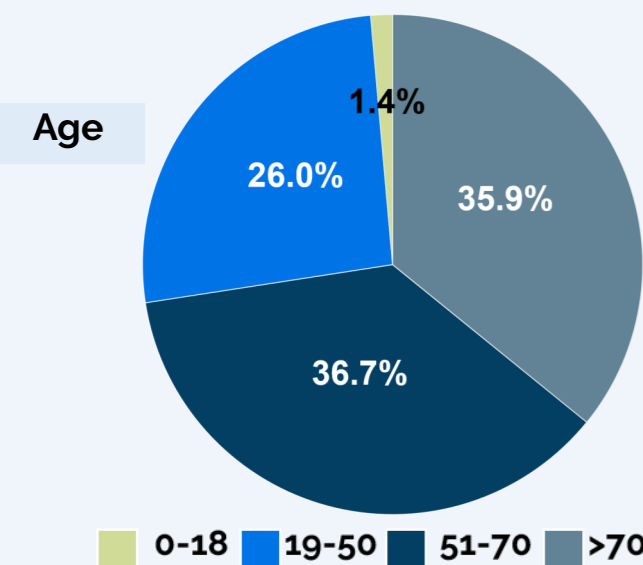**106,399** cases of COVID-19*

10,657 health-care workers $

12,550 associated deaths
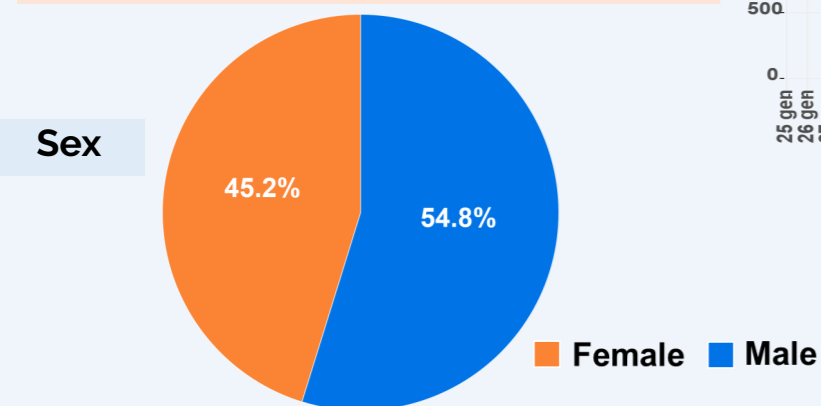
Integrated surveillance of COVID-19 in Italy

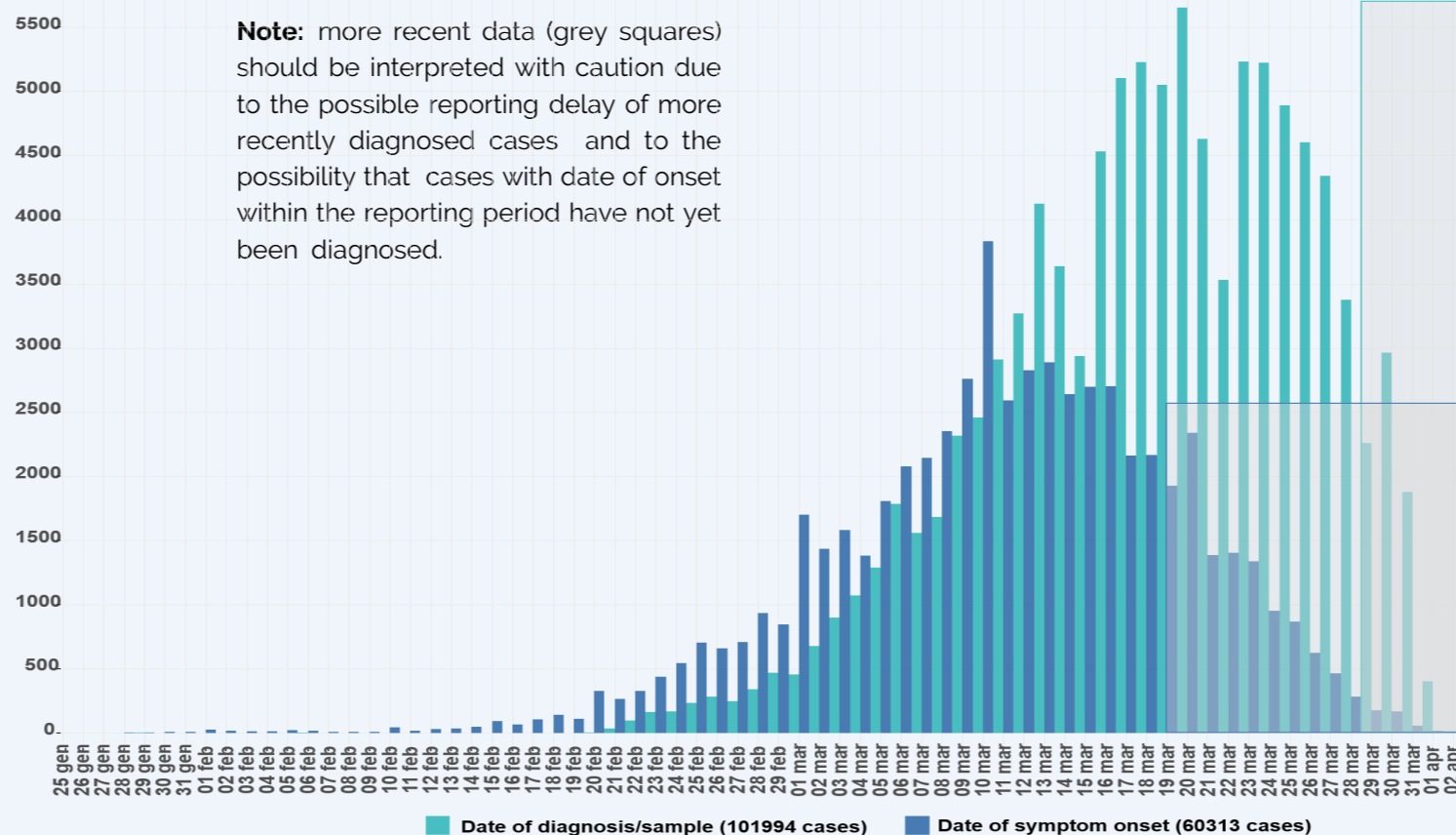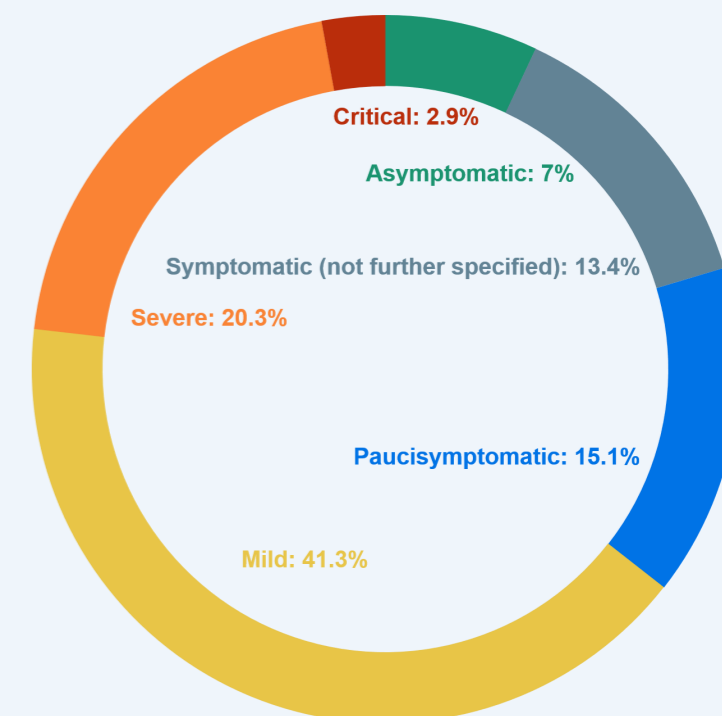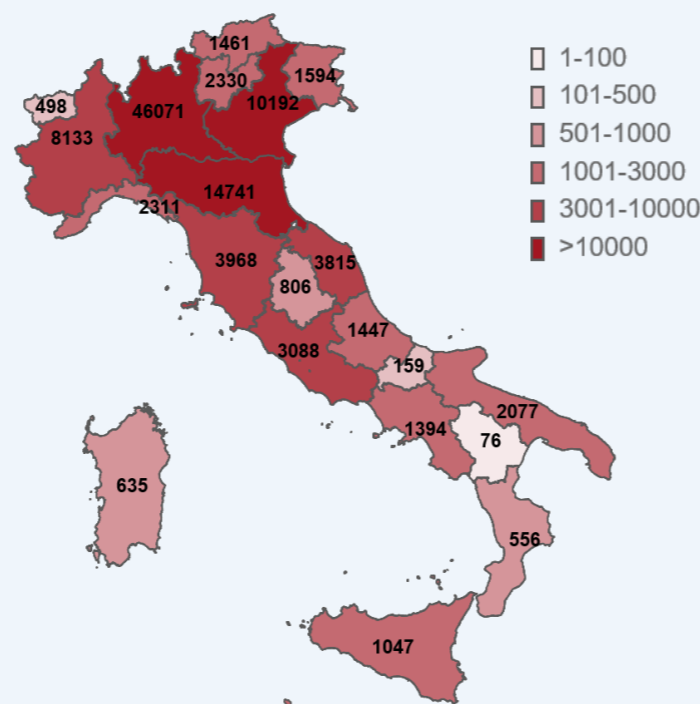(Ordinanza n. 640 del 27/02/2020)

2 April 2020 UPDATE

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.

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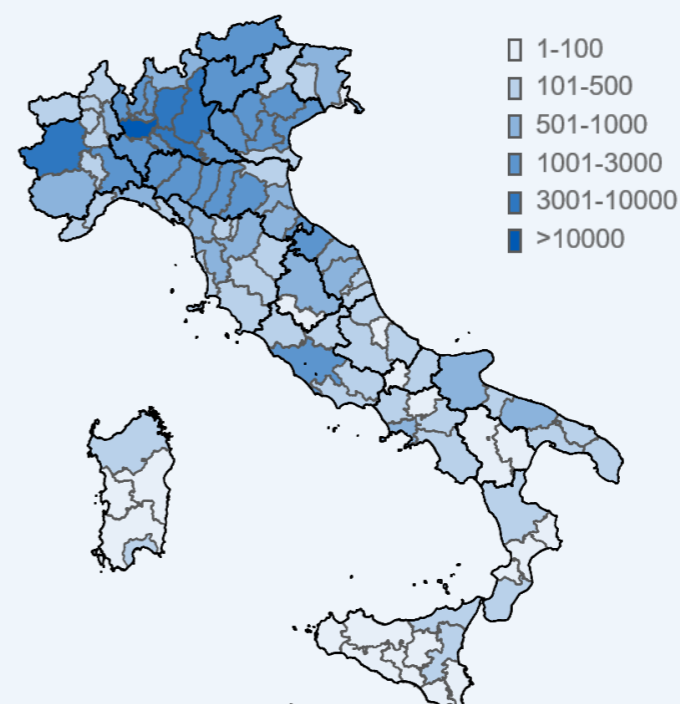
Age

- 0-18: 1.4%
- 19-50: 26.0%
- 51-70: 36.7%
- >70: 35.9%

Legend: 0-18 | 19-50 | 51-70 | >70

Median age of cases; **62 years**

Sex

- Female: 45.2%
- Male: 54.8%

Date of diagnosis/sample (101994 cases) Date of symptom onset (60313 cases)

Donut chart:
- Critical: 2.9%
- Asymptomatic: 7%
- Symptomatic (not further specified): 13.4%
- Severe: 20.3%
- Paucisymptomatic: 15.1%
- Mild: 41.3%

Data available for **43,729 cases**

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

Age (years)	Deaths [n (%)]	CFR§
0-9	0 (0%)	0%
10-19	0 (0%)	0%
20-29	6 (0%)	0.1%
30-39	29 (0.2%)	0.4%
40-49	110 (0.9%)	0.8%
50-59	479 (3.8%)	2.3%
60-69	1448 (11.5%)]	8%
70-79	4196 (33.4%)	21.8%
80-89	5029 (40.1%)	30.9%
>=90	1251 (10%)	28.7%
Not reported	2 (0%)	1.2%
Total	12550 (100%)	11.8%

Map legend (left):
- 1-100
- 101-500
- 501-1000
- 1001-3000
- 3001-10000
- >10000

Map values: 1461, 2330, 1594, 498, 46071, 10192, 8133, 2311, 14741, 3968, 3815, 806, 1447, 3088, 159, 1394, 2077, 76, 635, 556, 1047

Map legend (right):
- 1-100
- 101-500
- 501-1000
- 1001-3000
- 3001-10000
- >10000

*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

By Region/Autonomous Province of diagnosis

(data available for 106.399)

By province of residence

(data available for 102,643)

*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

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