

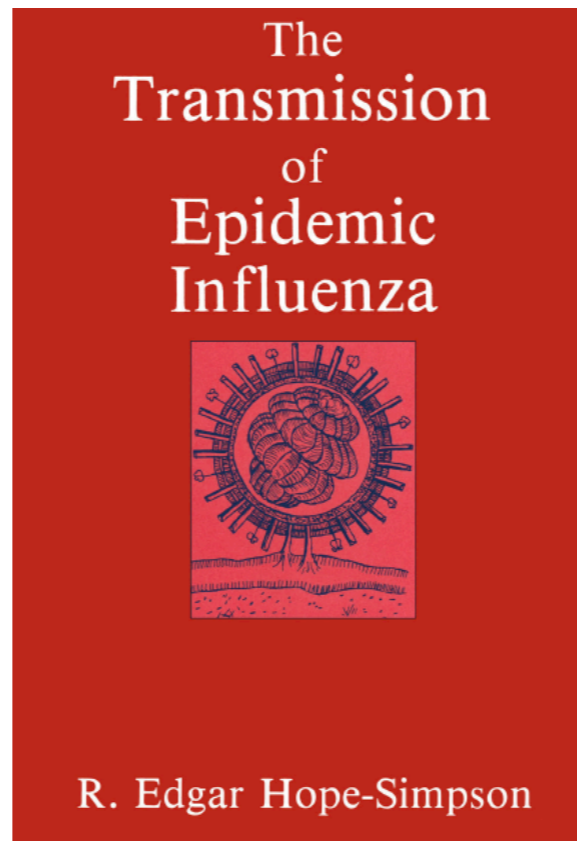
Wuhan and Climate

Quick Look

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Assembled 10-15-2020

Concept Based on a book published in 1992



- Various global zones near the equator and north and south mid-latitudes show seasonal viral infection