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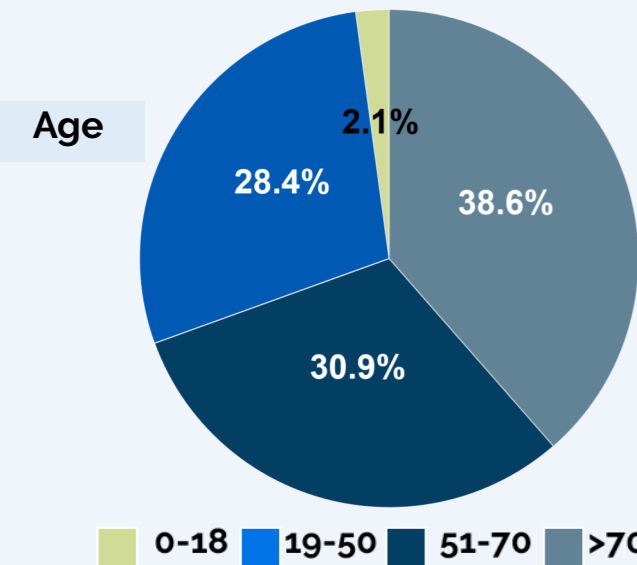
(Ordinanza n. 640 del 27/02/2020)

3 June 2020 UPDATE

234,119 cases of COVID-19*

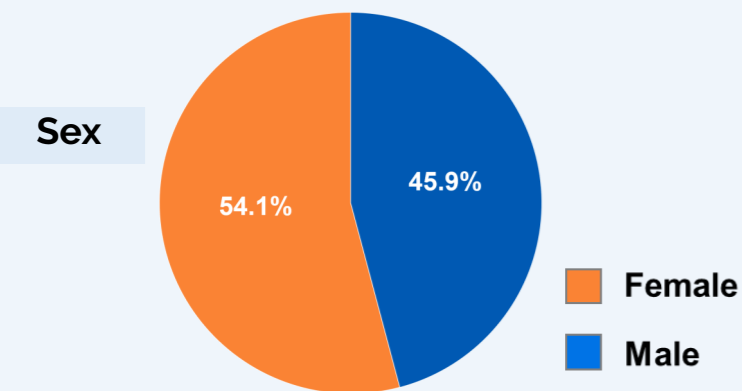**28,276** health-care workers $

32,354 associated deaths

Age

2.1%
28.4%
38.6%
30.9%

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

Median age of cases; **62 years**

Sex

54.1% 45.9%

Female
Male

Age (years)	Deaths [n (%)]	CFR§
0-9	5 (0%)	0.3%
10-19	0 (0%)	0%
20-29	15 (0%)	0.1%
30-39	63 (0.2%)	0.3%
40-49	279 (0.9%)	0.9%
50-59	1133 (3.5%)	2.7%
60-69	3307 (10.2%)	10.6%
70-79	8677 (26.8%)	25.9%
80-89	13233 (40.9%)	32.4%
>=90	5641 (17.4%)	29.9%
Not reported	1 (0%)	2.2%
Total	32354 (100%)	13.8%

*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 (177108 cases) | Date of diagnosis/sample (231617 cases) |

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

2593
5432 3273
1193 89205 19168
31140
27828
9746
9907 6720
1431
7779 3255
436
4573 4499
364
1349
1157
3071

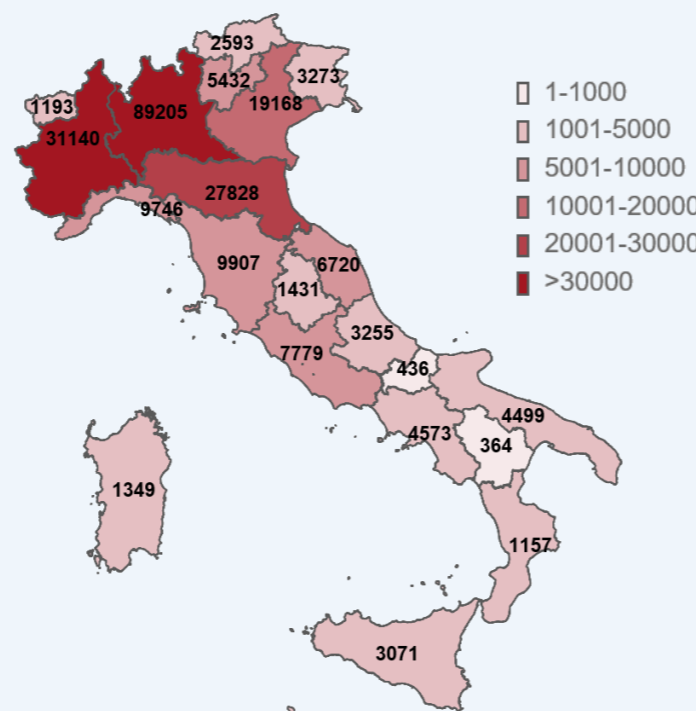| 1-1000 |
| 1001-5000 |
| 5001-10000 |
| 10001-20000 |
| 20001-30000 |
| >30000 |

By Region/Autonomous Province of diagnosis

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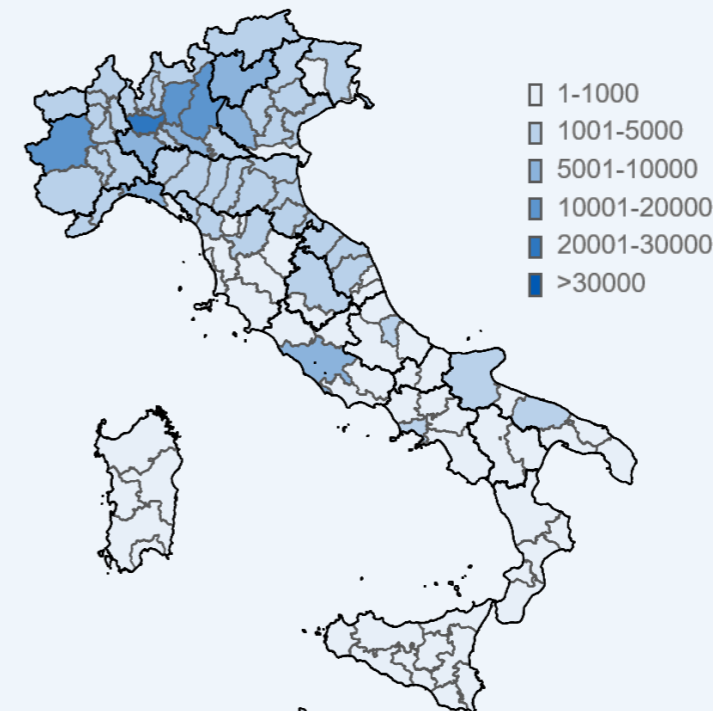

Critical: 2.2%
Severe: 16.2%
Asymptomatic: 28.6%
Mild: 34.8%
Symptomatic (not further specified): 5.8%
Paucisymptomatic: 12.4%
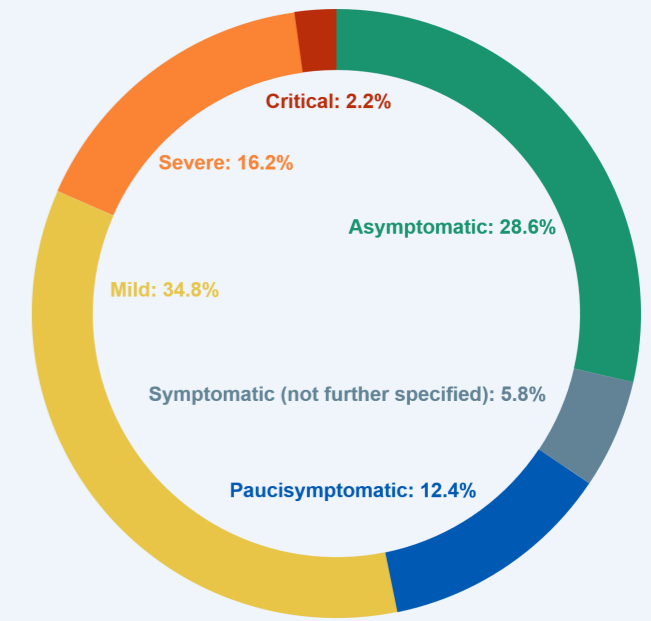
Data available for 31,845 cases

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

By province of residence

(data available for 231,167)

*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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