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## Key points

### Week 45/2020 (2 - 8 Nov 2020)

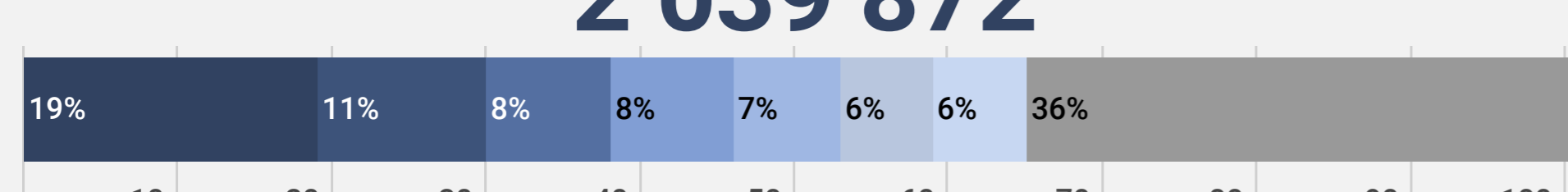
- The number of cases reported in the Region increased 14% to 2 039 872 in week 45/2020 compared to the previous week (1 795 157 cases in week 44/2020)
- 64% (1 313 978) of the cases reported in week 45/2020 were reported from seven countries: France (19%; 384 080), Italy (11%; 223 060), United Kingdom (8%; 159 781), Poland (8%; 158 909), Russian Federation (7%; 137 553), Germany (6%; 125 575) and Spain (6%; 125 020). The remaining cases (36%; 725 894) were reported by 51 countries and territories; each accounted for <5% of the total cases reported in week 45/2020
- The crude incidence continues to vary across the region with a range from 3 per 100,000 population in Tajikistan to 739 per 100,000 population in Luxembourg in week 45/2020
- Seven countries had a crude incidence of  $\geq 500$  per 100 000 population in week 45/2020: Luxembourg (739), Andorra (730), Czech Republic (712), Switzerland (651), Liechtenstein (610), France (590) and Montenegro (538) (Figure 2A). 30 countries had a crude incidence of  $\geq 200$  per 100 000 population in week 45/2020
- The 14-day cumulative incidence increased by  $\geq 10\%$  in week 45/2020 in 46 countries and territories in the Region; an increase of  $\geq 50\%$  was observed in 35 of these countries and territories: Austria, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Denmark, Estonia, France, Georgia, Germany, Greece, Guernsey, Hungary, Isle of Man, Italy, Kosovo\*, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Montenegro, North Macedonia, Norway, Poland, Portugal, Romania, San Marino, Serbia, Slovenia, Sweden and Switzerland (see [EURO COVID-19 Dashboard](#) for recent trends)
- The number of deaths in the Region in week 45/2020 increased 37% to 24 544 compared to the previous week (17 879 deaths in week 44/2020) (Figure 1). The proportion of reported cases that died was 1.2% in week 45/2020
- 72% (17 714) of the deaths reported in week 45/2020 were reported by France (14%; 3 381), Italy (10%; 2 445), United Kingdom (10%; 2 333), Russian Federation (9%; 2 302), Poland (8%; 2 005), Czech Republic (6%; 1 430), Spain (5%; 1 342), Belgium (5%; 1 332), and Ukraine (5%; 1 144). The remaining deaths (28%; 6 830) were reported from 40 countries and territories; each accounted for <5% of the total deaths reported in week 45/2020
- Community-transmission was reported by 34 countries and territories, 20 countries and territories reported cluster transmission, while 4 countries and territories reported sporadic transmission in week 45/2020
- For an interactive subnational view of the recent COVID-19 situation in the WHO-EURO Region see the [WHO-EURO COVID-19 Subnational Explorer](#)

