48,452 cases of COVID-19*

4,268 health-care workers $

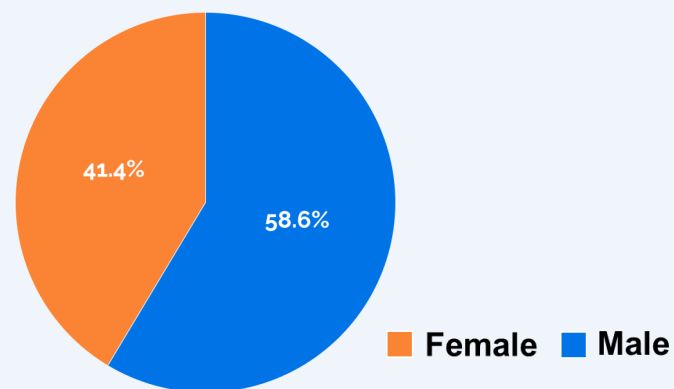**3,770** associated deaths

Integrated surveillance of COVID-19 in Italy
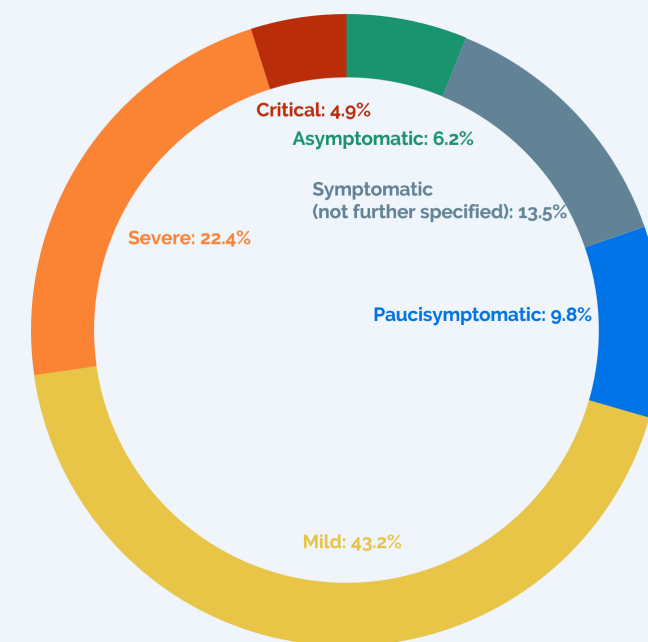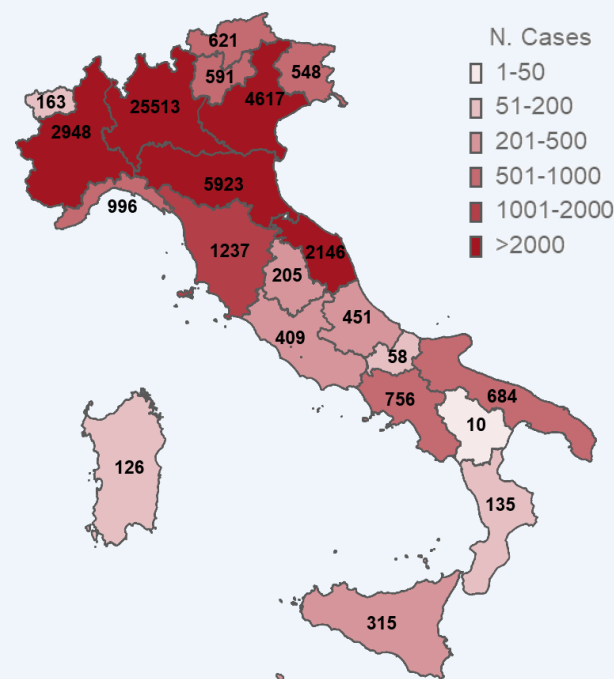
(Ordinanza n. 640 del 27/02/2020)

