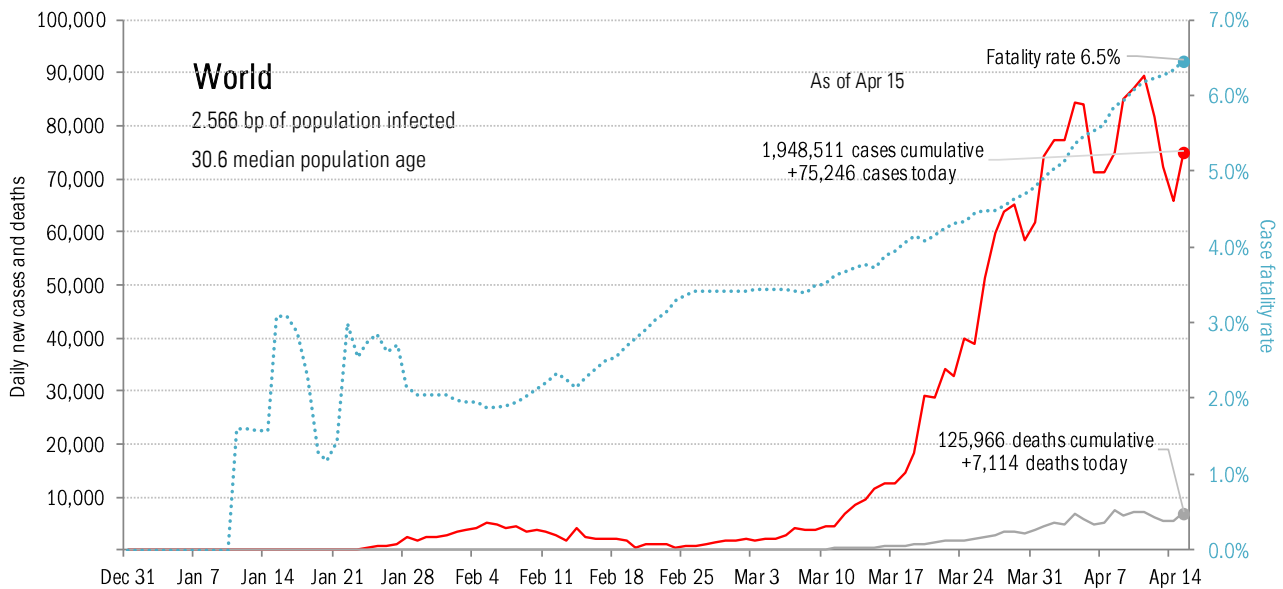
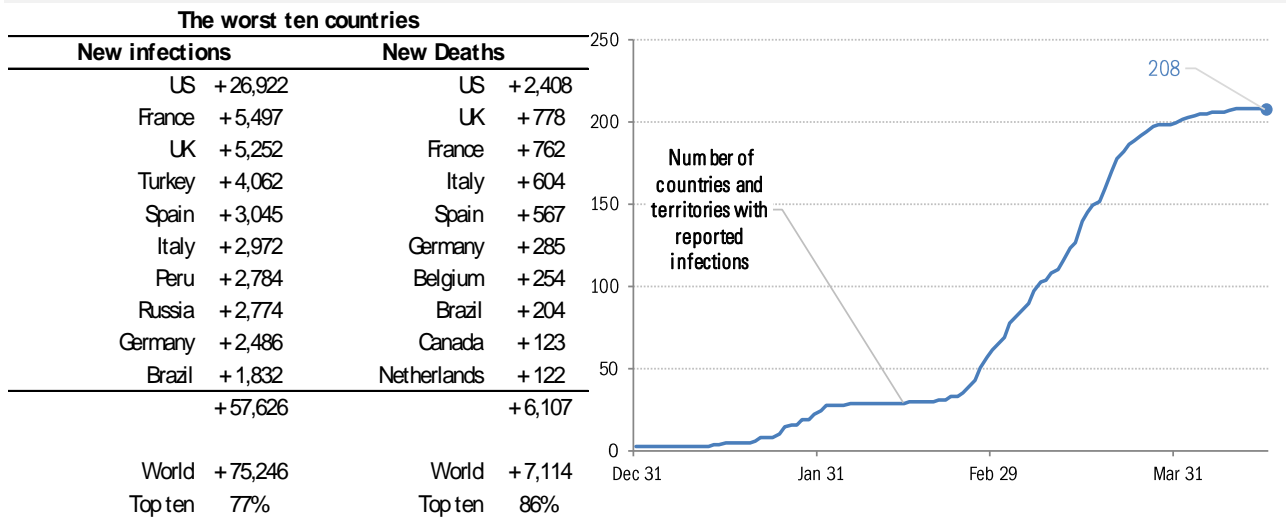


## Data Insights: Covid-2019 Monitor

Wednesday, April 15, 2020

### The global scorecard



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

Donald Luskin: 312 273 6766 [don@trendmacro.com](mailto:don@trendmacro.com)  
 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

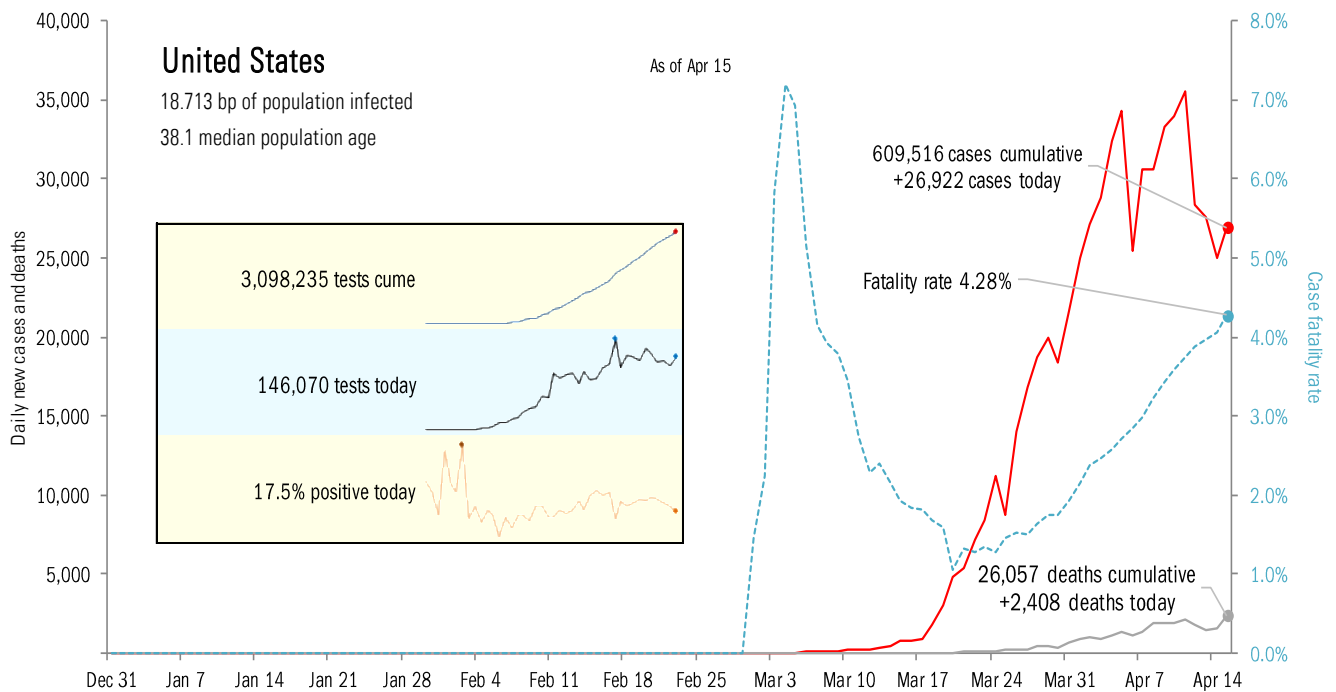
National and state-by-state data do not line up because of different sources

## The ten worst US states

New infections		New Deaths		New in hospital		Cume infections		Cume deaths		Cume in hospital	
NY	+7,177	NY	+778	NY	+3,489	NY	202,208	NY	10,834	NY	46,201
NJ	+4,240	NJ	+362	FL	+227	NJ	68,824	NJ	2,805	FL	3,060
MI	+1,366	MI	+166	NM	+181	MA	28,163	MI	1,768	GA	2,769
MA	+1,296	LA	+129	GA	+180	MI	27,001	LA	1,013	MA	2,340
IL	+1,222	MA	+113	SC	+179	PA	25,345	MA	957	OH	2,156
PA	+1,146	IL	+74	MD	+147	CA	23,338	IL	868	MD	2,122
CA	+990	CA	+71	OH	+123	IL	23,247	CA	758	CO	1,493
GA	+908	CT	+69	WI	+56	LA	21,518	CT	671	WI	1,049
FL	+766	PA	+60	TN	+54	FL	21,367	PA	584	SC	675
TX	+718	FL	+54	MS	+47	TX	14,624	FL	537	KY	673
<b>+19,829</b>		<b>+1,876</b>		<b>+4,683</b>		<b>455,635</b>		<b>20,795</b>		<b>62,538</b>	
All states	+25,699	All states	+2,299	All states	+4,874	All states	602,473	All states	25,668	All states	67,547
Top ten	77%	Top ten	82%	Top ten	96%	Top ten	76%	Top ten	81%	Top ten	93%

## Five most improved US states

Fewer daily infections		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CO	-784	CO	-26	RI	-331	VA	+721
CT	-738	WA	-9	KY	-202	TX	+311
FL	-480	AR	-3	WV	-164	TN	+298
PA	-220	RI	-3	MA	-105	AZ	+249
CH	-193	VA	-3	CO	-75	OK	+195



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

## Recommended reading

[Denmark proposes faster easing of lockdown as coronavirus cases fall: PM](#)

*Reuters*

April 14, 2020

[State Department cables warned of safety issues at Wuhan lab studying bat coronaviruses](#)

Josh Rogan

*Washington Post*

April 14, 2020

[Estimating the true number of China's COVID-19 cases](#)

Derek Scissors

*American Enterprise Institute*

April 7, 2020

## Meme of the day

### Constitution Dies Of Coronavirus

April 6th, 2020

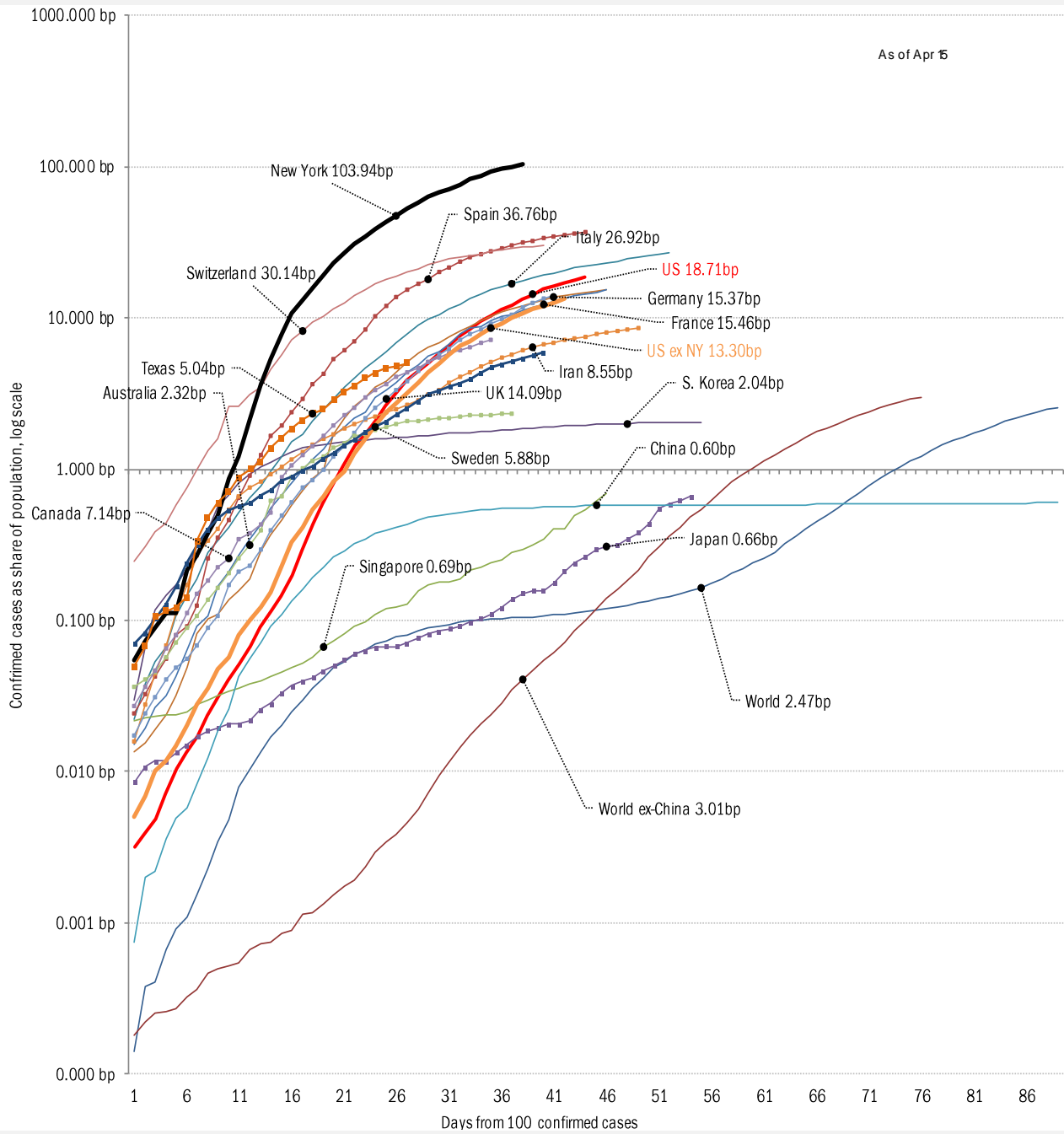


WASHINGTON, D.C.—According to sources at the National Archives, doctors rushed the United States Constitution to the hospital and were forced to hook the document up to a ventilator after it began having trouble breathing Sunday afternoon.

The document reportedly slipped into a coma en route to the emergency room and was in critical condition for many hours. Doctors confirmed the worst: the founding document of our nation was infected with the novel coronavirus. Finally, surrounded by one or two mourners, as most people in Washington abandoned it a long time ago, it slipped away Sunday night.

