Integrated surveillance of COVID-19 in Italy

(Ordinanza n. 640 del 27/02/2020)

23 March 2020 UPDATE

57,989 cases of COVID-19*

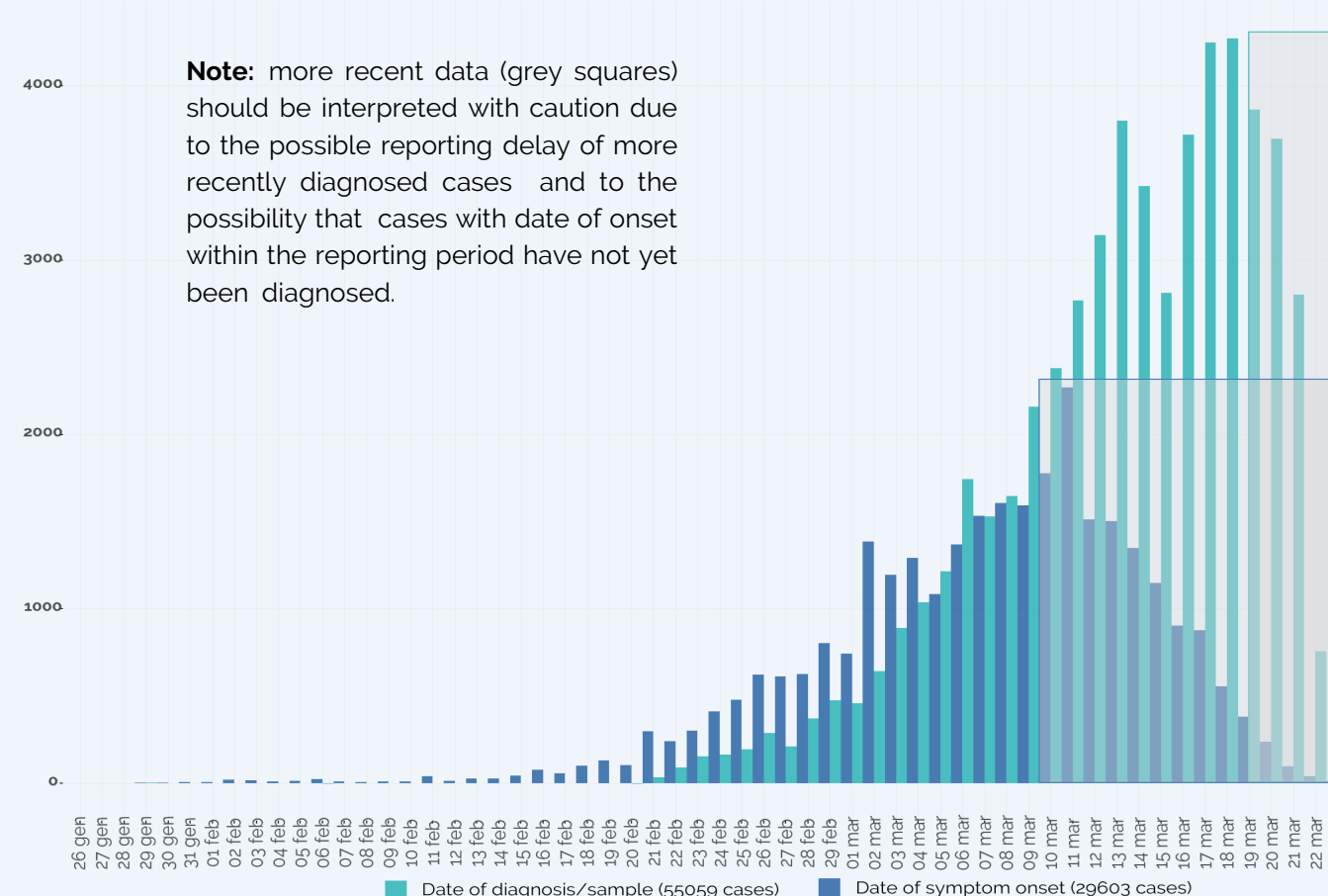**5,211** health-care workers $

5,019 associated deaths

Age

1.1%
25.1%
36%
37.8%

- 0-18
- 19-50
- 51-70
- >70

Median age of cases; **63 years**

Sex

41.9%
58.1%

- Female
- Male
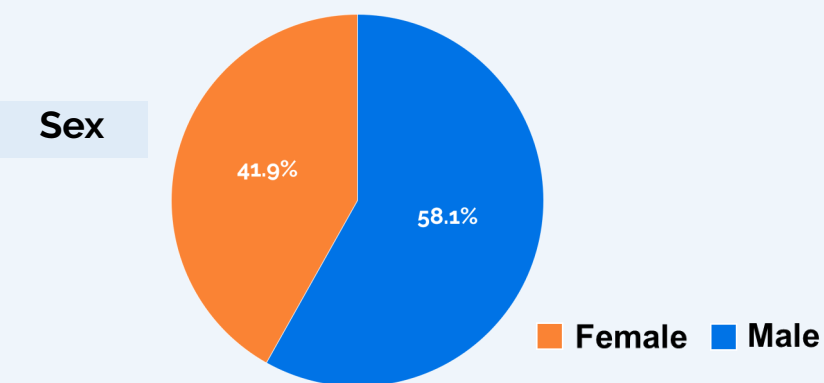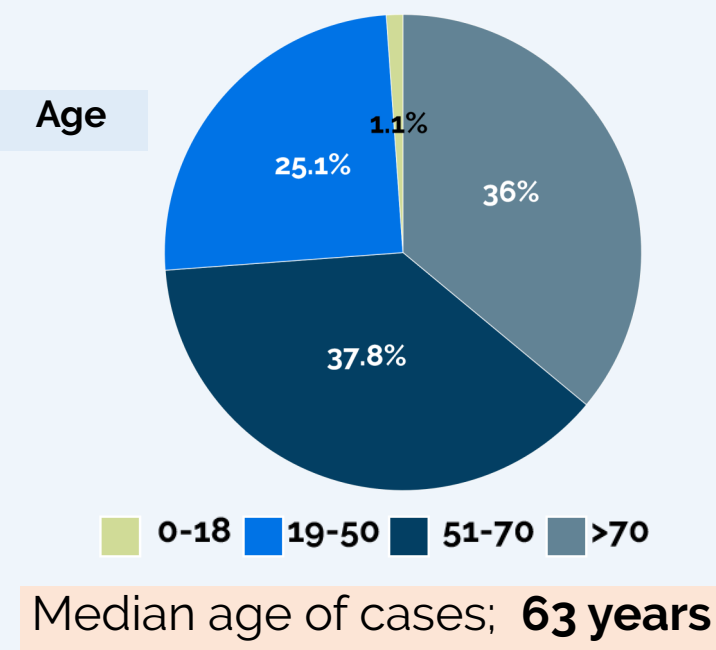
Age (years)	Deaths [n (%)]	CFR§
0-9	0 (0%)	0%
10-19	0 (0%)	0%
20-29	0 (0%)	0%
30-39	12 (0.2%)	0.3%
40-49	41 (0.8%)	0.6%
50-59	168 (3.3%)	1.5%
60-69	541 (10.8%)	5.2%
70-79	1768 (35.3%)	15.6%
80-89	2023 (40.3%)	23.6%
>=90	465 (9.3%)	24%
Not reported	1 (0%)	0.3%
Total	5019 (100%)	8.7%

Note: more recent data (grey squares) should be interpreted with caution due to the possible reporting delay of more recently diagnosed cases and to the possibility that cases with date of onset within the reporting period have not yet been diagnosed.

