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Key points

Week 21/2020 (18 - 24 May 2020)

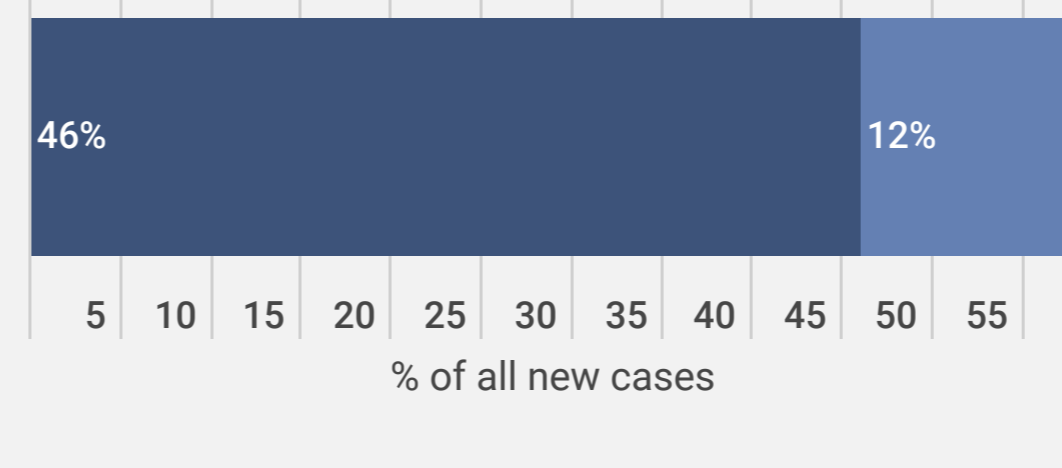
- The number of cases reported in week 21/2020 in the Region has declined by 48% since week 14/2020
- 58% of the cases reported in week 21/2020 were from the Russian Federation and the United Kingdom
- Three countries had a crude incidence of ≥ 50 per 100,000 in week 21/2020: Armenia, Belarus and San Marino (Fig 2A)
- In 12 countries and territories, the 14-day cumulative incidence increased by $\geq 10\%$ in week 21/2020 compared to the previous week. In order of percentage increase: Lithuania, Tajikistan, Malta, Armenia, Azerbaijan, Uzbekistan, the Republic of Moldova, Kazakhstan, Kyrgyzstan, North Macedonia, Ukraine and Kosovo. (see [EURO COVID-19 Dashboard](#) for recent trends)
- 66% of the deaths reported in week 21/2020 were from the United Kingdom, Italy, France and Spain
- The proportion of reported cases that died decreased from 6.4% in week 20/2020 to 5.8% in week 21/2020, a change that is likely due to a range of factors

Summary overview

- Seven countries in the Region each reported a cumulative incidence of ≥ 400 cases per 100,000 population: San Marino, Andorra, Luxembourg, Iceland, Ireland, Spain and Belgium
- 20% of all reported infections with information available were in a health care worker
- 79% of all ICU admissions were in persons aged 50-79 years of age, with 70% of all ICU admissions in men
- 73% of cumulative deaths were reported from the United Kingdom, Italy, Spain and France
- 94% of all deaths were in persons aged ≥ 60 years and 58% of all deaths were in men
- 97% of all deaths with information available had at least one underlying condition, with cardiovascular disease the leading comorbidity (65%)
- From week 10/2020 and as of week 21/2020, there were more than 168,000 excess deaths reported from 24 countries/regions. Primarily in the age group ≥ 65 years with over 153,000 excess deaths, but also in the 15-64 years age group with over 14,000 excess deaths. This time period includes part of the influenza season as well as the start of the COVID-19 pandemic. See [European Mortality Bulletin](#)
- In week 21/2020, three countries reported a total of 68 tests and one COVID-19 detection in persons with influenza-like illness in primary care sentinel surveillance. The updated positivity rate in week 20/2020 was 6.2% (8 countries) compared to 4.3% (8 countries) in week 19/2020. The highest positivity was 18.6%, seen in week 15/2020 (Fig 5)
- As of 13 May 2020, two countries in the European region have an Effective Reproductive Number significantly over 1: Kazakhstan and Armenia. (See [EpiForecasts](#) and the CMMID COVID working group [COVID-19 Global Summary](#) for latest estimates)