## Summary overview

- The cumulative cases across the Region increased 18% to 13 241 179 cases in week 45/2020 (from 11 201 307 cases in week 44/2020) and cumulative deaths increased by 8.5% to 312 686 deaths (from 288 142 deaths in week 44/2020)
- As of 20 October 2020, 32 countries in the Region had an effective reproductive number significantly over 1 (See [EpiForecasts and the CMMID COVID working group COVID-19 Global Summary](#) for latest estimates)
- Nine countries in the Region each reported a cumulative incidence of  $\geq 3000$  cases per 100,000 population: Andorra (6895), Belgium (4363), Czech Republic (3847), Israel (3743), Montenegro (3674), Luxembourg (3651), Armenia (3598), San Marino (3251) and Holy See (3190) (Figure 2B)
- As of week 45/2020, 58% (7 626 665) of cumulative cases were reported from the Russian Federation (13%; 1 774 334), France (13%; 1 748 705), Spain (10%; 1 371 190), United Kingdom (9%; 1 171 441), Italy (7%; 902 490) and Germany (5%; 658 505). The remaining cases (42%; 5 614 514) were reported by 55 countries and territories; each accounted for <5% of the total cases reported until week 45/2020
- As of week 45/2020, 64% of cumulative deaths (200 046) were reported from the United Kingdom (16%; 48 888), Italy (13%; 41 063), France (13%; 40 169), Spain (13%; 39 389) and the Russian Federation (10%; 30 537). The remaining deaths (36%; 112 640) were reported by 52 countries and territories; each accounted for <5% of the total cases reported until week 45/2020
- 16.8% of cases were in persons aged  $\geq 65$  years in week 45/2020, a decrease from 36% in week 14/2020, while the percentage of fatal cases aged  $\geq 65$  years was 87% in week 45/2020 (compared to 91% in week 14/2020) (Figure 3)
- 88% of all deaths with information available were in persons aged  $\geq 65$  years and 56% of all deaths were in men (Table 1). 96% of all deaths with information available had at least one underlying condition, with cardiovascular disease the leading comorbidity (83%) (Table 1)
- The latest weekly pooled [EuroMMQ](#) estimates show a substantial excess all-cause mortality overall for the participating European countries, coinciding with a reported increase in COVID-19 cases in several countries. This excess mortality is driven by a very substantial excess mortality in some countries, while other countries see normal mortality levels. The excess all-cause mortality is seen primarily in the age group of 65 years and above, but also in the age groups of 15-44 and 45-64 years
- In week 45/2020, one country reported a total of 27 tests and 4 detections of SARS-CoV-2 in persons with influenza-like illness (ILI) in primary care sentinel surveillance (Figure 4)
- Overall, there were 1 484 352 COVID-19 cases among the total of 10 746 215 tests reported to have been performed in 31 countries in week 45/2020 (Figure 5)

