

## European Mortality Bulletin, week 11, 2020:

Pooled estimates of all-cause mortality show normal expected levels overall in the participating countries.

Data from 24 participating countries or regions were included in this week's pooled analysis of all-cause mortality in Europe.

The number of deaths in the recent weeks should be interpreted with caution as adjustments for delayed registrations may be imprecise. Furthermore, results of pooled analyses may vary depending on countries included in the weekly analyses. Pooled analyses are adjusted for variation between the included countries and for differences in the local delay in reporting. Further details are available on <http://www.euromomo.eu>.

### **Special note in relation to COVID-19 related mortality as part of the all-cause mortality figures reported by EuroMOMO**

The EuroMOMO hub receives multiple questions about the weekly all-cause mortality data and the possible contribution of COVID-19 related mortality. Some wonder why there no increased mortality observed in the reported mortality figures for the COVID-19 affected countries.

The answer is that an increased mortality only at subnational level or within smaller focal areas may not be detected at national level. Even more so in the pooled European-wide analysis, given the large total population denominator related to total mortality. Furthermore, there is always a few weeks of delay in death registration and reporting. Hence, the EuroMOMO mortality figures for the most recent weeks must be interpreted with some caution. Therefore, although no increased mortality is currently observed in the EuroMOMO figures, it does not rule out that increased mortality occur in some areas or in some age groups, including mortality related to COVID-19.

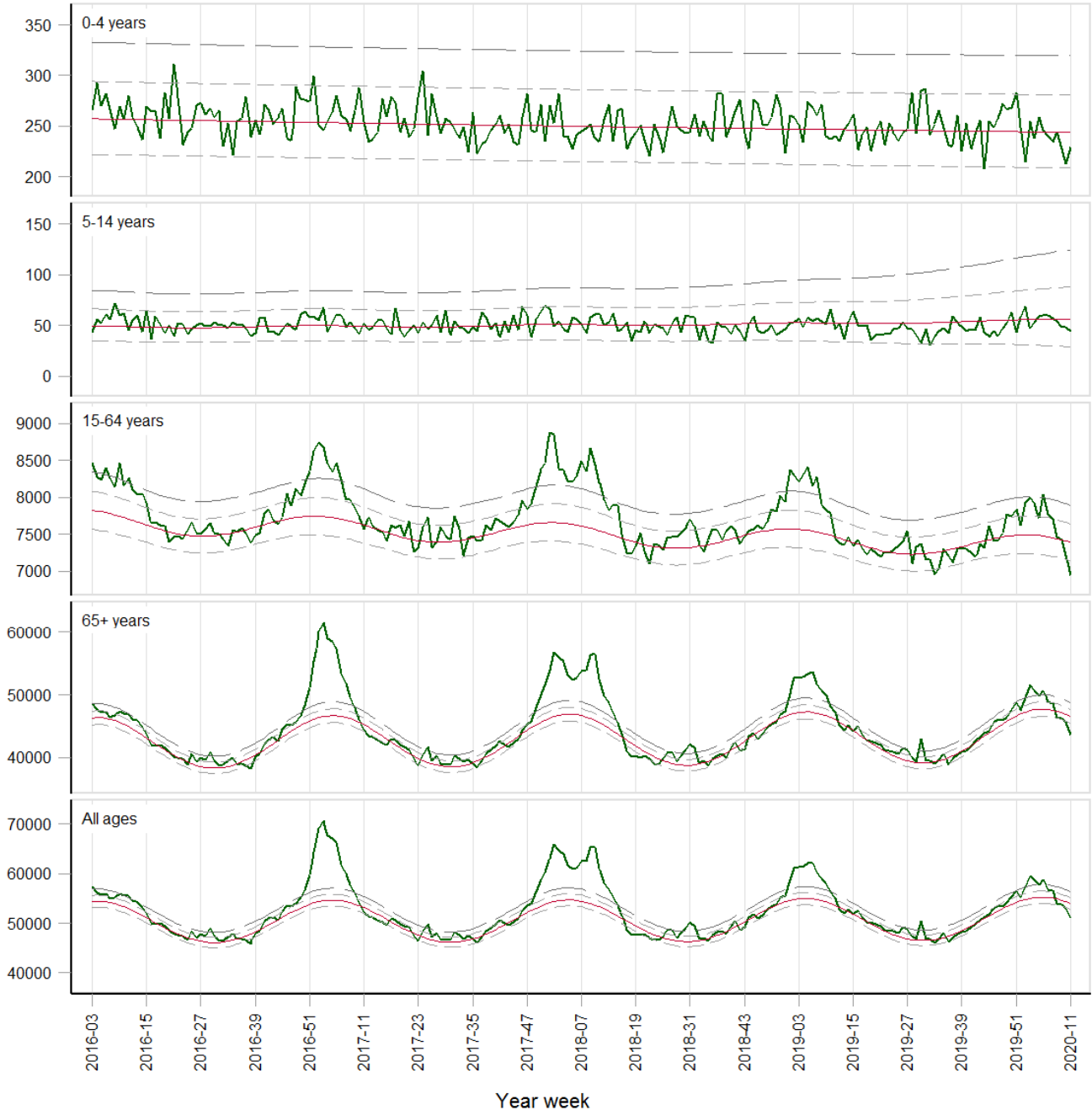
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Pooled number of deaths

EuroMOMO: week 11, 2020



— Stratified baseline      — Delay-adjusted number of deaths  
 - - - Normal range (+- 2 z-scores)      - - - Substantial increase (4 z-scores)

**Participating countries:**

Austria, Belgium, Denmark, Estonia, Finland, France, Germany (Berlin), Germany (Hesse), Greece, Hungary, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK (England), UK (Northern Ireland), UK (Scotland), UK (Wales)

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