Integrated surveillance of COVID-19 in Italy

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

11 April 2020 UPDATE

143,199 cases of COVID-19 *

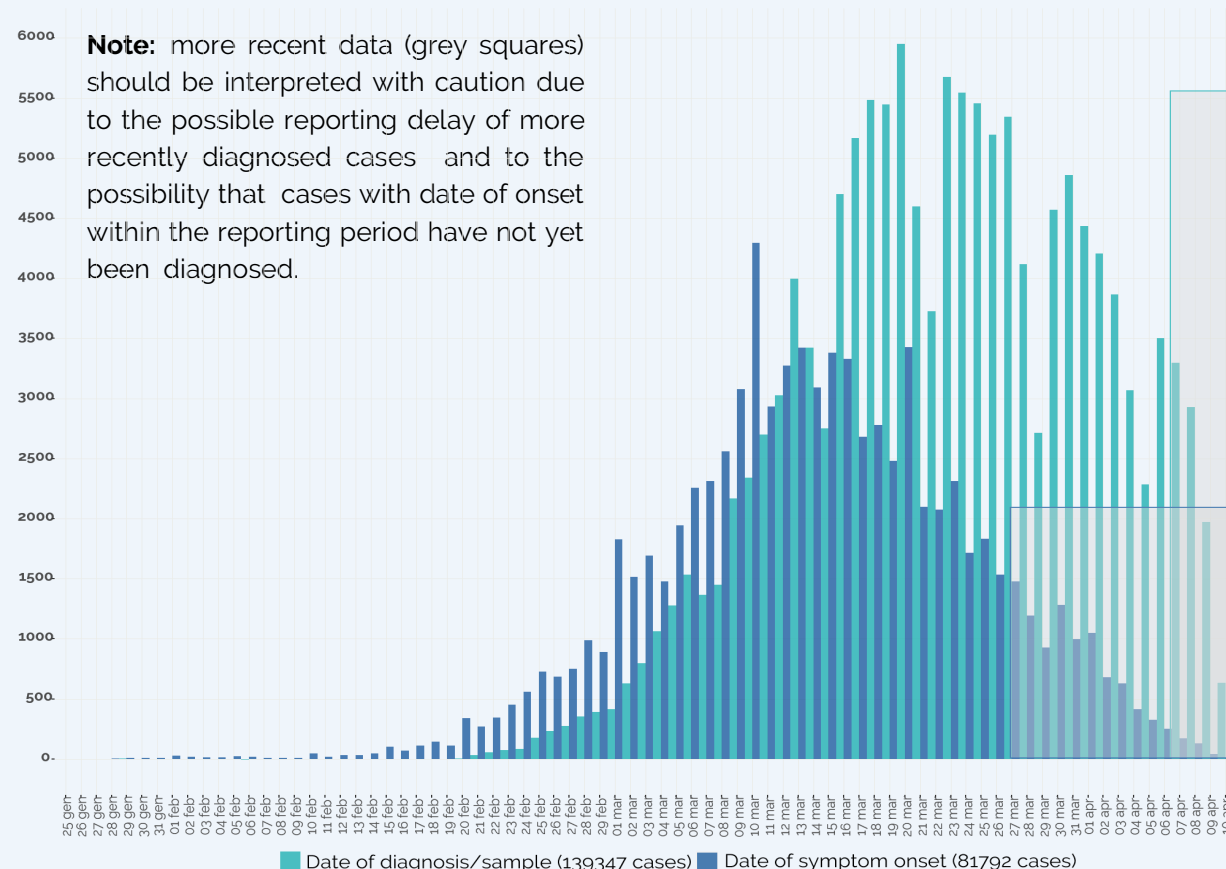**15,724** health-care workers $

17,916 associated deaths

Age

- 0-18 — 1.6%
- 19-50 — 27%
- 51-70 — 34.9%
- >70 — 36.5%

0-18 | **19-50** | **51-70** | **>70**
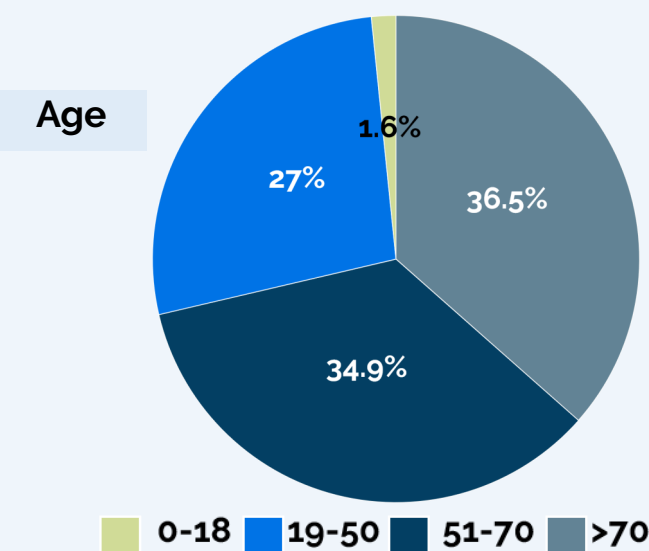
Median age of cases; **62 years**

Sex

- Female — 48.6%
- Male — 51.4%
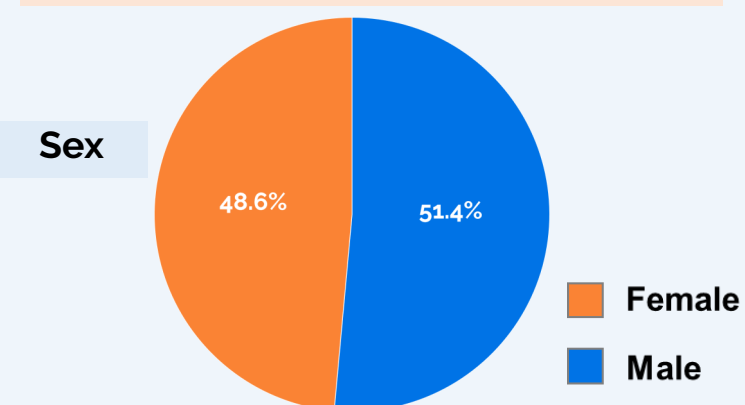
Age (years)	Deaths [n (%)]	CFR§
0-9	1 (0%)	0.1%
10-19	0 (0%)	0%
