

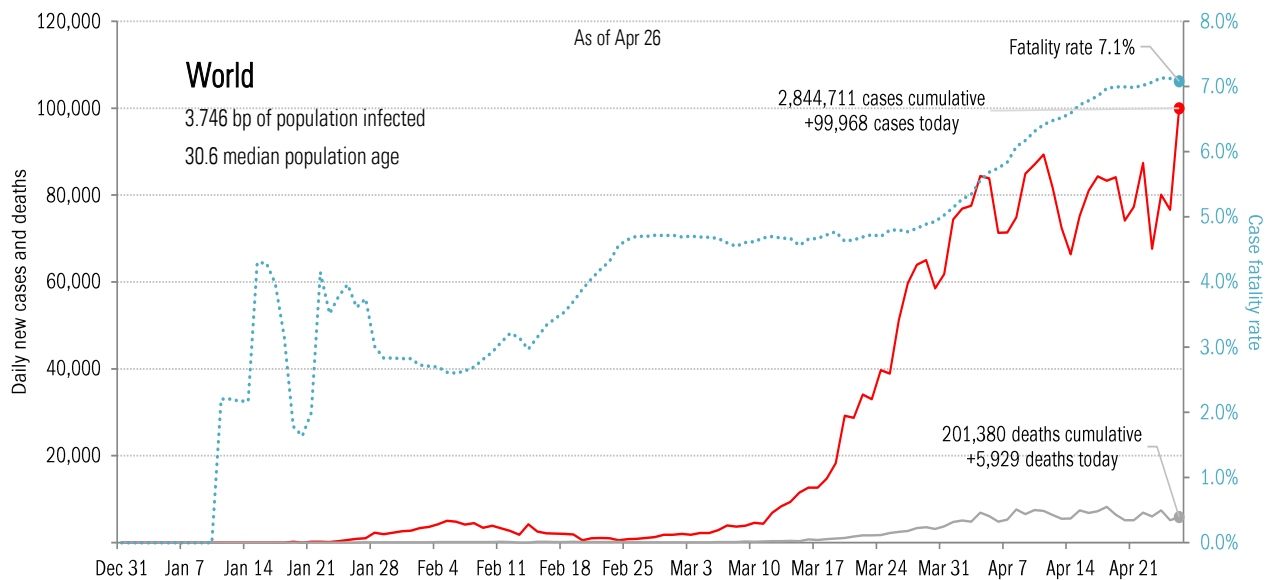
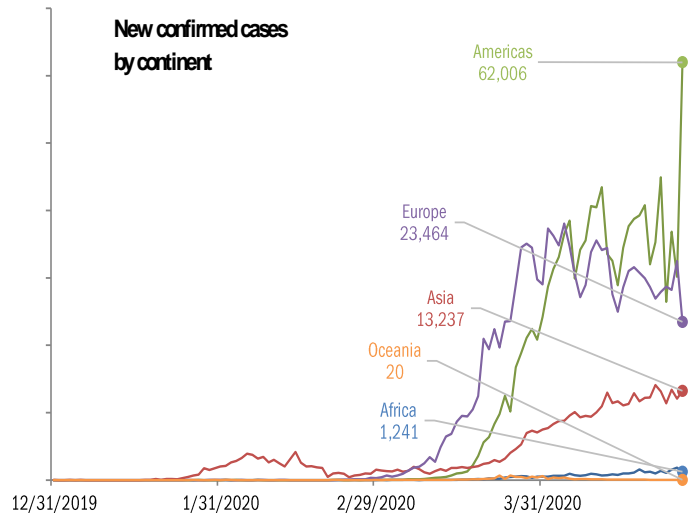
## Data Insights: Covid-2019 Monitor

Sunday, April 26, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+48,529	US	+2,172
Russia	+5,966	UK	+813
Brazil	+5,514	Italy	+415
UK	+4,913	France	+369
Peru	+3,683	Brazil	+346
Turkey	+2,861	Belgium	+238
Italy	+2,357	Ireland	+234
India	+1,990	Canada	+163
Germany	+1,737	Germany	+140
France	+1,537	Netherlands	+120
<b>+79,087</b>		<b>+5,010</b>	
World	+99,968	World	+5,929
Top ten	79%	Top ten	84%



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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# The US scorecard

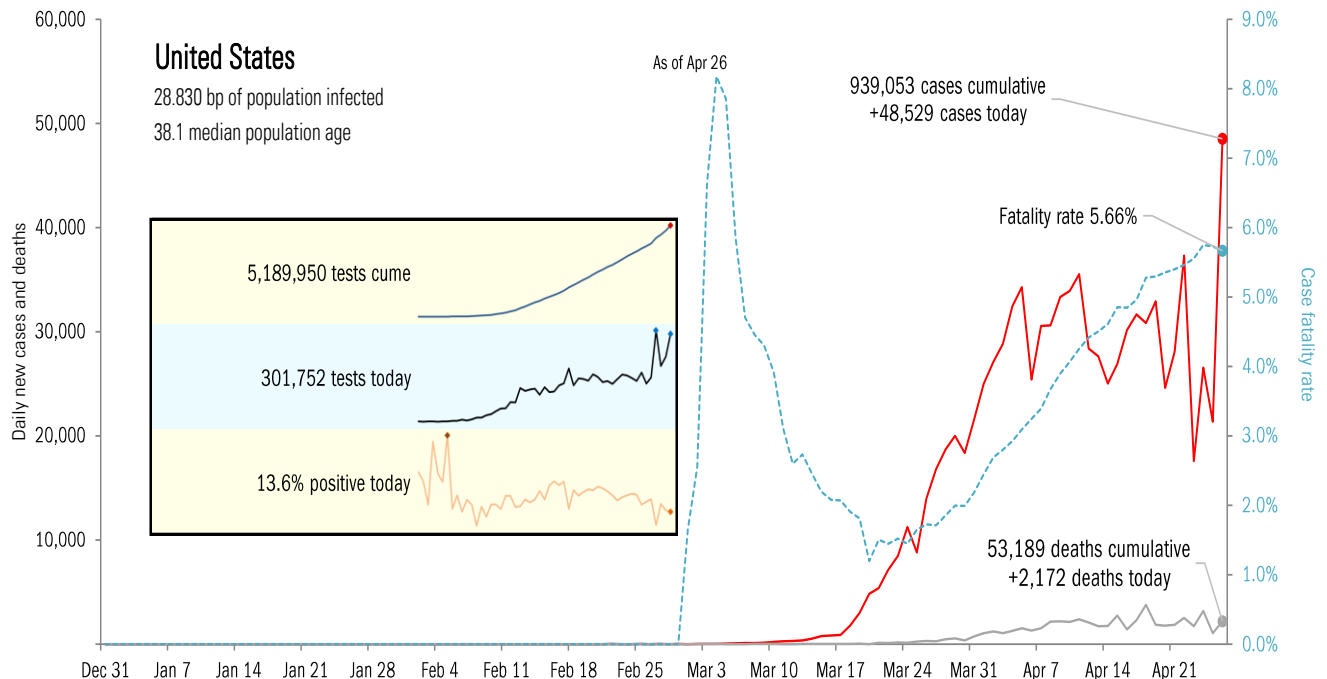
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
NY	+10,553	NY	+437	MA	+472	NY	282,143	NY	16,599	NY	57,103
MA	+7,325	MA	+370	FL	+157	NJ	105,523	NJ	5,863	FL	5,045
NJ	+3,327	NJ	+246	MD	+142	MA	53,348	MI	3,274	MA	4,965
IL	+2,119	MI	+189	CO	+129	IL	41,777	MA	2,730	GA	4,326
CA	+1,883	CO	+122	SC	+107	CA	41,137	IL	1,874	MD	3,760
PA	+1,397	CT	+98	GA	+105	PA	40,049	CT	1,862	OH	3,115
MD	+1,150	CA	+89	VA	+105	MI	37,203	CA	1,651	CO	2,366
CO	+994	IL	+79	AL	+71	FL	30,839	LA	1,644	VA	1,942
TX	+967	MD	+77	OH	+62	LA	26,512	PA	1,537	WI	1,376
VA	+733	PA	+45	NM	+45	CT	24,582	FL	1,075	KY	1,143
<b>+30,448</b>		<b>+1,752</b>		<b>+1,395</b>		<b>683,113</b>		<b>38,109</b>		<b>85,141</b>	
All states	+40,882	All states	+2,194	All states	+1,636	All states	931,698	All states	47,980	All states	94,743
Top ten	74%	Top ten	80%	Top ten	85%	Top ten	73%	Top ten	79%	Top ten	90%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MI	-788	MO	-33	AZ	-946	MI	+5,105
FL	-677	IL	-28	GA	-47	CO	+2,086
PA	-608	CT	-27	FL	-38	TX	+830
IL	-605	PA	-26	CH	-31	SC	+384
PR	-330	LA	-18	OK	-15	UT	+147



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

## Recommended reading

[Pennsylvania Forced To Remove Hundreds Of Deaths From Coronavirus Death Count After Coroners Raise Red Flags](#)

Amanda Prestigiacomo  
*Daily Wire*  
April 25, 2020

[Restarting the Economy While Saving Lives Under COVID-19](#)

Carlo A. Favero et al.  
*SSRN*  
April 22, 2020

["Immunity passports" in the context of COVID-19](#)

*World Health Organization*  
April 24, 2020

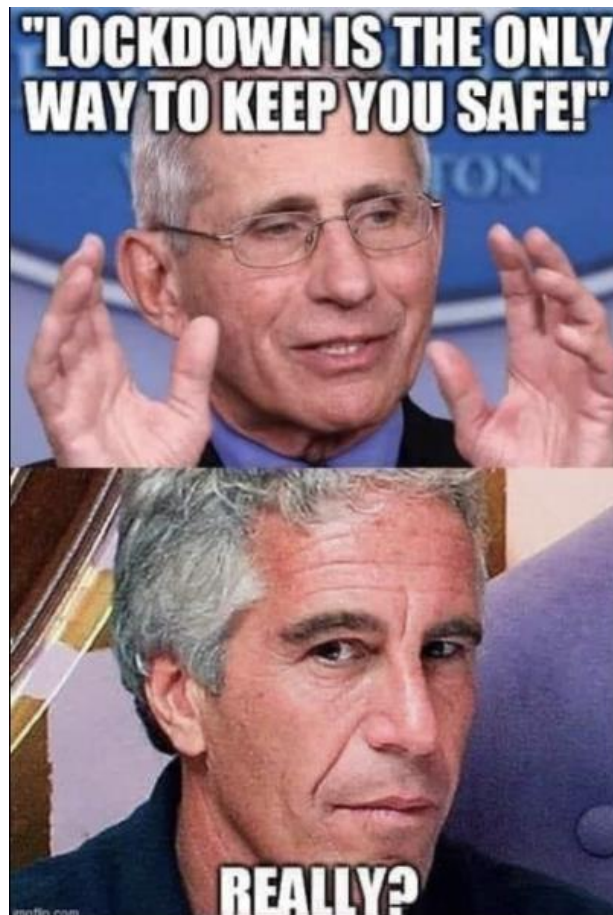
[The Bearer of Good Coronavirus News](#)

