

Data Insights: Covid-2019 Monitor

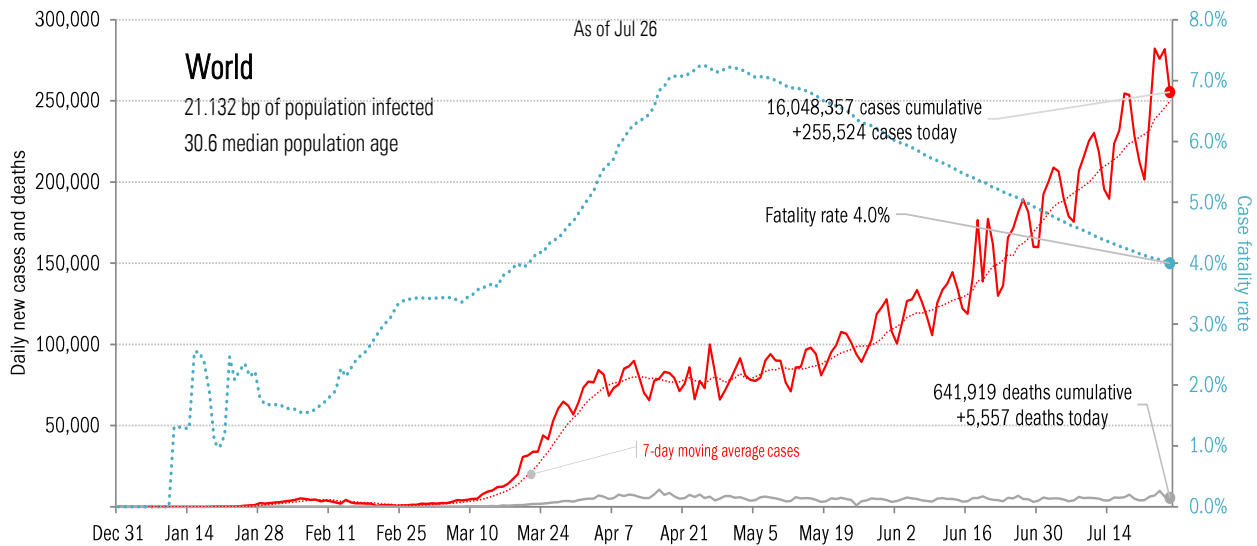
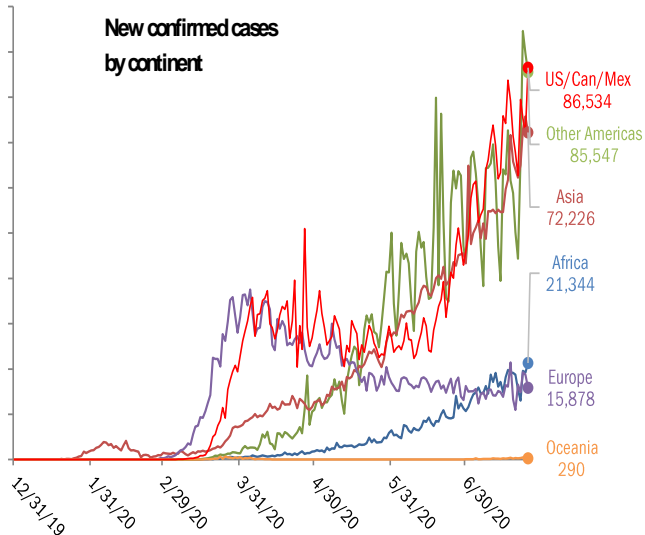
Sunday, July 26, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+65,498	Brazil	+1,211
Brazil	+51,147	US	+914
India	+48,661	Mexico	+729
South_Africa	+12,204	India	+705
Colombia	+7,254	South_Africa	+312
Mexico	+6,751	Colombia	+294
Russia	+5,871	Peru	+187
Argentina	+5,493	Russia	+146
Peru	+3,923	Argentina	+125
Iraq	+2,862	Chile	+106
+209,664		+4,729	
World	+255,524	World	+5,557
Top ten	82%	Top ten	85%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

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The US scorecard

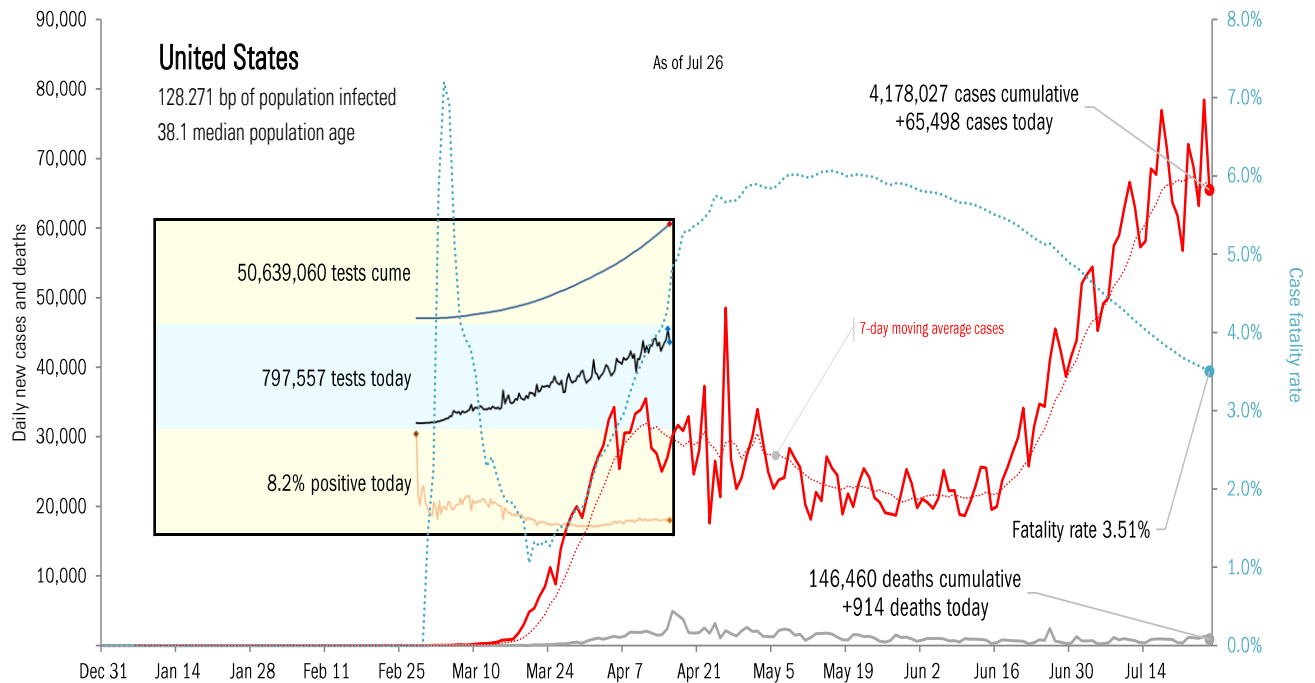
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+12,199	TX	+168	FL	+511	CA	445,400	NY	25,103	NY	89,995
CA	+10,066	CA	+151	GA	+277	FL	414,511	NJ	15,776	FL	24,086
TX	+6,020	AZ	+144	VA	+175	NY	411,200	MA	8,510	NJ	21,314
GA	+3,787	FL	+126	AZ	+166	TX	375,846	CA	8,337	GA	17,029
AZ	+3,740	SC	+80	NJ	+130	NJ	178,858	IL	7,589	MD	12,188
AL	+2,125	GA	+53	OK	+81	IL	171,125	PA	7,114	VA	12,001
NC	+2,097	NC	+32	CO	+78	GA	165,188	MI	6,400	MA	11,813
TN	+1,718	MA	+26	TN	+76	AZ	160,041	FL	5,894	CT	10,712
CH	+1,438	TN	+26	CH	+73	MA	115,268	TX	4,885	CH	10,145
MS	+1,434	AL	+18	MD	+69	NC	111,092	CT	4,413	AL	9,157
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+44,624		+824		+1,636		2,548,529		94,021		218,440	
All states	+65,413	All states	+1,037	All states	+1,992	All states	4,158,341	All states	138,692	All states	291,347
Top ten	68%	Top ten	79%	Top ten	82%	Top ten	61%	Top ten	68%	Top ten	75%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-2,681	DE	-48	SC	-329	TX	+9,294
LA	-2,084	CH	-41	KY	-309	WI	+954
GA	-1,026	GA	-29	AL	-162	CH	+908
KS	-1,005	LA	-29	GA	-122	TN	+825
AR	-990	TX	-28	FL	-73	PA	+790



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

Recommended reading

[Robots that kill viruses in 10 minutes unleashed in hospitals for Covid-19 fight](#)

Tom Bull
The Star
July 25, 2020

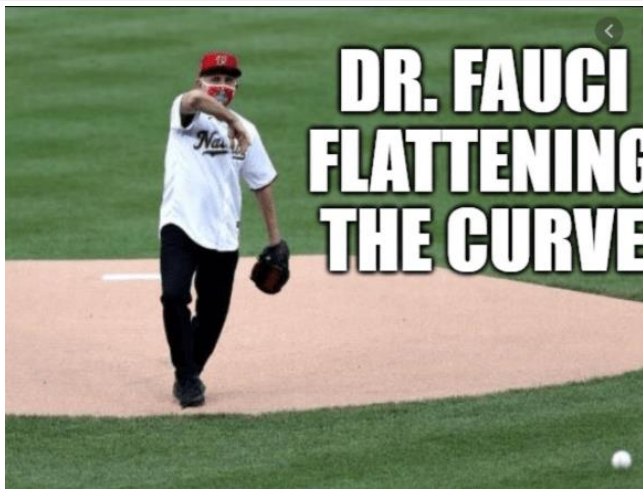
[Quebec revises COVID-19 data reporting after 'significant underestimation' of recovered patients](#)

Isaac Olson
CBC News
July 17, 2020

[What Arizona's Tenuous Virus Plateau Could Teach Us](#)

Sarah Mervosh and Simon Romero
New York Times
July 24, 2020

Meme of the day



Everyone on the internet needs to stop hating on Fauci's first pitch. According to Angel Hernandez, it was actually a strike.

