

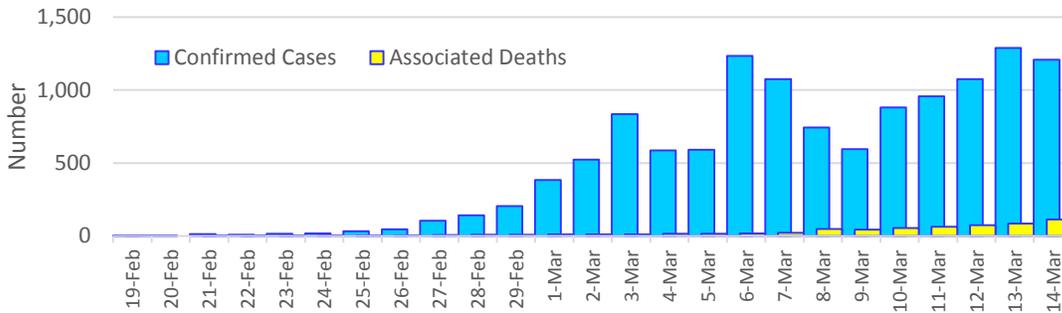
Daily Situation Report on Coronavirus disease (COVID-19) in Iran

March 15, 2020

National Committee on COVID-19 Epidemiology

Ministry of Health and Medical Education, IR Iran

Confirmed Cases and Associated deaths



Total lab-confirmed cases
13,938

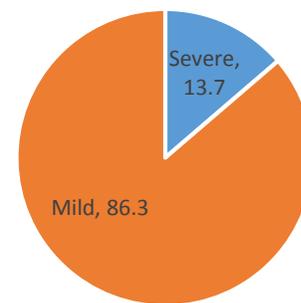
Total associated deaths
724

Total recovered cases
4,590

New cases
1,209

	Recovered	Deaths
Age (Year)		
Mean	51	65.5
Median	50	67
Minimum	< 1	3
Maximum	91	97
Gender		
Male	58%	59%
Female	42%	41%

Proportion of more severe forms of the disease to total confirmed cases



Top 3 Provinces Based on Recovery Rate*

- Markazi (1st)
- Semnan (2nd)
- Kordestan (3rd)

Age Groups with Highest Recovery Rate*

- 40-49 years (1st)
- 30-40 years (2nd)

Based on available data, we considered patients with death outcome, as well as those admitted to ICU or under mechanical ventilation as more severe cases. The information in this chart is based on hospitalized cases, and outpatients are not included in this calculation. Inclusion of outpatients and asymptomatic cases would decrease the proportion of severe-to-mild cases.

The way recovered cases Referred to the hospital	Percent*
Ambulance	12.5
Outpatient visit	87.5
Hospital Ward	
Critical care units	6
General	94
Respiratory Distress	8
Low GCS	2

The above table shows that about 12% of recovered cases initially needed to be transferred to the hospital by ambulance, and so, probably had relatively severe disease. It is hoped that the severity of the primary symptoms may not necessarily mean a poor prognosis in all cases in Iran. In fact, despite severe initial symptoms, there may be the chance for recovery. It should be acknowledged that some of the hospital transferred by ambulance might be due to panic attack associated with the onset of the COVID-19 symptoms. While this proportion might be negligible, it is believed that stress and anxiety itself can compromise immune system and result in poor prognosis. The chance of recovery seems quite low for those with low GCS.



§ The values presented here does not intend to be used for causal inference, so, none of them are adjusted for potential confounders.

*Recovery rate: total recovered/total lab-confirmed cases; ICU: Intensive Care Unit. GCS: Glasgow Coma Scale

Source: National Committee on COVID-19 Epidemiology, Ministry of Health and Medical Education, IR Iran