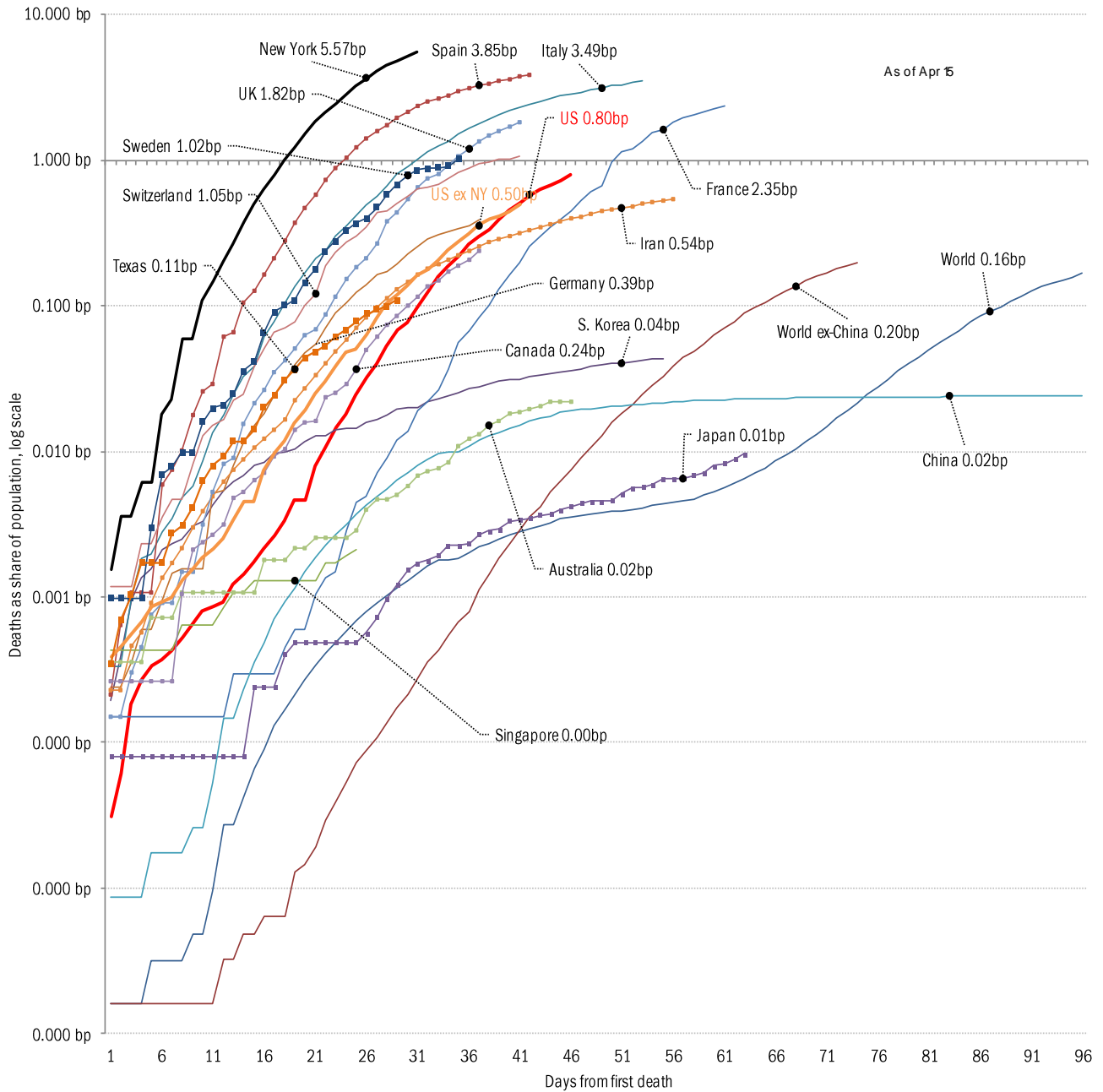
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

The coronavirus mortality accelerometer ... tracking the world's fatality curves  
*Share of deceased population from day of first fatality*



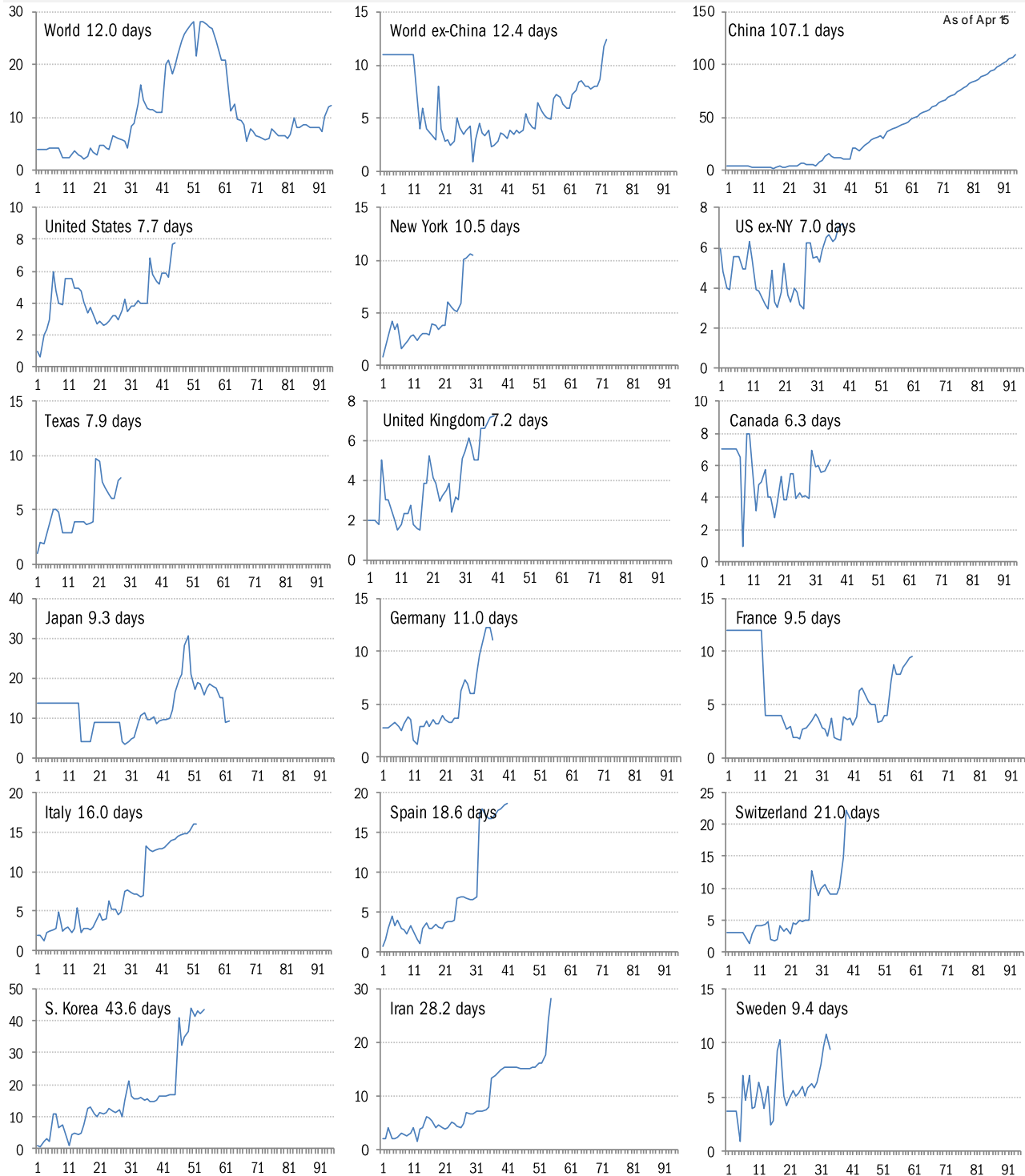
Source: [ECDC](#), TrendMacro calculations

# Our most reliable evidence of slowing the Moore's law of Covid-2019

*Vertical: number of days it takes to double deaths Horizontal: days from first death*

Progress means seeing the line move up and to the right. . .