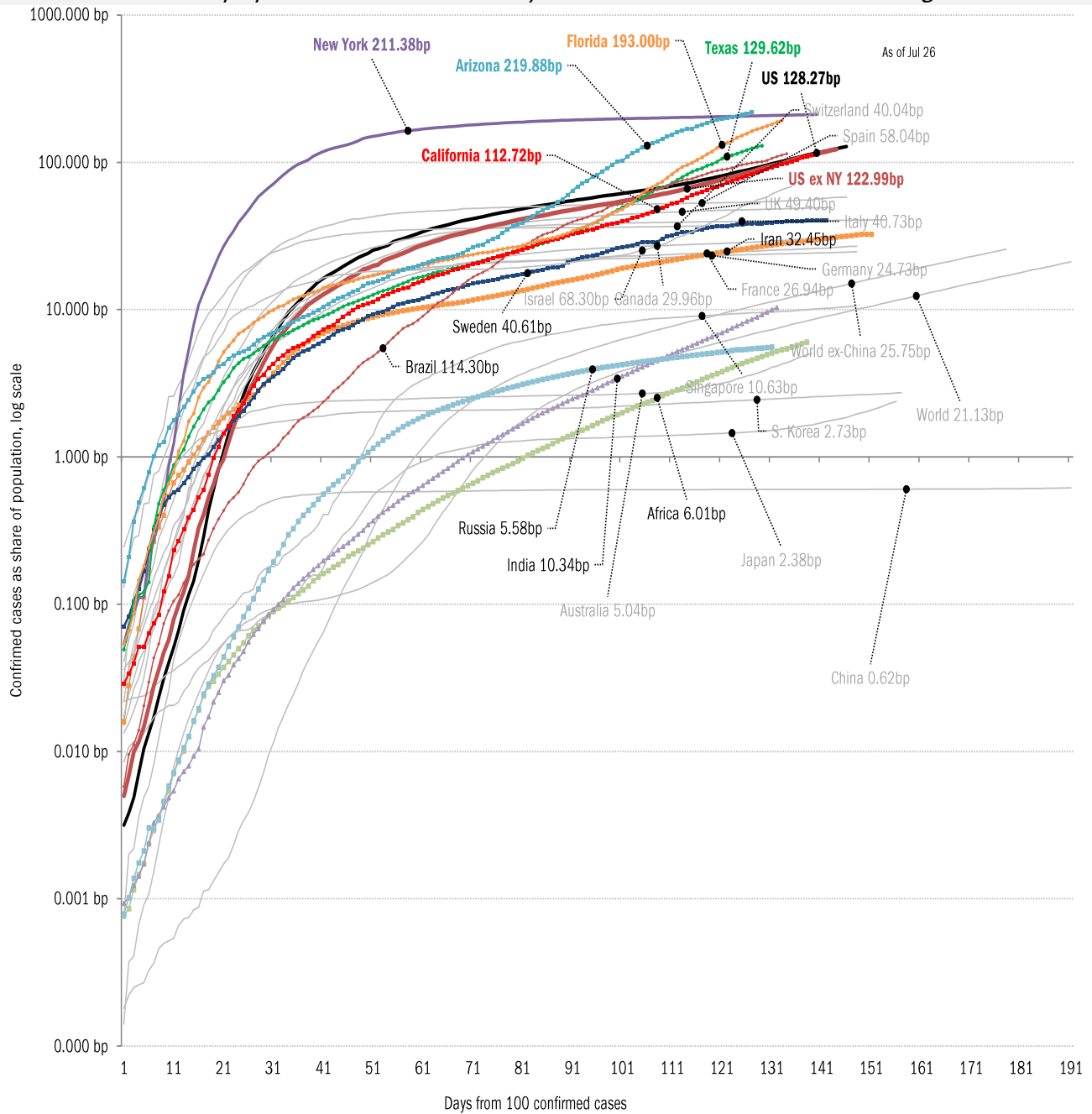


"And then I told them, stay home, save lives!" [LAUGHTER]



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

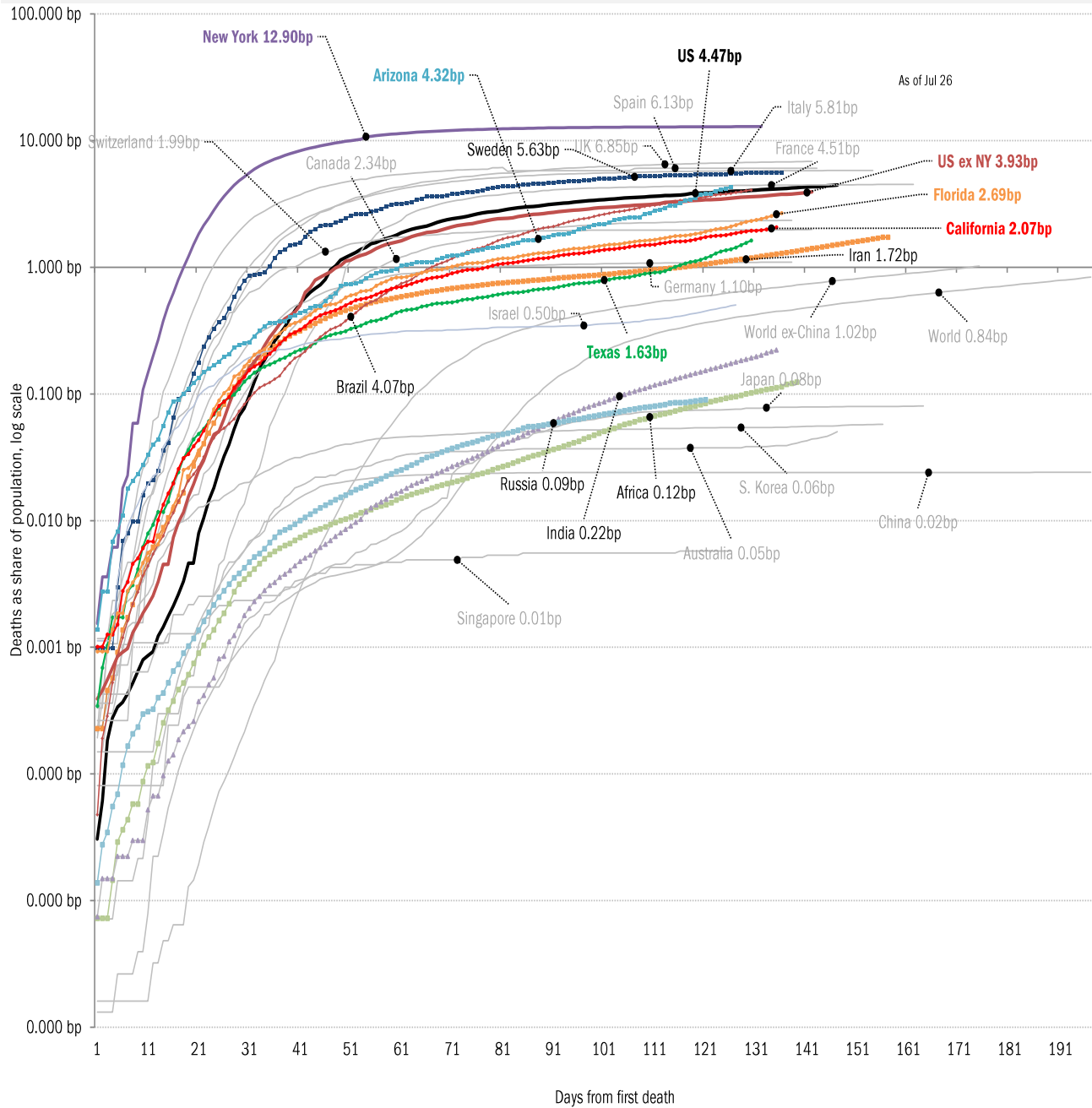
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

The coronavirus mortality accelerometer ... tracking the world's fatality curves

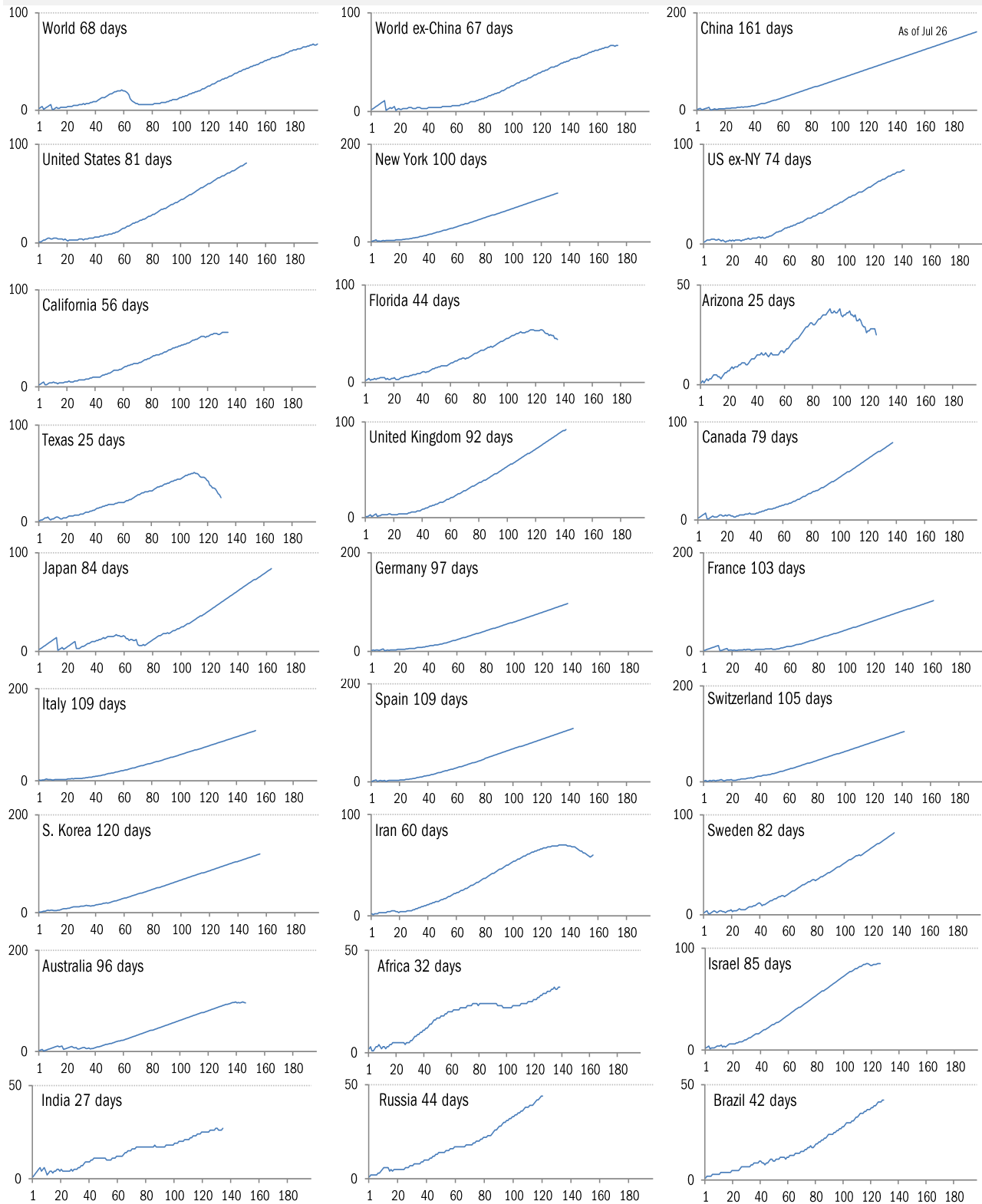
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

Our most reliable evidence of slowing exponential growth of Covid-2019

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

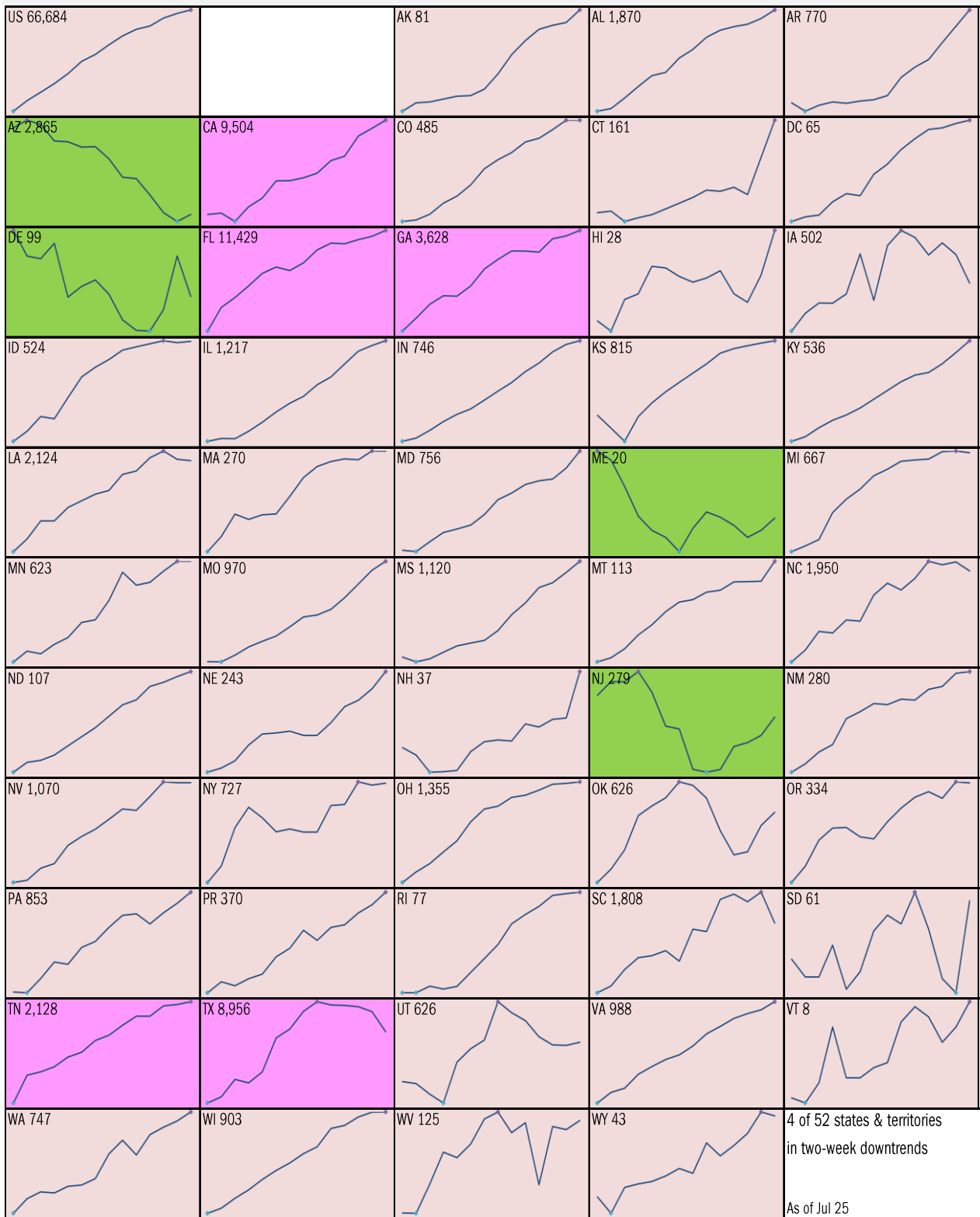


Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): 14-day "downward trajectory" in new cases

14-day moving average, last 14 days *Most recent value displayed* ● High ● Low

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



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 ● High ● Low

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



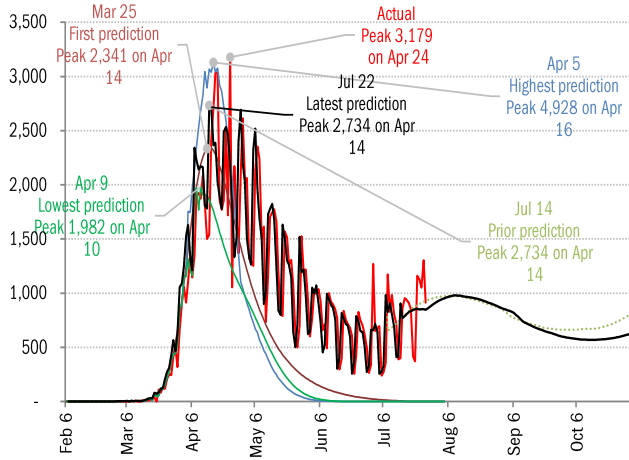
Source: [Covid Tracking Project](#), TrendMacro calculations

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

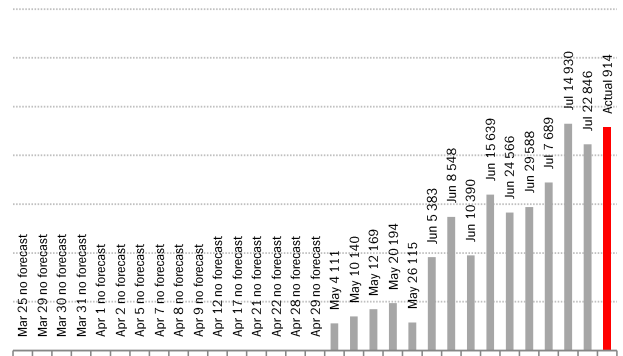
New daily fatalities

As of Jul 26

Actual versus first, highest, lowest and latest model mean predictions

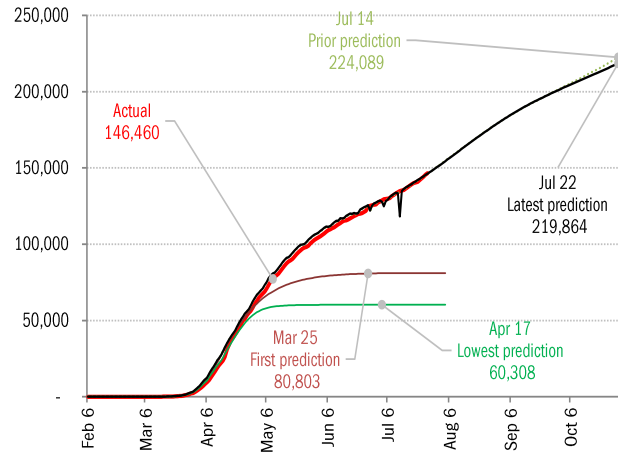


For this day, versus all model mean predictions

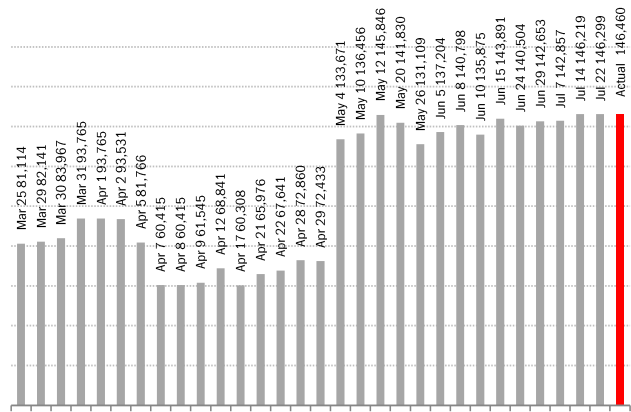


Cumulative fatalities

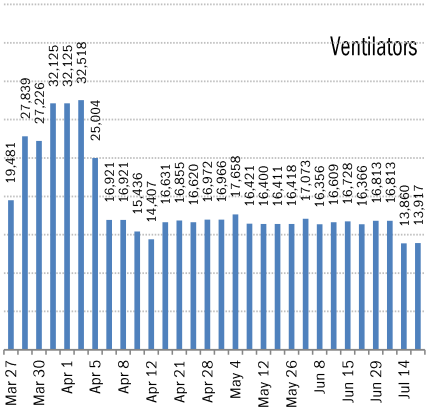
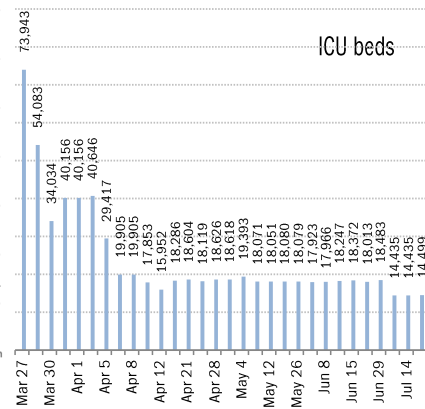
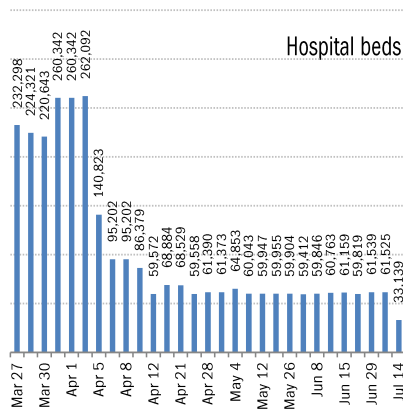
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

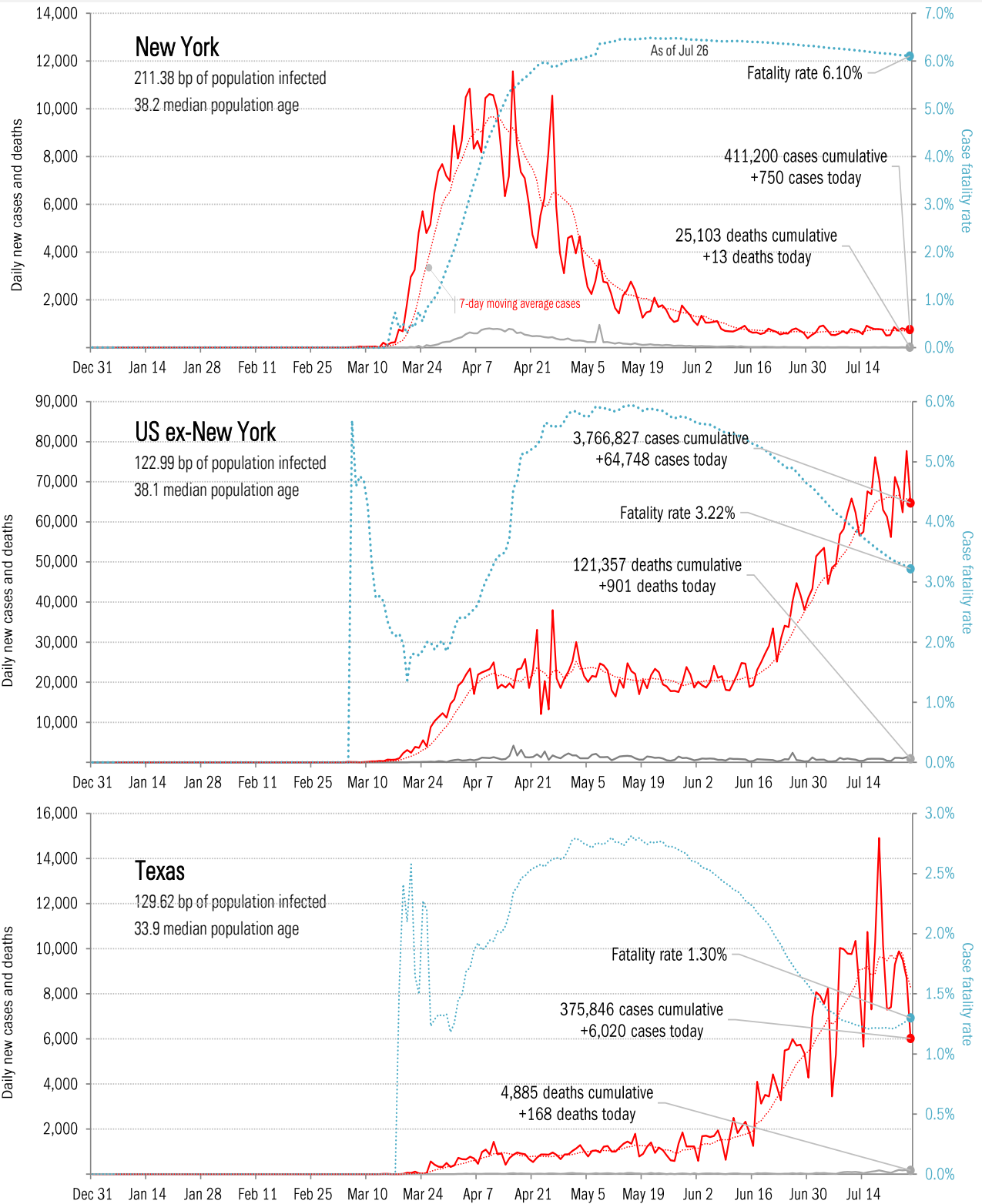


Healthcare system stress, peak estimated at each model revision



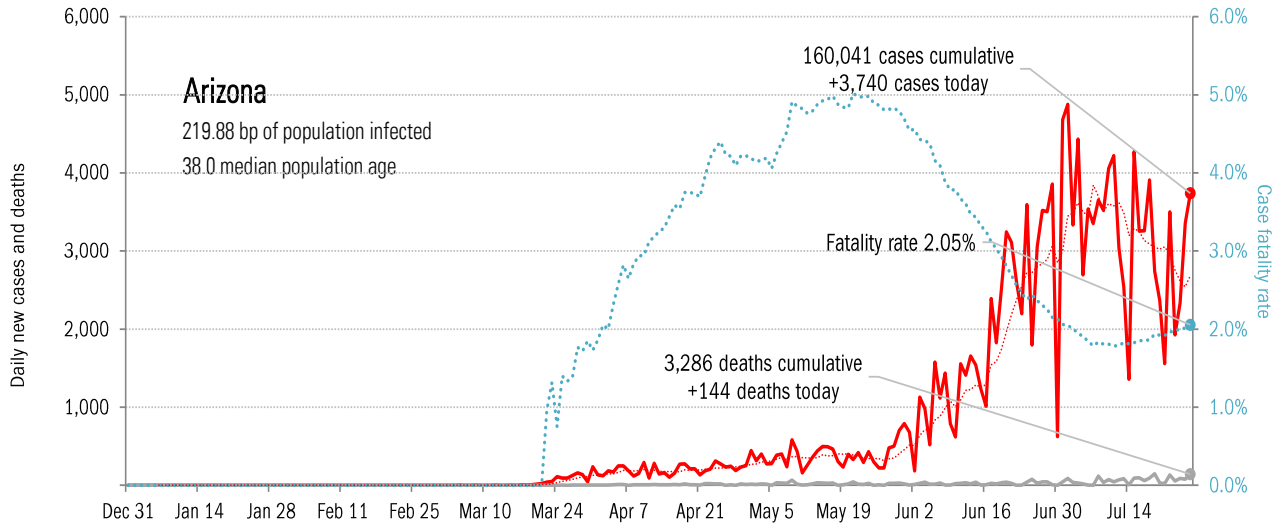
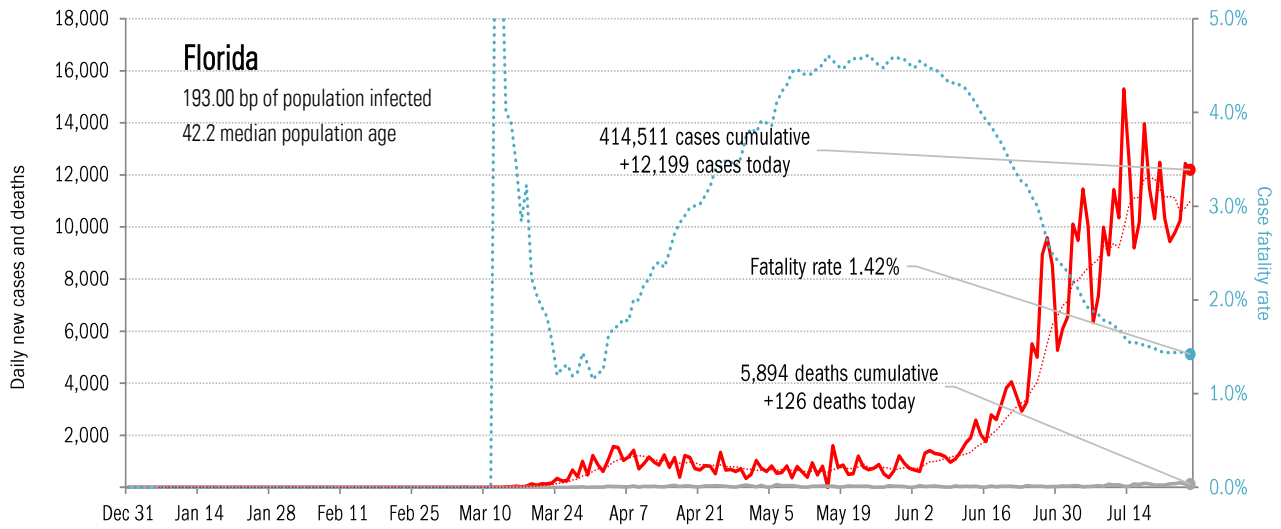
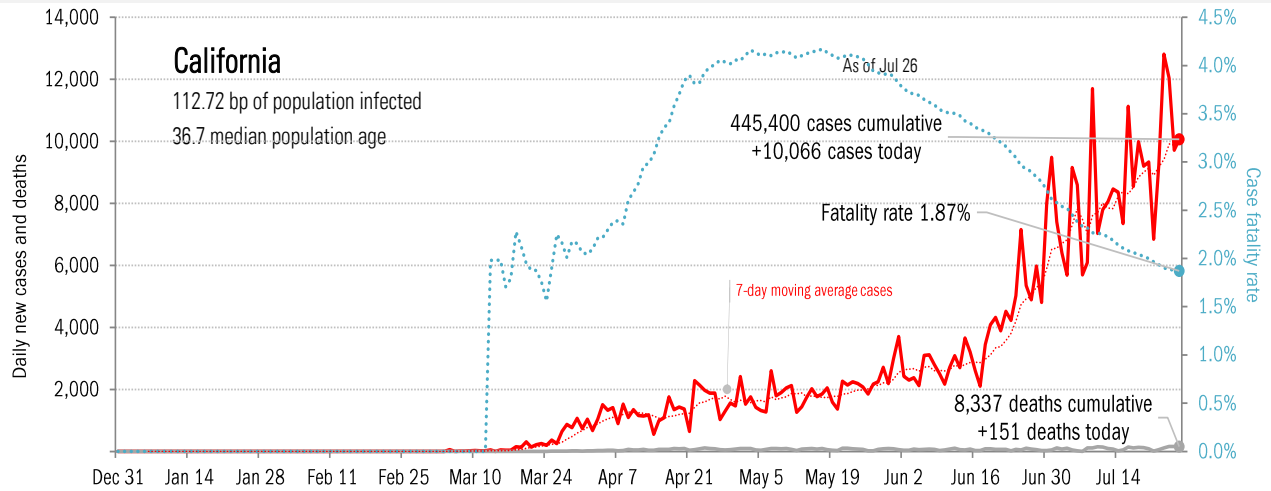
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



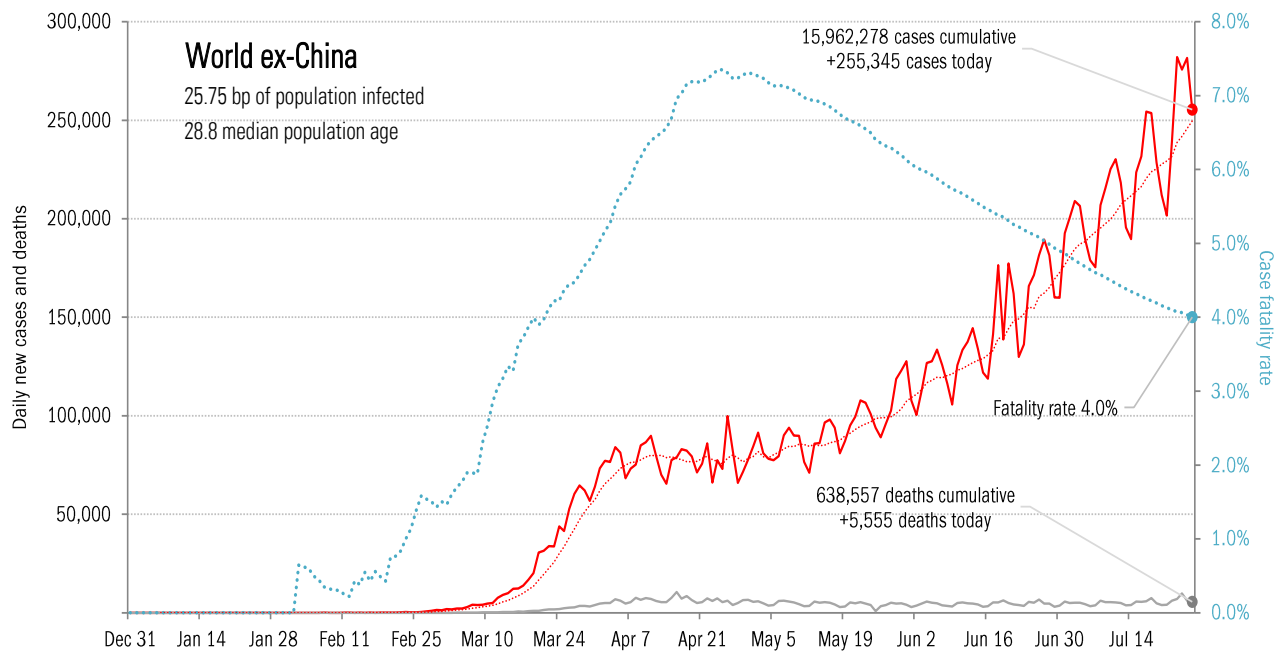
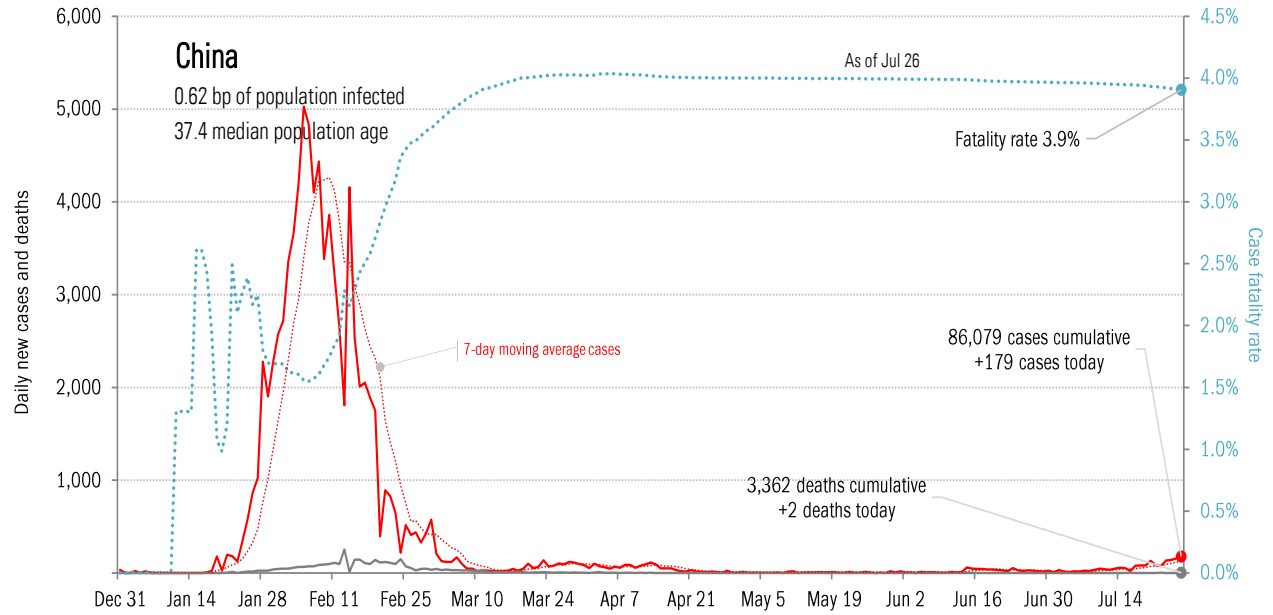
Source: [ECDC](#), TrendMacro calculations

The sun-belt hot-spot states (other than Texas)



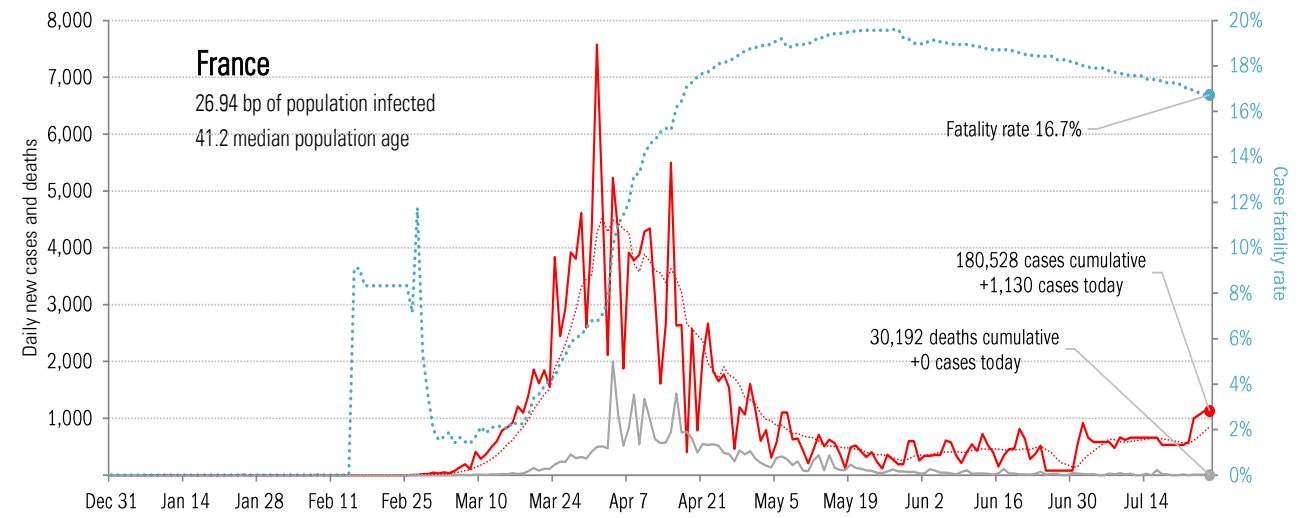
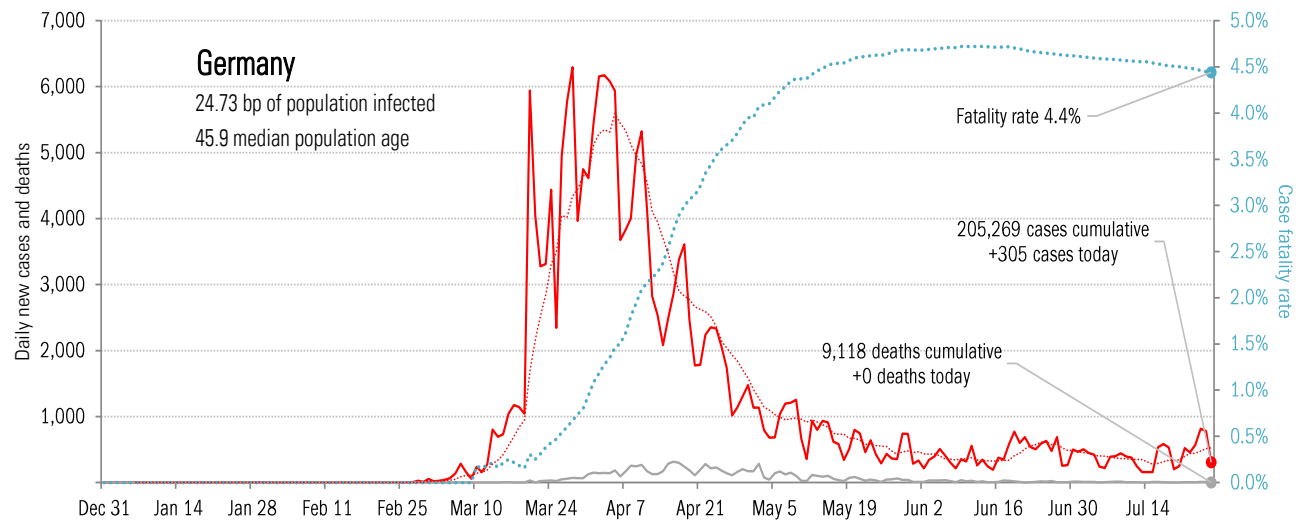
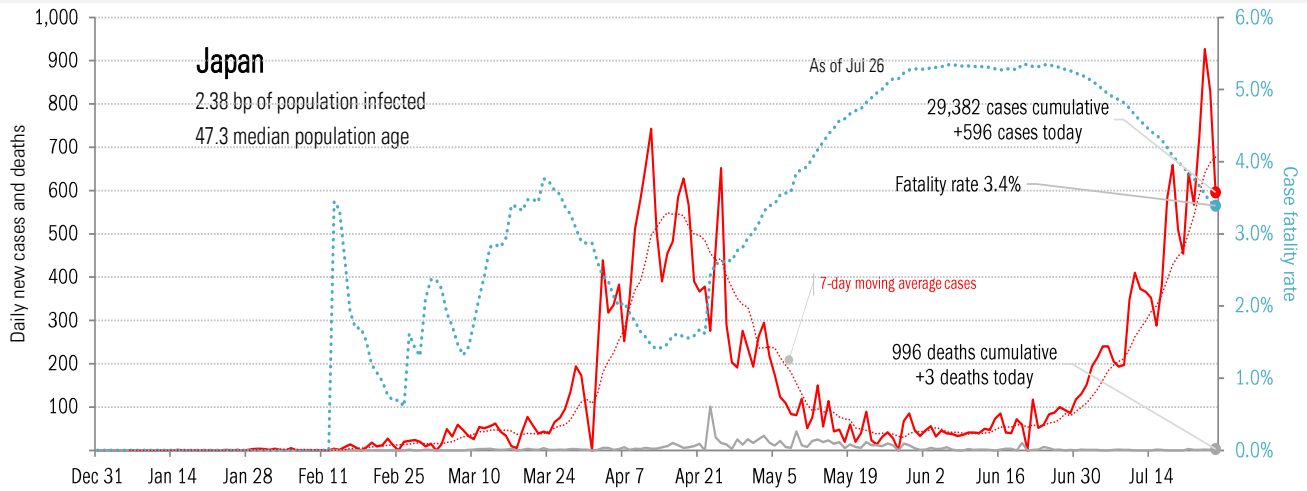
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



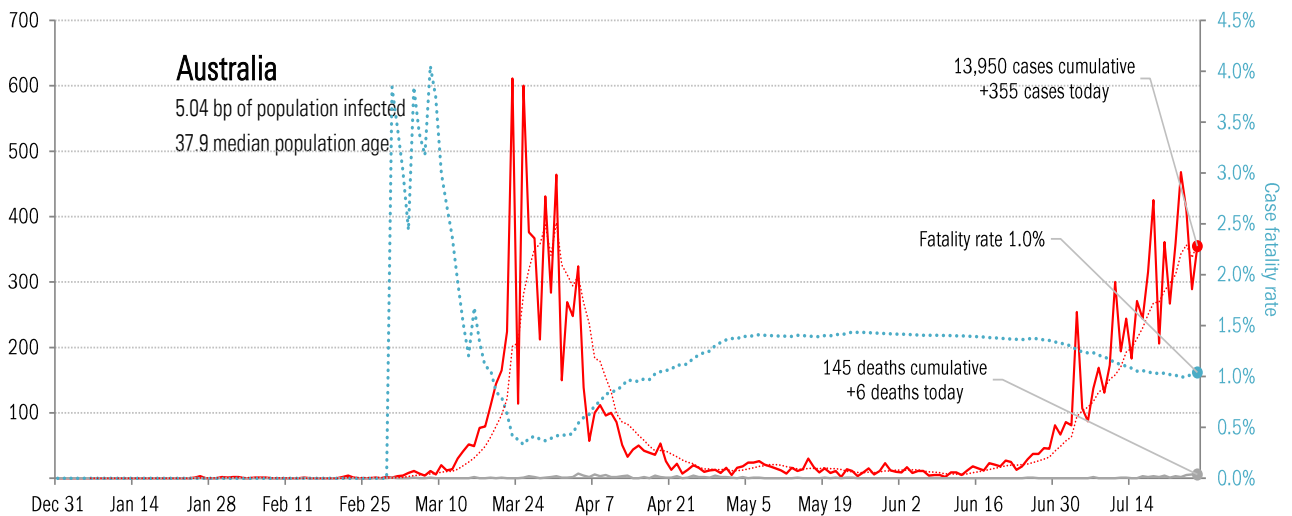
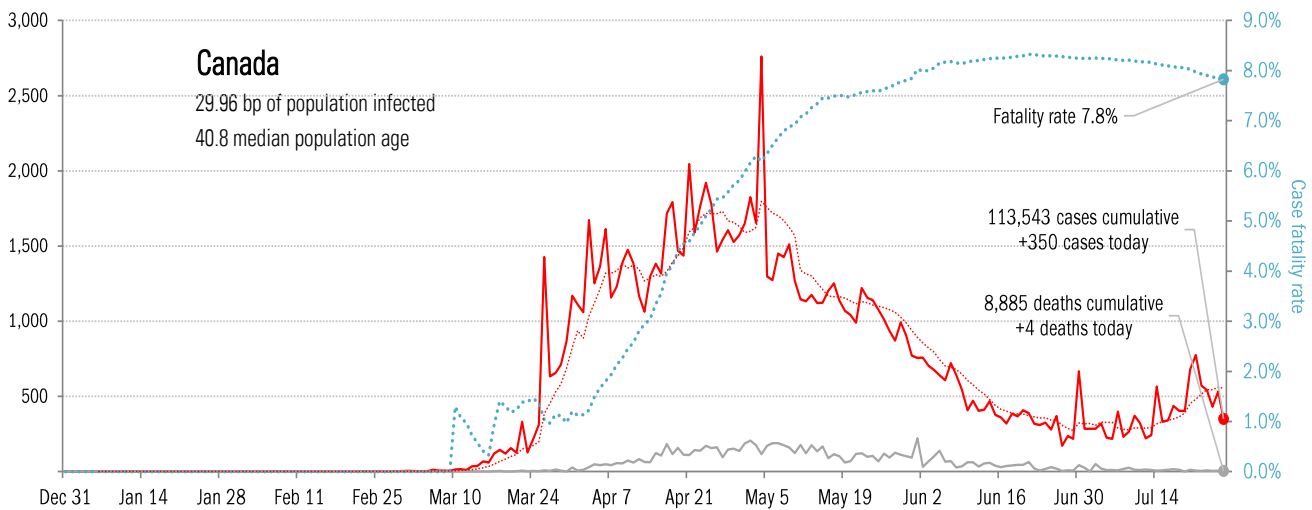
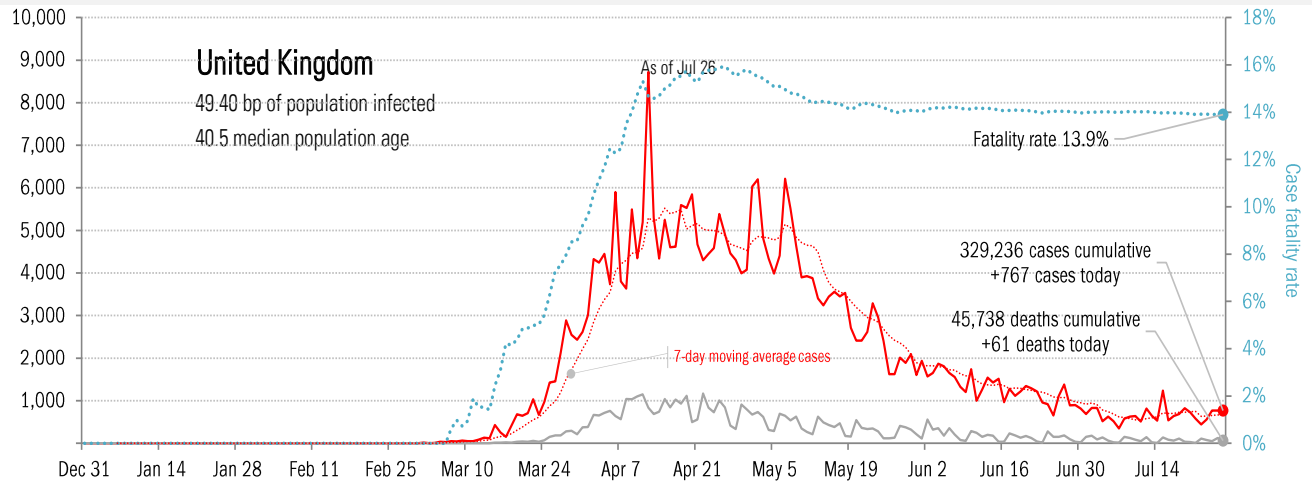
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



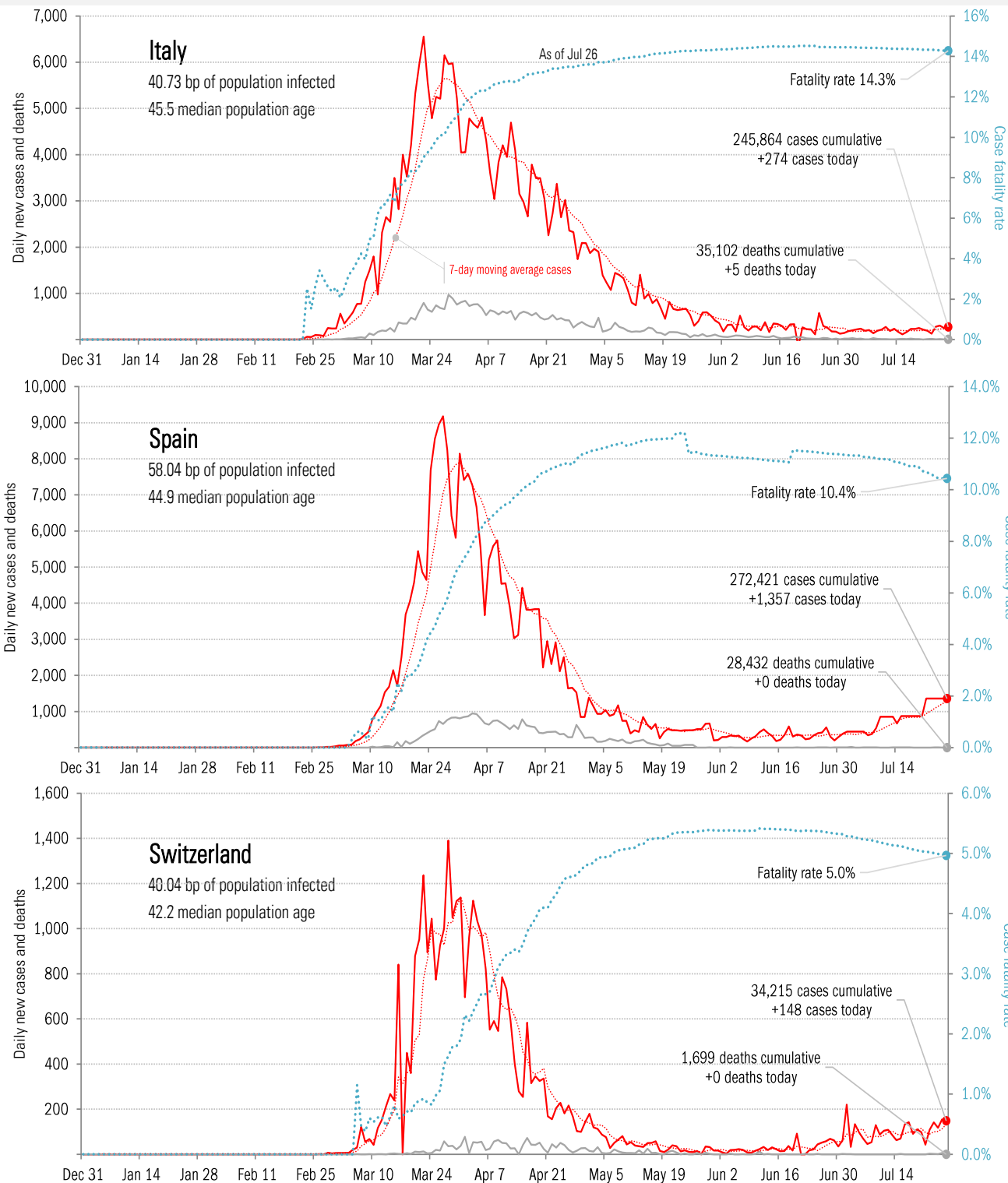
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



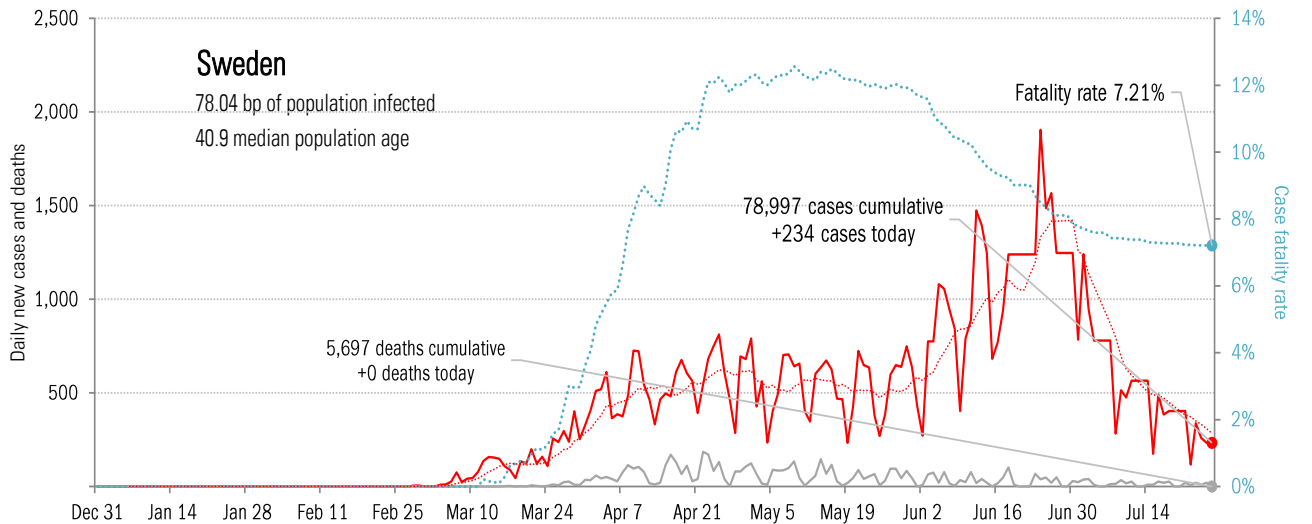
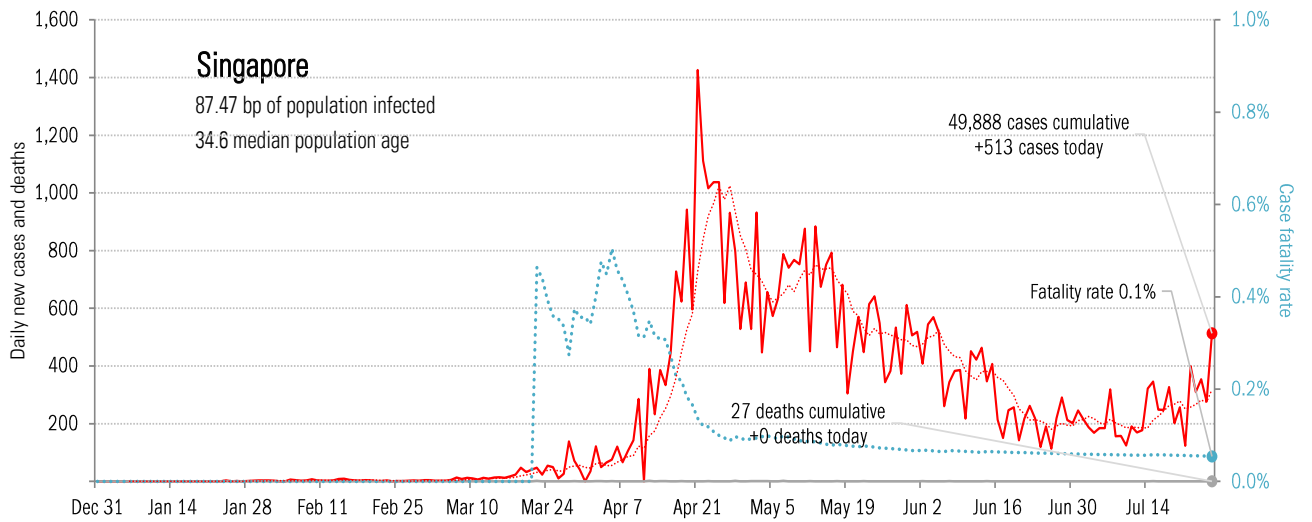
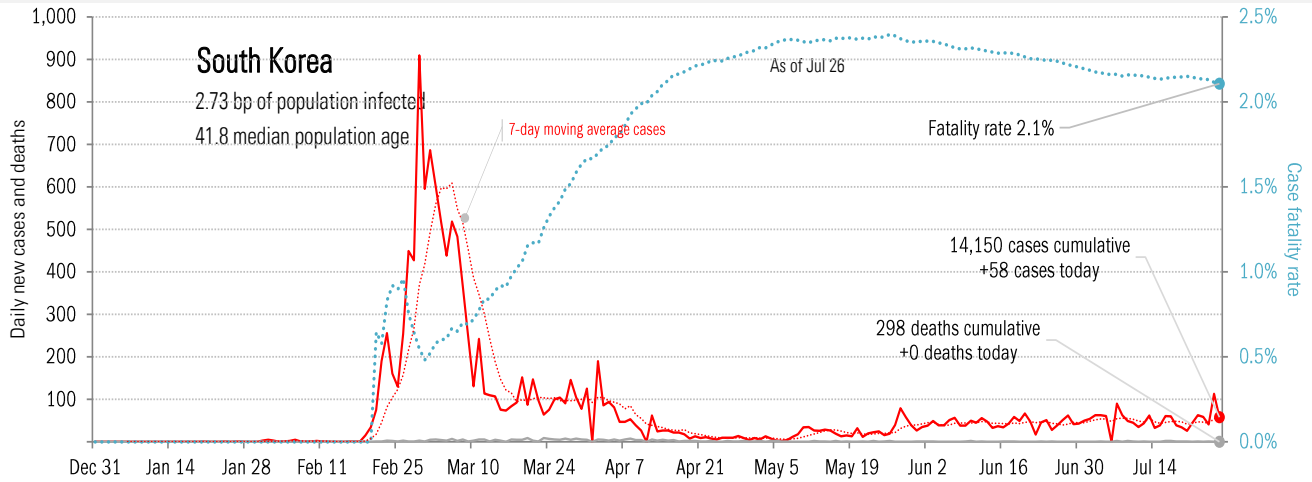
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



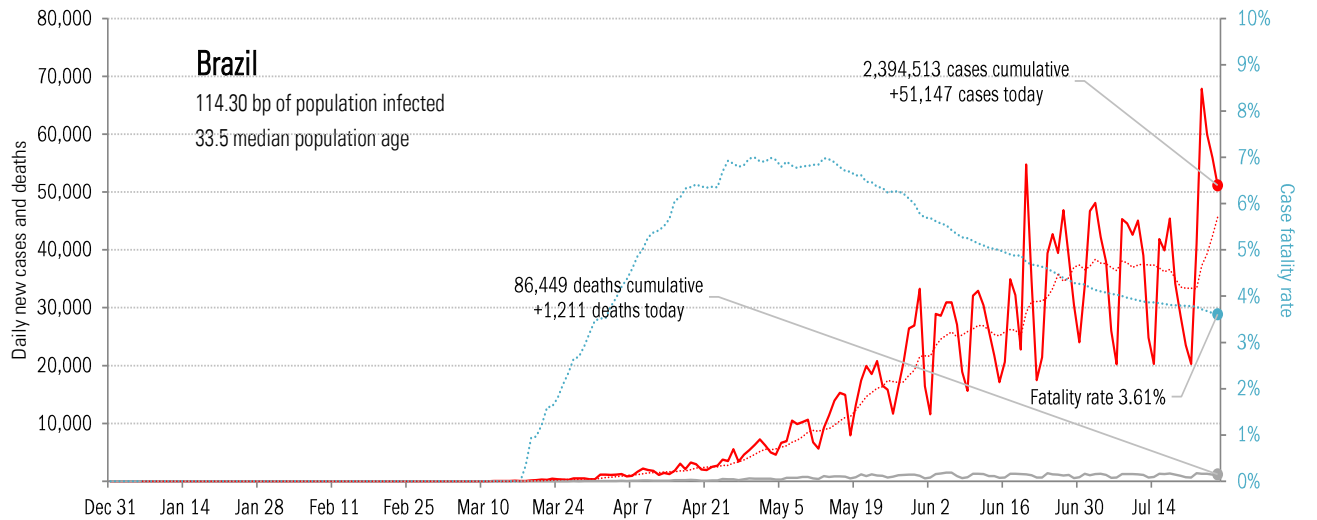
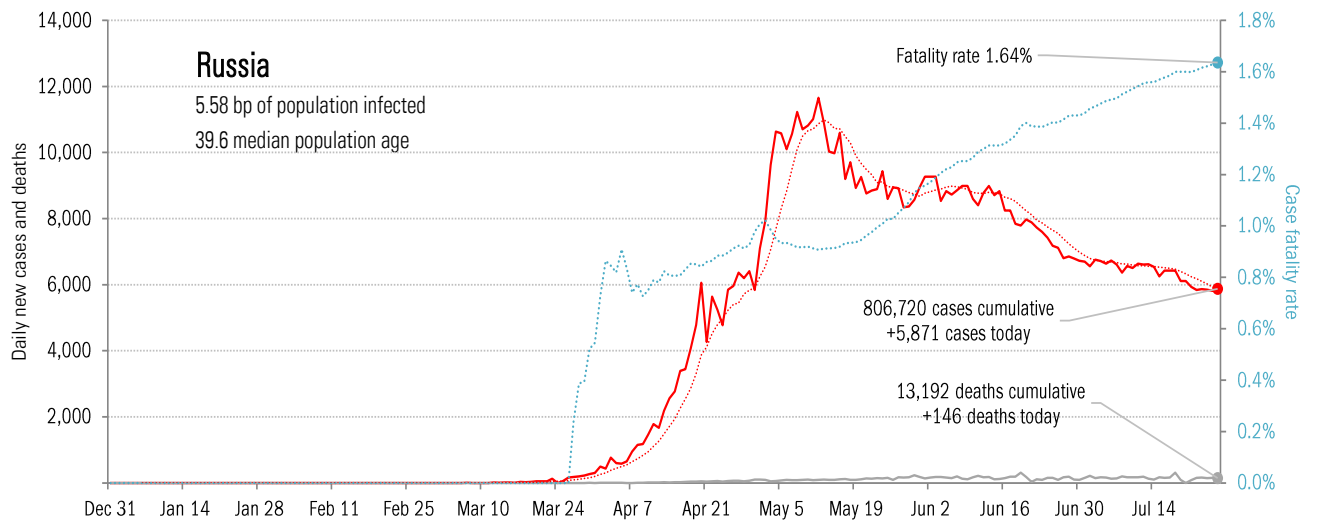
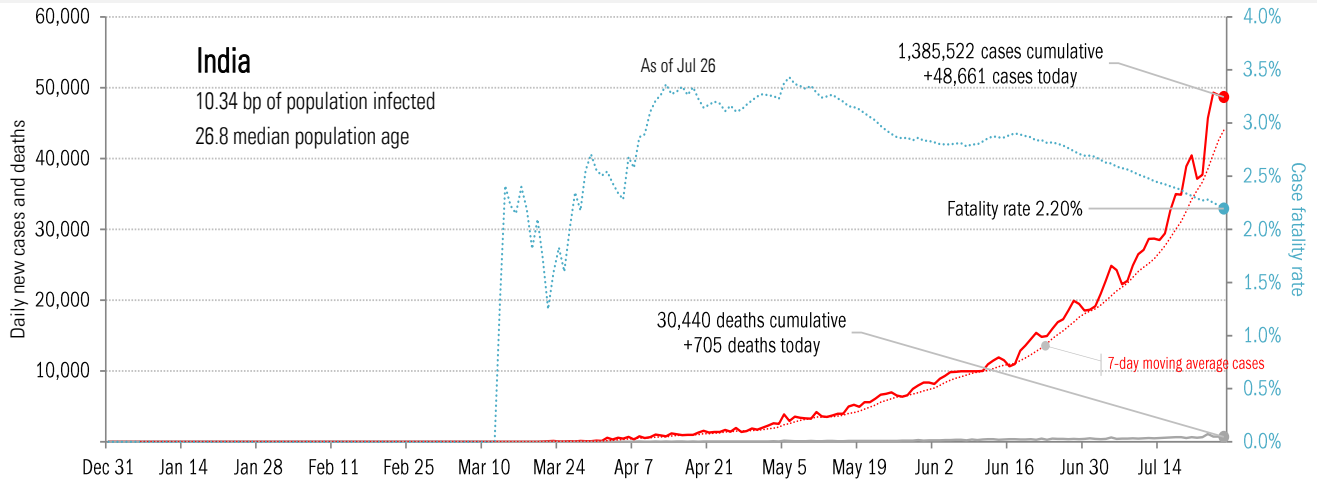
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



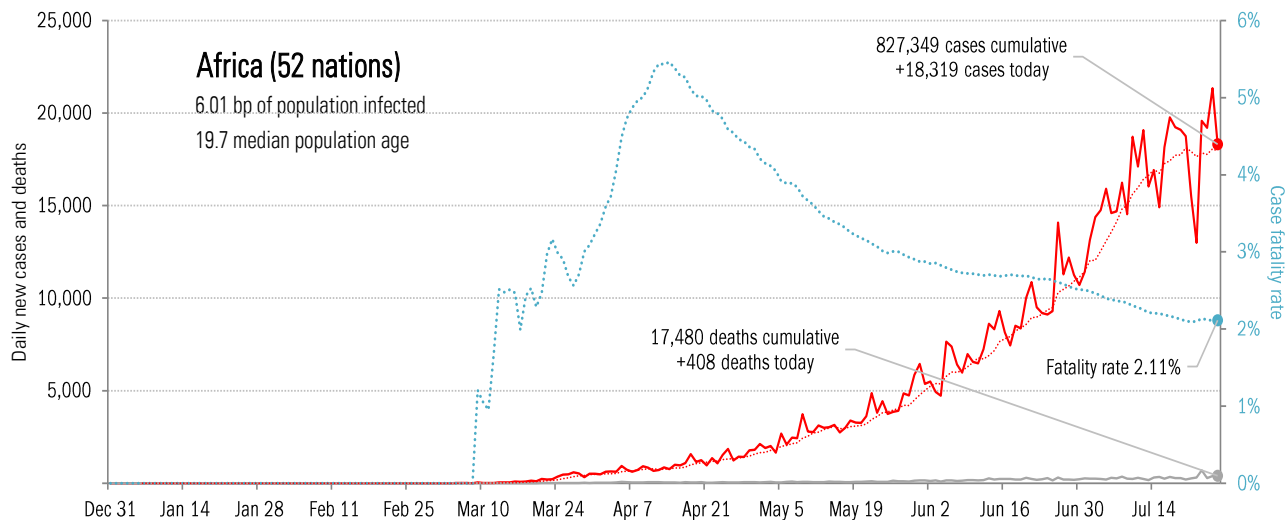
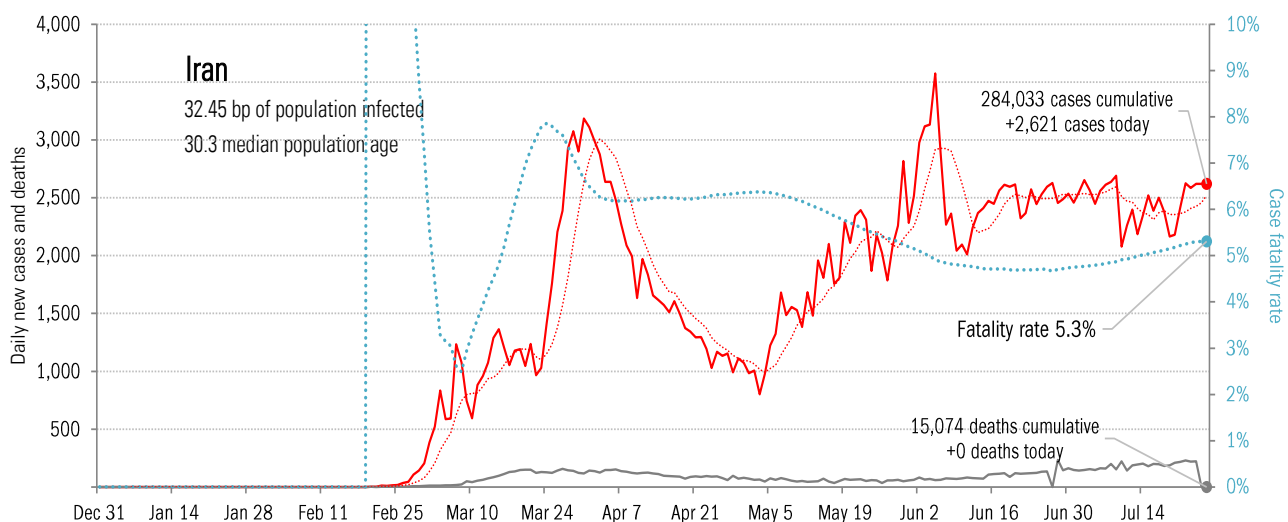
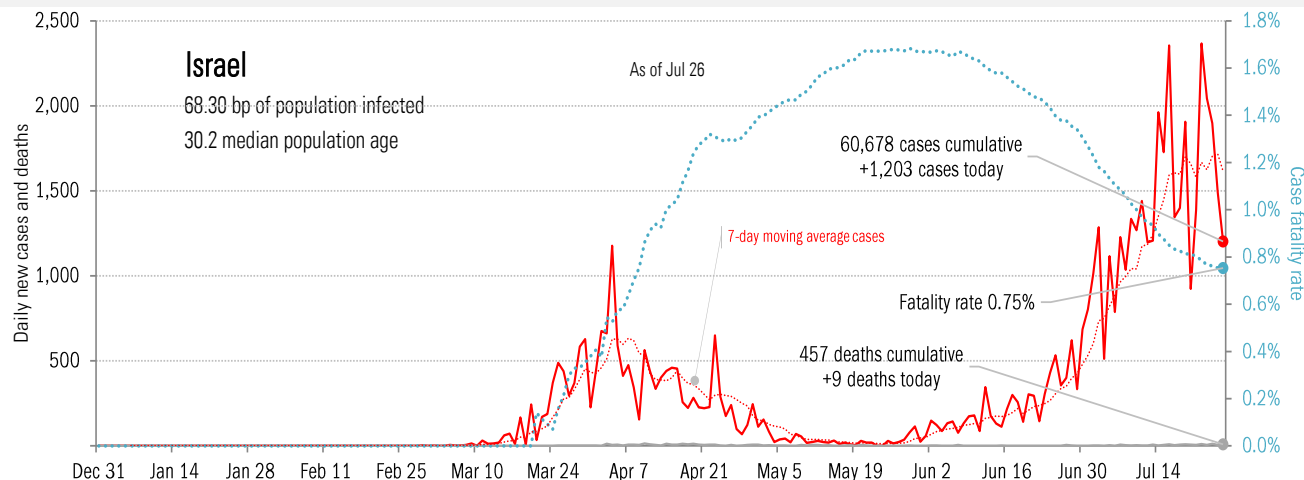
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations