Integrated surveillance of COVID-19 in Italy

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

25 May 2020 UPDATE
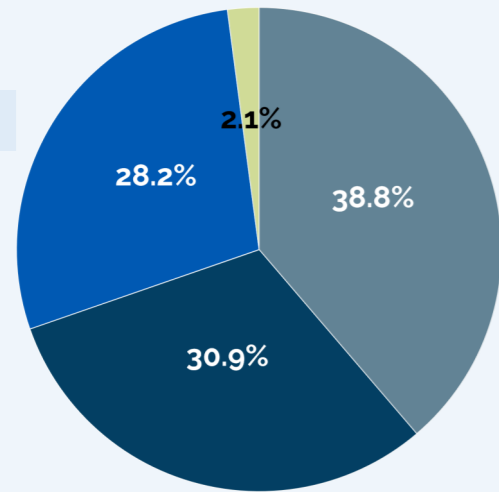
230,414 cases of COVID-19*

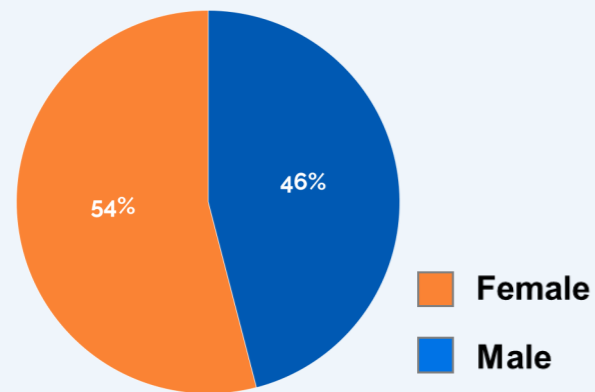**27,439** health-care workers $
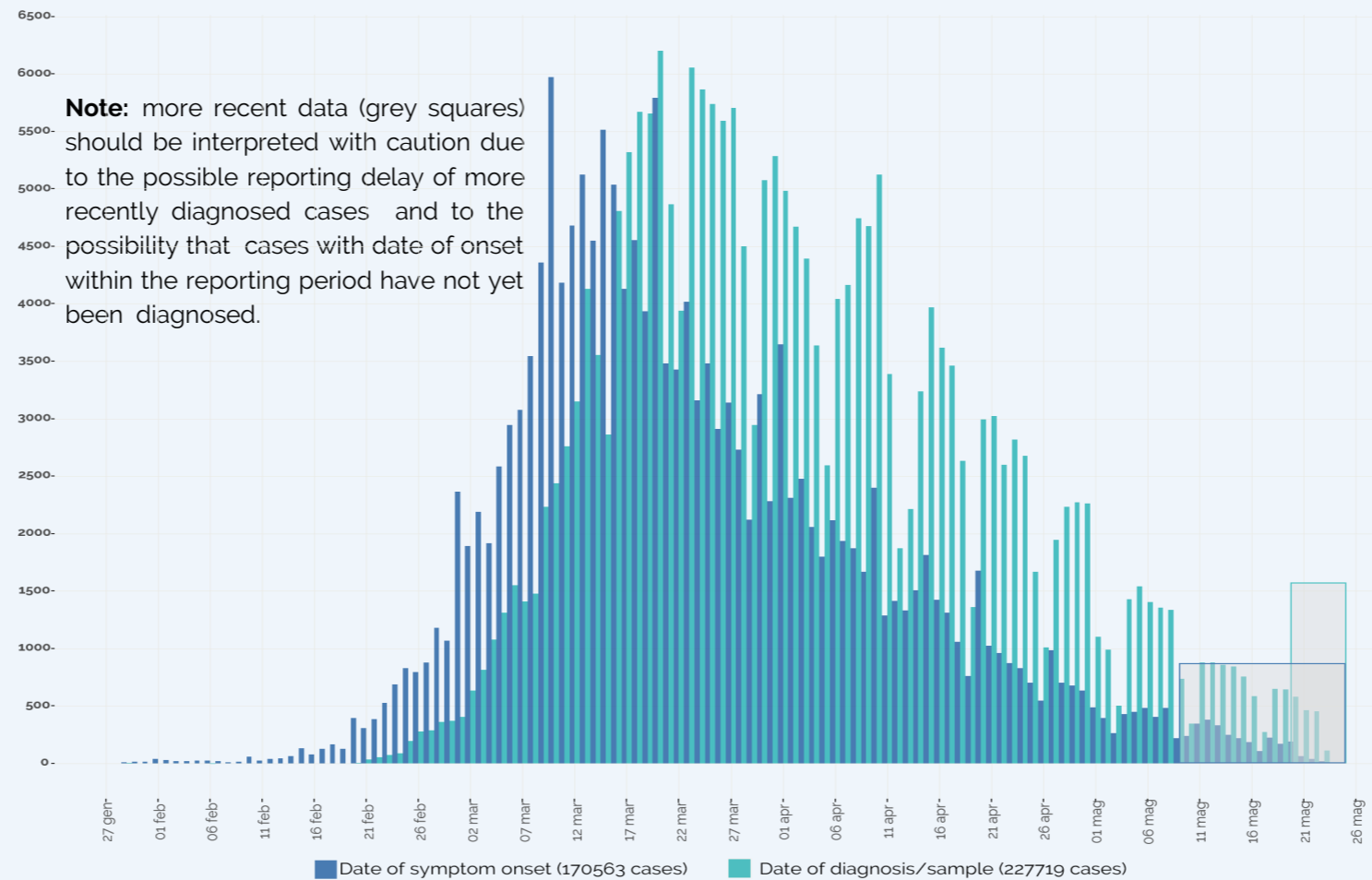
31,546 associated deaths