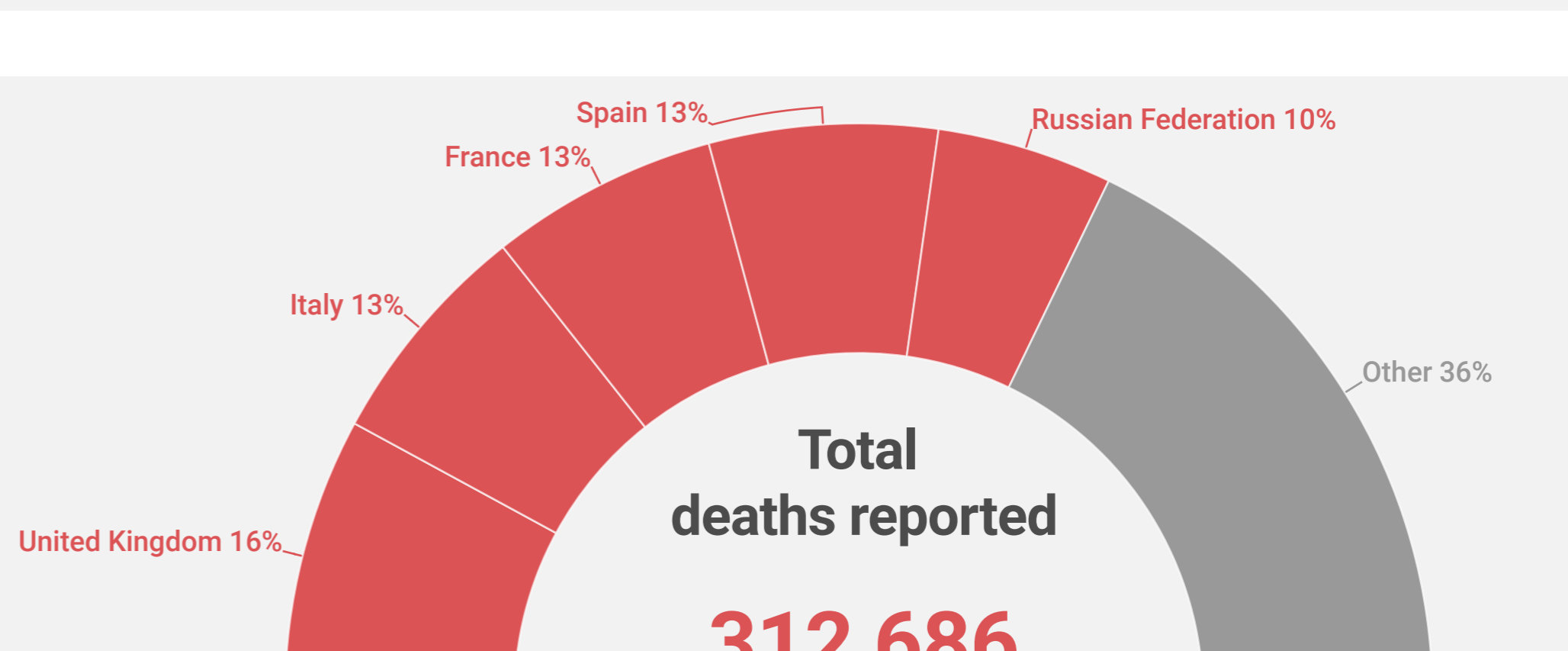
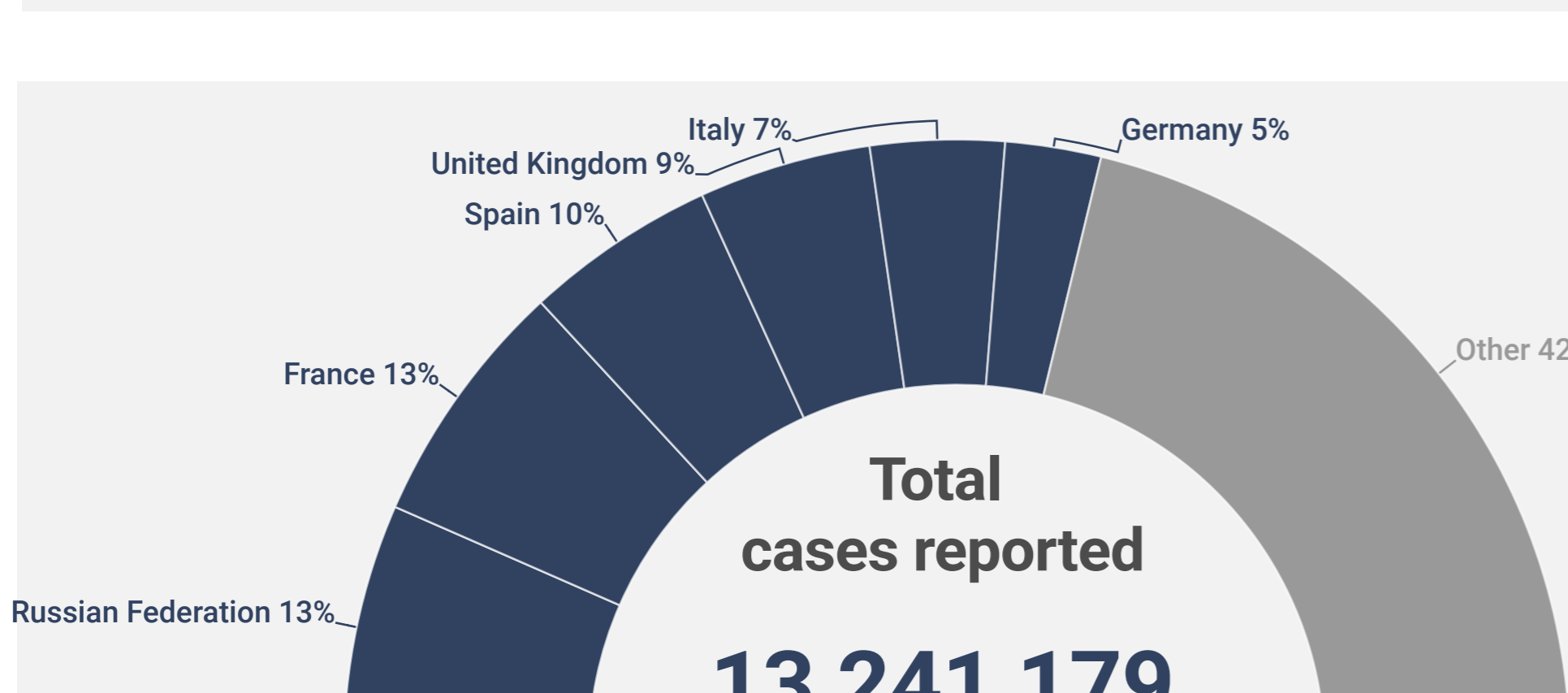
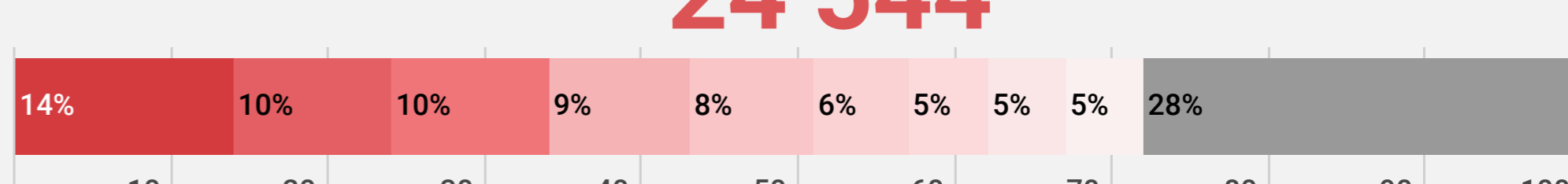
## New cases (week 45/2020)

2 039 872



## New deaths (week 45/2020)

24 544



Note: Reported cases and/or deaths from WHO Member States may be subject to retrospective adjustments. \* All references to Kosovo in this document should be understood to be in the context of the United Nations Security Council resolution 1244 (1999).

**88%**  
of all deaths  
were in persons aged  $\geq 65$

**56%**  
of all deaths  
were in men

**96%**  
of all deaths  
had at least 1 underlying  
condition

**83%**  
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=13 241 179) and deaths (N=312 686) by reporting week

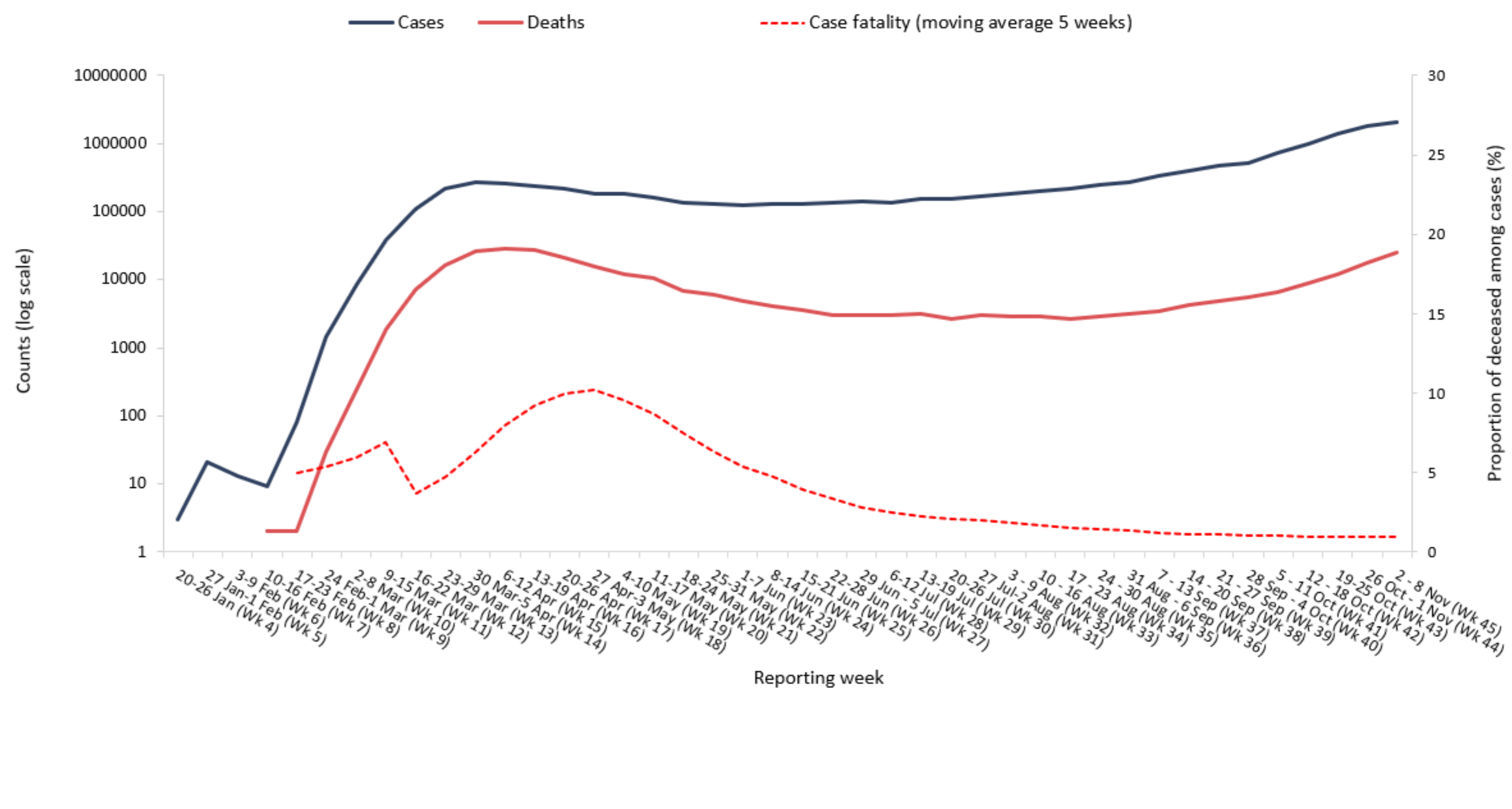


Figure 2A. COVID-19 incidence per 100,000 population and number of deaths by country for week 45

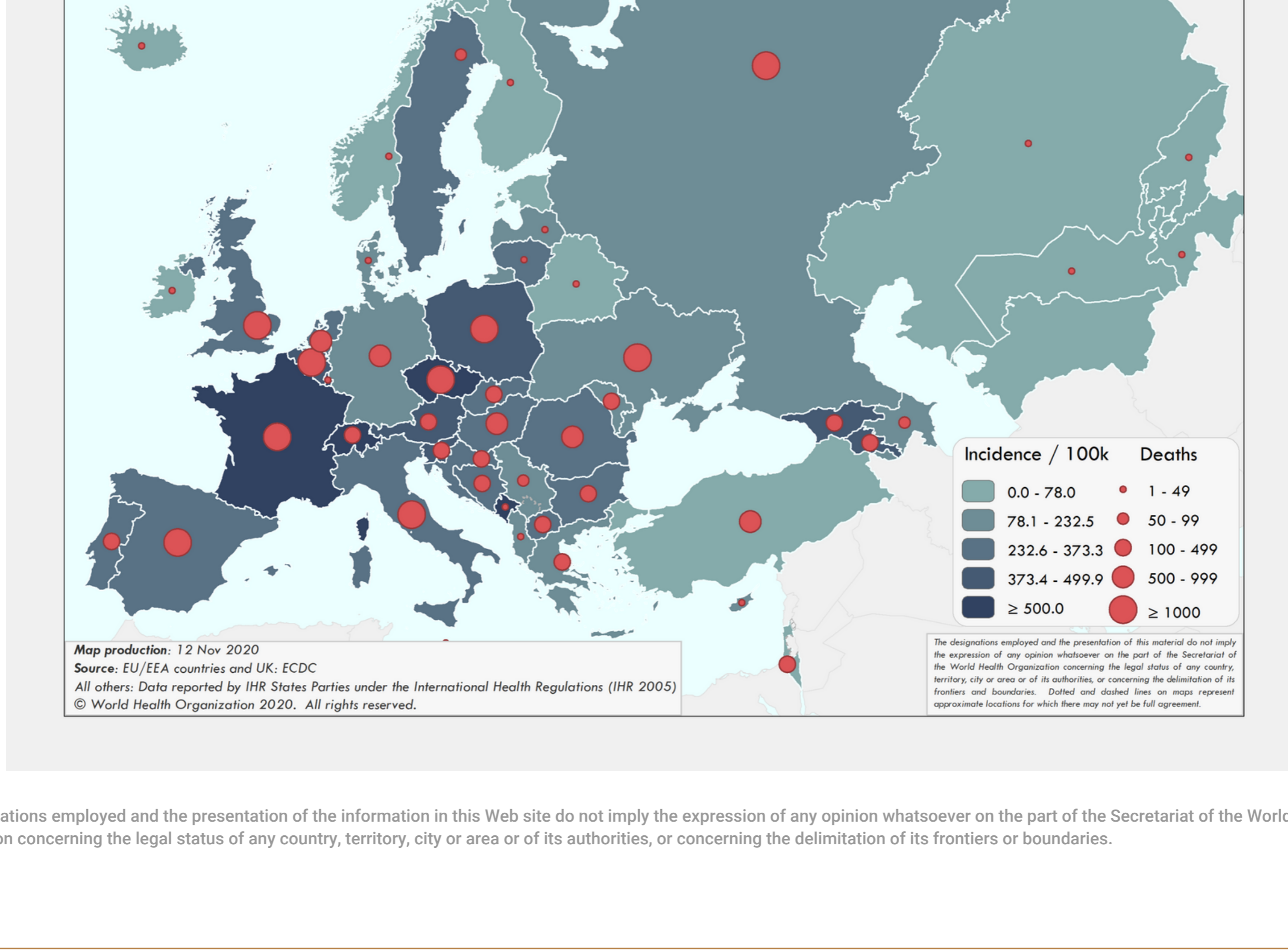


Figure 2B. COVID-19 cumulative incidence per 100,000 population and number of deaths by country

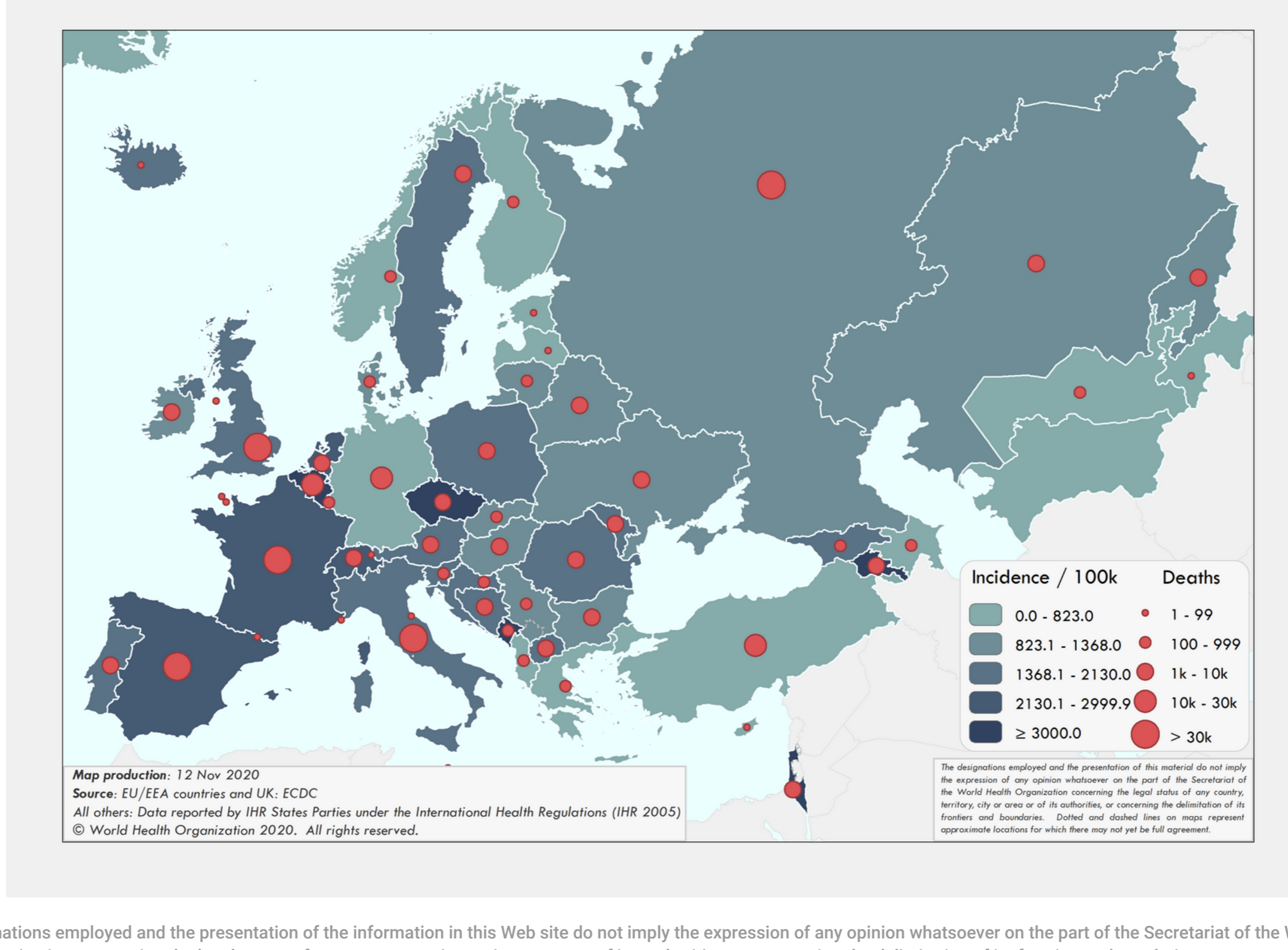
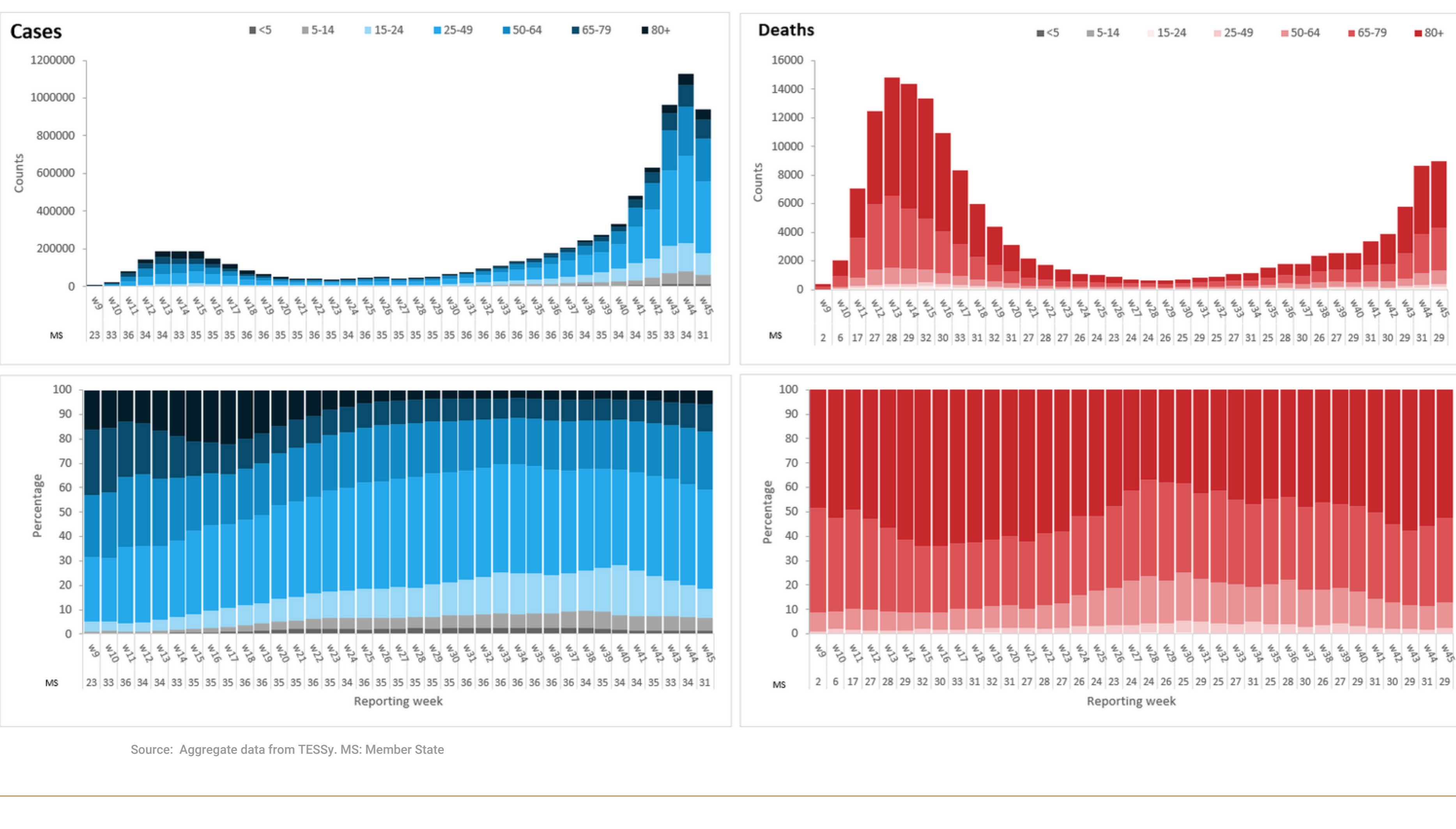


Table 1. Characteristics of COVID-19 deaths

Characteristics	n	%	Total records with data available
Age in years, median (range)	81	(0-109)	129,084
Sex, male	71,782	56	127,414
At least one underlying condition	61,099	96	63,792
• cardiovascular disease	15,648	83	18,866
• diabetes	5,507	64	8,659
• lung disease	2,139	23	9,430
• neurological disease / dementia	2,353	20	11,646
• renal disease	942	24	3,870
• obesity	824	12	7,076
• liver disease	760	7	11,026
• immune disease	338	5	7,333

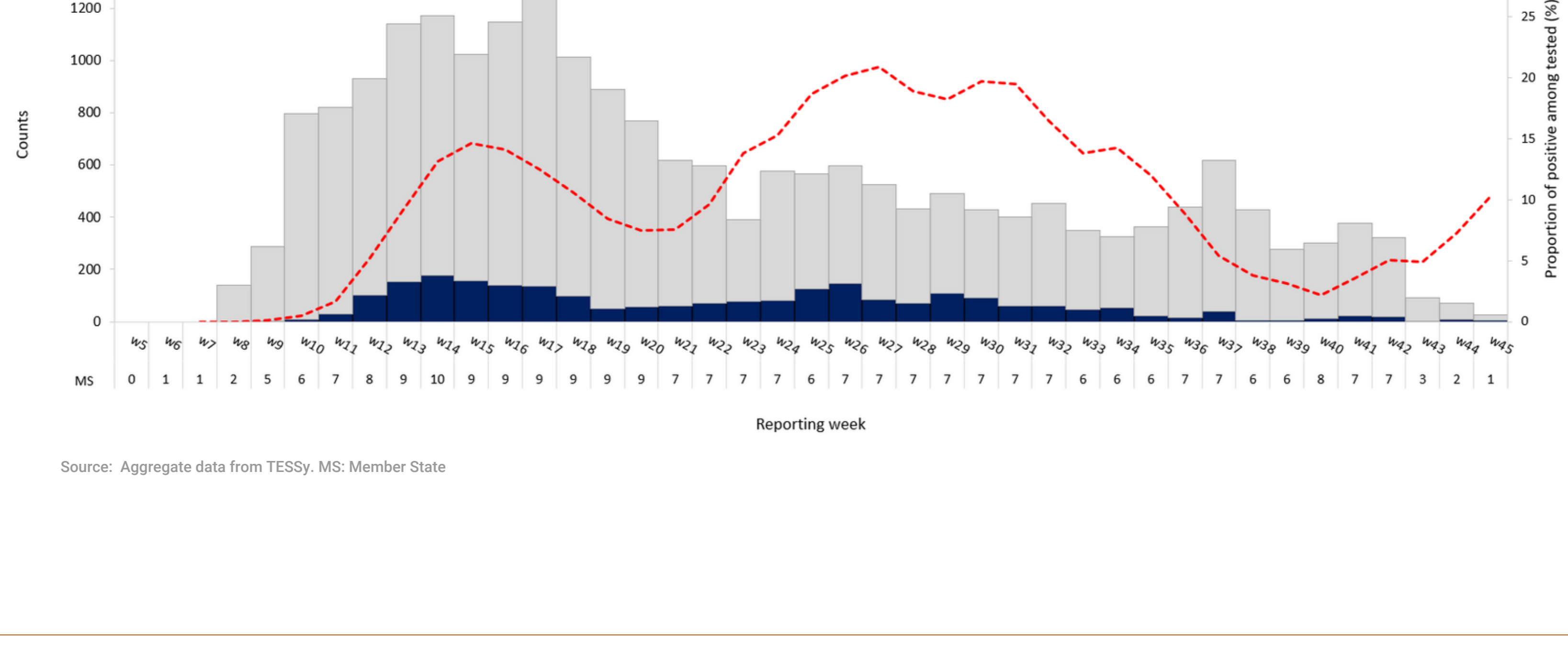
Source: Mortality database (n=129 128)

Figure 3. COVID-19 cases (N=7 664 915) and deaths (N=152 509) by age group and reporting week



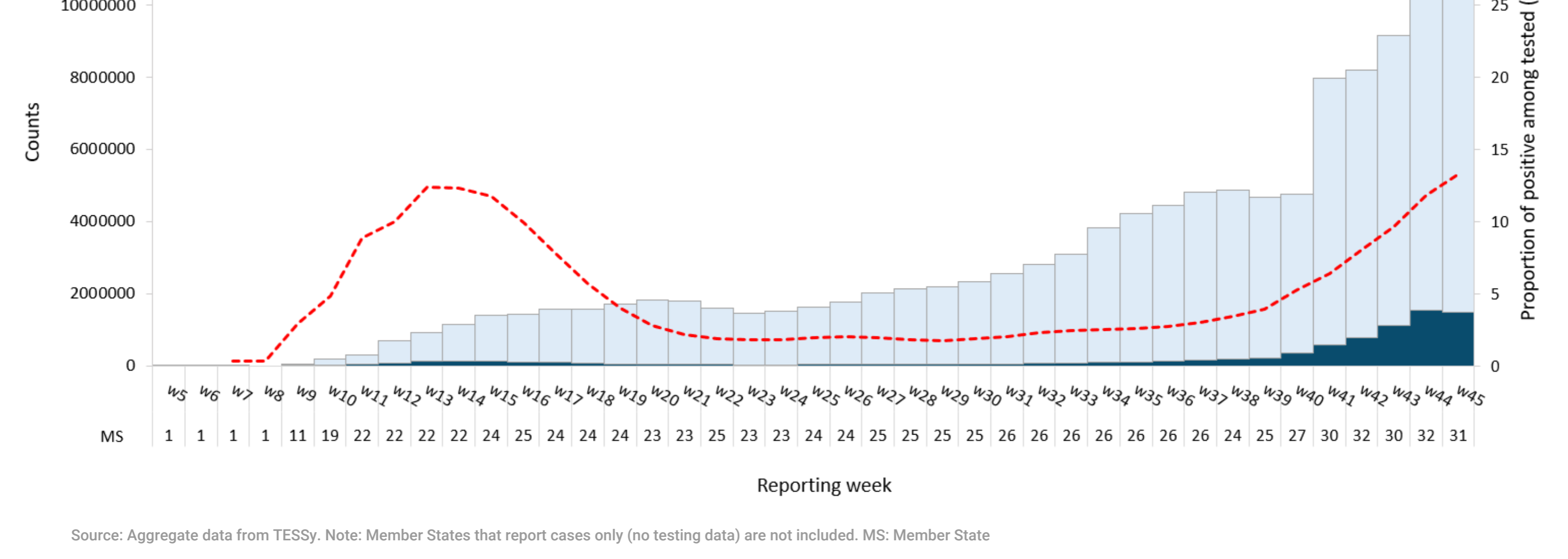
Source: Aggregate data from TESSy. MS: Member State

Figure 4. Percentage positive for COVID-19 in the ILI/ARI sentinel surveillance by reporting week



Source: Aggregate data from TESSy. MS: Member State

Figure 5. Percentage positive for COVID-19 among all tested by reporting week



Source: Aggregate data from TESSy. Note: Member States that report cases only (no testing data) are not included. MS: Member State