Allysia Finley  
*Wall Street Journal*  
April 24, 2020

[Pressured by China, E.U. Softens Report on Covid-19 Disinformation](#)

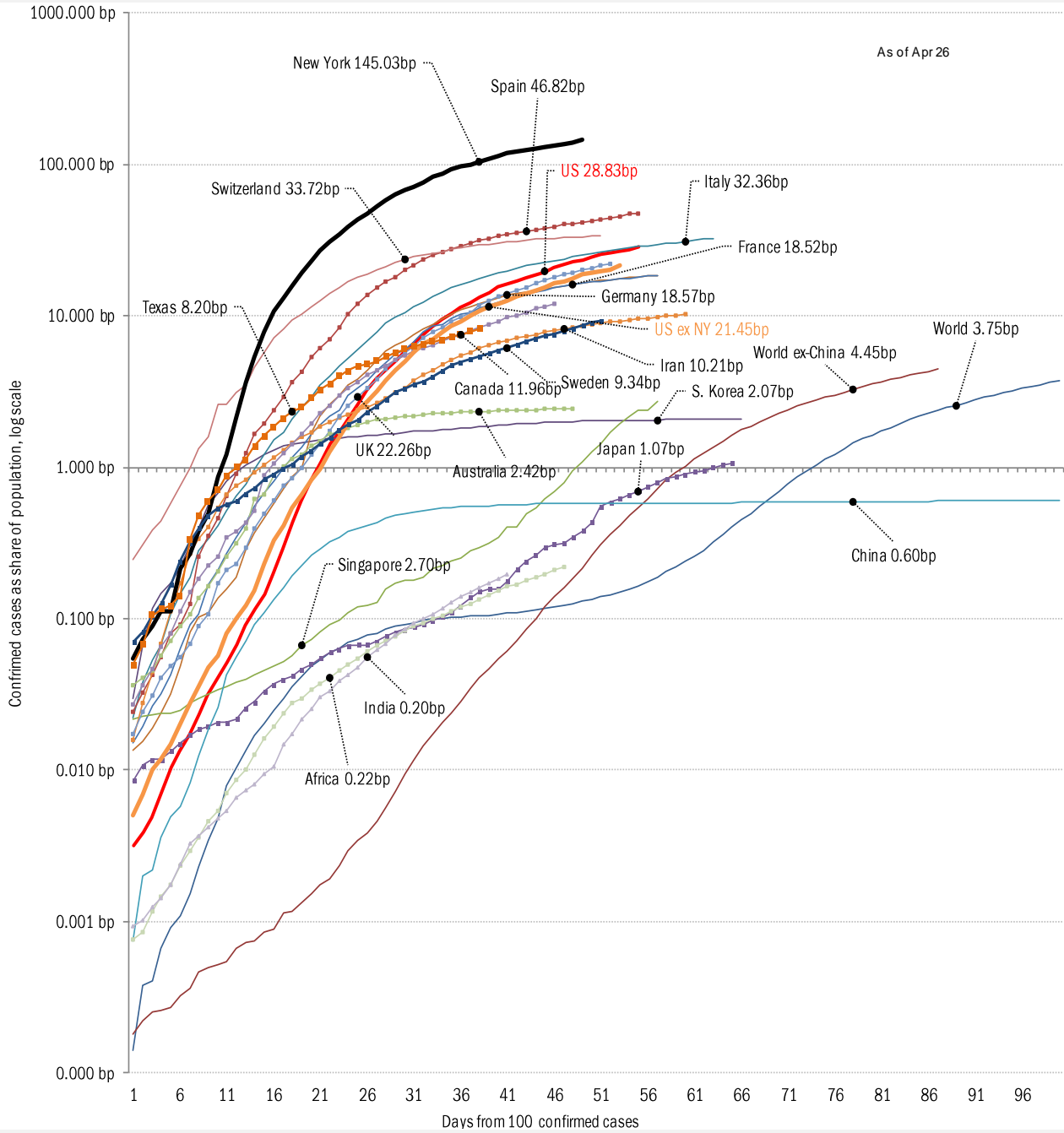
Matt Apuzzo  
*New York Times*  
April 24, 2020

## Meme of the day



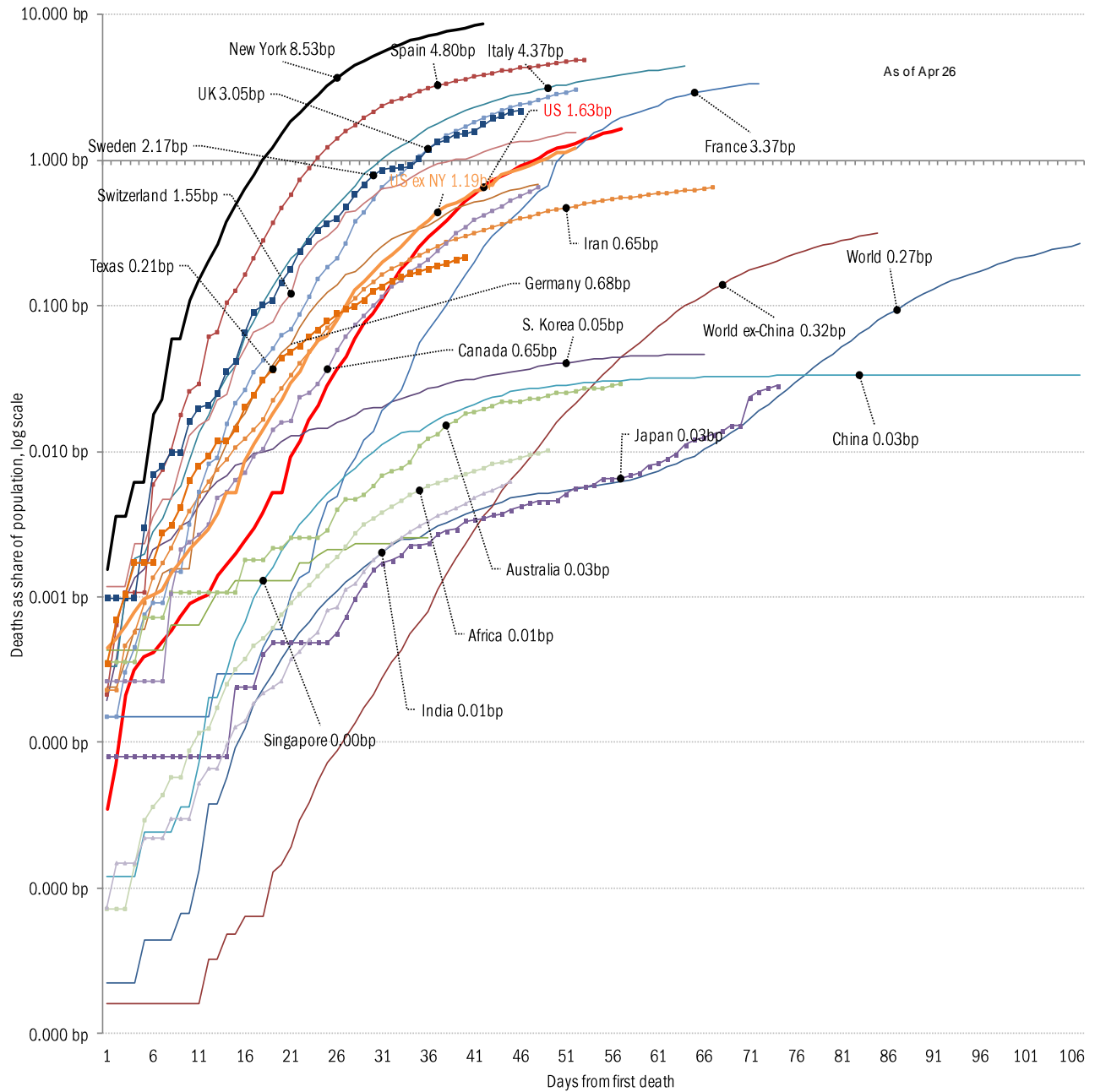
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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*



