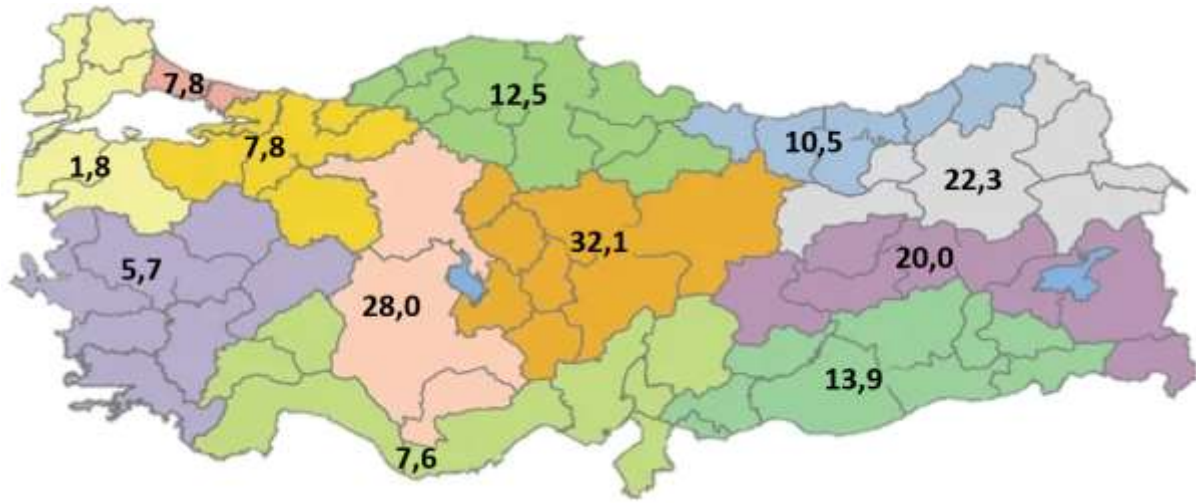


Figure 1: 7 Day Incidence per 100.000 Population of New COVID-19 Patients by NUTS-1, Turkey

Istanbul	7,8
Western Marmara	1,8
Aegean	5,7
Eastern Marmara	7,8
Western Anatolia	28,0
Mediterranean	7,6
Central Anatolia	32,1
Western Blacksea	12,5
Eastern Blacksea	10,5
Northeastern Anatolia	22,3
Mideastern Anatolia	20,0
Southeastern Anatolia	13,9
Turkey	12,4

Demographic Distribution of Patients

Of all reported patients, 49% were female and 51% were male. Among all those notified patients, 18.563 were children under 15 years of age (6,9%), 37.456 persons aged 15 to 24 years (13,9%), 133.078 persons aged 25 to 49 years (49,4%), 50.303 persons aged 50 to 64 years (18,7%), 23.358 persons aged 65 to 79 years (8,7%) and 6.791 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).

