For the analysis of the trends, the following approach was followed:

1. **Incidence category**

   - **High incidence**
     - Semnan: After a few days of upward trend, the downward trend has been seen in recent days.
     - Yazd: A new epidemic wave seems to be started.
     - Qom: The trend is downward.
     - Markazi: The province passed a recent epidemic pick. The trend is downward
     - Qazvin: The trend is downward.
     - East Azerbaijan: A weak upward trend is seen.
     - Tehran: The trend is stable, with brief changes.
     - Alborz: The trend is downward.
     - Esfahan: The province passed a recent epidemic pick. The trend is downward
     - Zanjani: The trend is downward.

   - **Medium incidence**
     - Mazandaran: The province passed a recent epidemic pick. The trend is downward
     - Ardabil: The province passed a recent epidemic pick. The trend is downward
     - Lorestan: The trend is stable, with brief changes.
     - Ilam: The trend is downward.
     - North Khorasan: The province passed a recent epidemic pick.
     - Gilan: The trend is downward.
     - Kurdistan: The province passed a recent epidemic pick. The trend is downward
     - Southern Khorasan: A new epidemic wave seems to be started.
     - West Azerbaijan: A new epidemic wave seems to be started.
     - Golestan: The province passed a recent epidemic pick. The trend is downward

   - **Low incidence**
     - Fars: The province passed a recent epidemic pick.
     - Khorasan Razavi: The trend is downward.
     - Hamedan: The province passed a recent epidemic pick. The trend is downward
     - Kohgiluyeh and Boyer-Ahmad: The province passed a recent epidemic pick.
     - Khuzestan: The trend is downward.
     - Hormozgan: The province passed a recent epidemic pick.
     - Chaharmahal and Bakhtiari: The upward trend seems to be started.
     - Kerman: The province passed a recent epidemic pick.
     - Sistan and Baluchestan: The trend is upward.
     - Bushehr: The trend is upward.

The analysis of epidemic trend by provinces of Iran (till April 26)

- **Analysis of recent epidemic curve by province**
  - (a province can experience one or more epidemic waves)

- **Total confirmed cases:** 90,481  
  - **Total associated deaths:** 5,710  
  - **Total recovered cases:** 69,657  
  - **New cases:** 1,153

**Trend of daily confirmed cases and deaths were analyzed by province. Changes in these numbers within the last 5 days were calculated by averaging the numbers in a specified day and a day before and after that.**

For the analysis of the trends, the following approach was followed:

- **Increasing trend:** When both morbidity and death trends showed increase in the past three days.
- **Decreasing trend:** When both morbidity and death trends in the past three days are decreasing.
- **Passing the first epidemic pick:** When morbidity trend is decreasing but death trend is increasing.
- **Declining trend:** When both morbidity and death trends showed decrease in the past three days.
- **Continued observations:** Observations other than abovementioned patterns or extraordinary observations exist. It means that the data cannot be interpreted well and the causes can be different, including: inaccurate daily recording of data by the provinces, existence of a combination of several epidemic patterns in the province (the beginning of an epidemic in one part of the province and the end of another epidemic elsewhere) or migration into the province and/or leaving the province.

**Controversies in the data due to underreporting or delay in data registrations should be seriously followed and improved.**

**Data of the recent days suggest that the epidemic may approached to downward trend.** Eight provinces show a downward trend (i.e., Semnan, Qom, Alborz, Zanjani, Ilam, Gilan, Khorasan Razavi and Kuhistan). Eleven provinces have probably passed an epidemic peak in recent days (i.e., Markazi, Esfahan, Mazandaran, Ardabil, North Khorasan, Kurdistan, Golestan, Fars, Hamedan, Kohgiluyeh and Boyer-Ahmad and Hormozgan). In eight provinces the trend seems to be upward and a new epidemic wave may have started (i.e., East Azerbaijan, Sistan and Baluchestan, Kerman, Bushehr, Chaharmahal and Bakhtiari, Yazd, South Khorasan and West Azerbaijan). It seems that two provinces (i.e., Tehran and Lorestan) reached to stable situation. It Controversies in the data did not allow rigorous interpretation of the epidemic situation in one province (i.e., Qazvin). It should be noted that a province can experience several consecutive epidemic waves.

For further details about methods and provincial trends in the last few days, please visit COVID-19 Epidemiology Committee website at http://corona.behdasht.gov.ir