patterns for global epidemics of flu and severe acute respiratory contagions that include the corona type virus.
- Edgar Hope-Simpson developed graphic to show the pattern

A time and geographical graphic

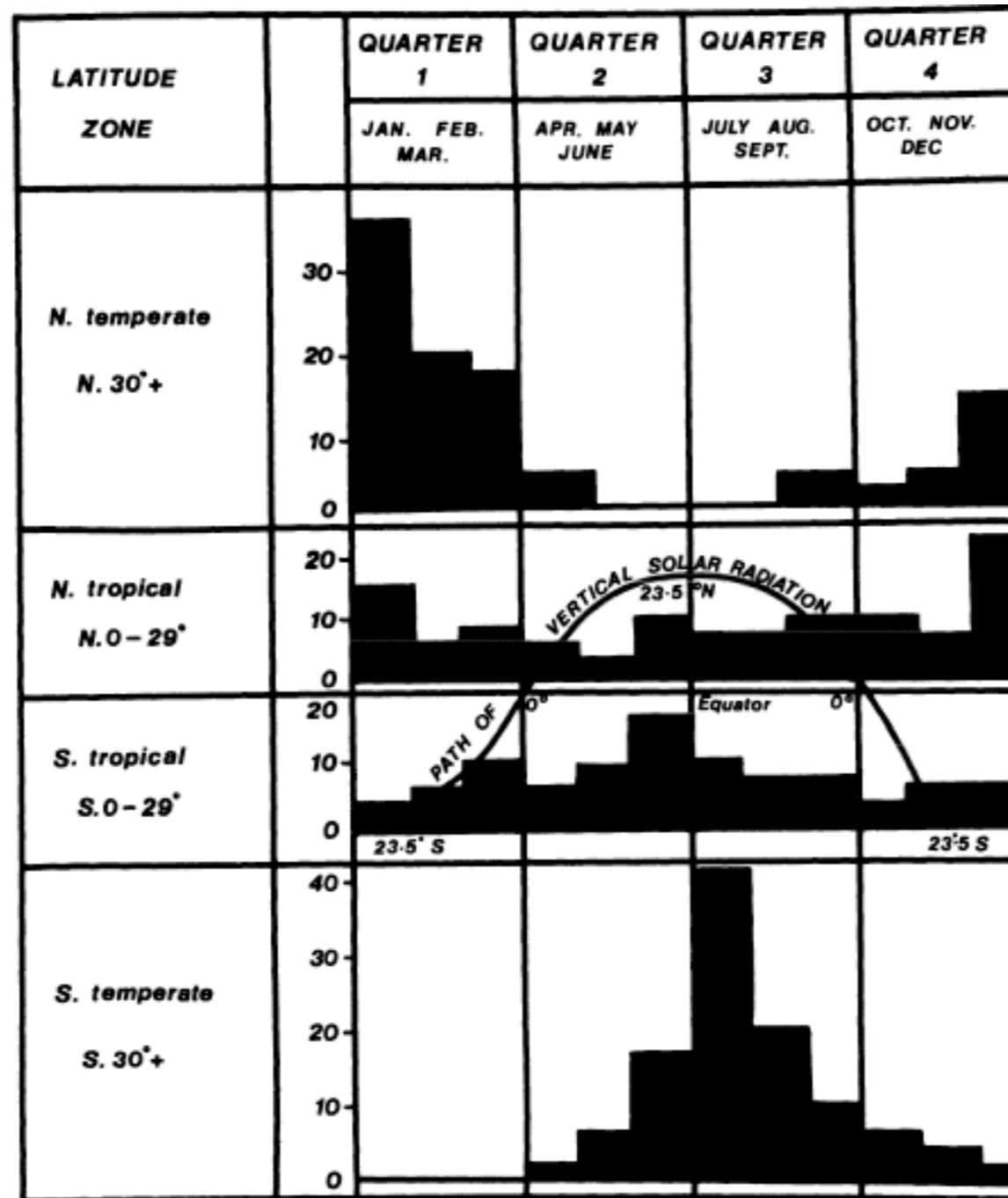
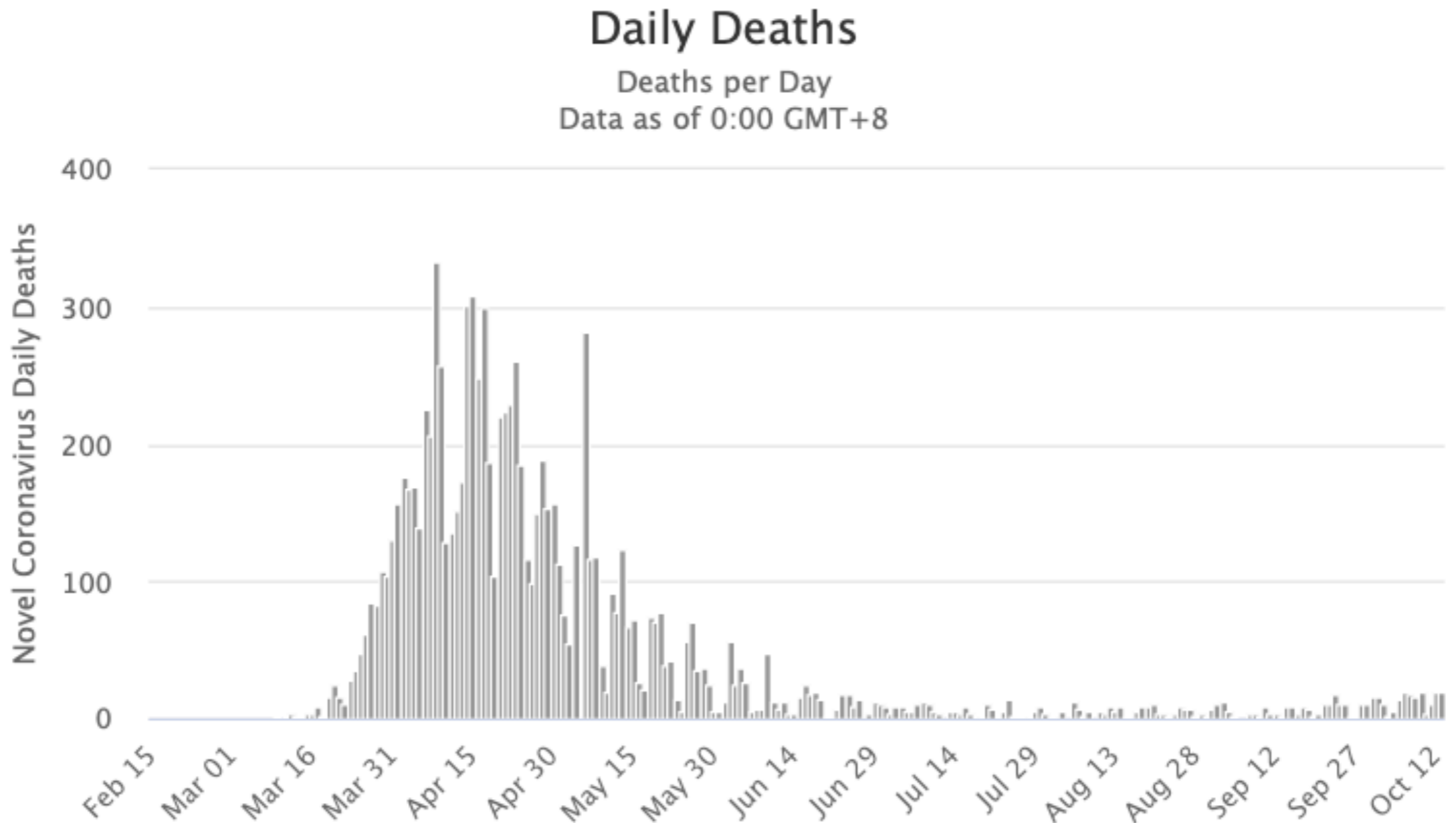


