



COVID-19 Update

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Medical Director NEBGH

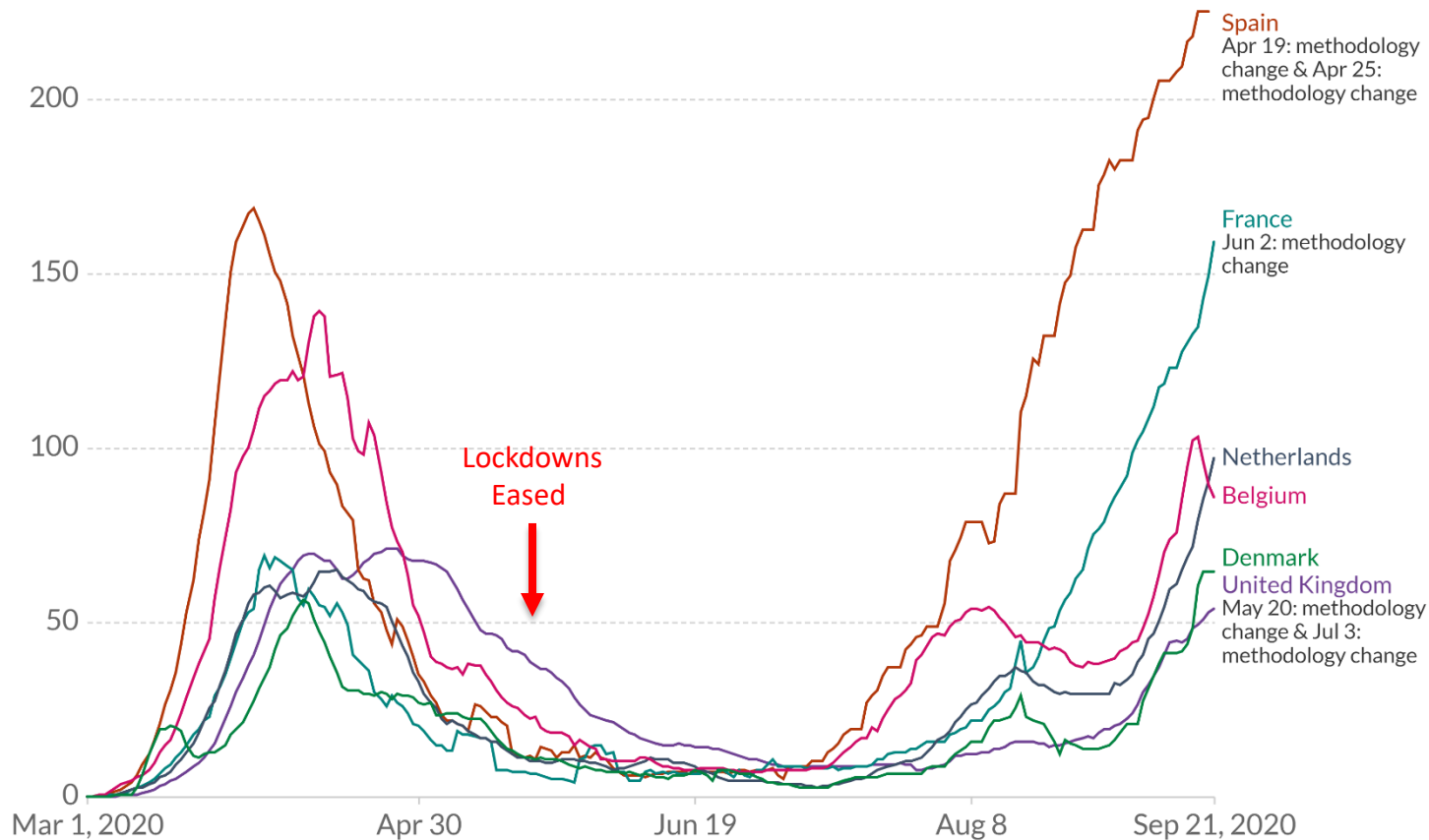
Monday September 21st 2020



Daily new confirmed COVID-19 cases per million people

Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

Our World
in Data



Source: European CDC – Situation Update Worldwide – Last updated 21 September, 10:35 (London time)