20-29	7 (0%)	0.1%
30-39	39 (0.2%)	0.4%
40-49	164 (0.9%)	0.9%
50-59	692 (3.9%)	2.5%
60-69	2075 (11.6%)	9.2%
70-79	5669 (31.6%)	23.8%
80-89	7270 (40.6%)	31.6%
>=90	1998 (11.2%)	26.3%
Not reported	1 (0%)	0.8%
Total	17916 (100%)	12.5%

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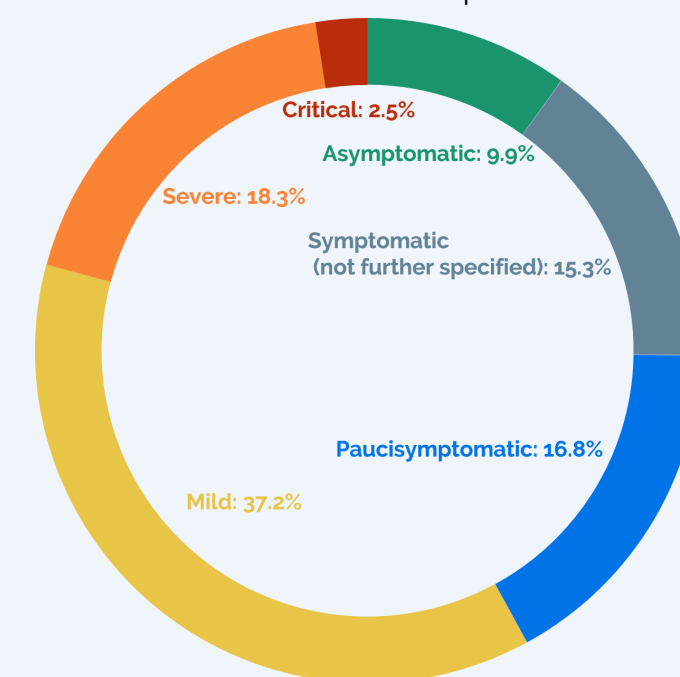
Note: more recent data (grey squares) should be interpreted with caution due to the possible reporting delay of more recently diagnosed cases and to the possibility that cases with date of onset within the reporting period have not yet been diagnosed.

Date of diagnosis/sample (139347 cases)   Date of symptom onset (81792 cases)

99% of the clinical samples processed were confirmed by the National Reference Laboratory at the Istituto Superiore di Sanità
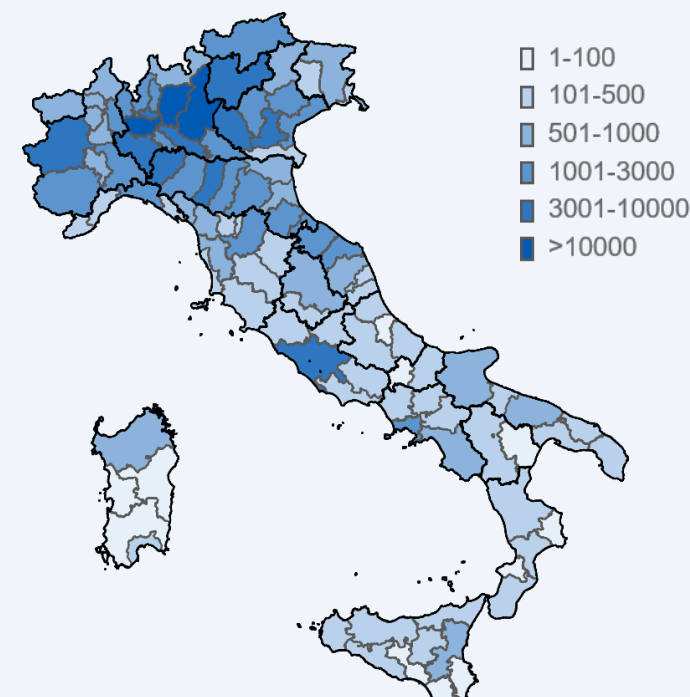
- Critical: 2.5%
- Asymptomatic: 9.9%
- Severe: 18.3%
- Symptomatic (not further specified): 15.3%
- Paucisymptomatic: 16.8%
- Mild: 37.2%

Data available for **52.431** cases

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

- 1-100
- 101-500
- 501-1000
- 1001-3000
- 3001-10000
- >10000
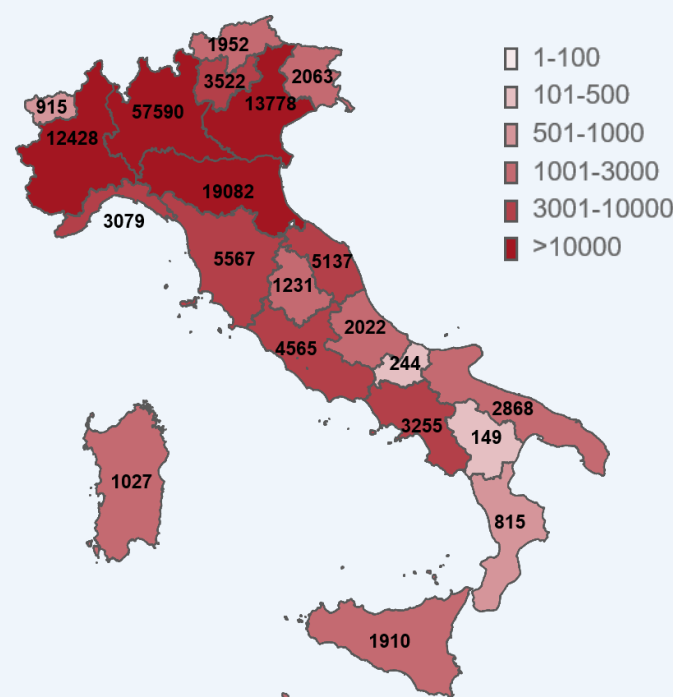
By Region/Autonomous Province of diagnosis

(data available for 143.199)

- 1-100
- 101-500
- 501-1000
- 1001-3000
- 3001-10000
- >10000

By province of residence

(data available for 138,755)

*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

Produced by: The COVID-19 Task force of the Department of Infectious Diseases and the IT Service **Istituto Superiore di Sanità**