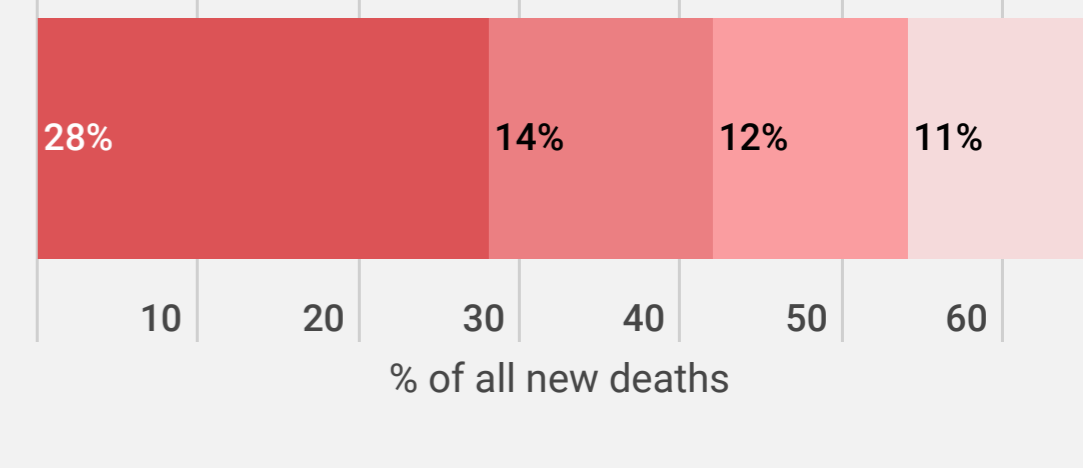
New cases Epi week 21

136,790

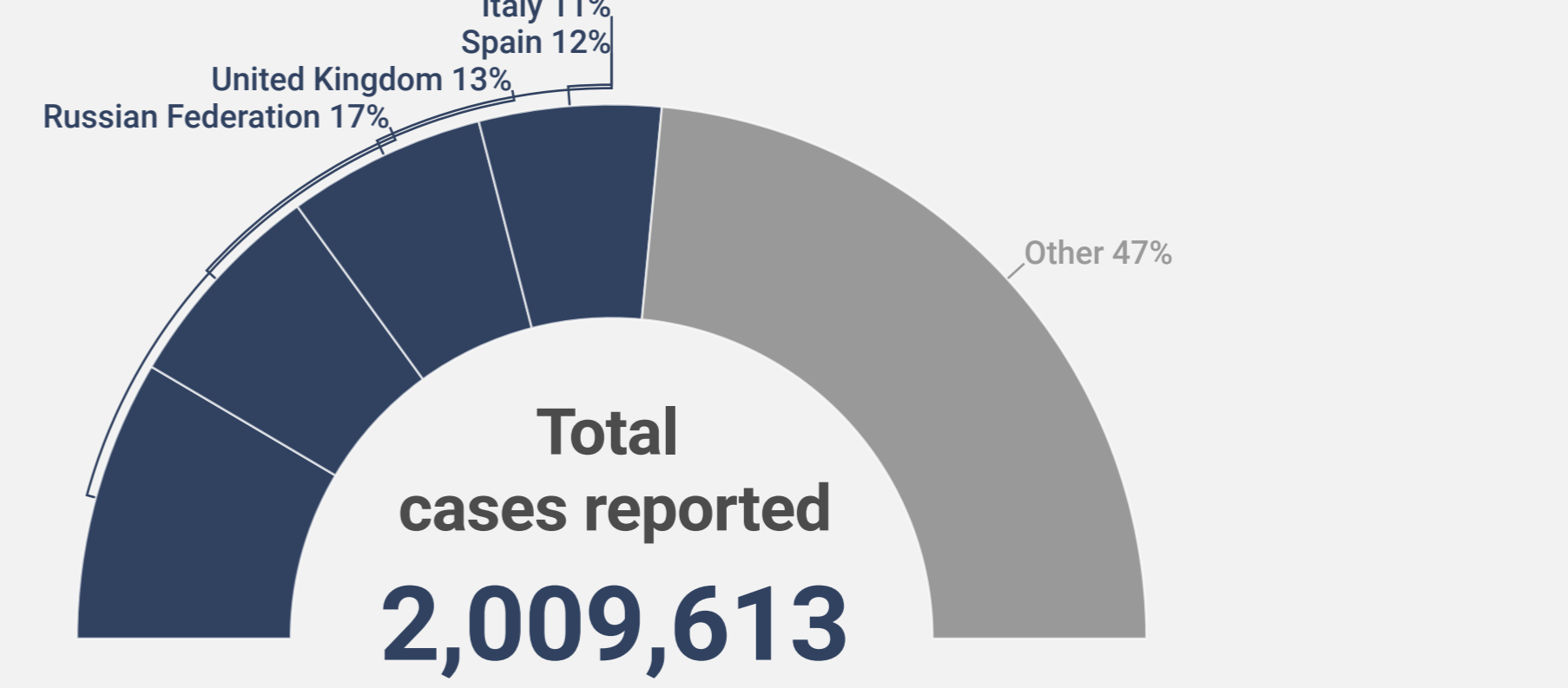


New deaths Epi week 21

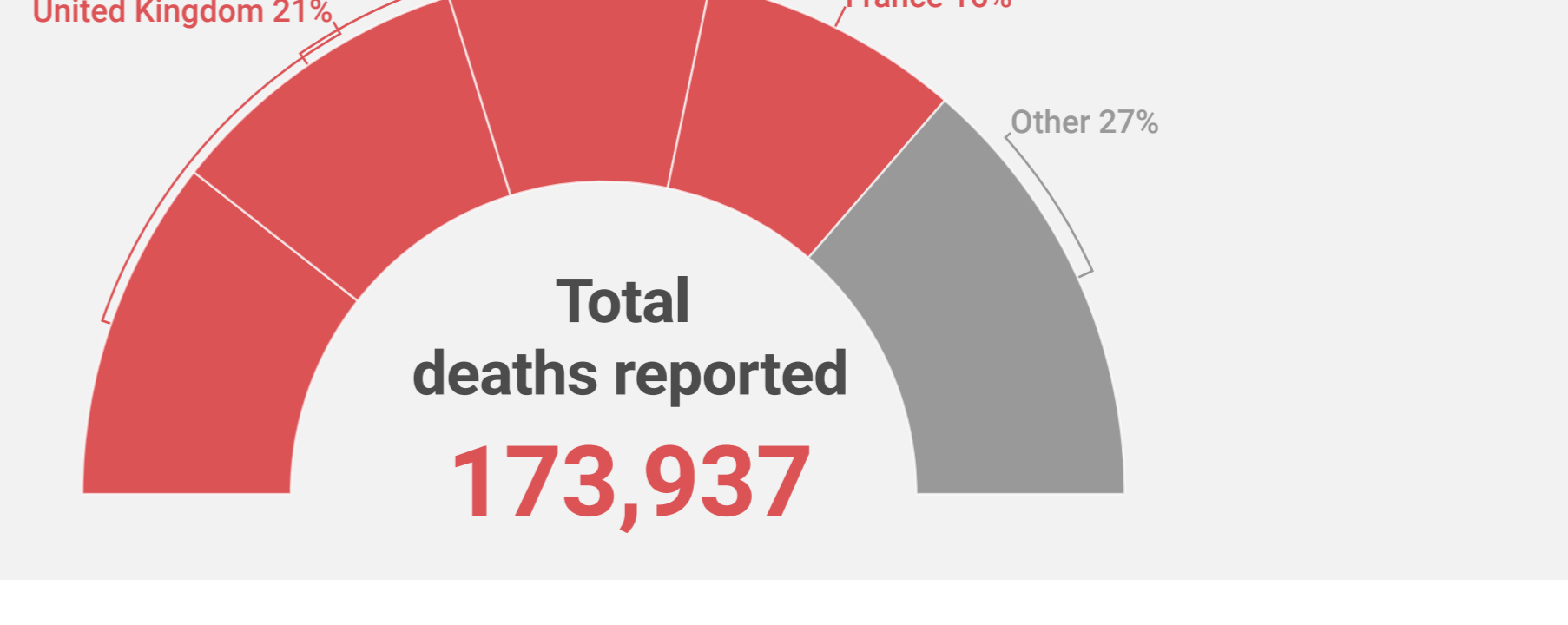
7,939



Total cases reported
2,009,613



Total deaths reported
173,937



20%
of all people infected were health care workers

97%
of all deaths had at least 1 underlying condition

58%
of all deaths were in men

79%
of all ICU admissions were people aged 50-79 years

94%
of all deaths were in persons aged 60+

65%
of all deaths had cardiovascular disease

For more detailed information see: [WHO Global situation reports](#) [WHO Global situation dashboard](#)

Figure 1: Number of COVID-19 cases (N=2,009,613) and deaths (N=173,937) by reporting week

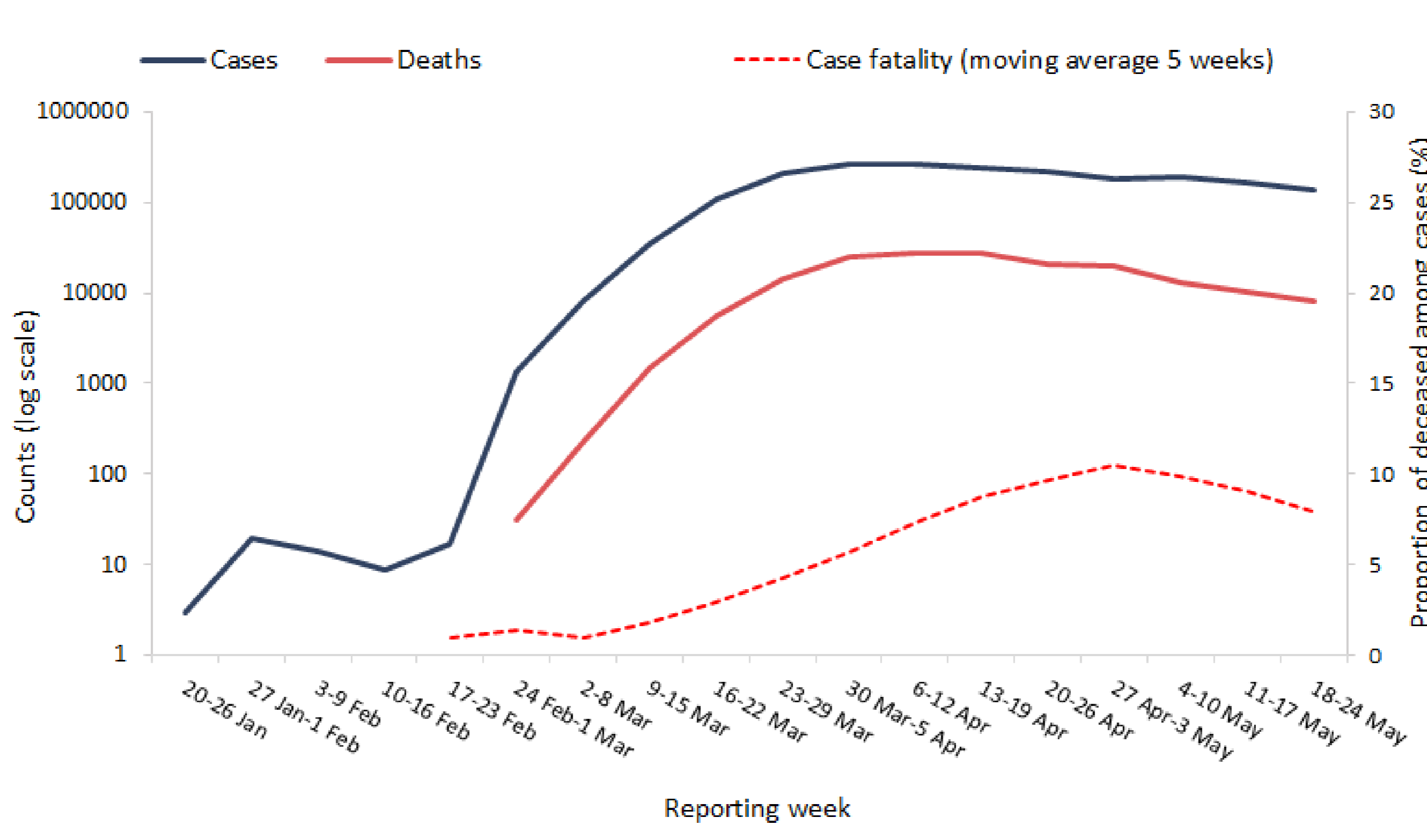
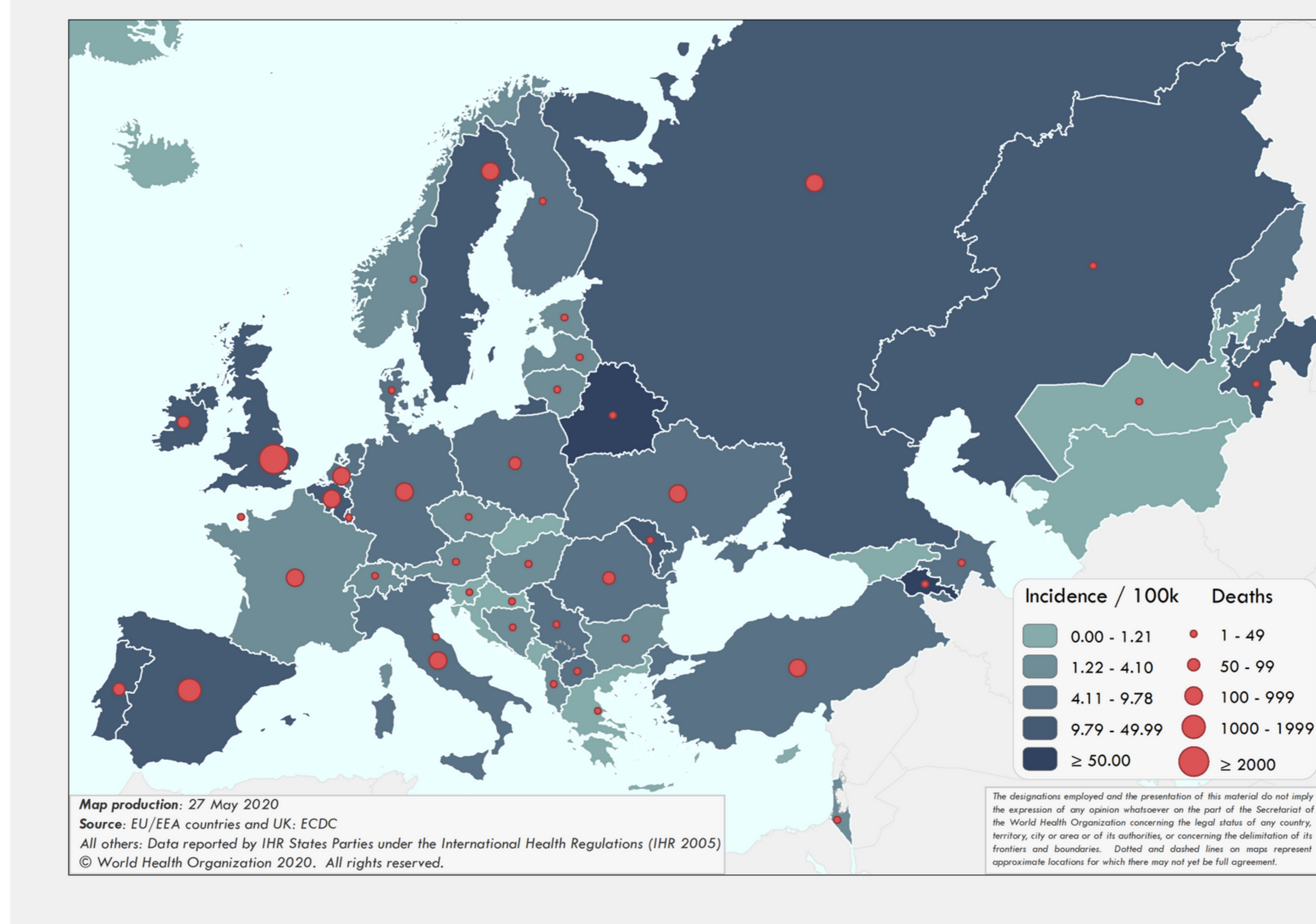
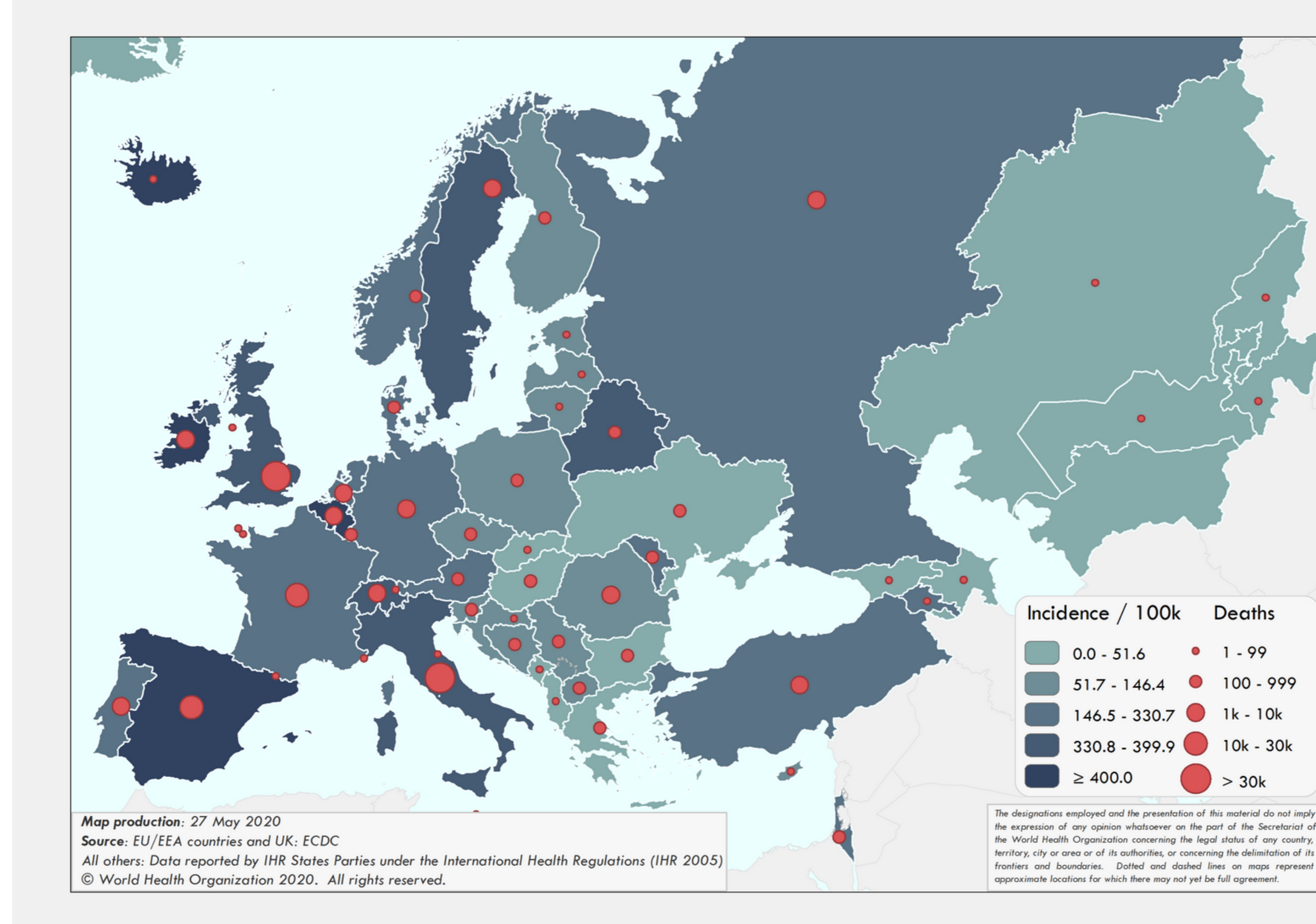


Figure 2A. COVID-19 incidence per 100,000 population and number of deaths by country for week 21



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Figure 2B. COVID-19 cumulative incidence per 100,000 population and number of deaths by country



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Figure 3. Percentage of COVID-19 cases (N=775,004) and deaths (N=102,541) by age group

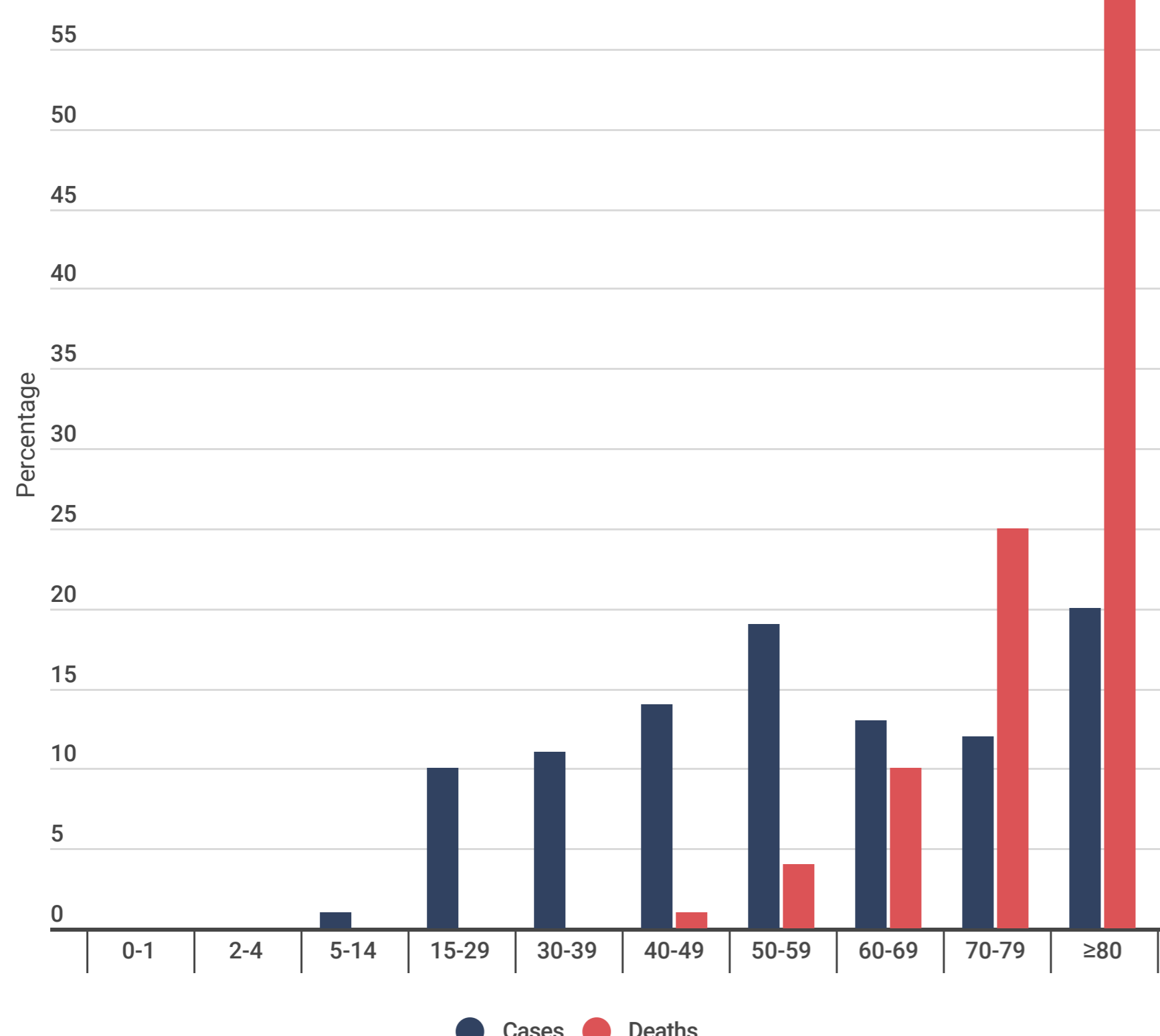


Table 1. Characteristics of COVID-19 cases and deaths

| Characteristics | n | % | Total records with data available |
|------------------------------------|------------|----|-----------------------------------|
| | | | |
| Cases | | | |
| Age in years, median (range)* | 55 (1-105) | | 528,509 |
| Sex, male* | 244,434 | 46 | 525,849 |
| Travelled* | 17,149 | 12 | 143,087 |
| Recovered* | 187,575 | 90 | 208,876 |
| Health care workers* | 86,231 | 20 | 425,883 |
| Hospitalization* | 129,524 | 26 | 504,633 |
| Intensive care unit admissions* | 10,013 | 3 | 387,350 |
| Deaths | | | |
| Age in years, median (range)* | 81 (0-108) | | 102,541 |
| Sex, male* | 59,507 | 59 | 102,430 |
| At least one underlying condition* | 28,590 | 97 | 29,529 |
| • cardiovascular disease | 16,958 | 65 | 26,195 |
| • diabetes | 8,458 | 33 | 25,293 |
| • lung disease | 5,868 | 23 | 25,624 |
| • neurological disease / dementia | 2,141 | 27 | 8,069 |
| • renal disease | 1,446 | 20 | 7,279 |
| • malignancy | 873 | 25 | 3,431 |
| • obesity | 574 | 9 | 6,308 |
| • liver disease | 347 | 5 | 7,215 |
| • immune disease | 225 | 3 | 6,943 |
| • other | 12,449 | 52 | 24,040 |

*Case report forms (n=530,353);
*Case report forms and aggregated data from Italy (21/22 May 2020) and Spain (21 May 2020) (n=813,173);
Health care workers refer to occupation and not to the place of exposure
*Case report forms, mortality survey, aggregated data from Italy (21 May 2020) and Spain (21 May 2020) (n=102,556)

Figure 4. Percentage of COVID-19 cases (N=770,694), hospitalizations (N=131,948), ICU admissions (N=12,228) and deaths (N=102,400) by age group and sex

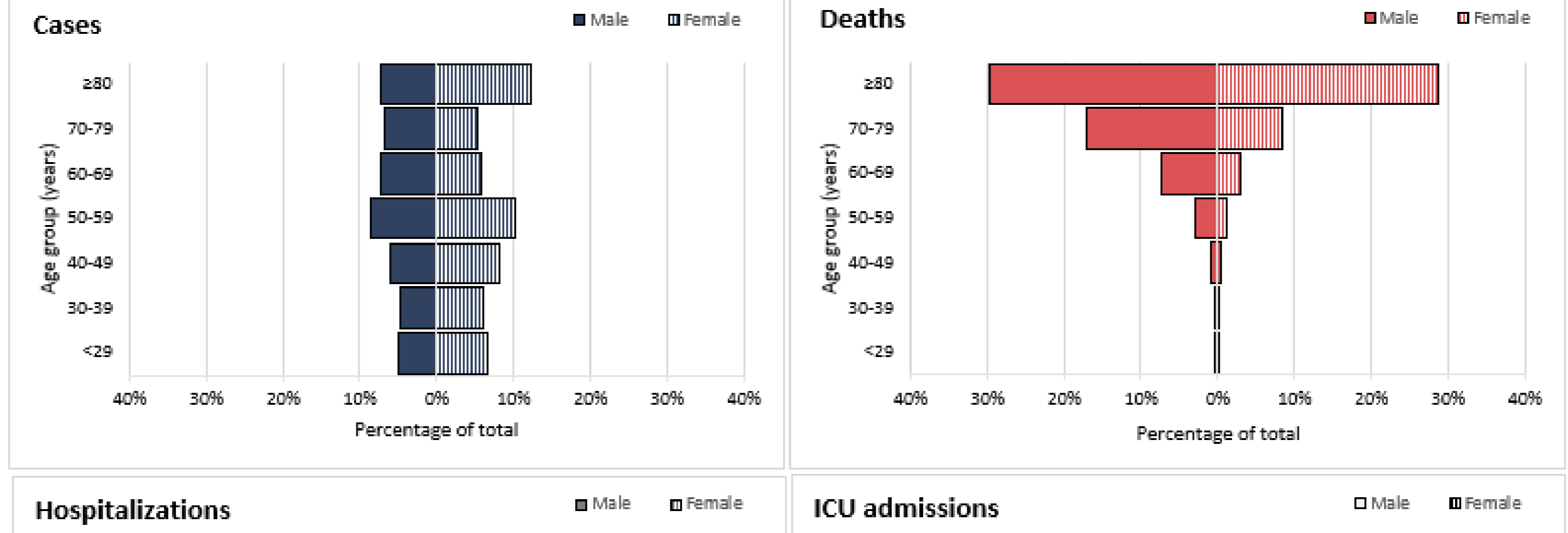


Figure 5. Percentage positive for COVID-19 in the ILI/ARI sentinel surveillance by reporting week