21 March 2020 UPDATE

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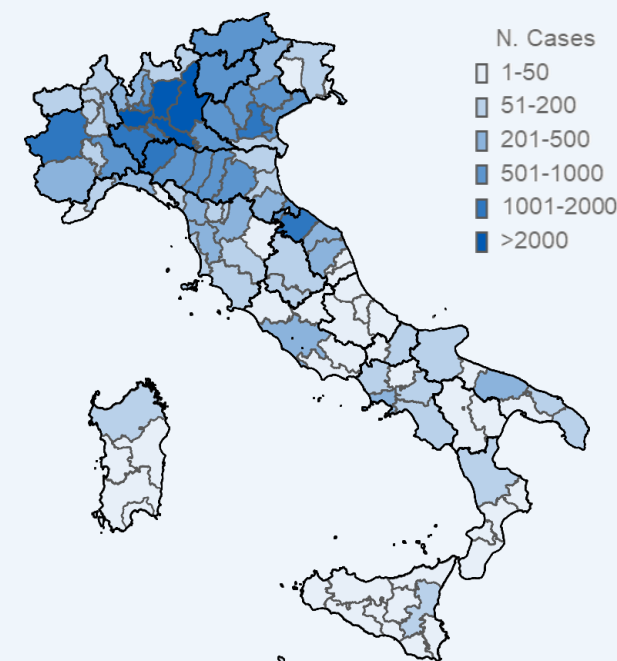
Age

- 1.2%
- 36.2%
- 25.1%
- 37.5%

Legend: 0-18 | 19-50 | 51-70 | >70
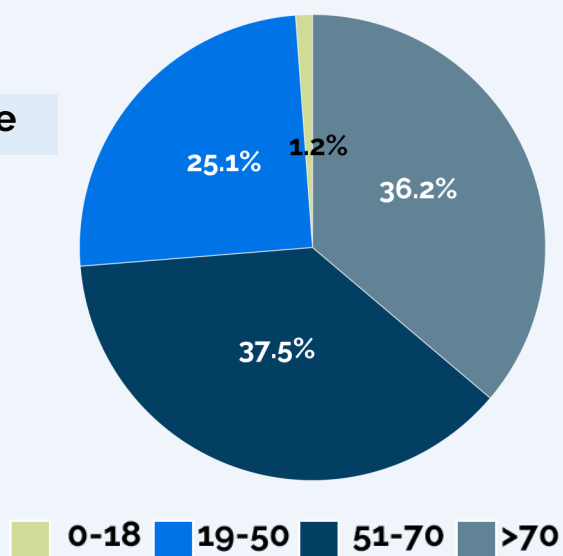
Median age of cases; 63 years

Sex

- 41.4%
- 58.6%

Legend: Female | Male

Age (years)	Deaths [n (%)]	CFR§
0-9	0 (0%)	0%
10-19	0 (0%)	0%
20-29	0 (0%)	0%
30-39	11 (0.3%)	0.3%
40-49	31 (0.8%)	0.5%
50-59	111 (2.9%)	1.2%
60-69	388 (10.3%)	4.5%
70-79	1341 (35.6%)	14%
80-89	1525 (40.5%)	21.3%
>=90	362 (9.6%)	23.4%
Not reported	1 (0%)	0.3%
Total	3770 (100%)	7.8%

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 (46584 cases)   Date of symptom onset (22993 cases)

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

Critical: 4.9%
Asymptomatic: 6.2%
Symptomatic (not further specified): 13.5%
Severe: 22.4%
Paucisymptomatic: 9.8%
Mild: 43.2%

Data available for 15,310 cases

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

Map values: 621, 591, 548, 163, 25513, 4617, 2948, 5923, 996, 1237, 2146, 205, 451, 409, 58, 756, 684, 10, 126, 135, 315

By Region/Autonomous Province of diagnosis

(data available for 48,452)

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

By province of residence

(data available for 45,888)

*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**

*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