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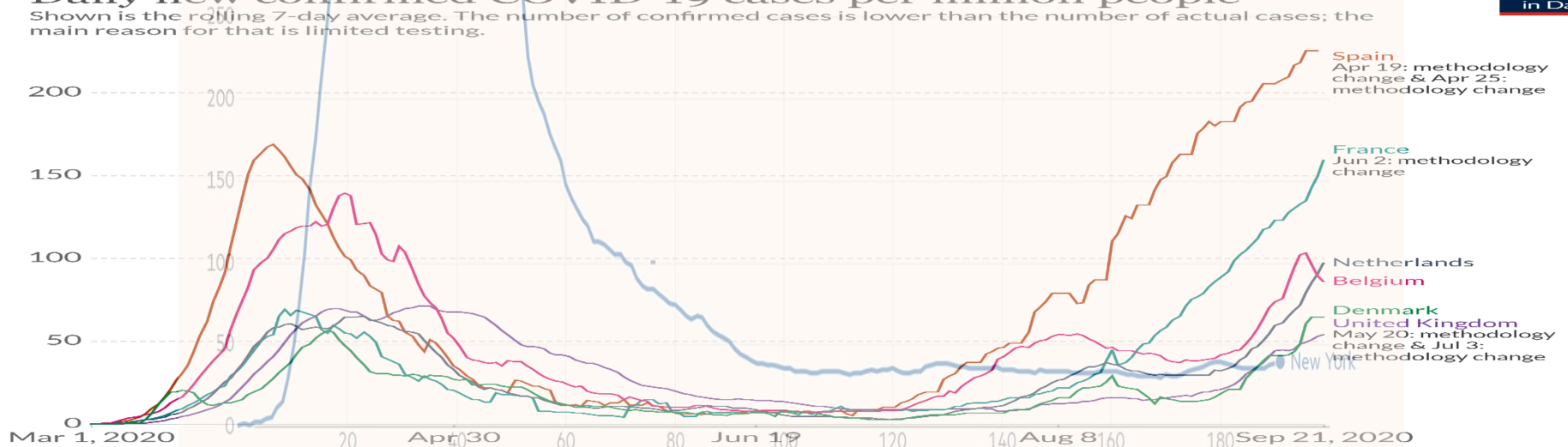
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So will New York follow Europe?

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So will New York follow Europe?

Drivers for similar experience

- NYC starting to open up
- Schools and offices returning similar to Europe
- Entering cooler weather and more indoor activity
- Canada cases starting to increase
- Vaccine availability will not impact a second wave in N. America
- Why would we expect a different response!

Drivers Against

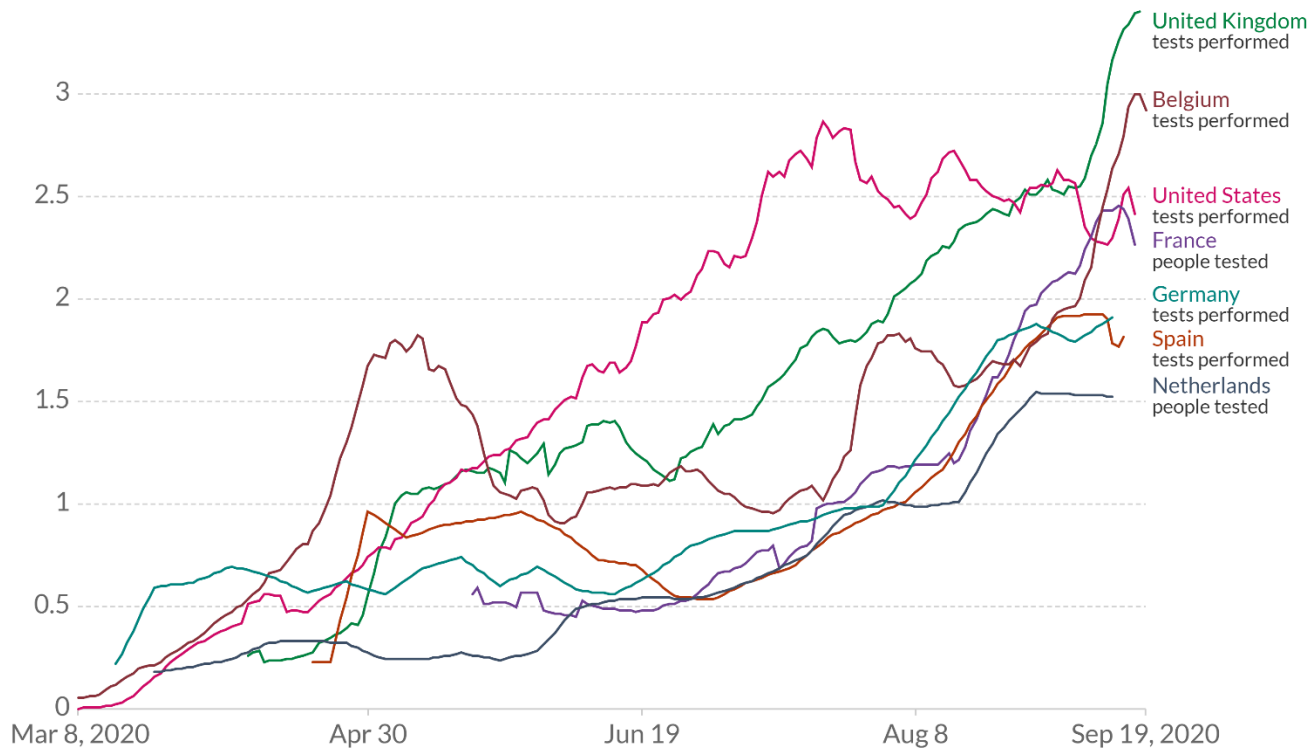
- Data driven approach and slower easing of lockdowns
- NYC has higher population immunity from 1st wave versus the Europe (20+% versus <10%)
- Higher mask usage?

Is this a test-demic?

Daily COVID-19 tests per thousand people

The figures are given as a rolling 7-day average.

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Source: Official data collated by Our World in Data

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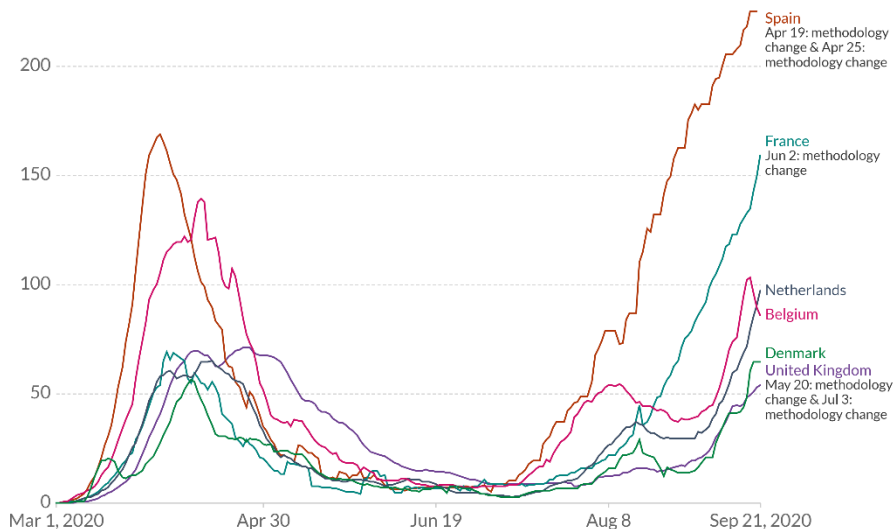
Note: Comparisons of testing data across countries are affected by differences in the way the data are reported. Daily data is interpolated for countries not reporting testing data on a daily basis. Details can be found at our Testing Dataset page.

Should we measure the pandemic differently?

Daily new confirmed COVID-19 cases per million people

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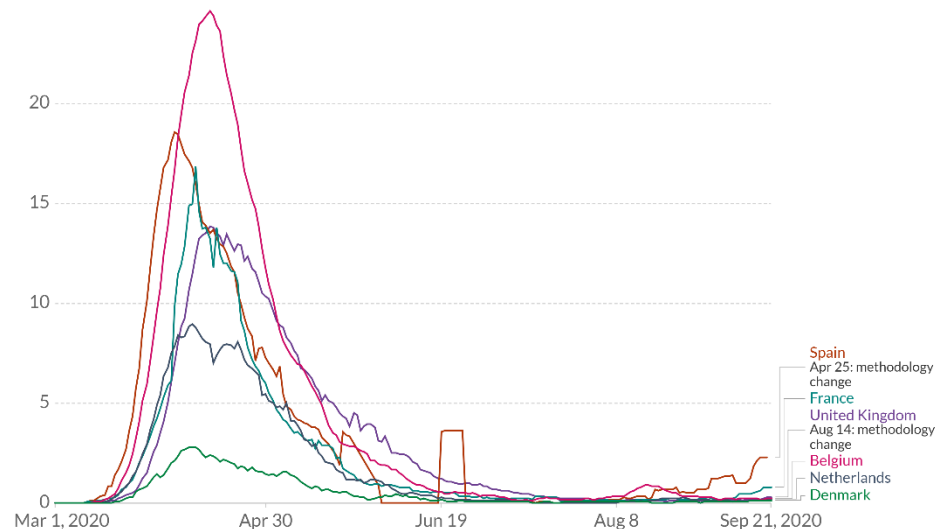


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Daily new confirmed COVID-19 deaths per million people

Shown is the rolling 7-day average. Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