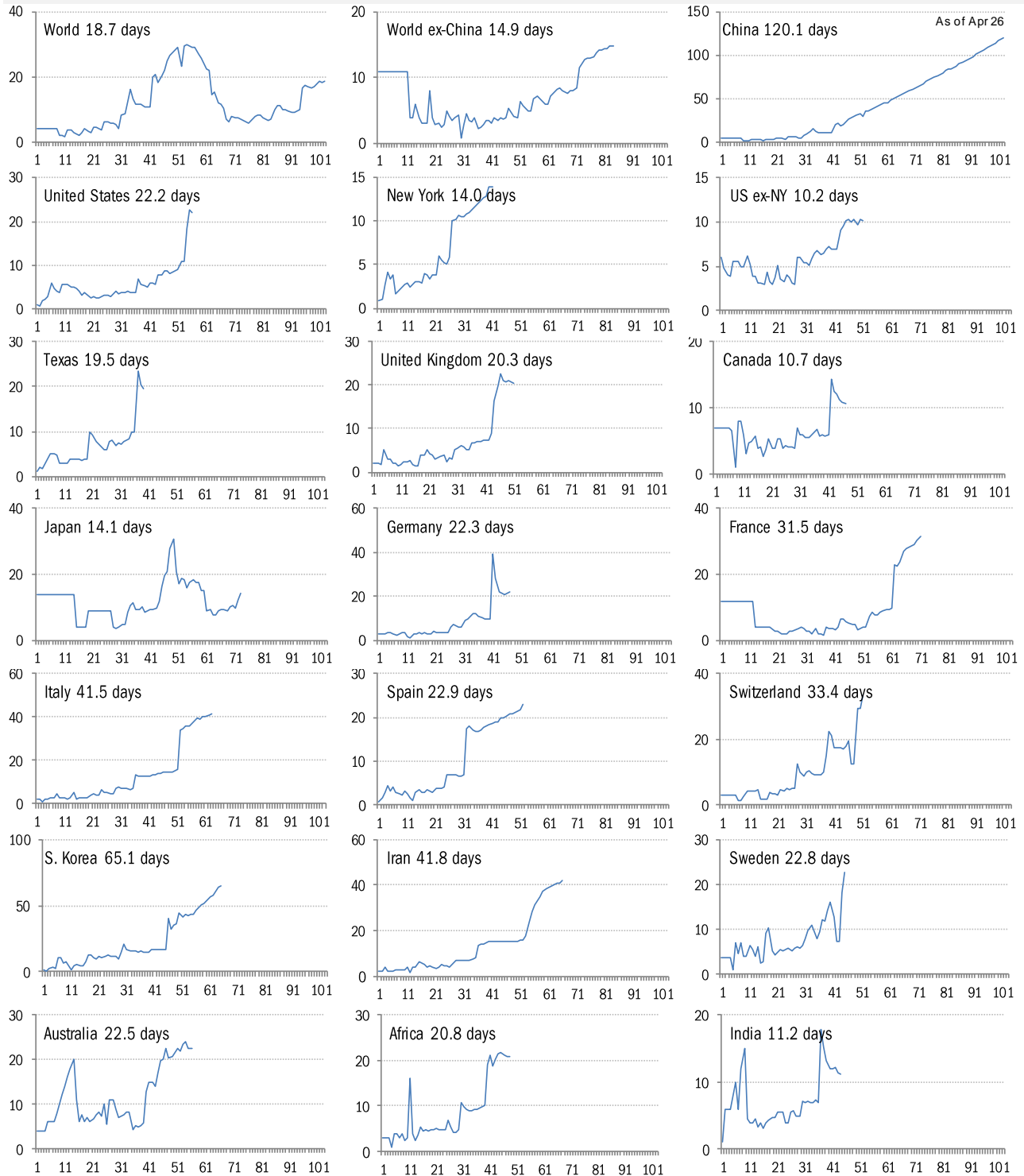
Source: [ECDC](#), TrendMacro calculations

# Our most reliable evidence of slowing the Moore's law of Covid-19

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

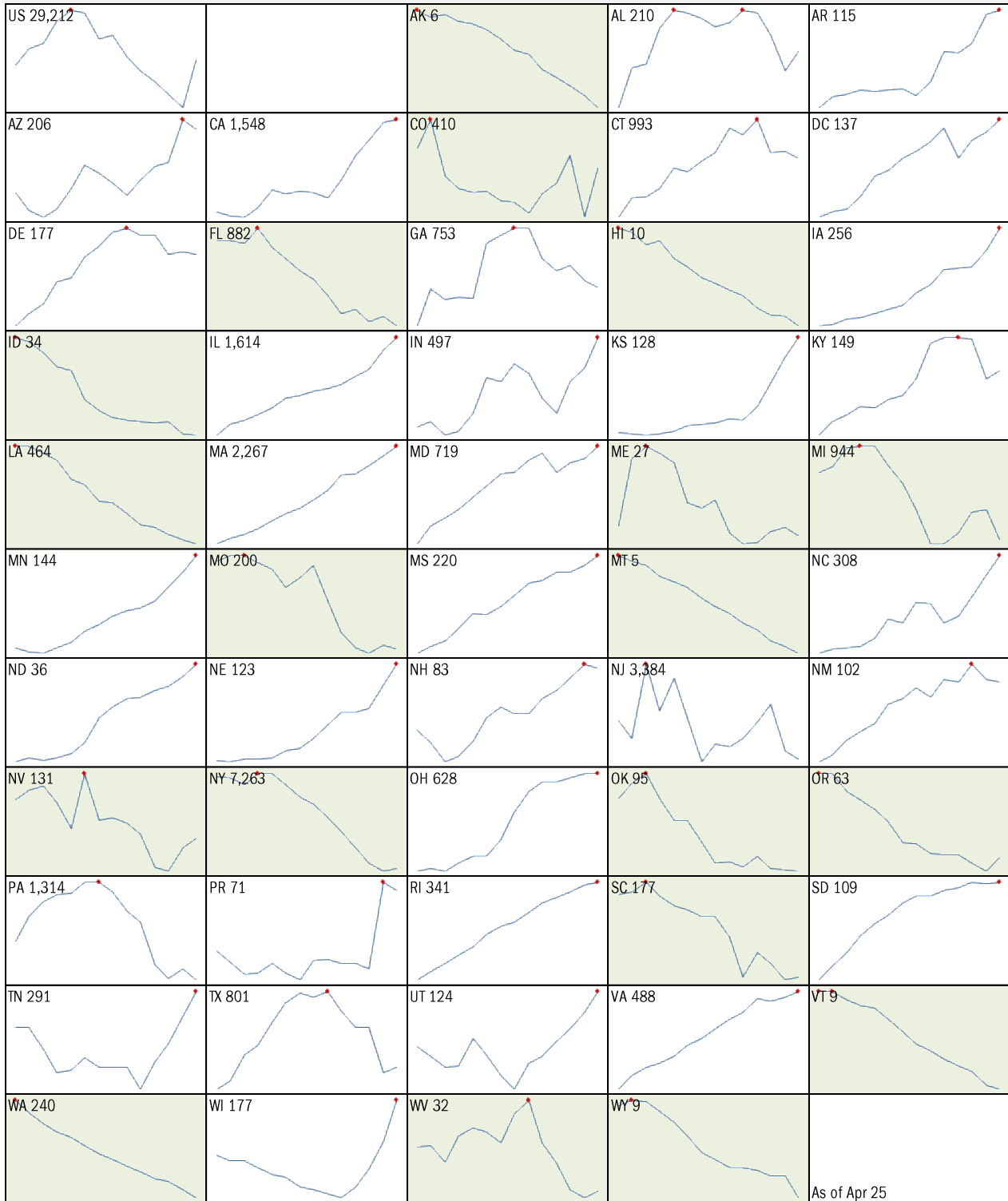
Progress means seeing the line move up and to the right. . .

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



Source: [ECDC](#), TrendMacro calculations

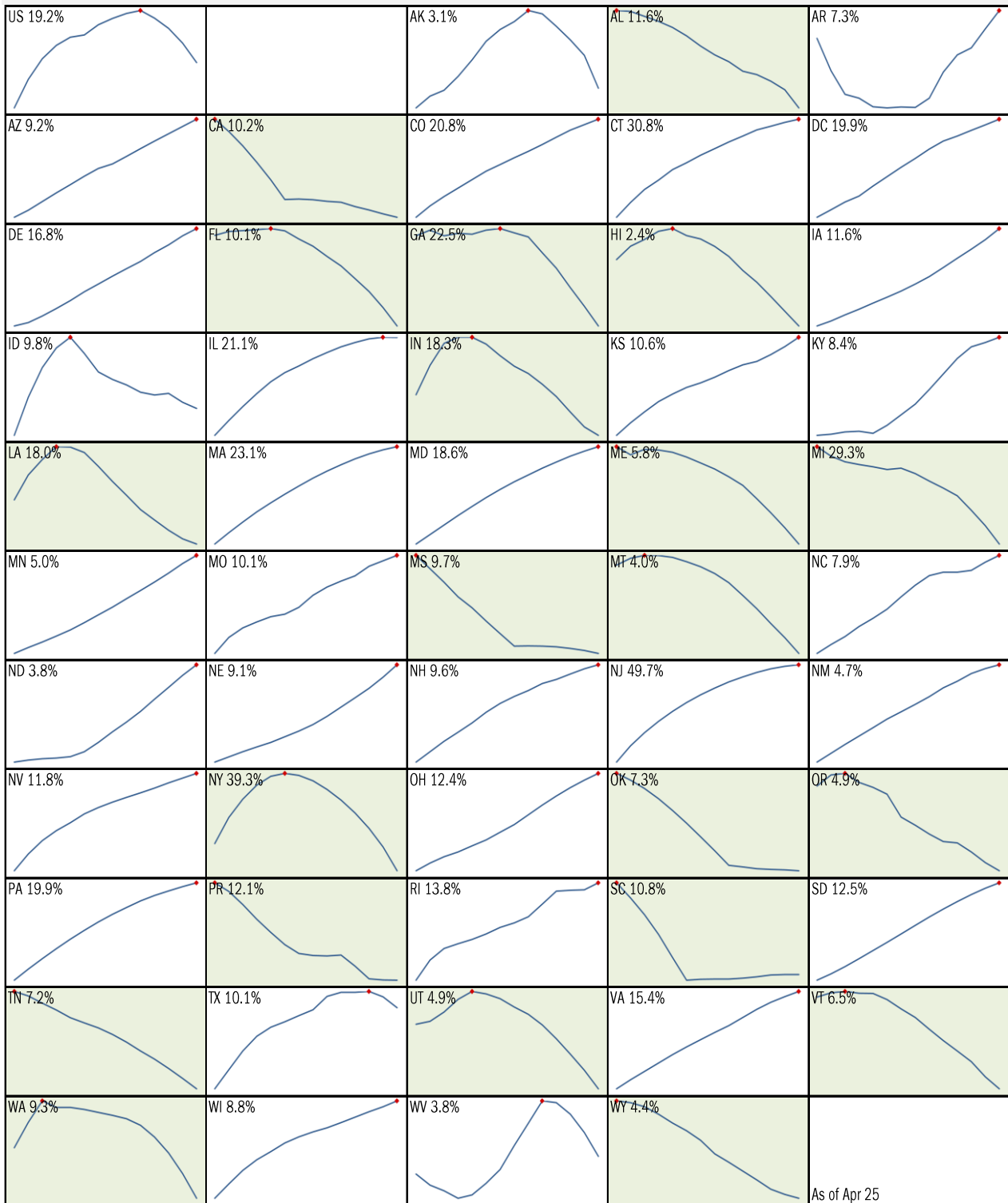
Requirement to [Open Up America Again](#): ■ 14-day "downward trajectory" in new cases  
 14-day moving average, last 14 days *Most recent value displayed*



As of Apr 25

Source: [Covid Tracking Project](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): ■ 14-day “downward trajectory” in pos tests  
 14-day moving average, last 14 days      Most recent value displayed



Source: [Covid Tracking Project](#), TrendMacro calculations

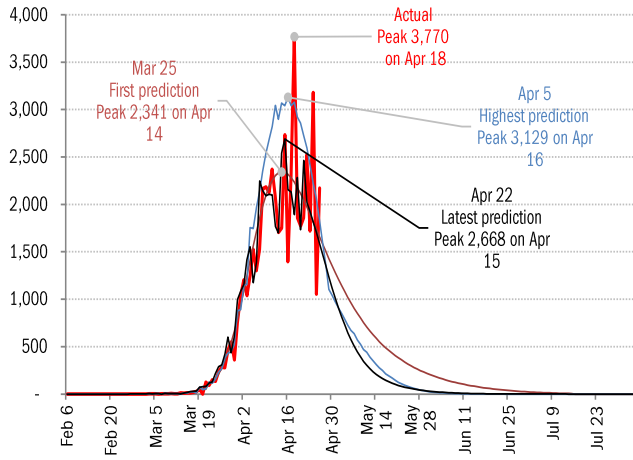


# Reality-checking the models: actuals versus [IHME predictions](#)

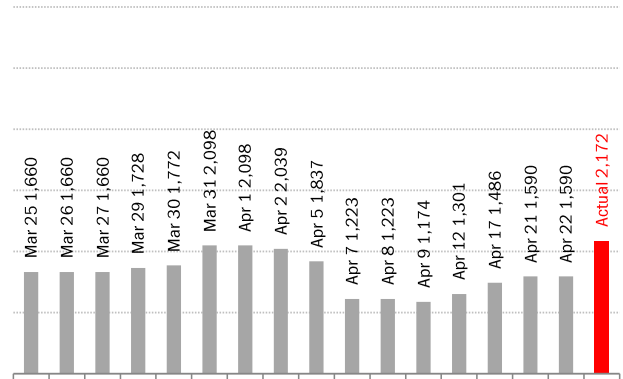
## New daily fatalities

As of Apr 26

Actual versus first, highest and latest model mean predictions

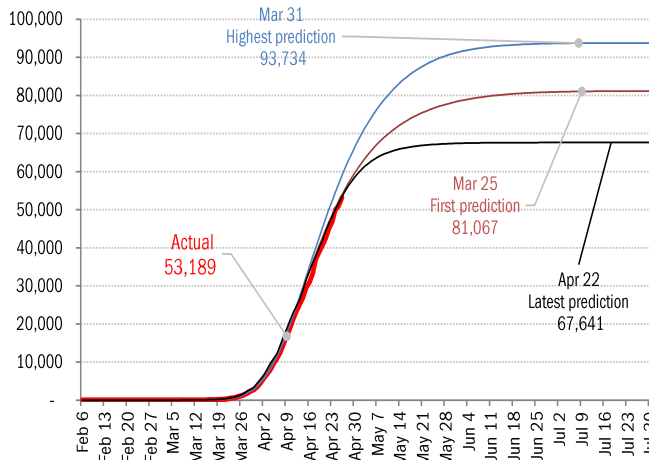


For this day, versus all model mean predictions

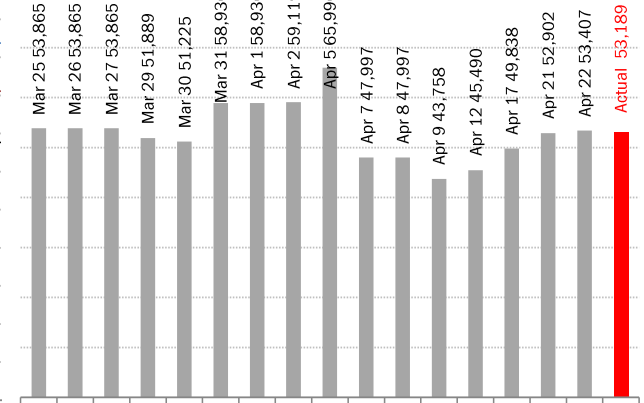


## Cumulative fatalities

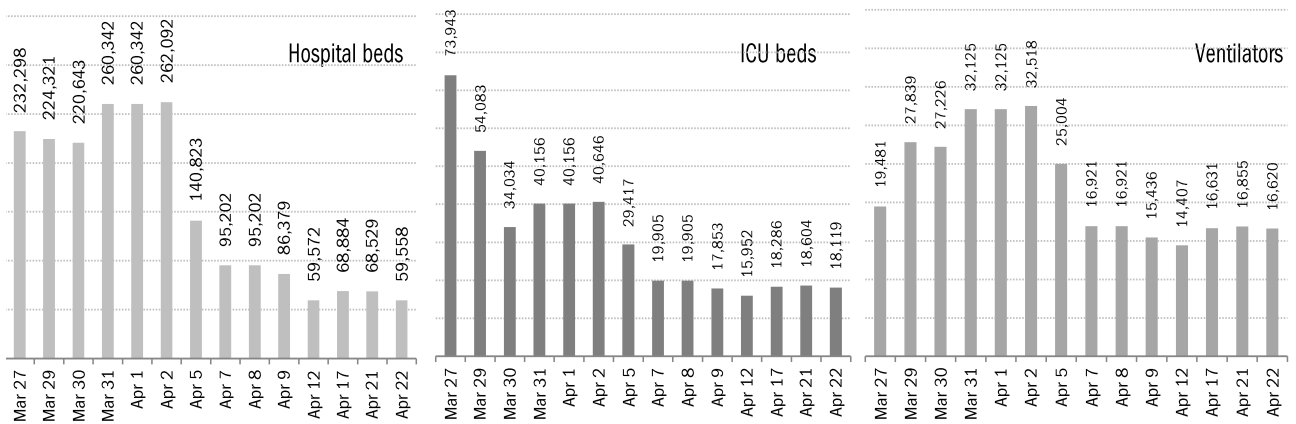
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

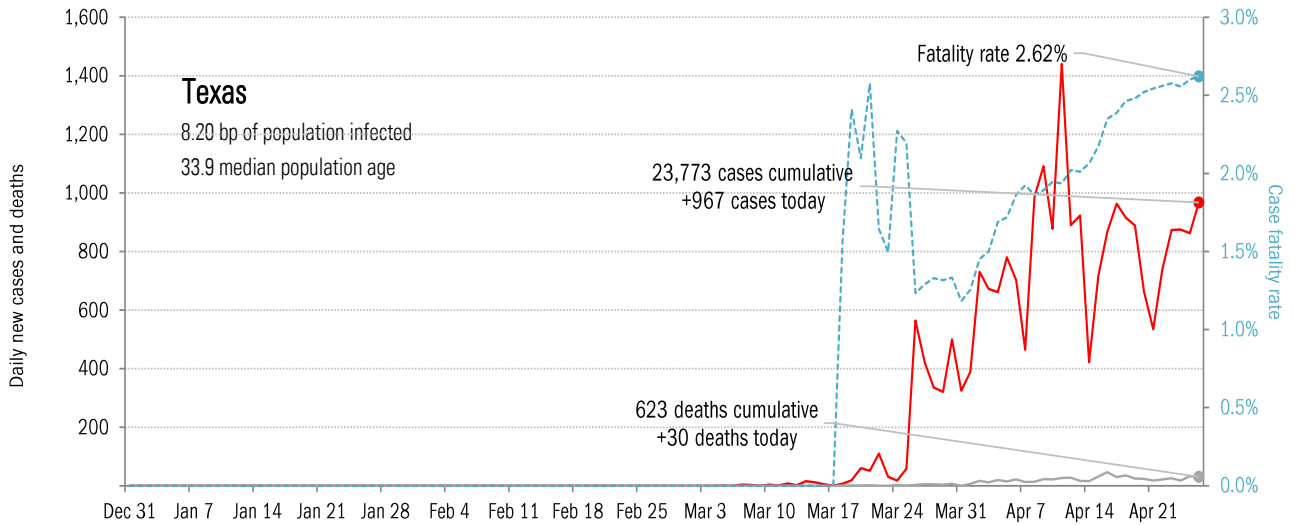
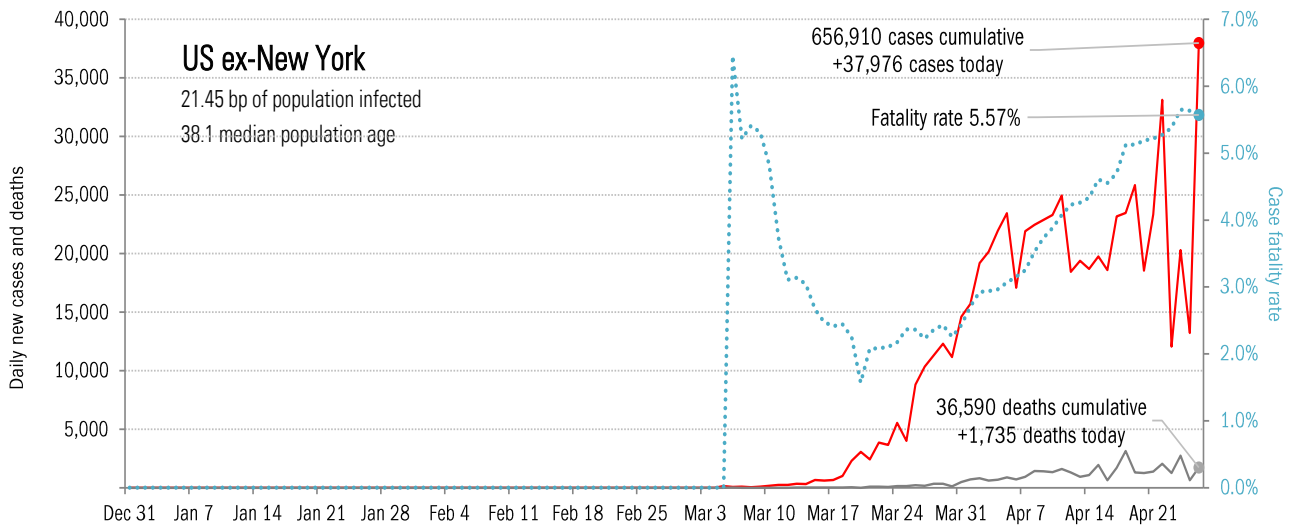
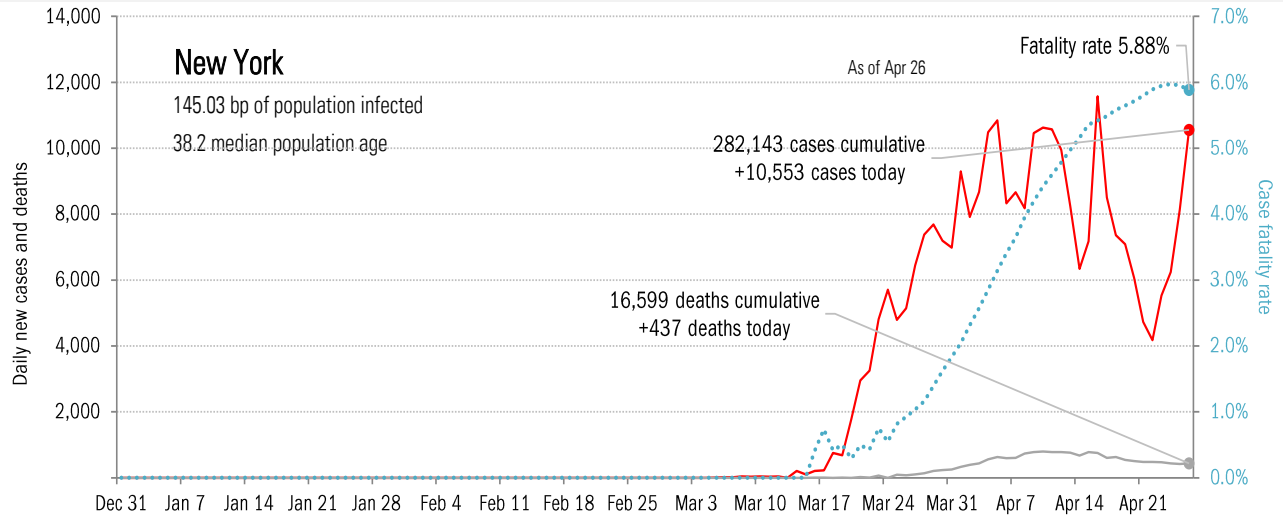