FIGURE 8.4. The distribution of world epidemic influenza 1964 to 1975 in four major zones of latitude. In each zone the percentage of the zone's epidemic months is shown monthly. The epidemic months cluster around local midwinter in both temperate zones whereas in both tropical zones they show a transition, each approaching the distribution in its own temperate zone. See also Table 8.1 (data extracted from the *Weekly Epidemiological Record* of WHO; Hope-Simpson,⁴ p. 39, Fig. 2: reproduced with permission from *Epidemiology and Infection*).

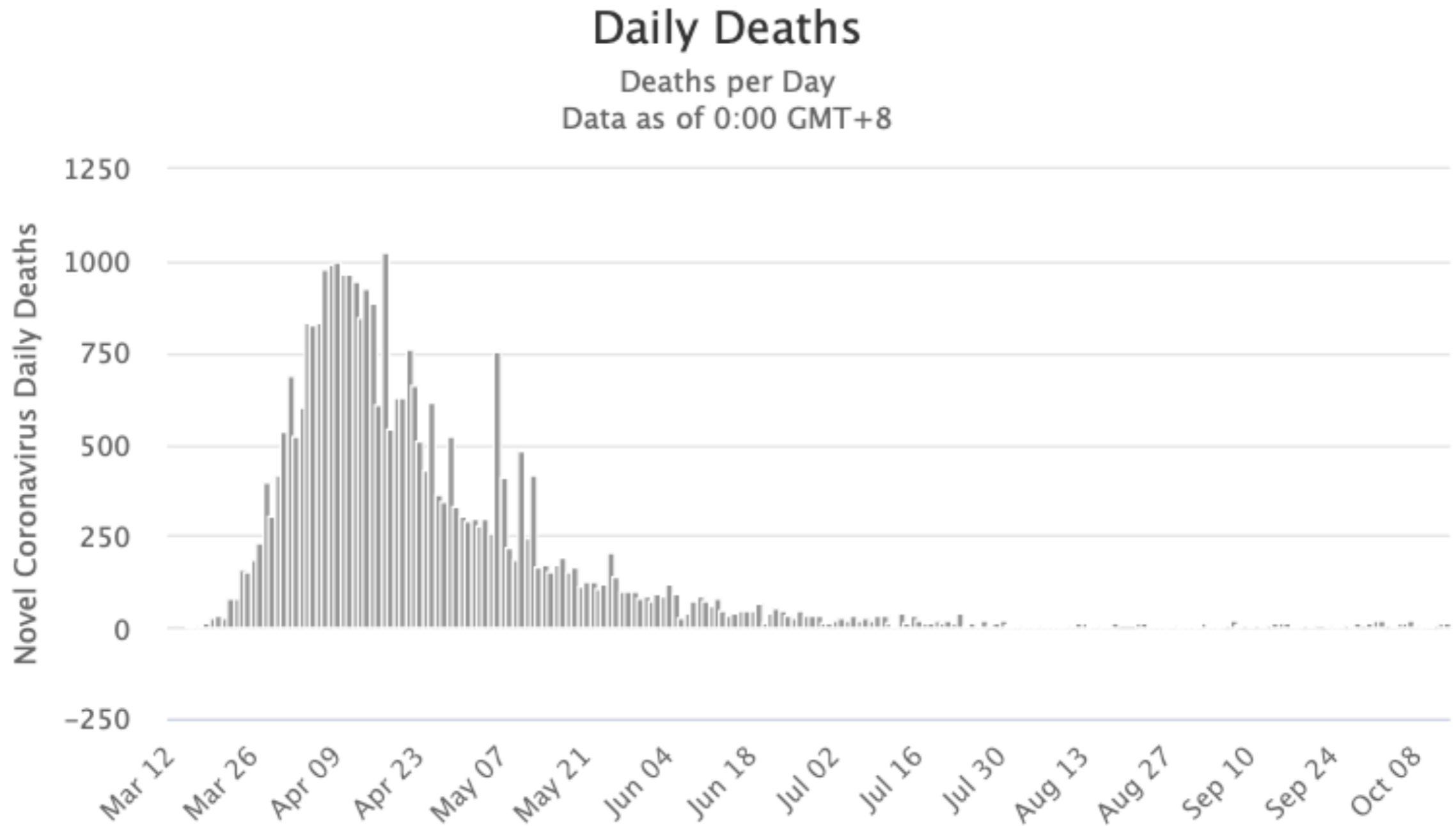
Lots of N. Temperate Examples

Daily New Deaths in Germany



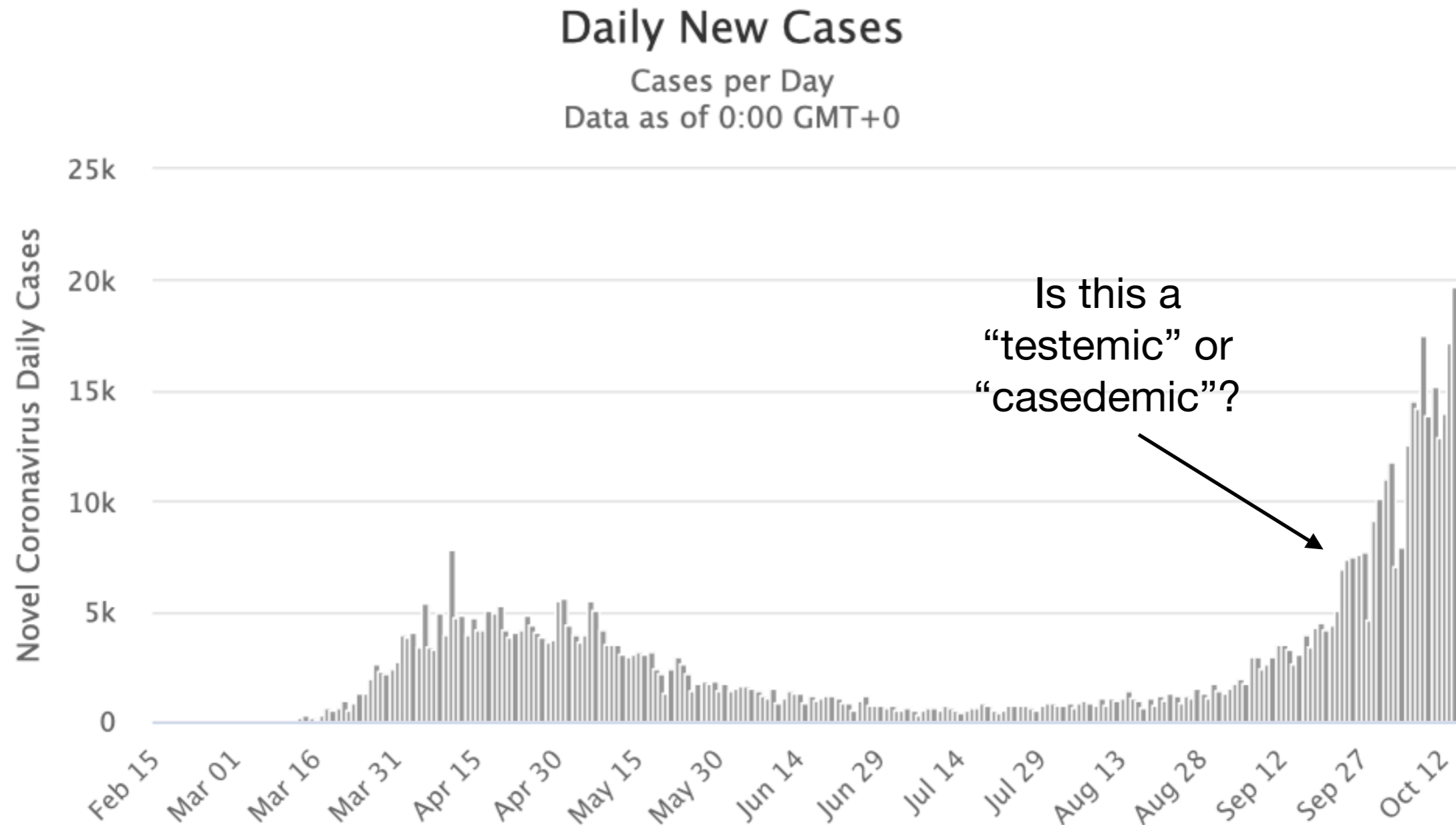
NY State - N. Temperate

Daily New Deaths in New York



N. Temperate UK cases

Daily New Cases in the United Kingdom

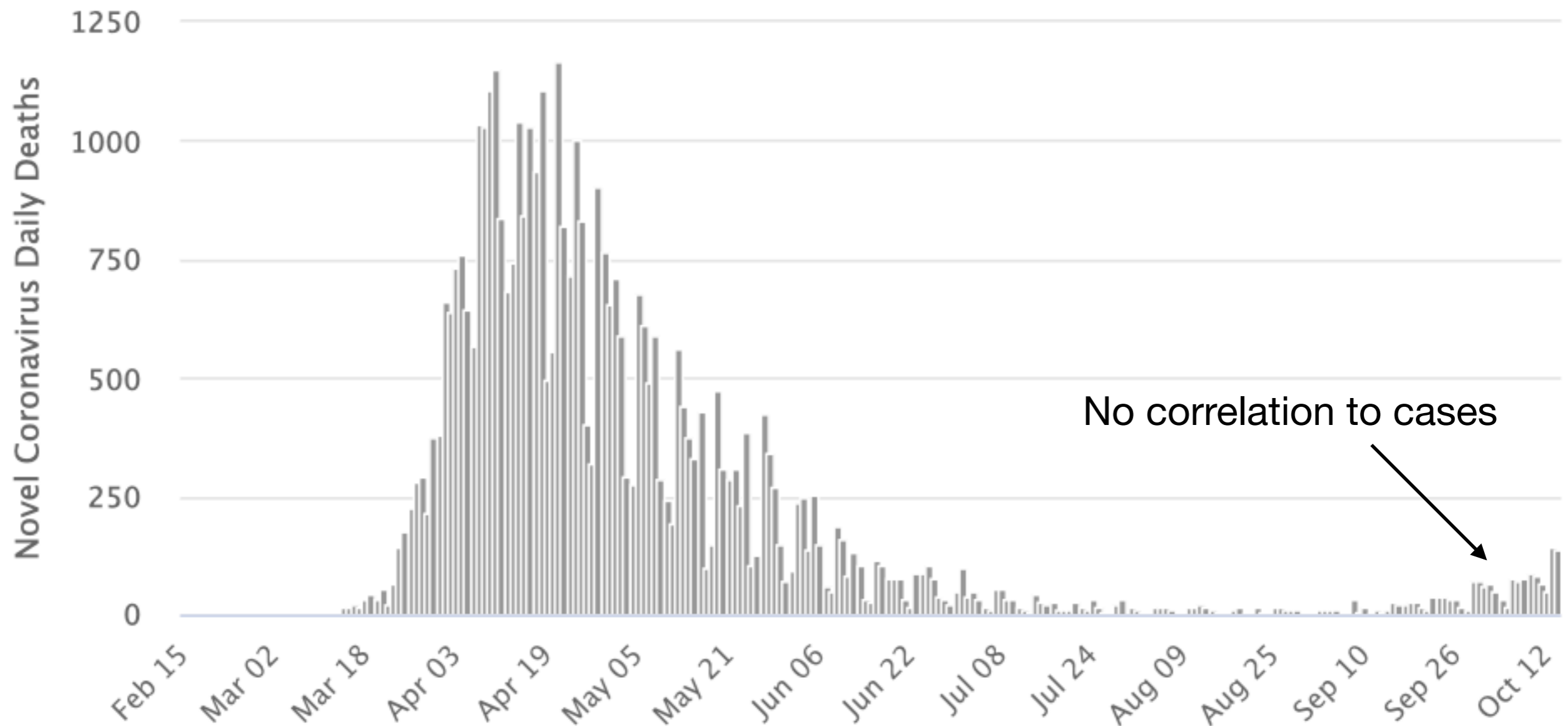


Note the dramatic increase in cases for a N. Temperate country. See UK deaths next.

N. Temperate UK deaths

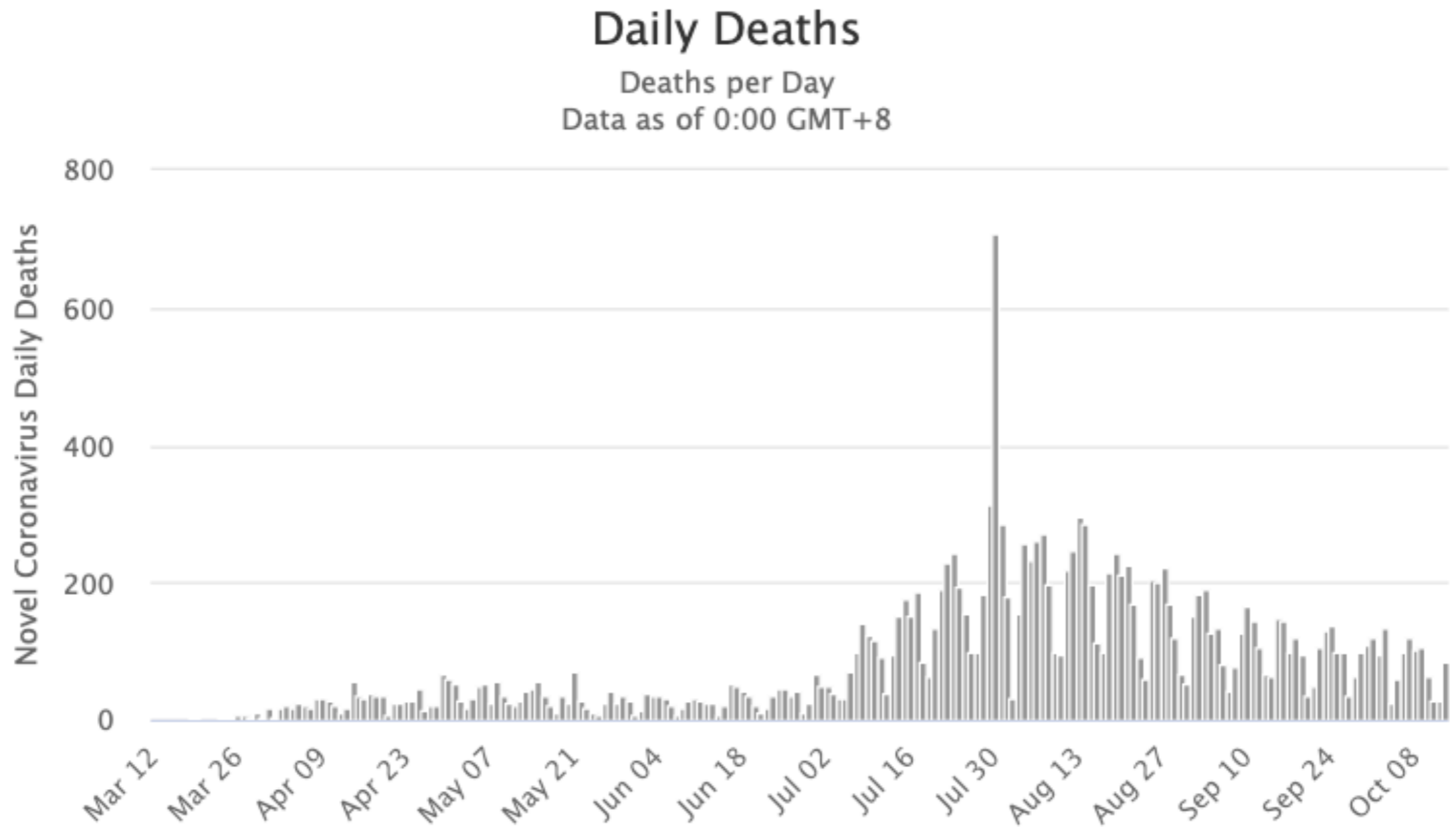
Daily Deaths

Deaths per Day
Data as of 0:00 GMT+8



N. Tropical

Daily New Deaths in Texas

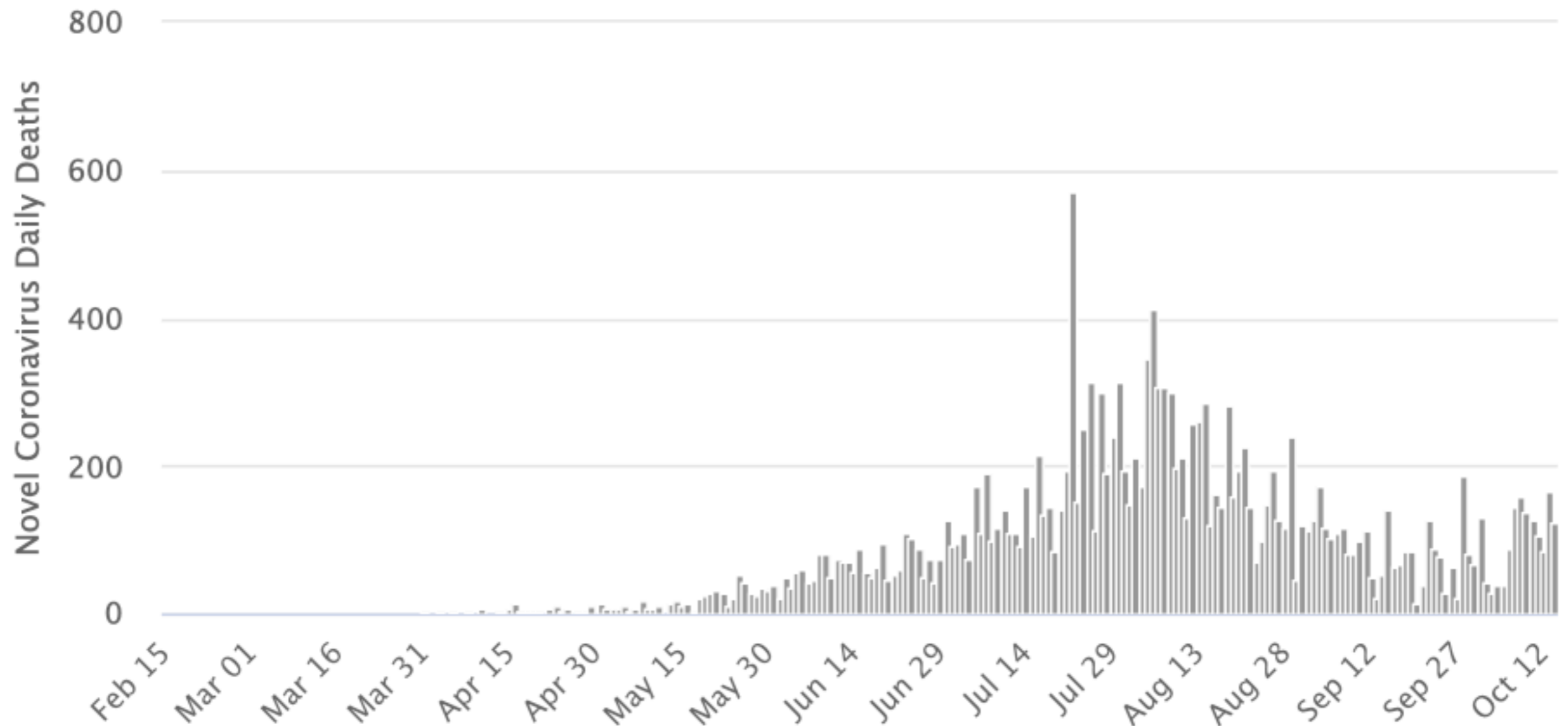


S. Temperate

Daily New Deaths in South Africa

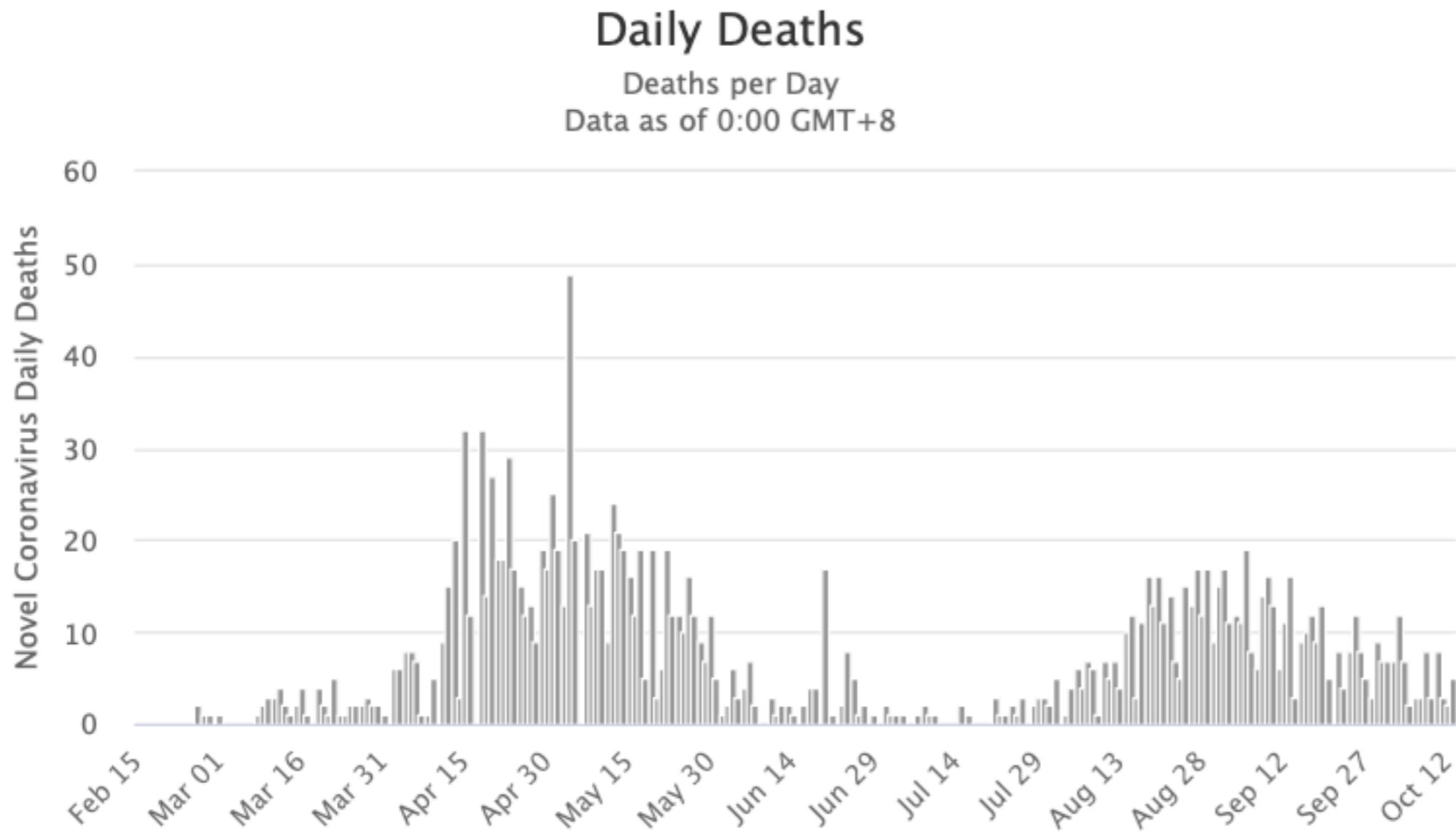
Daily Deaths

Deaths per Day
Data as of 0:00 GMT+8



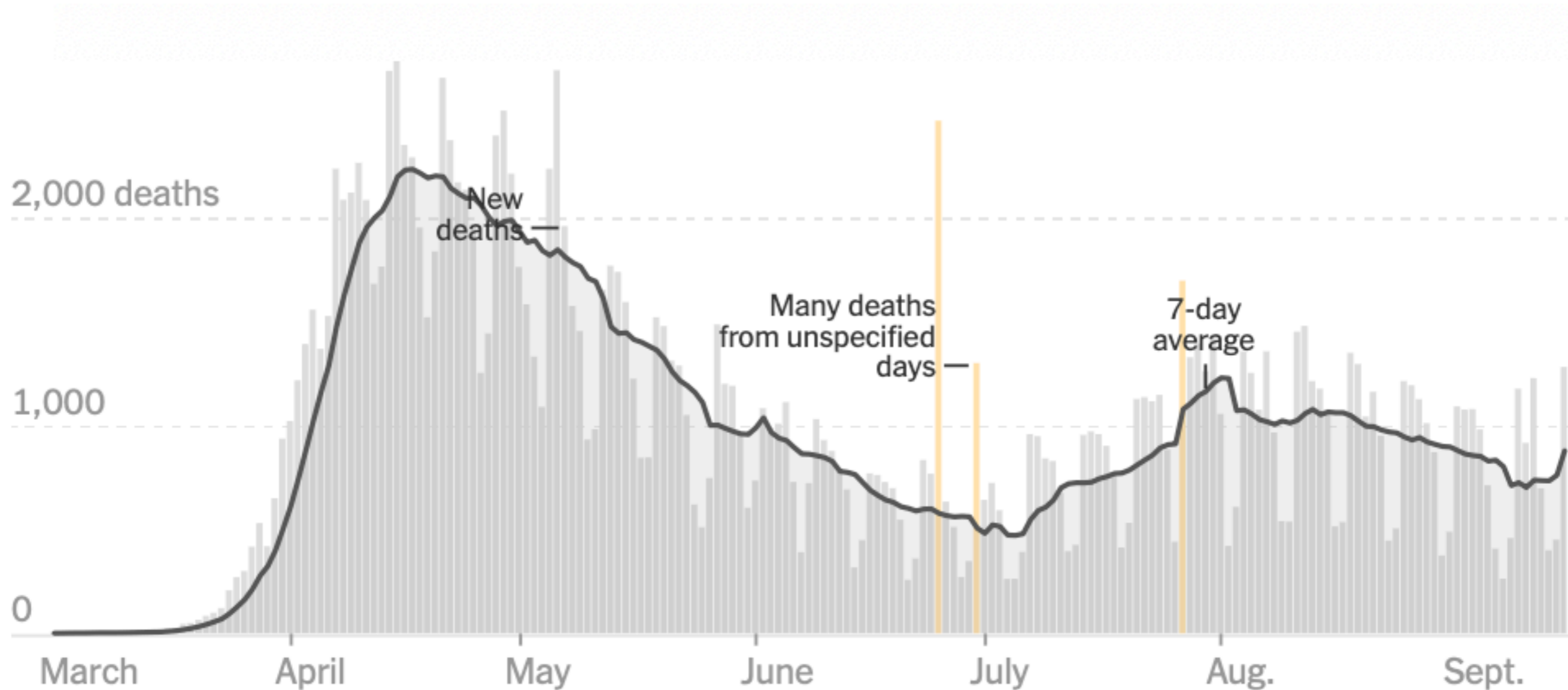
N. Temperate - N. Tropical

Daily New Deaths in Japan



More N. Temp - N. Tropical

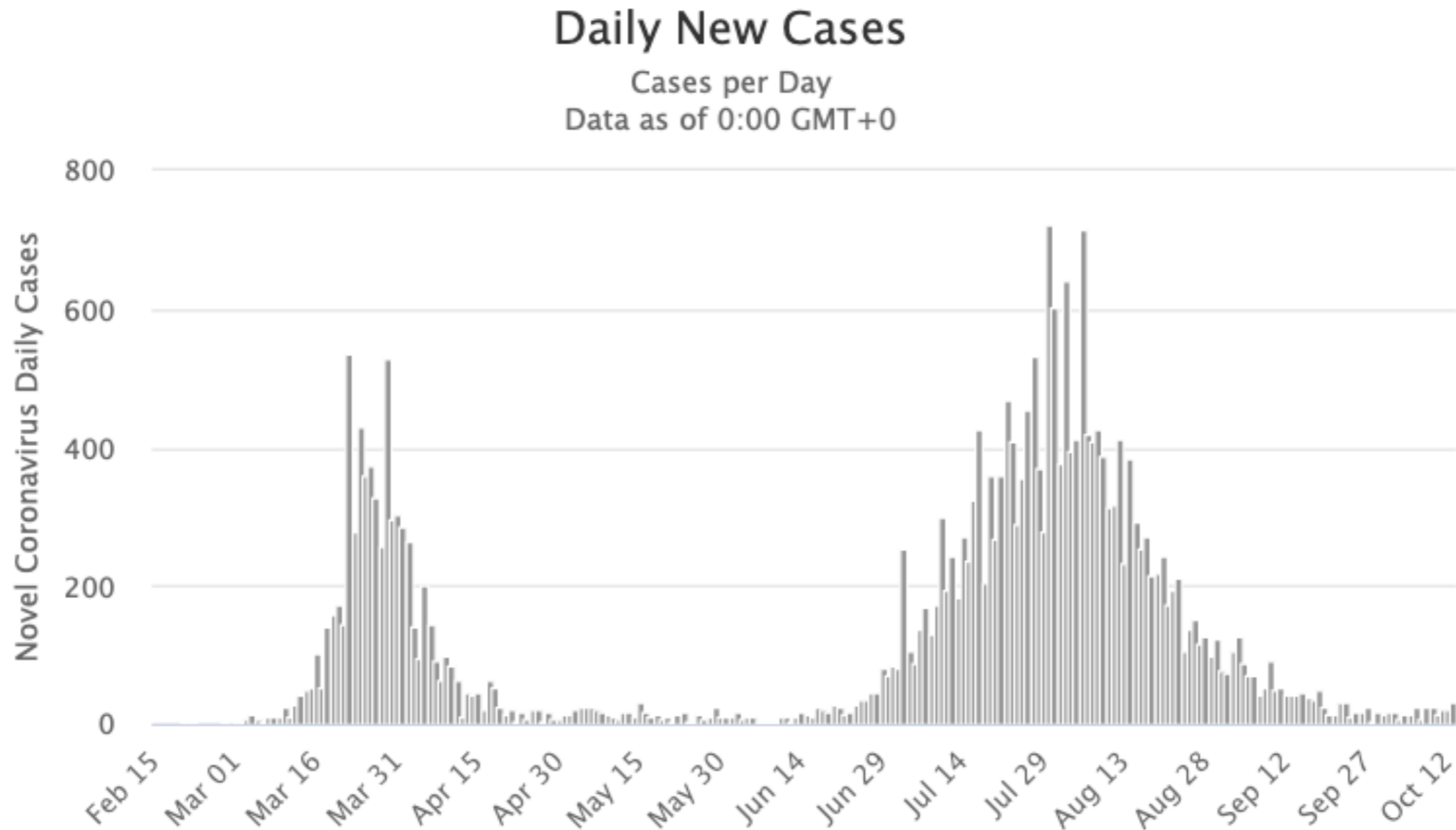
New reported deaths by day in the United States



■ These are days with a data reporting anomaly. Read more [here](#).

Cases S. Temperate - S. Tropical

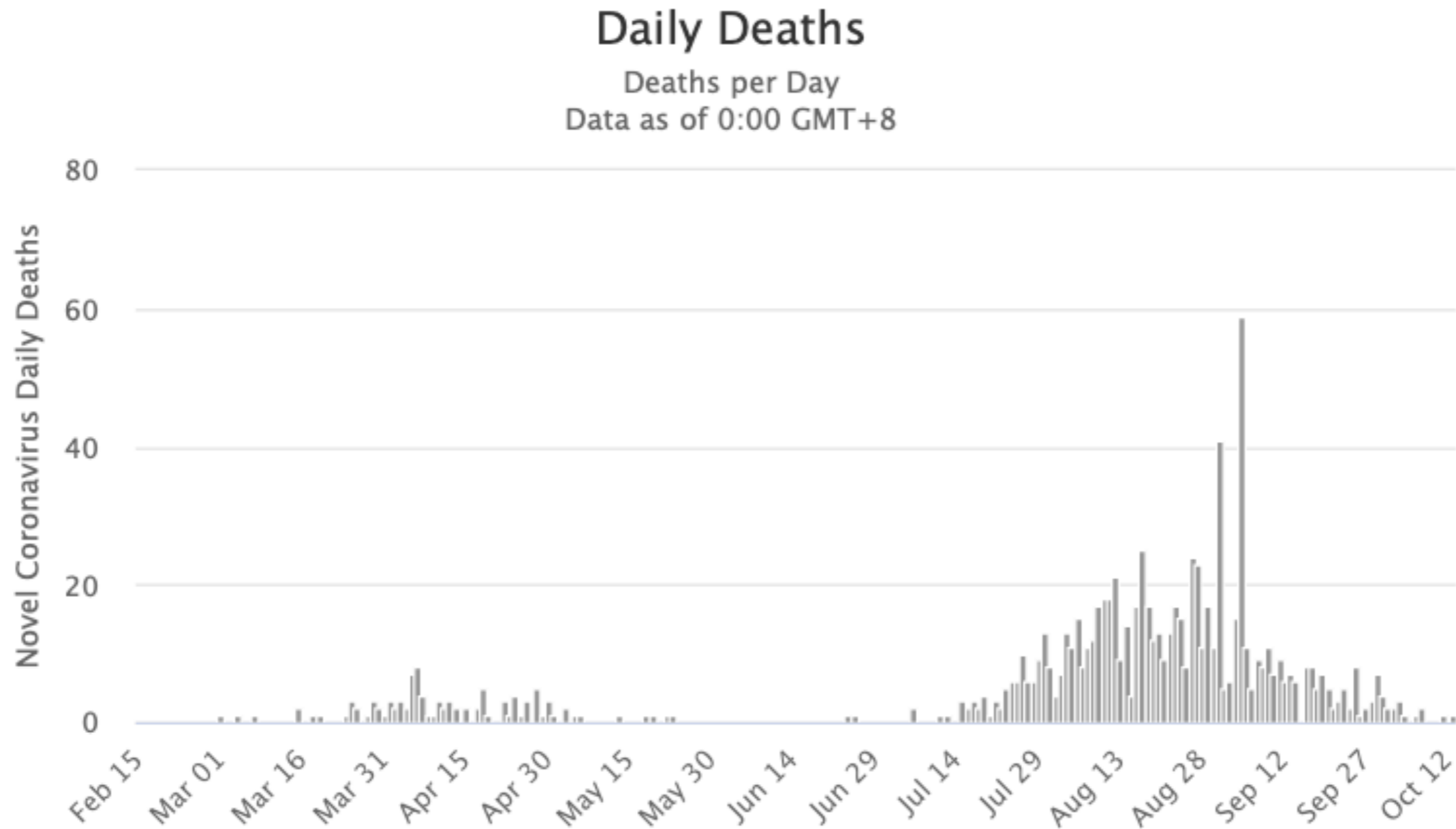
Daily New Cases in Australia



Cases are much more dramatic than deaths. See the next slide

More S. Temperate - S. Tropical

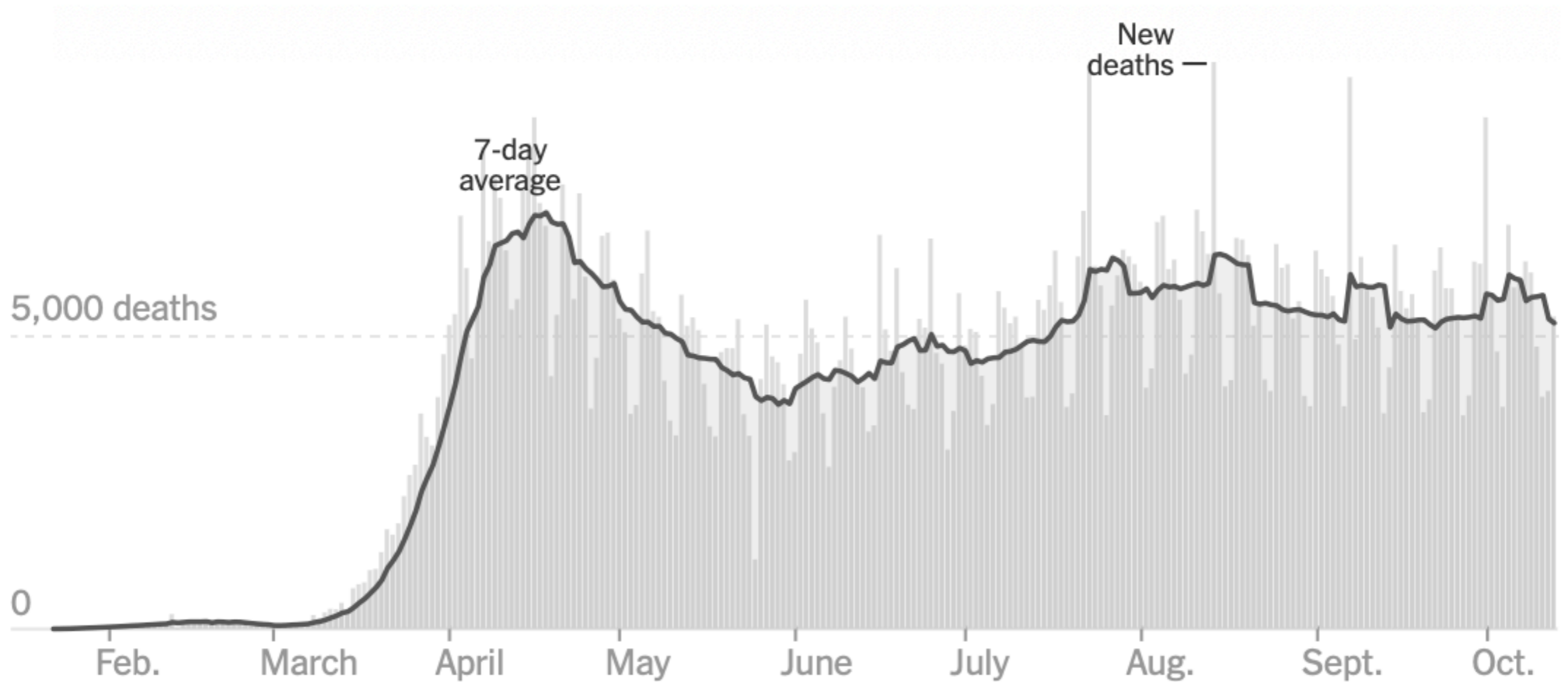
Daily New Deaths in Australia



Australia's S. Temperate area is Darwin but most of Australia's population is S. Temperate

The Whole World Mix

New reported deaths by day across the world



Latest US Cases & Deaths

10-14-2020

