Total confirmed cases: 41,495  Total associated deaths: 2,757  Total recovered cases: 13,911  New cases: 3,186

**Indicators of screened, infected and death cases**

<table>
<thead>
<tr>
<th>Screening (since March 4 till March 30, 2020; 15:00 GMT)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of services delivered for COVID-19</td>
<td>63,585,356</td>
</tr>
<tr>
<td>Target population required follow-up (%)</td>
<td>3.5</td>
</tr>
<tr>
<td>Eligible cases that are followed-up by HWs (%)</td>
<td>61.8</td>
</tr>
<tr>
<td>Target population with symptoms (%)</td>
<td>1.5</td>
</tr>
<tr>
<td>Screened symptomatic cases referred to clinic (%)</td>
<td>0.2</td>
</tr>
<tr>
<td>Visited cases that required homecare (%)</td>
<td>24.3</td>
</tr>
<tr>
<td>Visited cases that received dual-medication (%)</td>
<td>0.6</td>
</tr>
<tr>
<td>Visited cases that referred to the hospital (%)</td>
<td>4.4</td>
</tr>
<tr>
<td>People visiting hospital and are admitted in the hospital (%)</td>
<td>31.4</td>
</tr>
<tr>
<td>Clients’ satisfaction of the received services (%)</td>
<td>97.3</td>
</tr>
</tbody>
</table>

**New lab-confirmed cases (in last 72 h)**

- Age mean (standard deviation): 52.7 (18.2)
- Age median (inter-quartile range): 53 (38-66)
- Sex distribution (%): Male 53.2, Female 46.8
- Cases with at least one co-morbidity (%): 27
- Cases admitted in ICU* (%): 11
- Cases with more severe forms of the disease **: 14

**COVID-19 deaths (in last week)**

- Age mean (standard deviation): 67.4 (17.4)
- Age median (inter-quartile range): 71 (58-81)
- Cases over 60 years (%): 71.3
- Sex distribution (%): Male 56.5, Female 43.5
- Cases with at least one co-morbidity (%): 41.6
- Cases over 60 years/ with at least one co-morbidity (%): 81.8

- By March 25, 2020, a total of 2,690 specimens have been collected, of which 1,341 confirmed cases have been identified.
- Also, 2,793 clinically confirmed cases have been identified based on CT imaging, and received required care and treatments.
- Karaj city has the highest number of confirmed cases in the province (67% of lab-confirmed cases belongs to Karaj). Taleghan city, on the other hand, has reported 2 confirmed cases and has the lowest number of identified cases in the province.
- In Alborz province, 1.3% of lab-confirmed cases are healthcare workers.
- Confirmed healthcare workers work in the following hospital sections: operating room, emergency department, infectious disease ward, ICU, CCU, internal ward, gynecology ward, orthopedic ward, radiology department, hospital laboratory, reception, dialysis department, pharmacy unit, environmental health unit, finance unit, outpatient clinic, nursing office, and hospital management office.

**First Confirmed Case in Alborz Province**

- Diagnosis date: 18 February 2020
- Hospital discharge date: 28 March 2020
- 58-year-old woman with history of cancer and chronic liver disease. She had no history of recent travel, but her daughter lives in Qom and visited here a week before symptom onset. Her daughter had contact with suspected cases in Qom who were later confirmed as COVID-19 cases.

**Available Infrastructures in Alborz Province**

- Hospitals: 18 (Active hospital beds: 591; ICU beds: 137)
- Healthcare Workers: 416 physicians, 8,165 nurses (37 confirmed cases)
- Average time of receiving PCR test results: 48 h
- Province capacity for covid-19 PCR testing: 4 laboratories are about to be launched.
- Hospices: 4 in the province

**Source:** Working group of epidemic investigation in Alborz province

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* To the total number of hospitalized COVID-19 patients. ** 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 cases. § To increase the sample size, analysis of death cases is done on the data in the last week.

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