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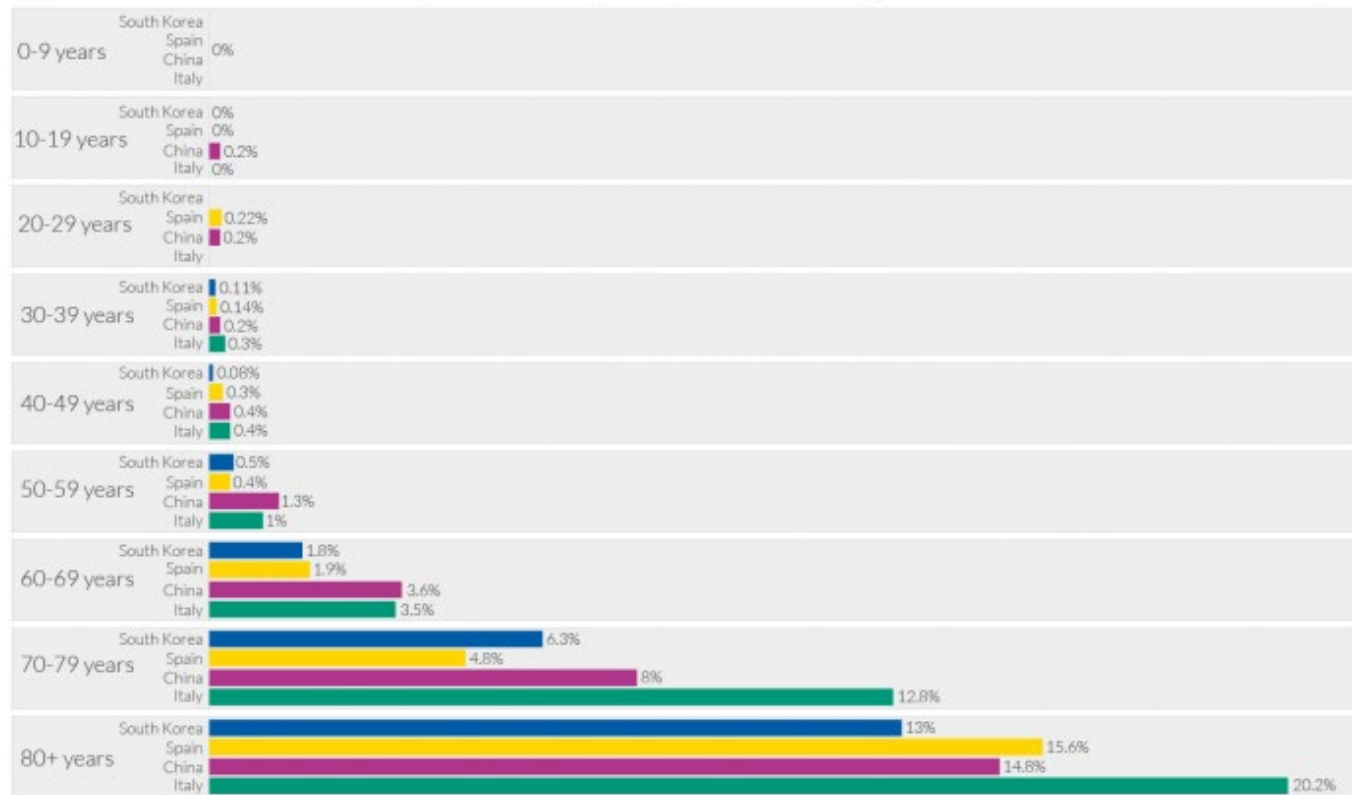
Coronavirus: case fatality rates by age

Case fatality rate (CFR) is calculated by dividing the total number of confirmed deaths due to COVID-19 by the number of confirmed cases.

Two of the main limitations to keep in mind when interpreting the CFR:

(1) many cases within the population are unconfirmed due to a lack of testing.

(2) some individuals who are infected will eventually die from the disease, but are still alive at time of recording.



Note: Case fatality rates are based on confirmed cases and deaths from COVID-19 as of: 17th February (China); 24th March (Spain); 24th March (South Korea); 17th March (Italy).