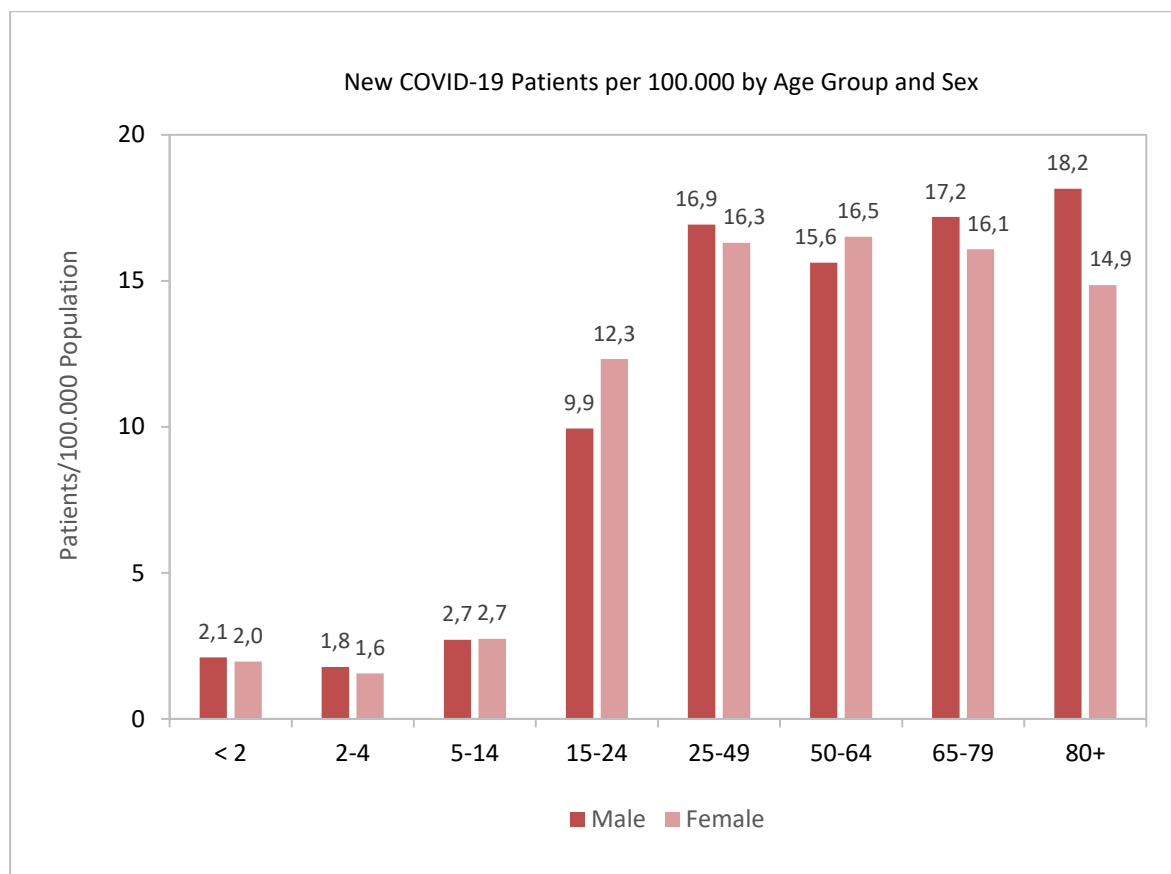


Figure 2: 7 Day Incidence per 100.000 Population of New COVID-19 Patients by Age Group and Sex, Turkey

Mortality

In total, 6.326 COVID-19 related deaths have been reported to and confirmed by MoH in Turkey. Death rate of all confirmed patients was 2,35%. The lowest death rates were 0,03% for aged 2-4, and 15-24, and when the highest death rate was 25,77% 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+
Male	0,38	0,05	0,03	0,01	0,39	4,00	15,54	31,16
Female	0,22	0,00	0,05	0,04	0,20	1,56	8,30	21,88
Total	0,31	0,03	0,04	0,03	0,30	2,81	11,73	25,77

* Deaths including 30/08/2020

** 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 6.326 COVID-19 related deaths, 3.930 (62%) were men and 2.396 (38%) were women. Of all deaths, 4.491 (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+
Male	4	1	2	2	276	1.035	1.723	887
Female	2	0	3	8	121	381	1.018	863
Total	6	1	5	10	397	1.416	2.741	1.750

* Deaths including 30/08/2020

The lowest number of deaths per 100.000 population were 1,6, 2,5 and 2,6 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	2.865	18,5
Western Marmara	164	4,6
Aegean	591	5,6
Eastern Marmara	623	7,7
Western Anatolia	576	7,1
Mediterranean	170	1,6
Central Anatolia	107	2,6
Western Blacksea	206	4,4
Eastern Blacksea	110	4,1
Northeastern Anatolia	77	3,5
Mideastern Anatolia	97	2,5
Southeastern Anatolia	740	8,2
Turkey	6.326	7,6

* Deaths including 30/08/2020

Outbreak

The last 7-day incidence with more than new 15 patients per 100.000 population was observed in Central Anatolia, Western Anatolia, Northeastern Anatolia, and Mideastern Anatolia Regions. Malatya, Kayseri, and Konya have the highest incidence rate among metropolises in the last 7-days (37,6, 33,3 and 31,7 respectively). On the other hand, Balıkesir, Tekirdağ and, Hatay have the lowest incidence rate among metropolises in the last 7-days (2,2, 1,1 and 0,9 respectively).

Hospital Care

As of 30/08/2020, the number of new hospitalizations was 141.503. The percentage of hospitalizations was 52,5% among all COVID-19 patients. 7,9% of all hospitalized patients were intubated and 97,2% 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:

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

- Hospital discharge includes recovery, death, self-healing, and referral.

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.