- Date of diagnosis/sample (55059 cases)
- Date of symptom onset (29603 cases)

Total number of COVID-19 cases diagnosed by the Italian Regional Reference Laboratories

99% of the clinical samples processed were confirmed by the National Reference Laboratory at the Istituto Superiore di Sanità

- Critical: 4.6%
- Asymptomatic: 6%
- Symptomatic (not further specified): 16.5%
- Severe: 21.1%
- Paucisymptomatic: 10.7%
- Mild: 41.1%

Data available for **17,798 cases**

N. Cases
- 1-50
- 51-200
- 201-500
- 501-1000
- 1001-2000
- >2000

By Region/Autonomous Province of diagnosis

(data available for **57,989**)

N. Cases
- 1-50
- 51-200
- 201-500
- 501-1000
- 1001-2000
- >2000
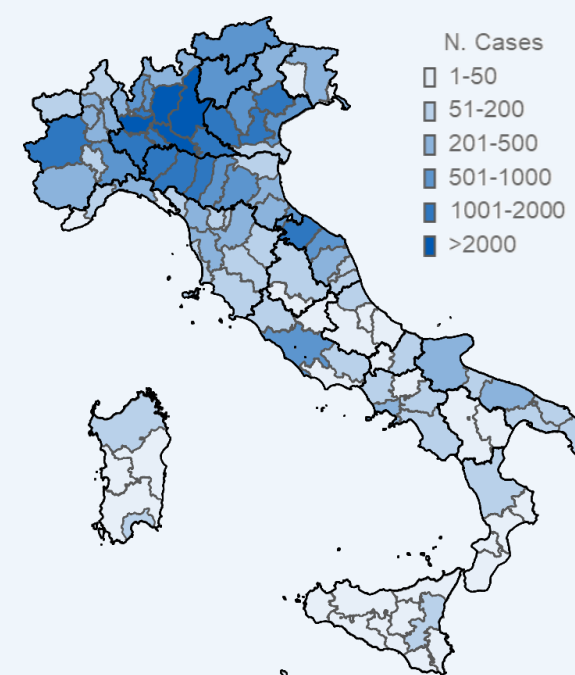
By province of residence

(data available for **55,247**)

*The case definition considers as a confirmed case any person with laboratory confirmation of virus causing COVID-19 infection, irrespective of clinical signs and symptoms https://www.ecdc.europa.eu/en/case-definition-and-european-surveillance-human-infection-novel-coronavirus-2019-ncov

*ISS collects data on cases that tested positive for SARS-COV-2 infection diagnosed by all Italian Regions/Autonomous Provinces. Data could differ from aggregated data from the Italian Ministry of Health and the Italian Civil Protection. $The term "health-care worker" is based on the occupation a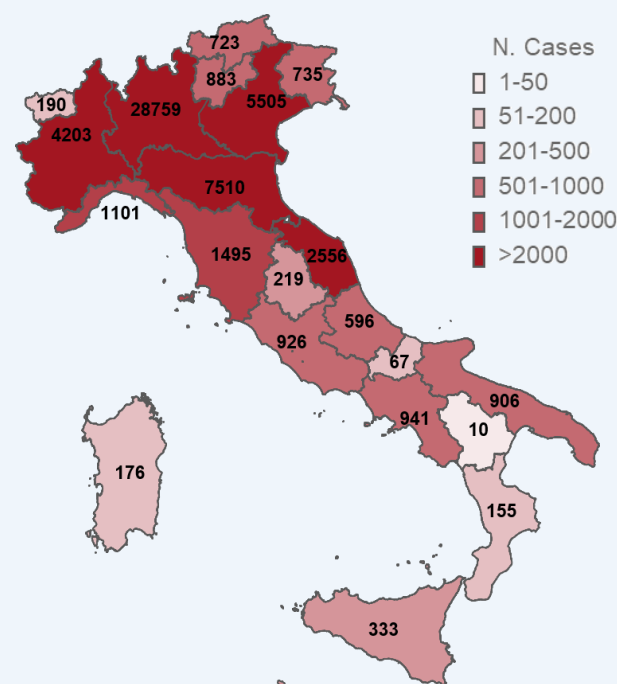nd not on the place of exposure. §Case Fatality Rate