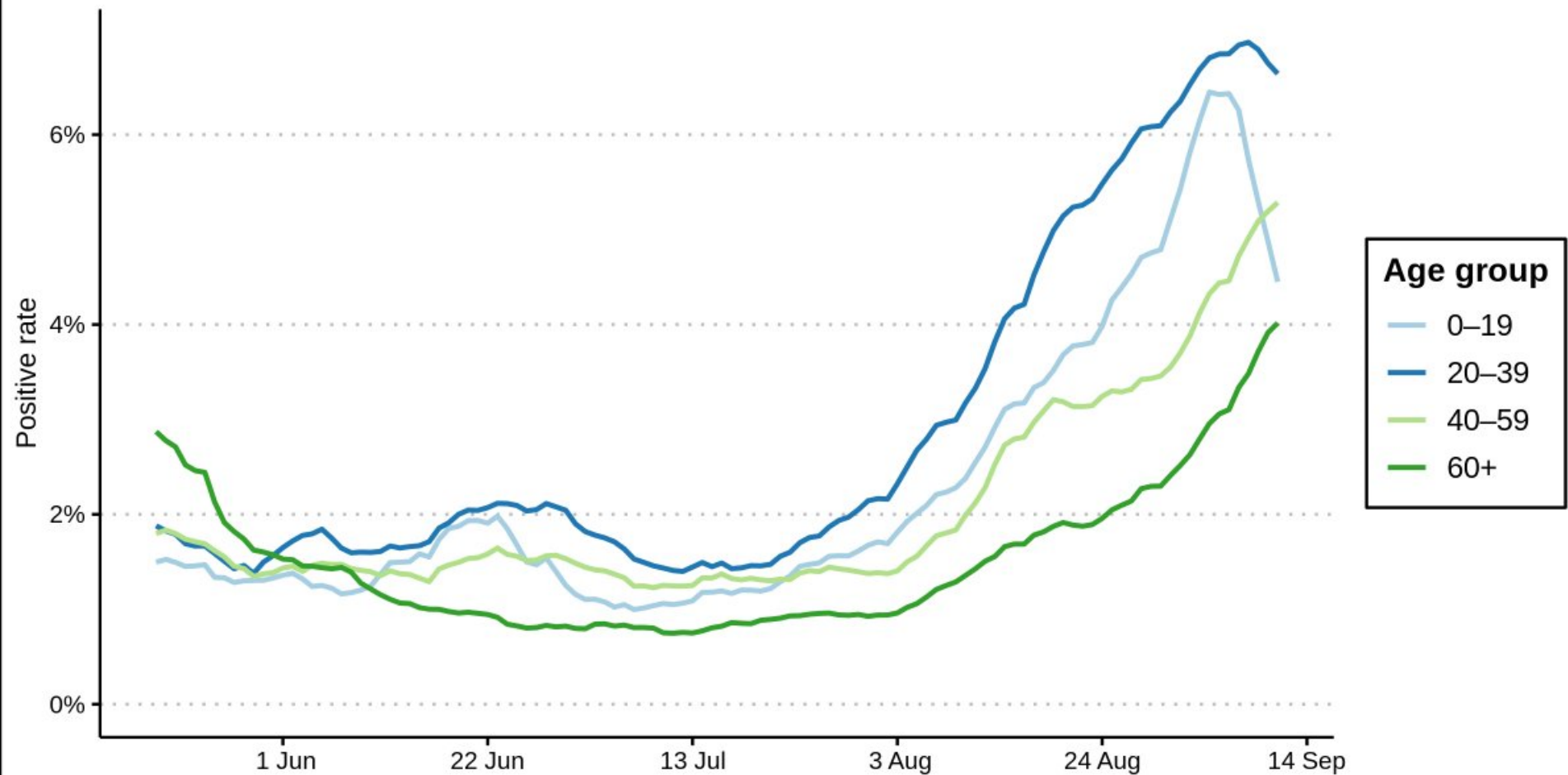
Data sources: Chinese Center for Disease Control and Prevention (CDC); Spanish Ministry of Health; Korea Centers for Disease Control and Prevention (KCDC).

Onder G, Rezza G, Brusaferro S. Case-Fatality Rate and Characteristics of Patients Dying in Relation to COVID-19 in Italy. JAMA.

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Positive rate of COVID-19 tests by age group in France

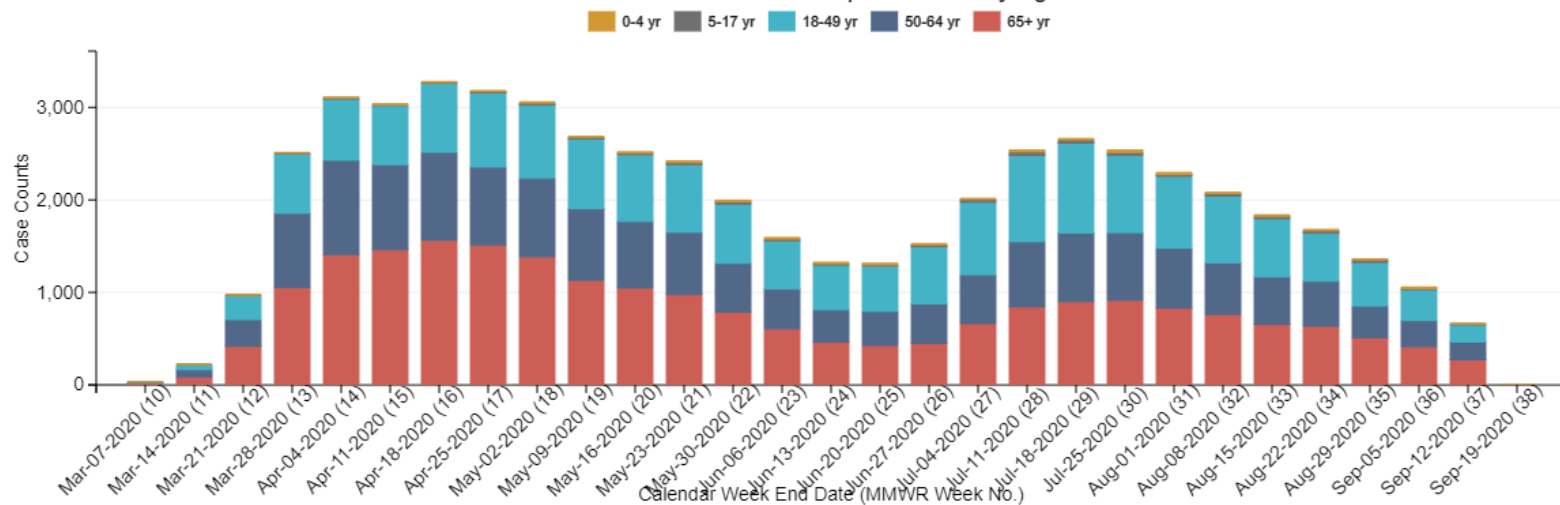


Positive rate calculated on a 7-day rolling period • Data: Santé publique France • <https://bit.ly/2FvVvQv>

COVID-19 Laboratory-Confirmed Hospitalizations

Preliminary data as of Sep 12, 2020

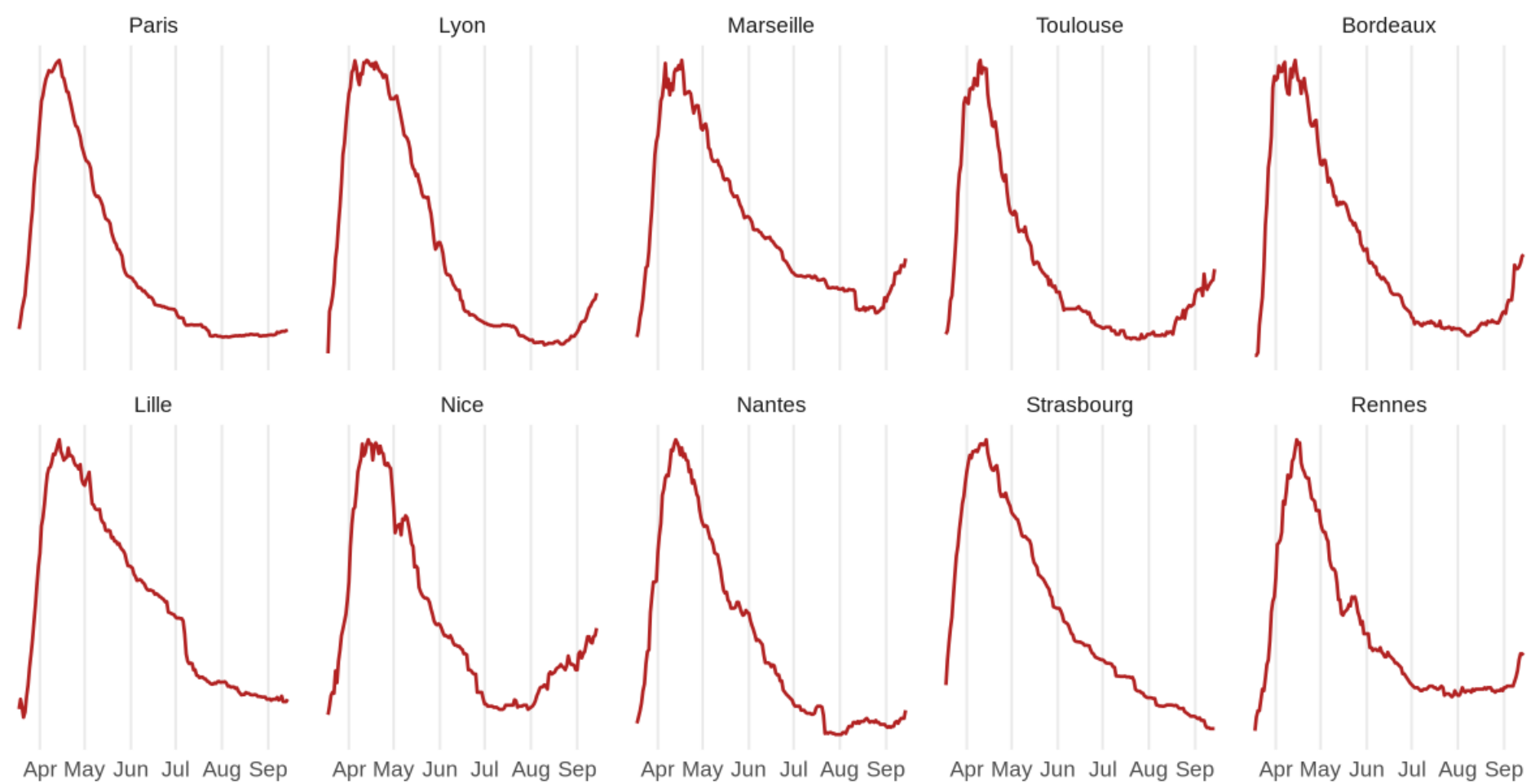
Covid-19-associated Hospitalizations By Age



Age	0-4 yr	5-17 yr	18-49 yr	50-64 yr	65+ yr	Total
2020	335	516	16715	15776	22202	55544

The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated accordingly.

Number of ongoing hospitalizations for COVID-19 in France's 10 largest urban areas





Approach to Wave #2

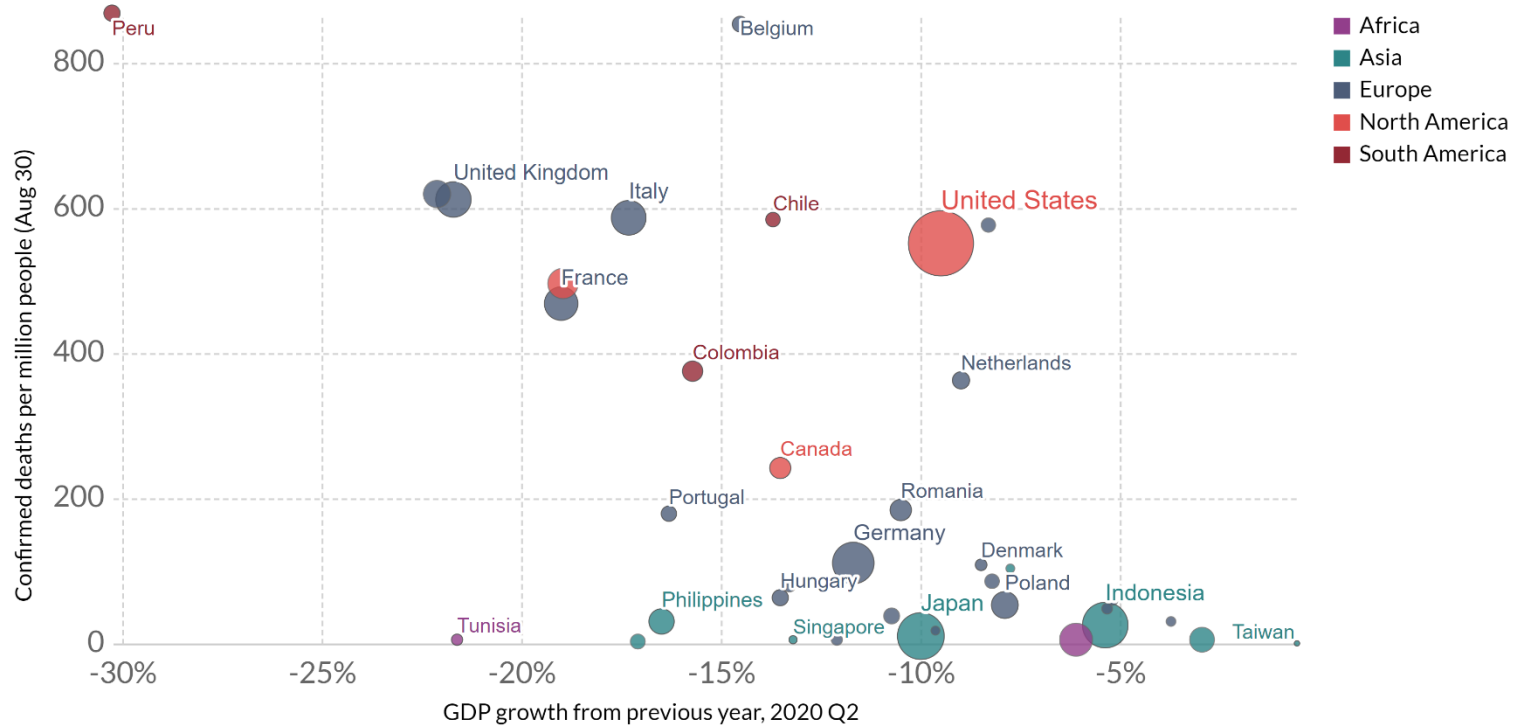
- Universal masking
- Physical distancing
- Test, trace and isolate
- Targeted localized lockdowns
- Protect the elderly