*Extrapolated between actual doubling points. The most anomalous extrapolations are smoothed.*



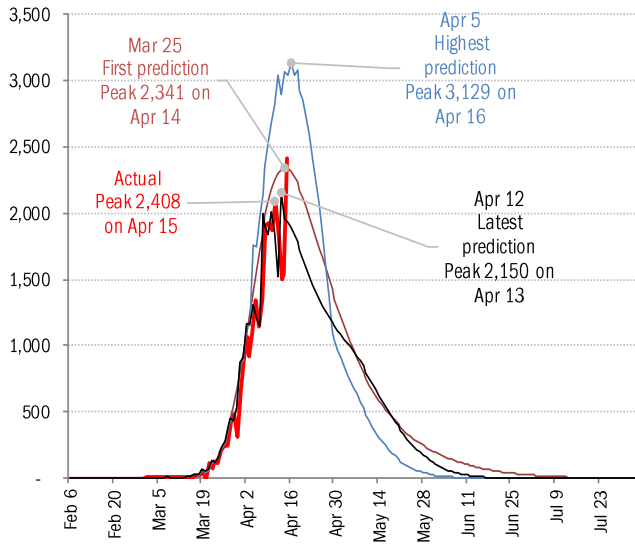
Source: [ECDC](#), TrendMacro calculations