## Healthcare system stress, peak estimated at each model revision



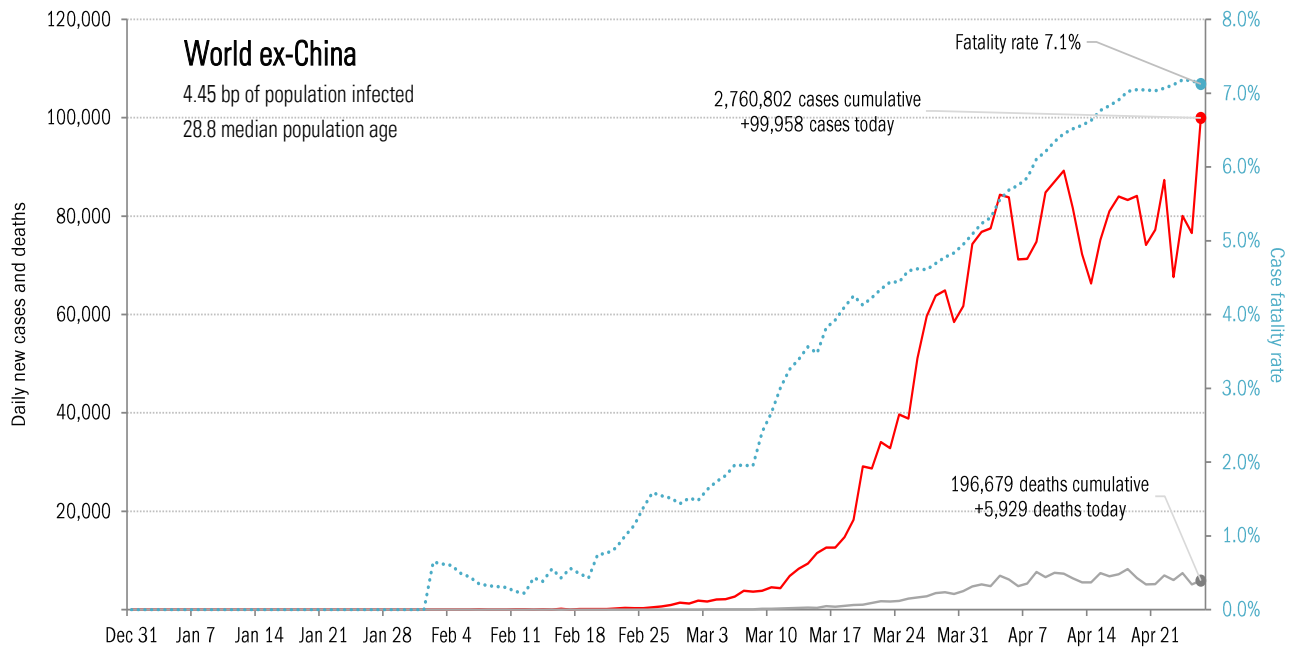
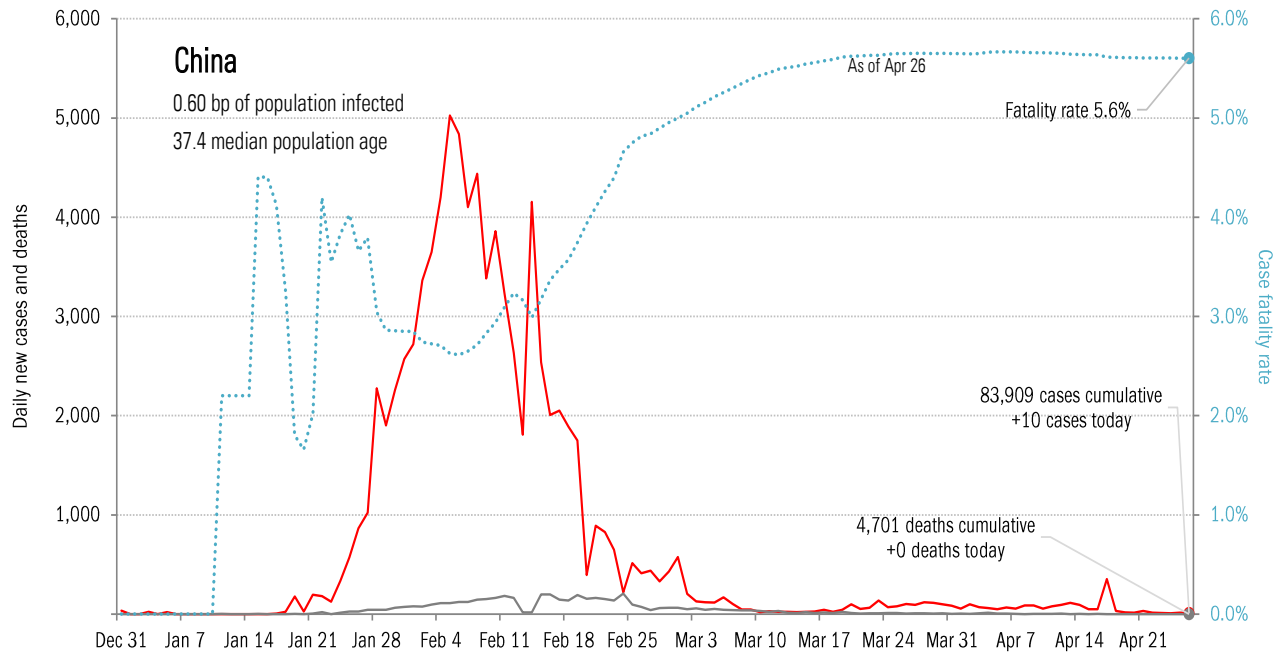
Source: [ECDC](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



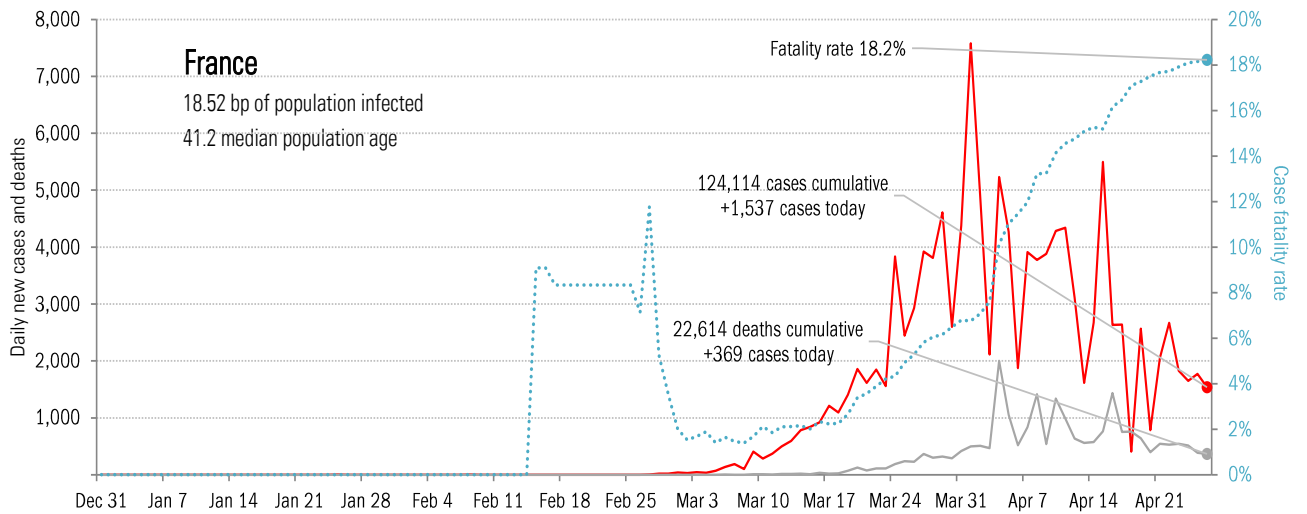
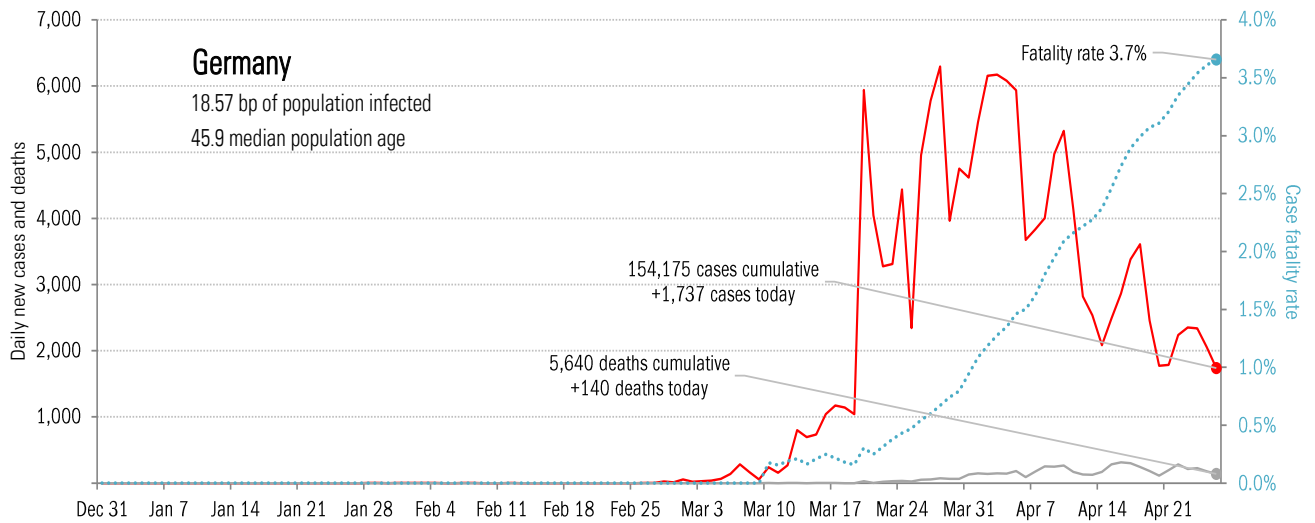
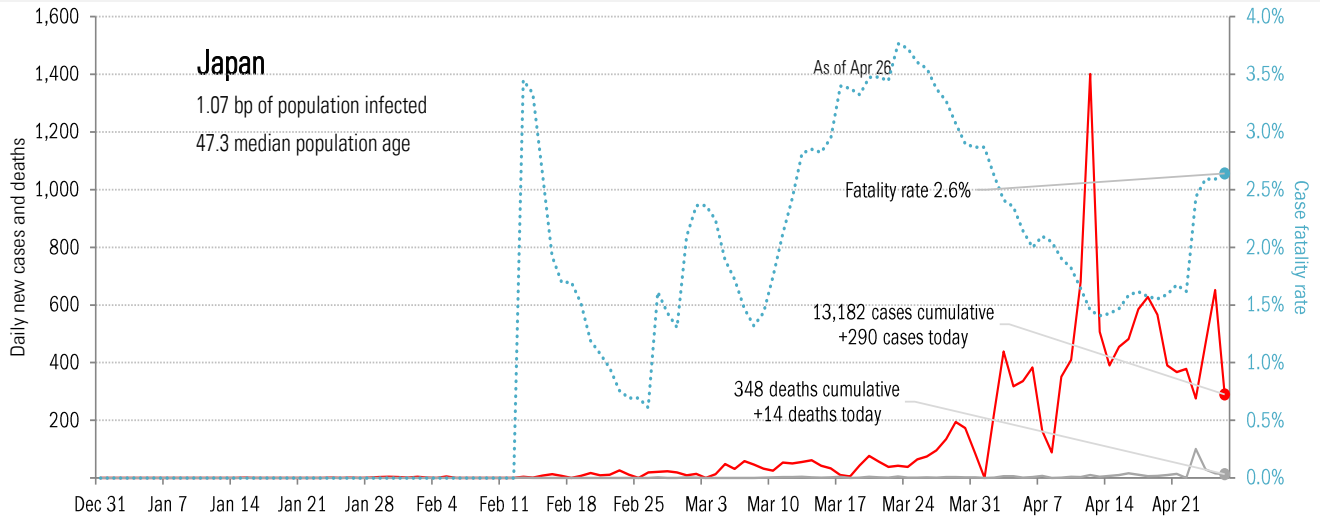
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



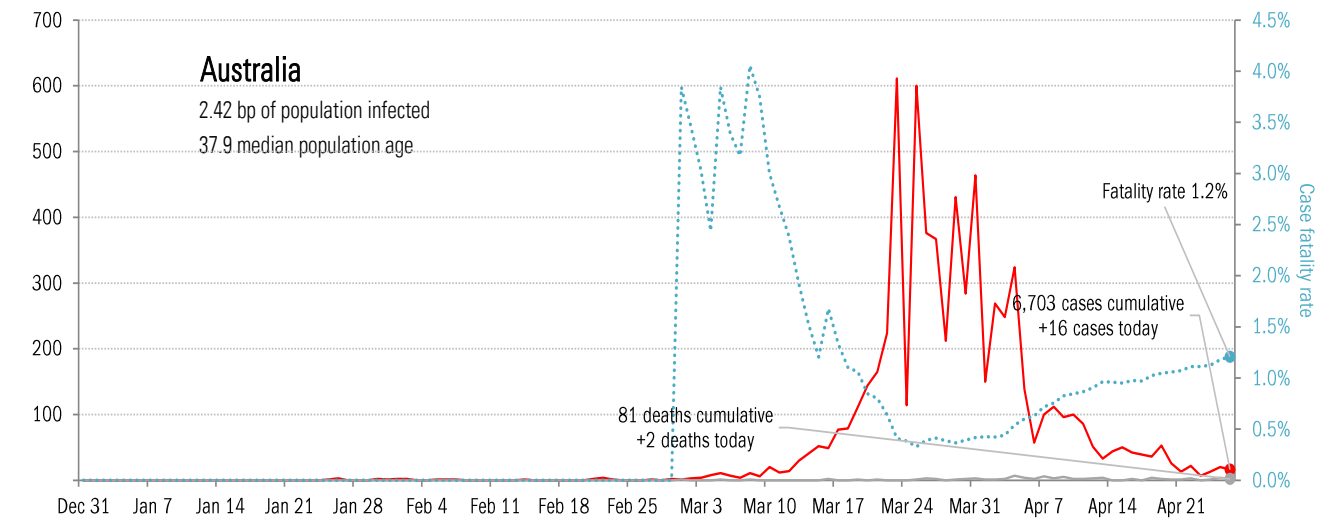
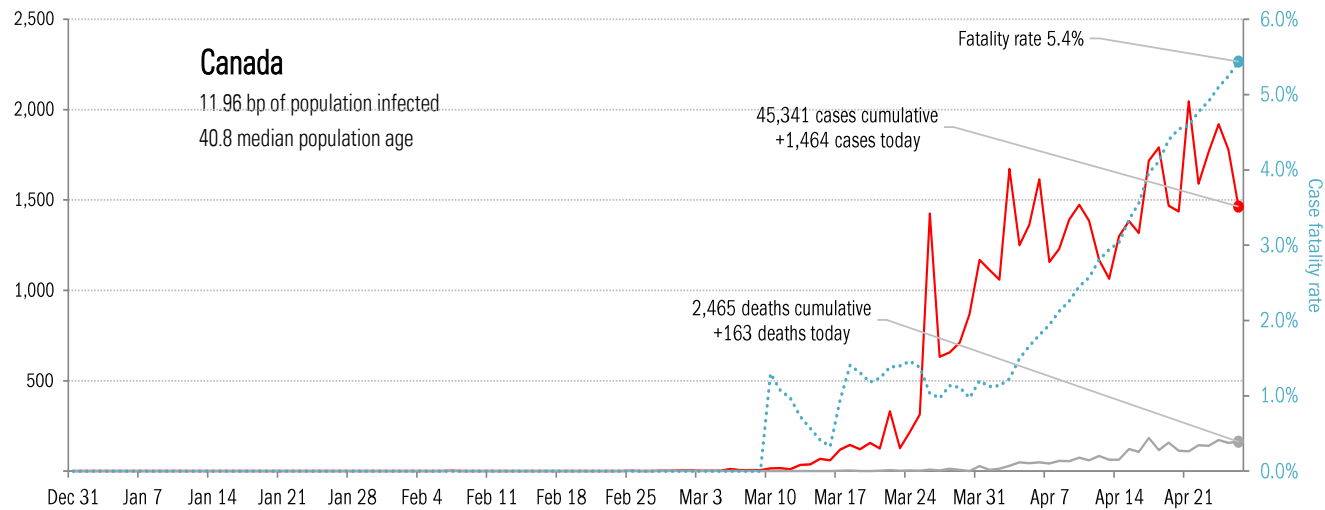
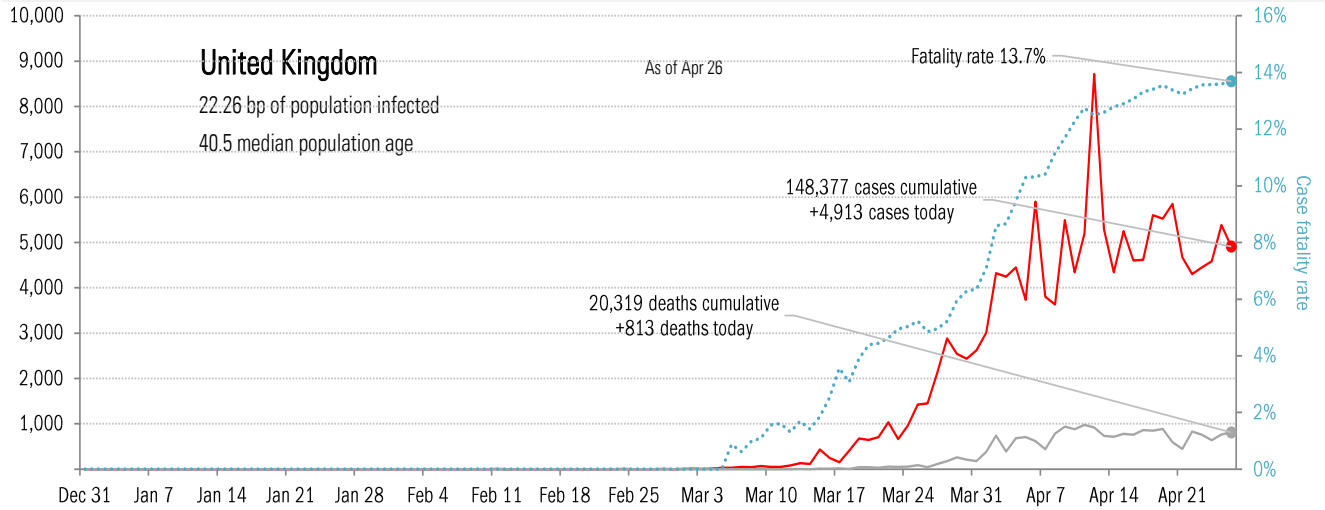
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



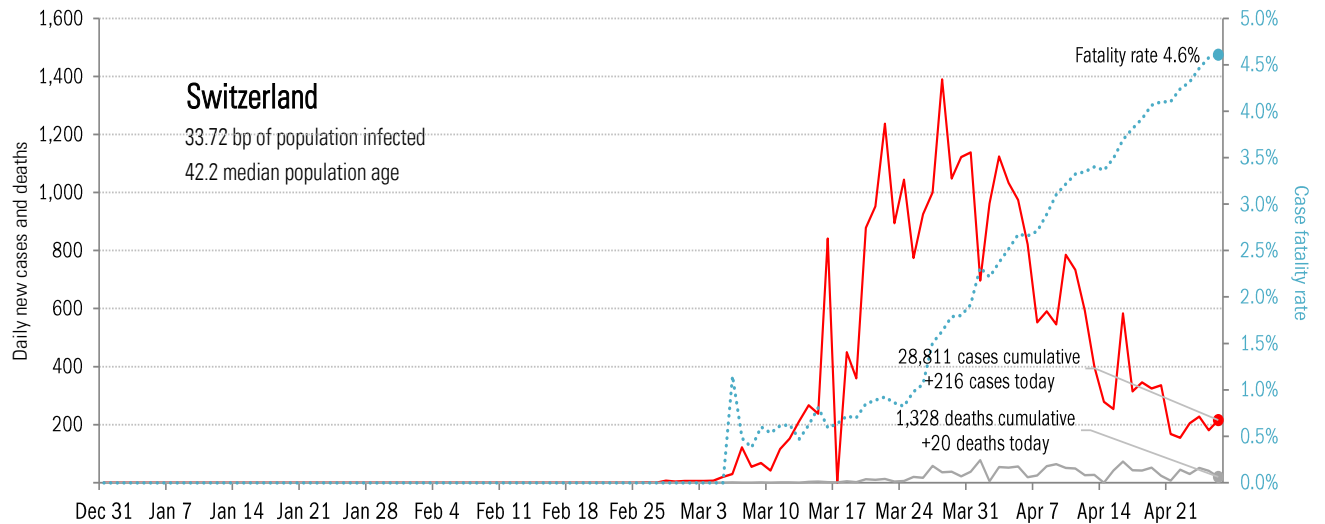
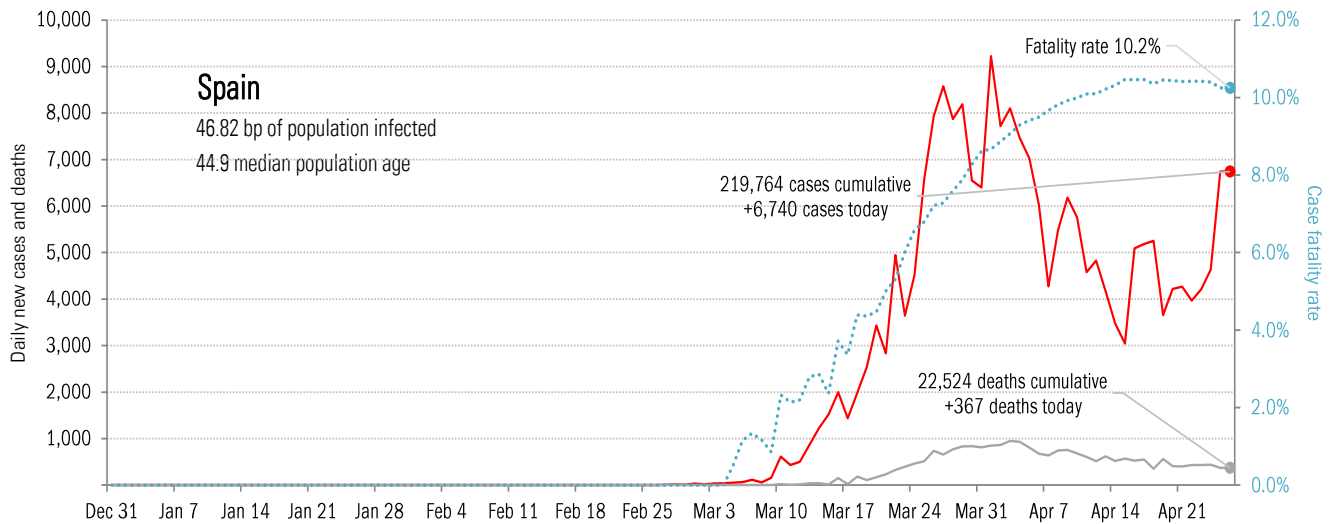
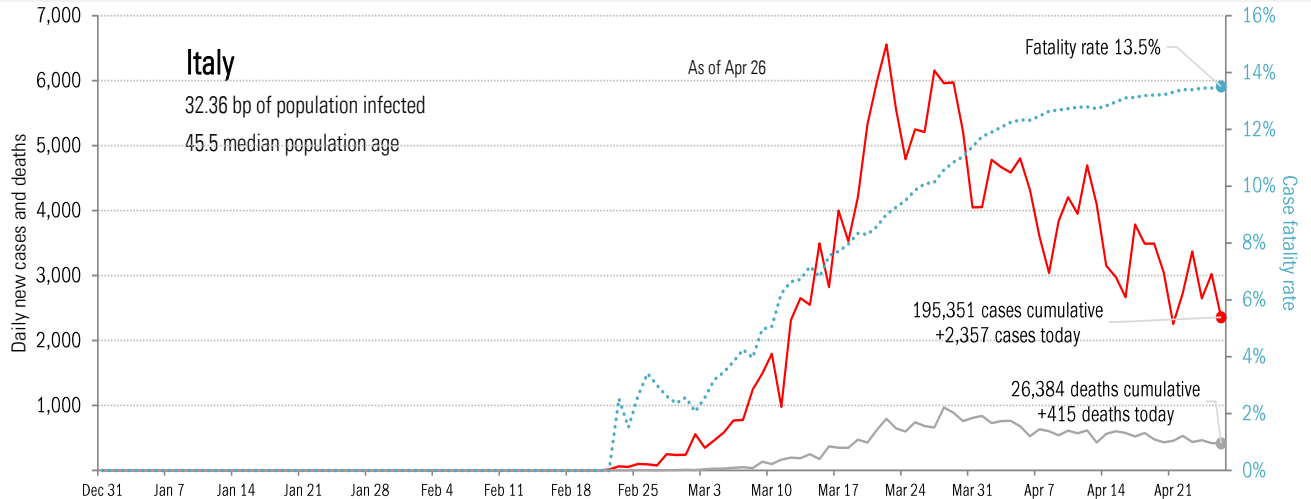
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



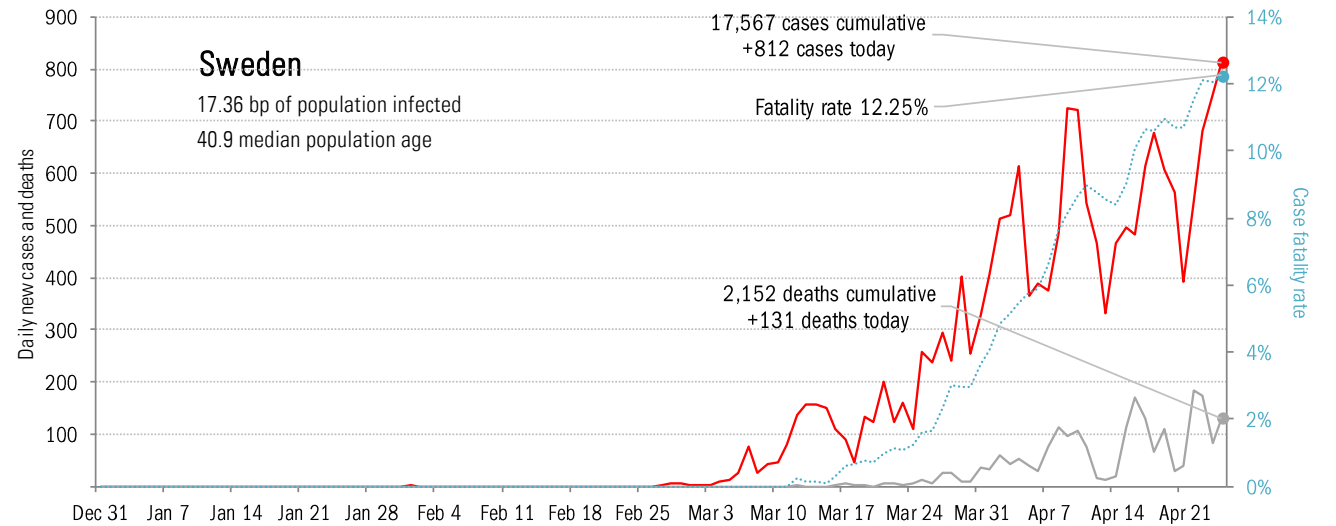
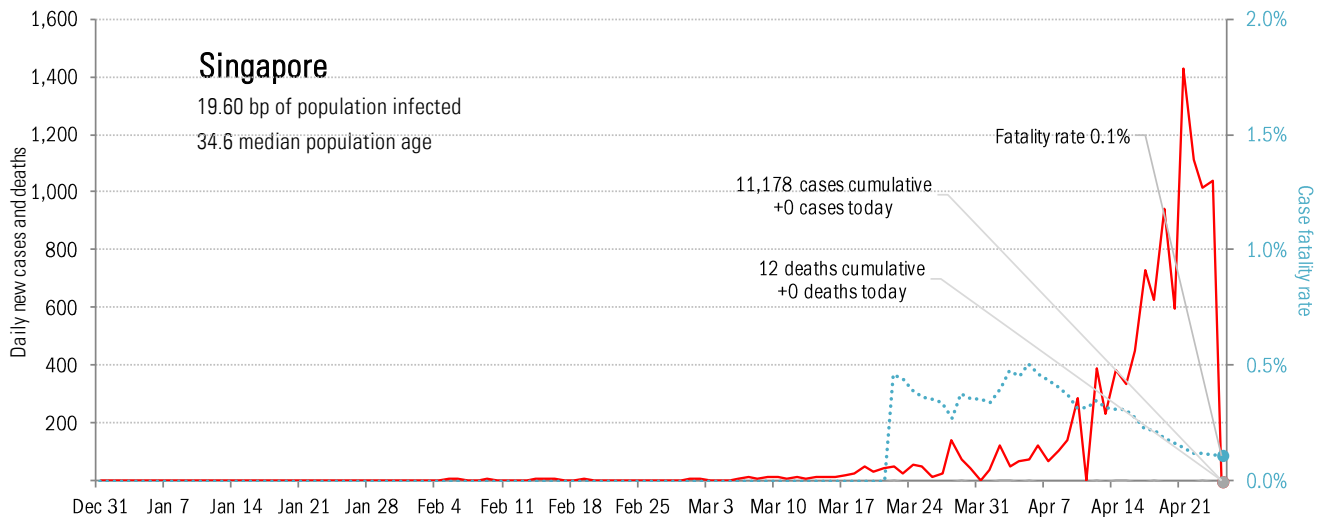
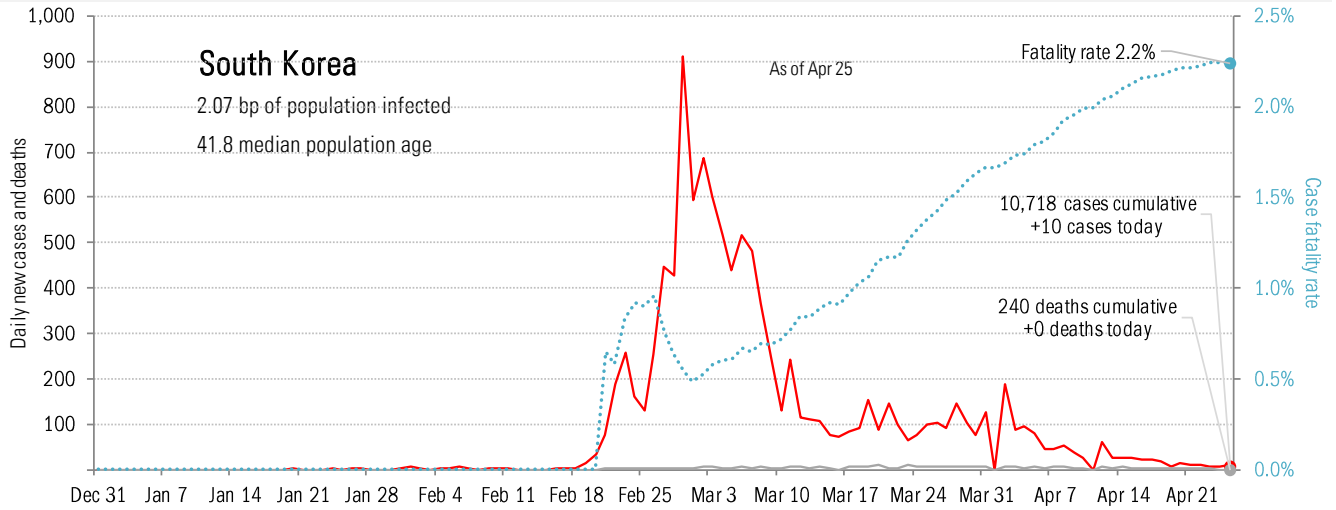
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



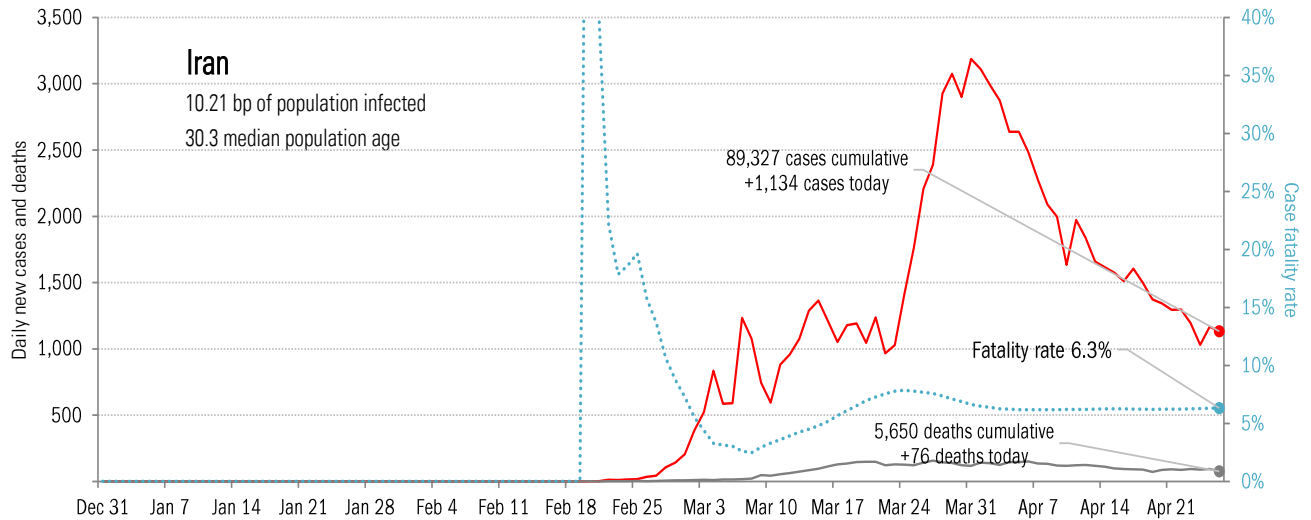
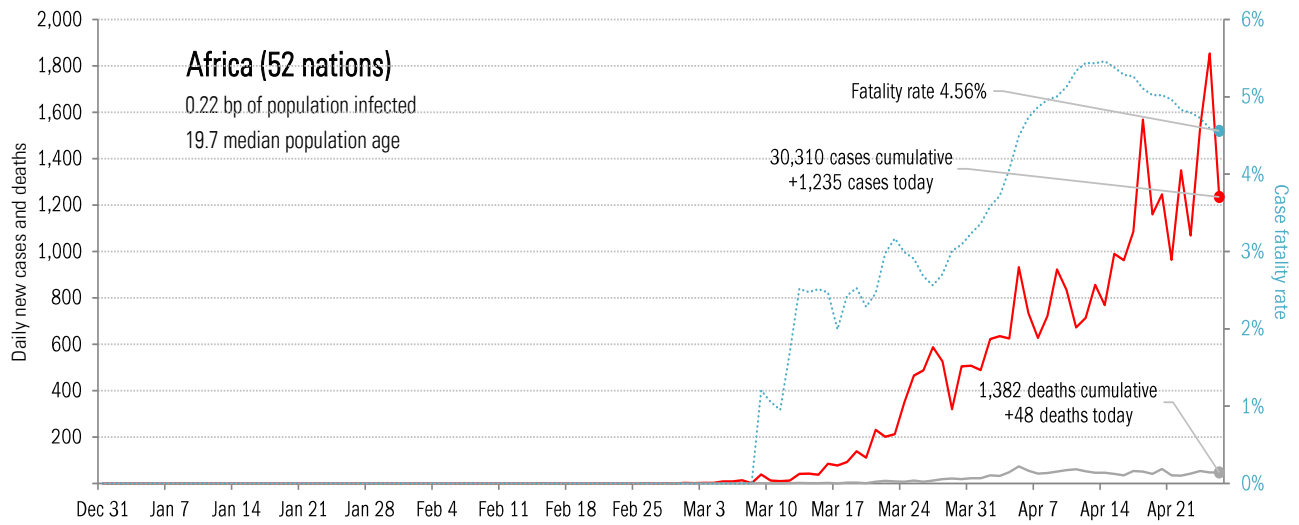
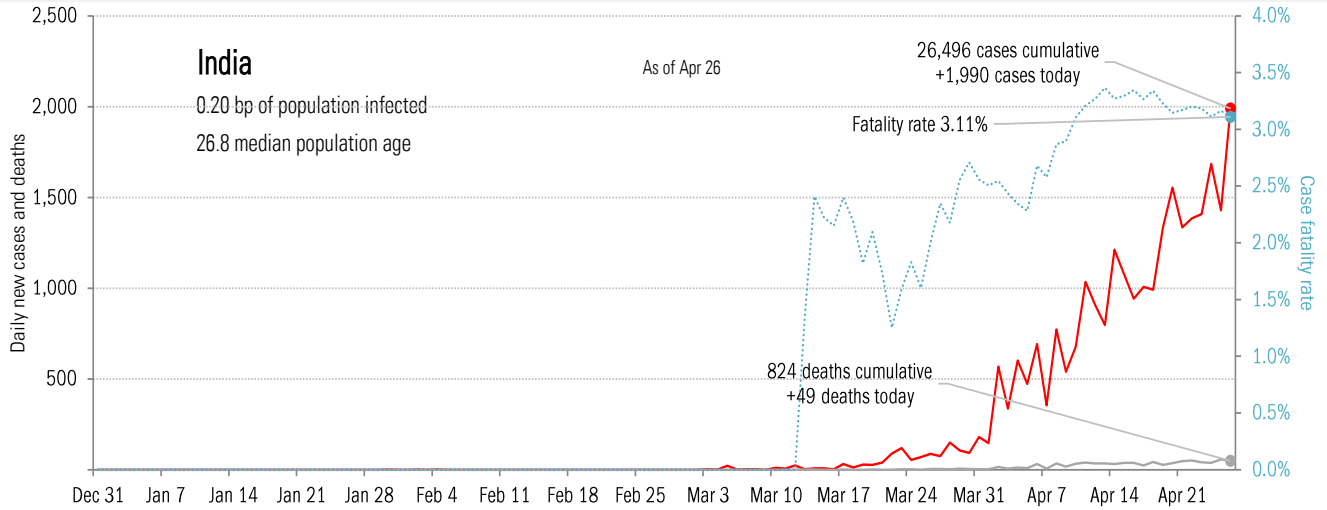
Source: [ECDC](#), TrendMacro calculations

## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

# Impact in the fragile emerging world



Source: [ECDC](#), TrendMacro calculations