Economy vs. Health



Economic decline in the second quarter of 2020 vs rate of confirmed deaths due to COVID-19

The vertical axis shows the number of COVID-19 deaths per million, as of August 30. The horizontal axis shows the percentage decline of GDP relative to the same quarter in 2019. It is adjusted for inflation.

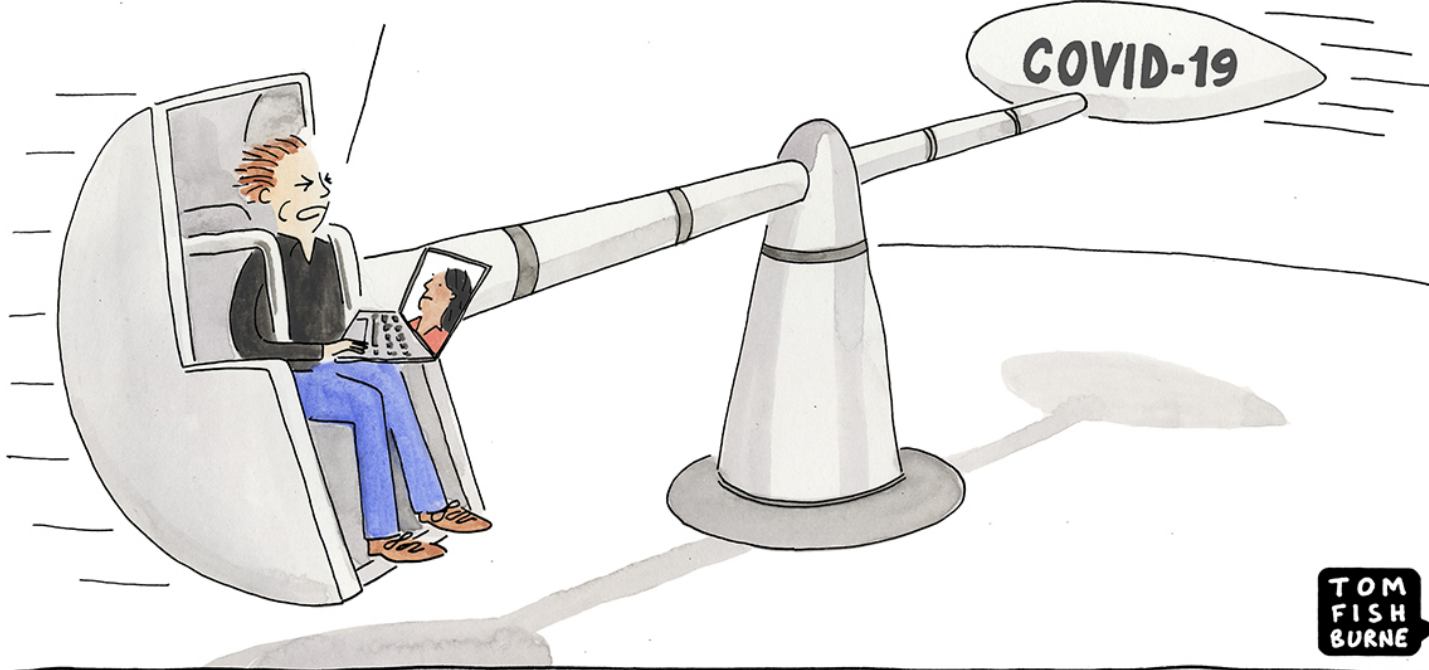


Source: European CDC, Eurostat, OECD and individual national statistics agencies

Note: Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19. Data for China is not shown given the earlier timing of its economic downturn. The country saw positive growth of 3.2% in Q2 preceded by a fall of 6.8% in Q1.

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CAN WE PLEASE STOP
CALLING THIS PACE OF
CHANGE THE NEW NORMAL?



TOM
FISH
BURNE



Questions