# Reality-checking the models: actual fatalities versus [IHME predictions](#)

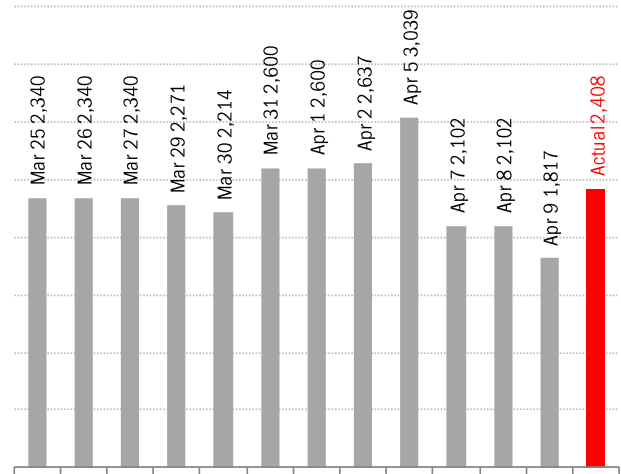
## New daily fatalities

As of Apr 15

Actual versus first, highest and latest model mean predictions

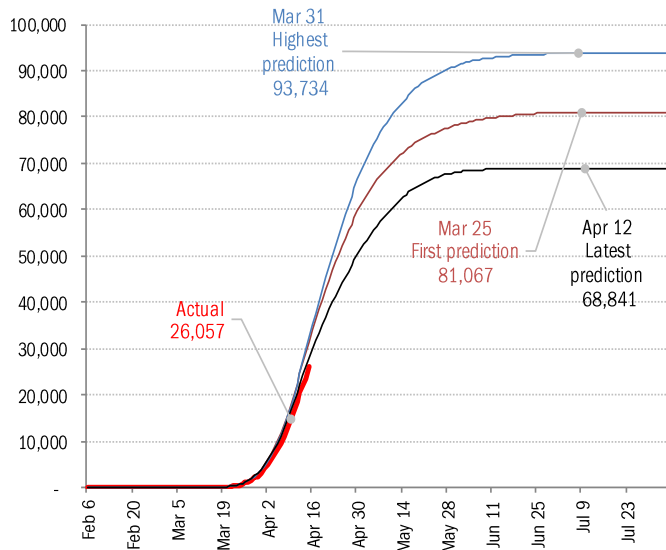


For this day, versus all model mean predictions

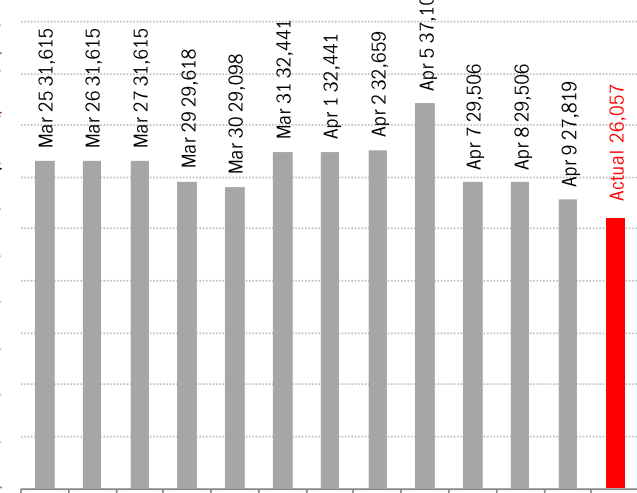


## Cumulative fatalities

Actual versus first, highest and latest model mean predictions

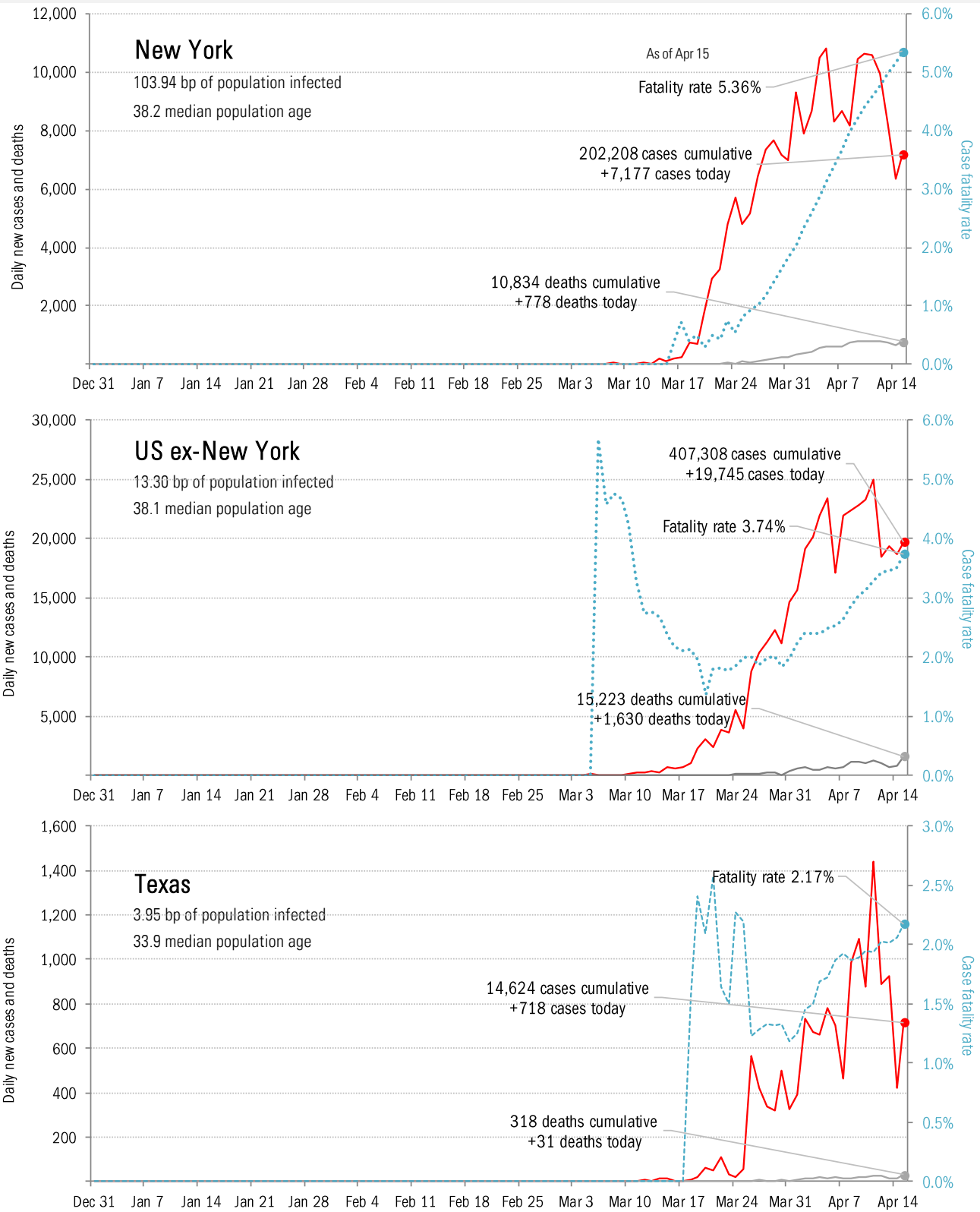


For this day, versus all model mean predictions



Source: [ECDC](#), TrendMacro calculations

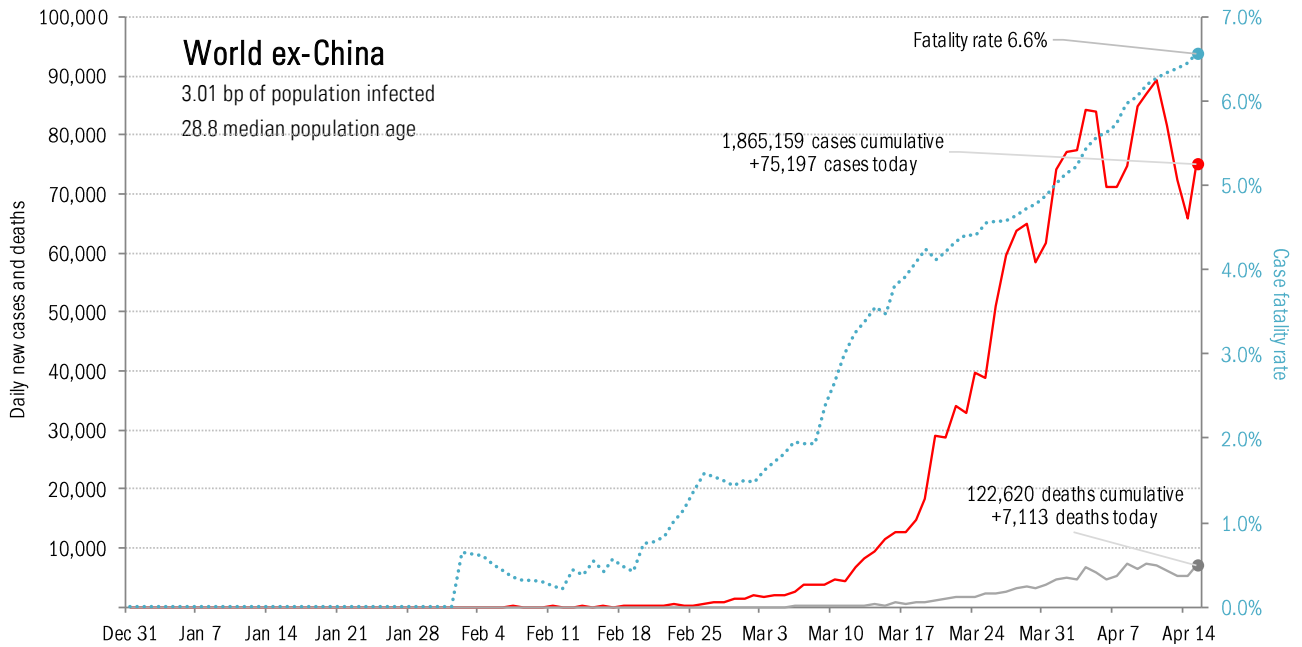
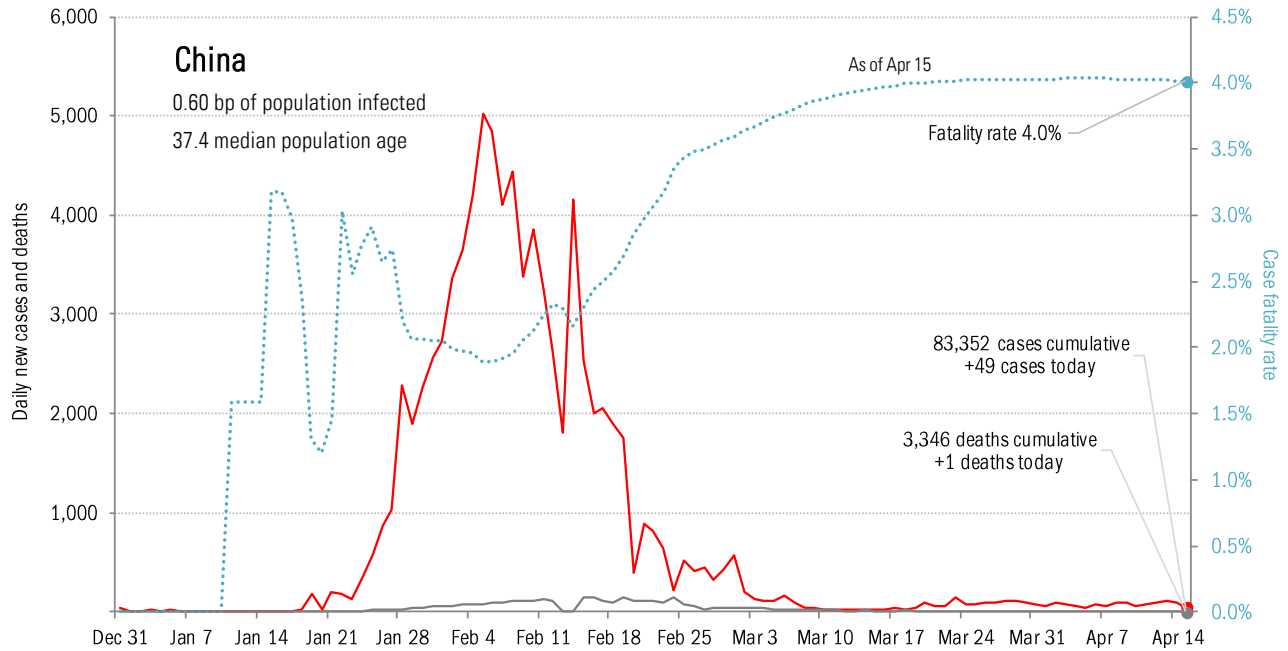
# From Ground Zero to the Rio Grande



Source: [ECDC](#), TrendMacro calculations

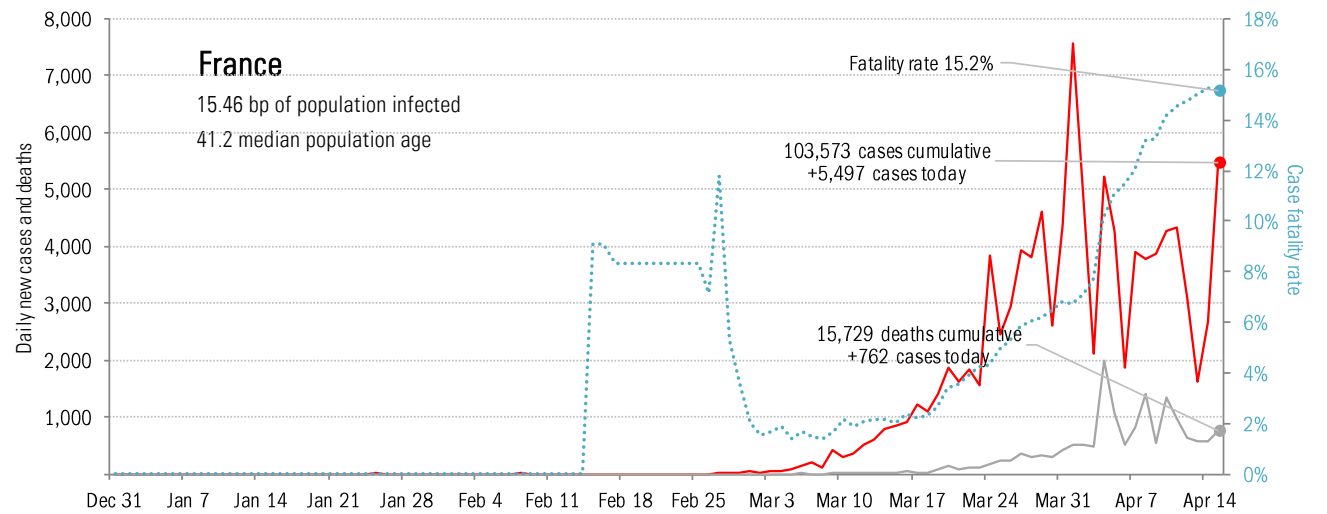
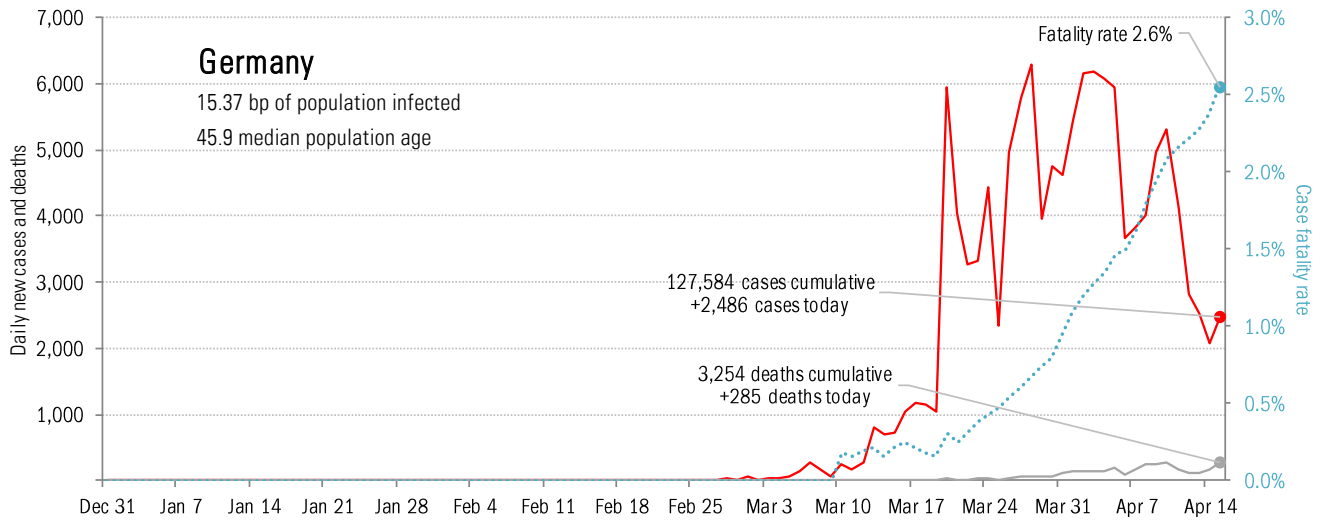
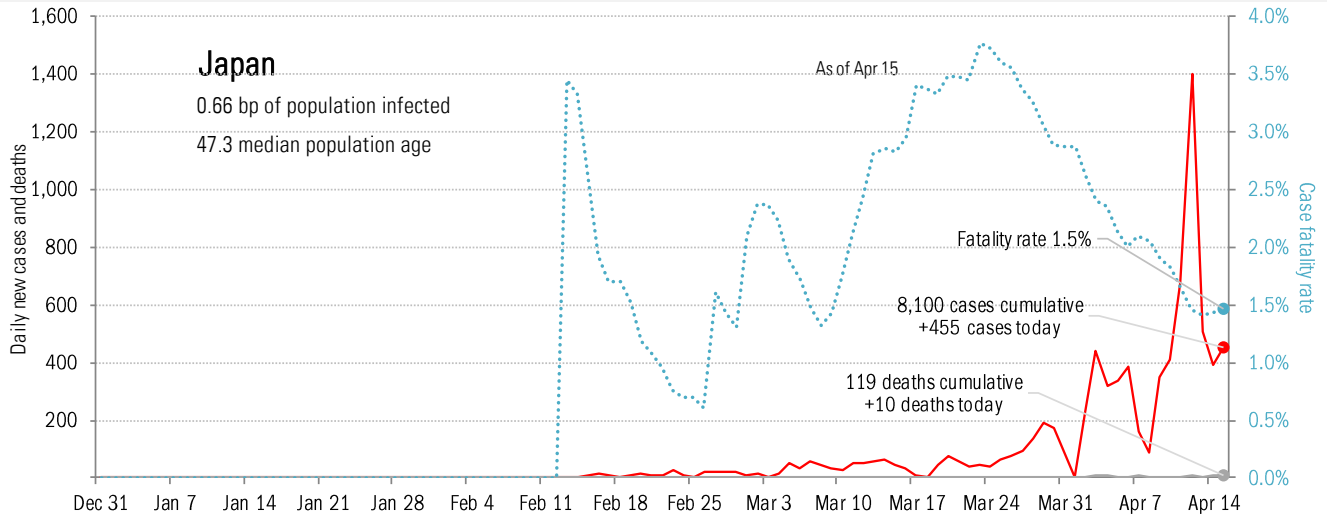