Age

2.1%
28.2%
38.8%
30.9%

☐ 0-18 ☐ 19-50 ☐ 51-70 ☐ >70

Median age of cases; **62 years**

Sex

54% 46%

☐ Female
☐ Male

Age (years)	Deaths [n (%)]	CFR§
0-9	4 (0%)	0.2%
10-19	0 (0%)	0%
20-29	12 (0%)	0.1%
30-39	62 (0.2%)	0.3%
40-49	272 (0.9%)	0.9%
50-59	1103 (3.5%)	2.7%
60-69	3249 (10.3%)	10.5%
70-79	8536 (27.1%)	25.8%
80-89	12926 (41%)	31.9%
>=90	5382 (17.1%)	29%
Not reported	0 (0%)	0%
Total	31546 (100%)	13.7%

*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 symptom onset (170563 cases) ☐ Date of diagnosis/sample (227719 cases)

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

2588
5395
3163
1183
87110
19105
30559
27558
9465
9922
6699
1430
3230
7657
430
4543
4468
358
1347
1168
3036

☐ 1-1000
☐ 1001-5000
☐ 5001-10000
☐ 10001-20000
☐ 20001-30000
☐ >30000

By Region/Autonomous Province of diagnosis

(data available for 230,414)

☐ 1-1000
☐ 1001-5000
☐ 5001-10000
☐ 10001-20000
☐ 20001-30000
☐ >30000
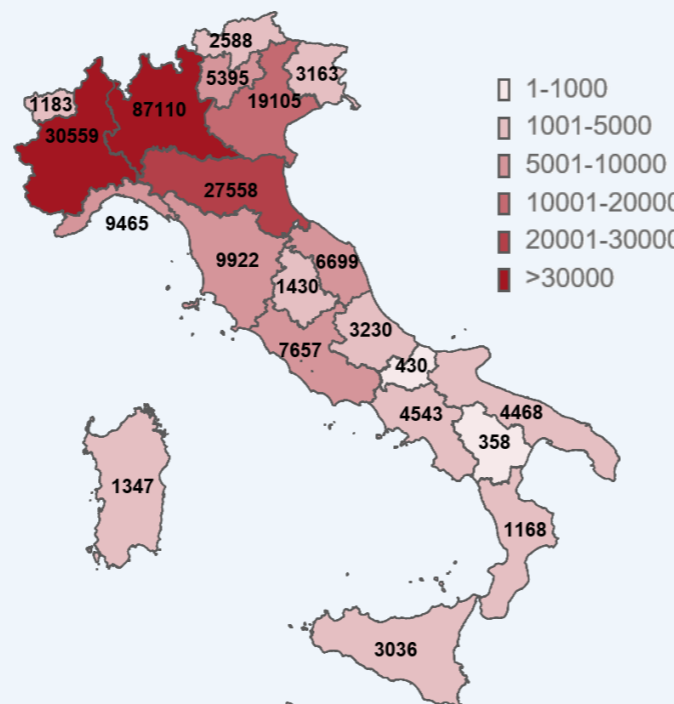
By province of residence

(data available for 227,309)

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

Critical: 2.4%
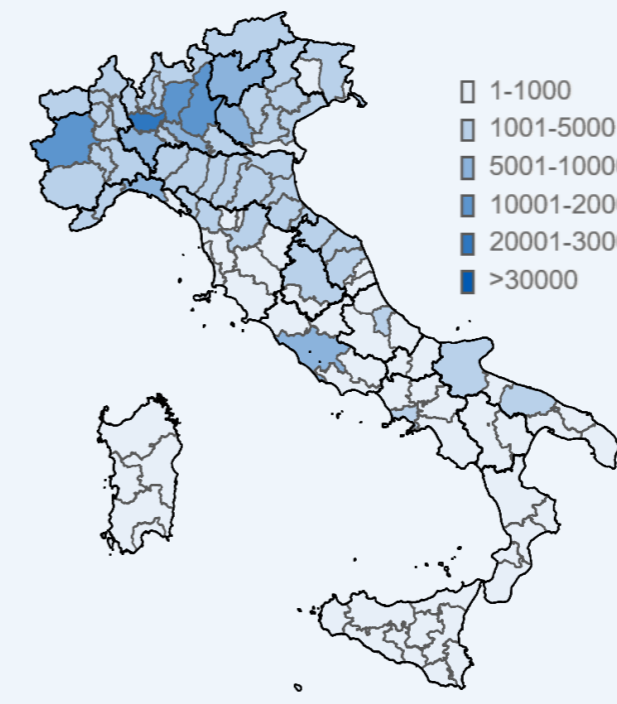Severe: 13%
Asymptomatic: 29.5%
Mild: 30.8%
Symptomatic (not further specified): 10.9%
Paucisymptomatic: 13.4%

Data available for 28,541 cases

*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

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