# Patient zero... and then everyone else



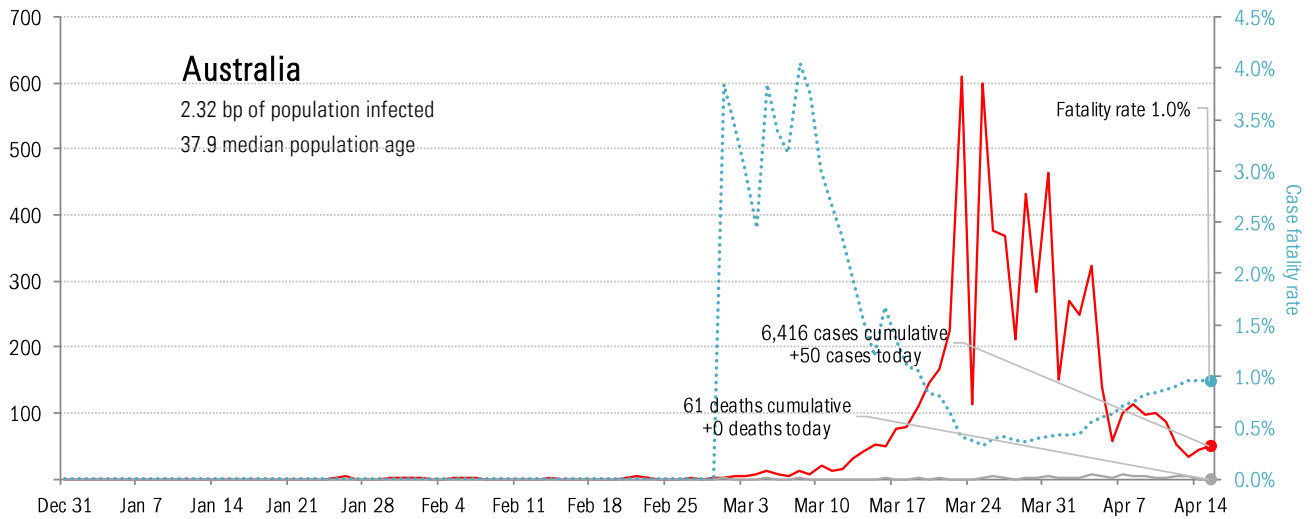
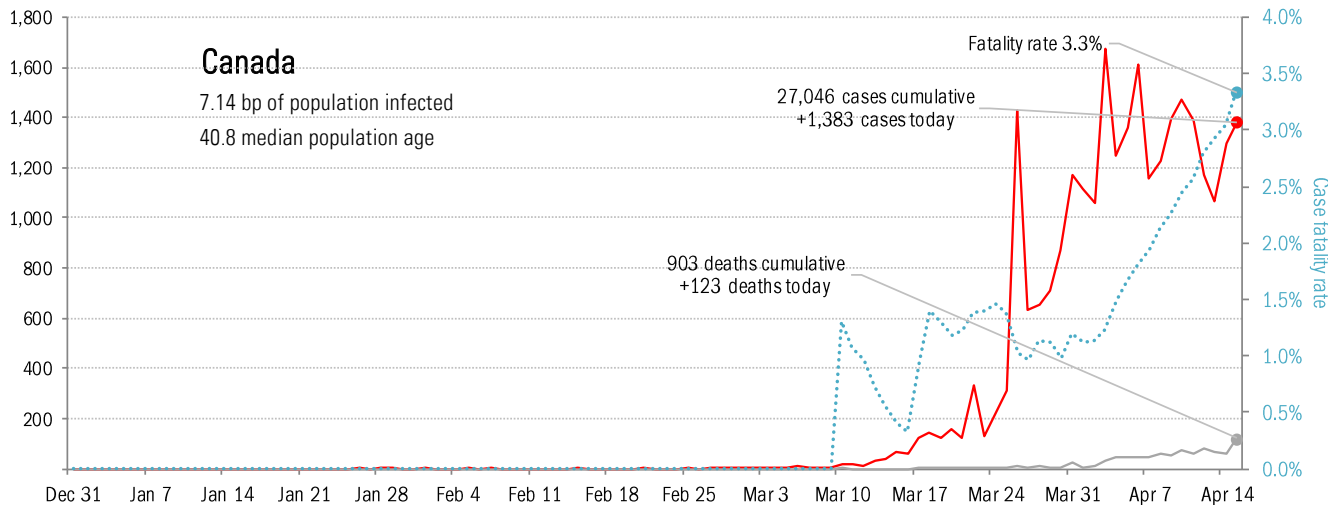
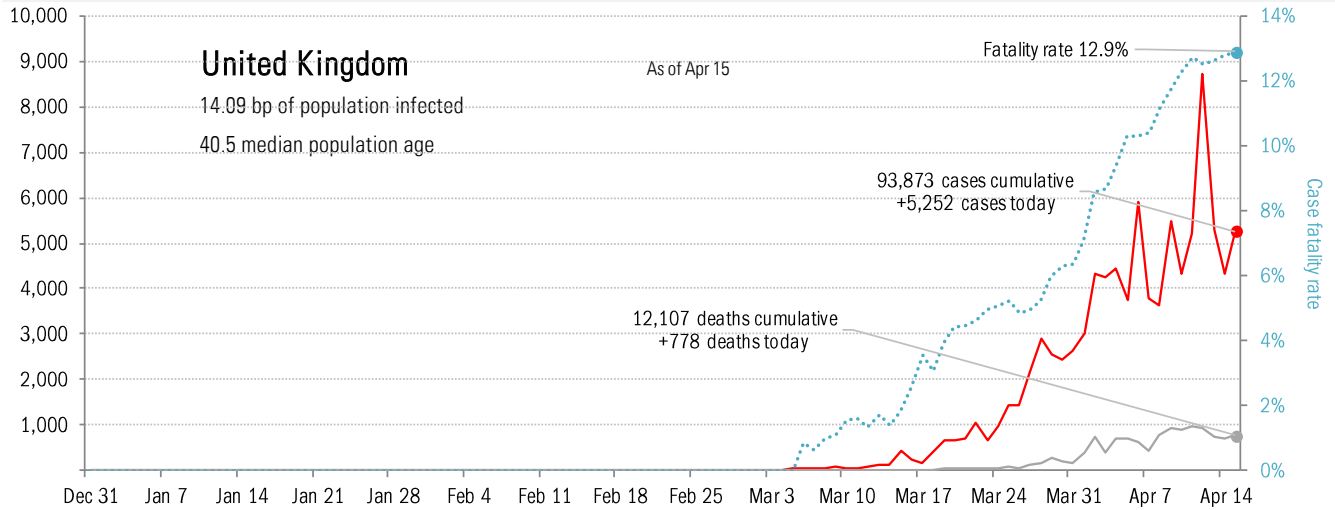
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



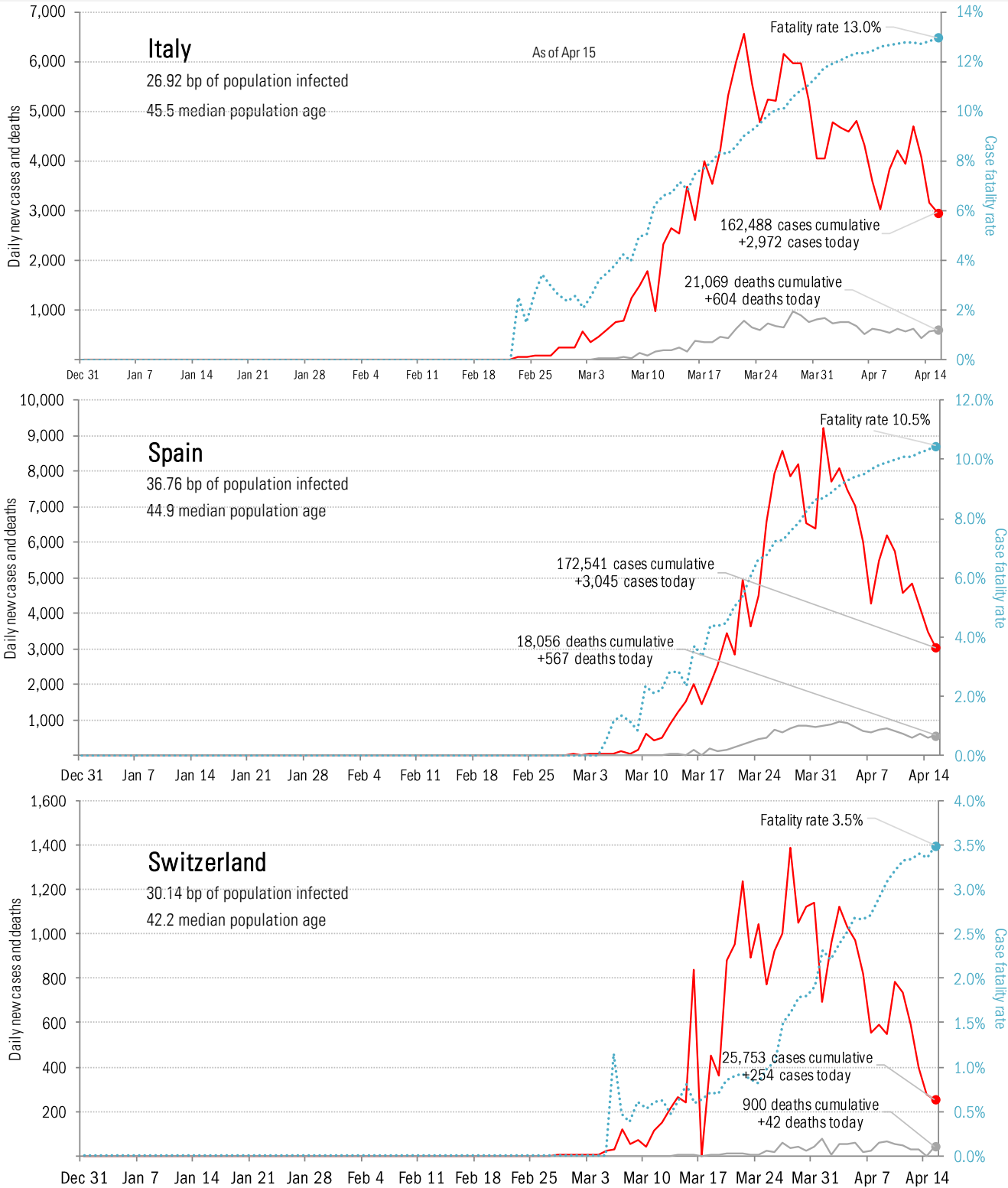
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



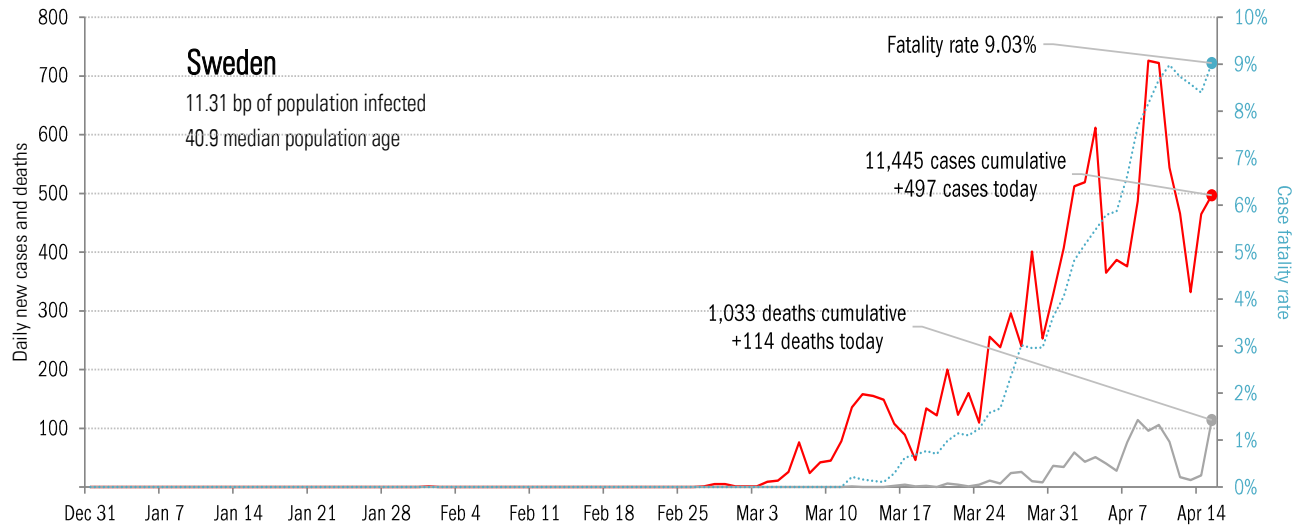
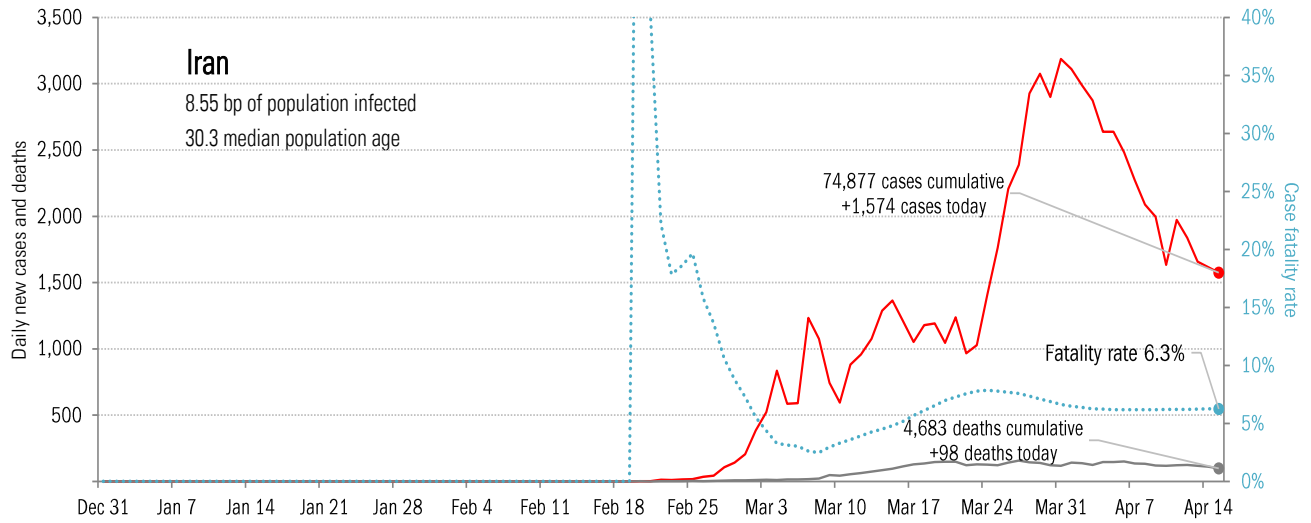
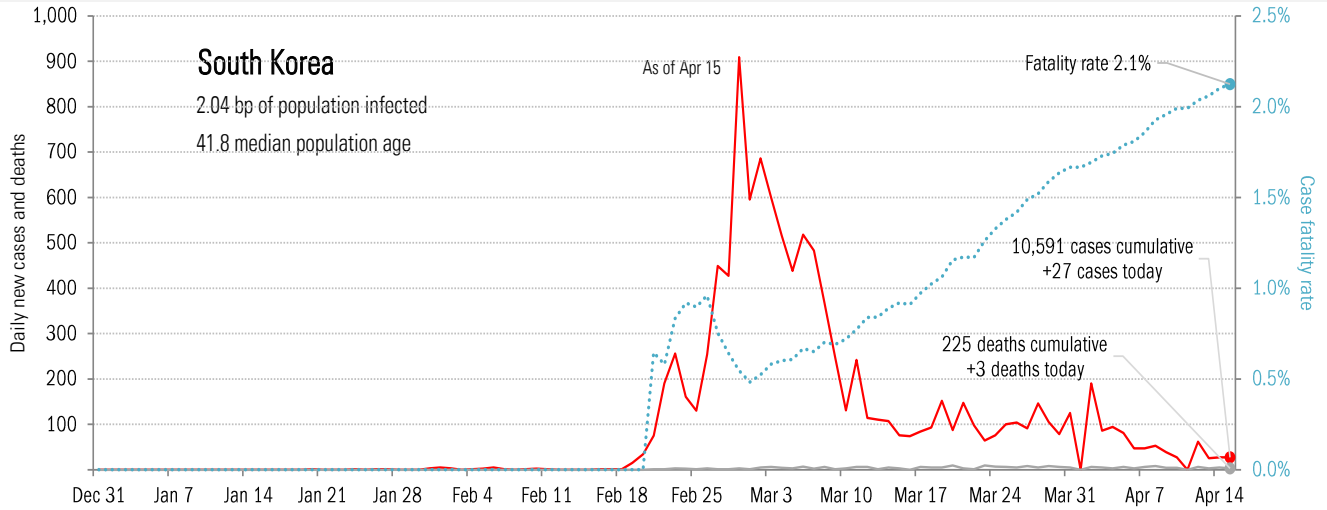
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations