

Data Insights: Covid-2019 Monitor

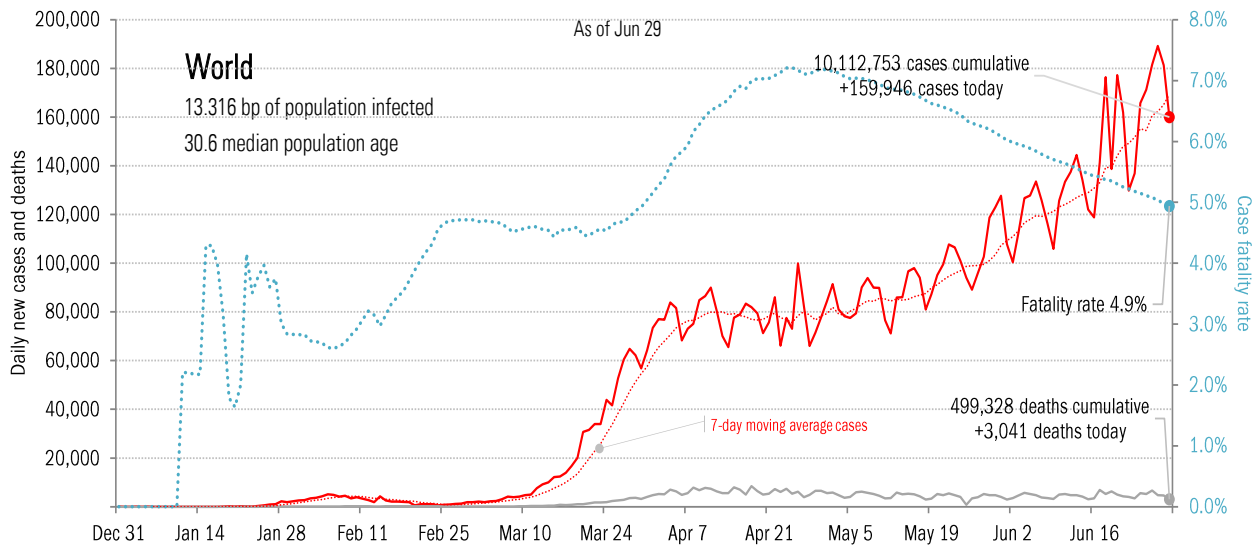
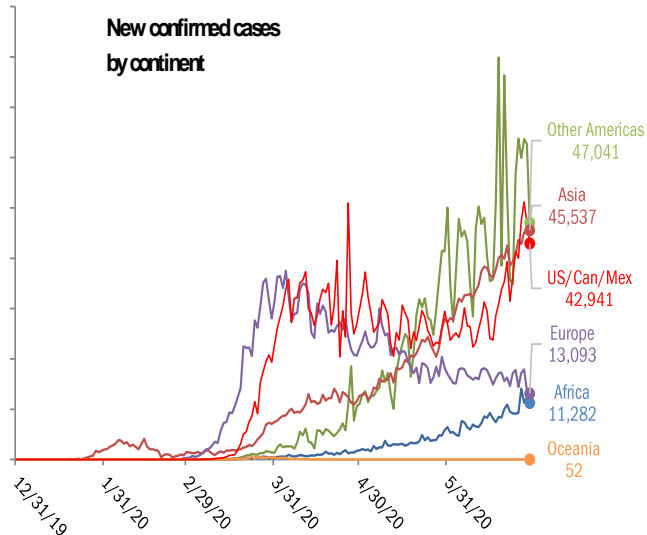
Monday, June 29, 2020

The global scorecard

The worst ten countries

New cases		New Deaths	
US	+38,673	Brazil	+552
Brazil	+30,476	India	+380
India	+19,459	Mexico	+267
Russia	+6,791	US	+265
South_Africa	+6,334	Peru	+182
Chile	+4,216	Colombia	+167
Mexico	+4,050	Chile	+162
Saudi	+3,989	Iran	+144
Bangladesh	+3,809	Russia	+104
Pakistan	+3,557	Iraq	+96
+121,354		+2,319	
World	+159,946	World	+3,041
Top ten	76%	Top ten	76%

New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

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The US scorecard

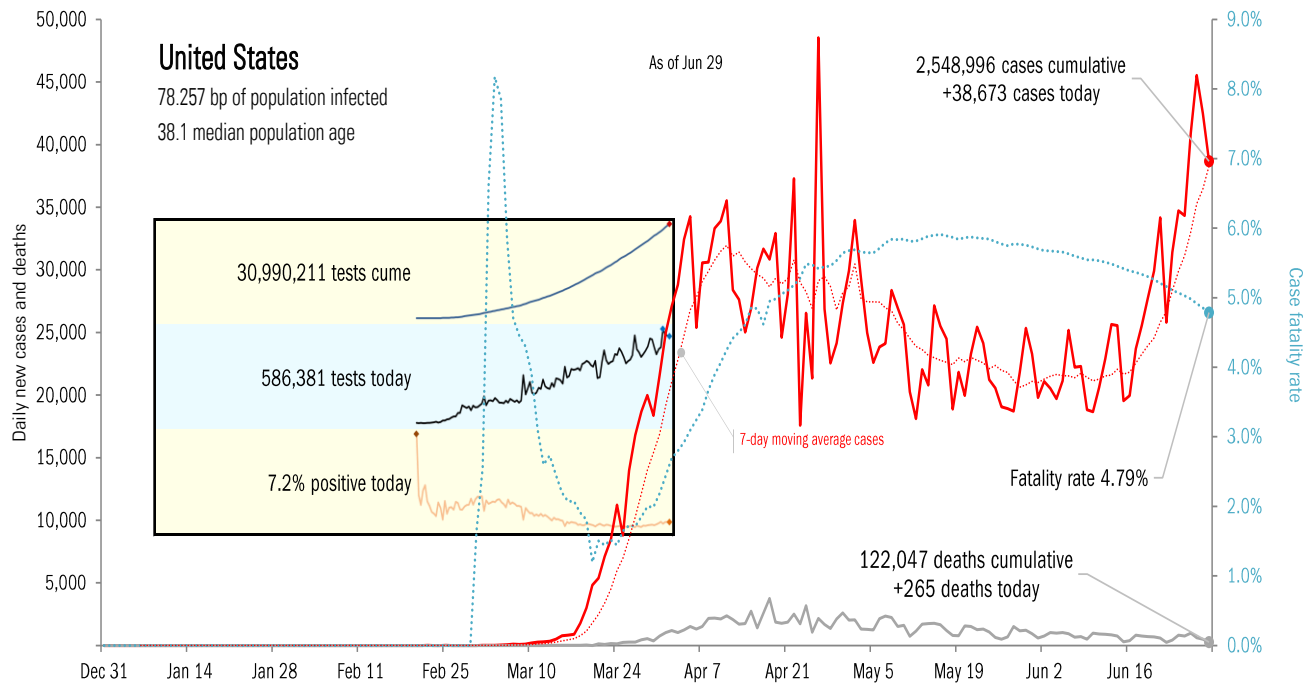
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+8,530	CA	+33	FL	+108	NY	392,539	NY	24,835	NY	89,995
TX	+5,357	FL	+29	OH	+57	CA	211,243	NJ	14,975	NJ	19,841
CA	+4,810	NJ	+27	WA	+46	NJ	171,182	MA	8,060	FL	14,540
AZ	+3,857	TX	+27	MD	+42	TX	148,728	IL	7,089	MA	11,319
GA	+2,225	MA	+19	AR	+36	IL	142,776	PA	6,579	MD	10,793
NC	+1,605	IL	+15	VA	+36	FL	141,075	MI	6,158	GA	10,711
LA	+1,467	MD	+11	UT	+31	MA	108,667	CA	5,905	CT	10,268
SC	+1,381	AR	+10	MN	+24	PA	85,496	CT	4,316	VA	8,823
PA	+1,126	NC	+10	MS	+24	GA	77,210	FL	3,518	CH	7,681
CH	+854	AZ	+9	NM	+23	AZ	73,908	LA	3,199	IN	7,003
+31,212		+190		+427		1,552,824		84,634		190,974	
All states	+42,161	All states	+273	All states	+580	All states	2,540,983	All states	119,429	All states	240,156
Top ten	74%	Top ten	70%	Top ten	74%	Top ten	61%	Top ten	71%	Top ten	80%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-1,162	AZ	-35	TN	-66	TX	+1,726
FL	-1,055	CA	-27	GA	-62	PA	+878
TN	-728	IN	-18	AZ	-59	AR	+486
AL	-542	VA	-16	NJ	-53	MIN	+408
TX	-330	TX	-15	FL	-43	NE	+355



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

Recommended reading

[Covid Comparisons, Europe and U.S.](#)

Wall Street Journal

June 28, 2020

[Israel invents one-minute coronavirus breath test](#)

Australian Jewish News

May 28, 2020

[Nobel prize winning scientist Prof Michael Levitt: lockdown is a “huge mistake”](#)

UnHerd

May 2, 2020

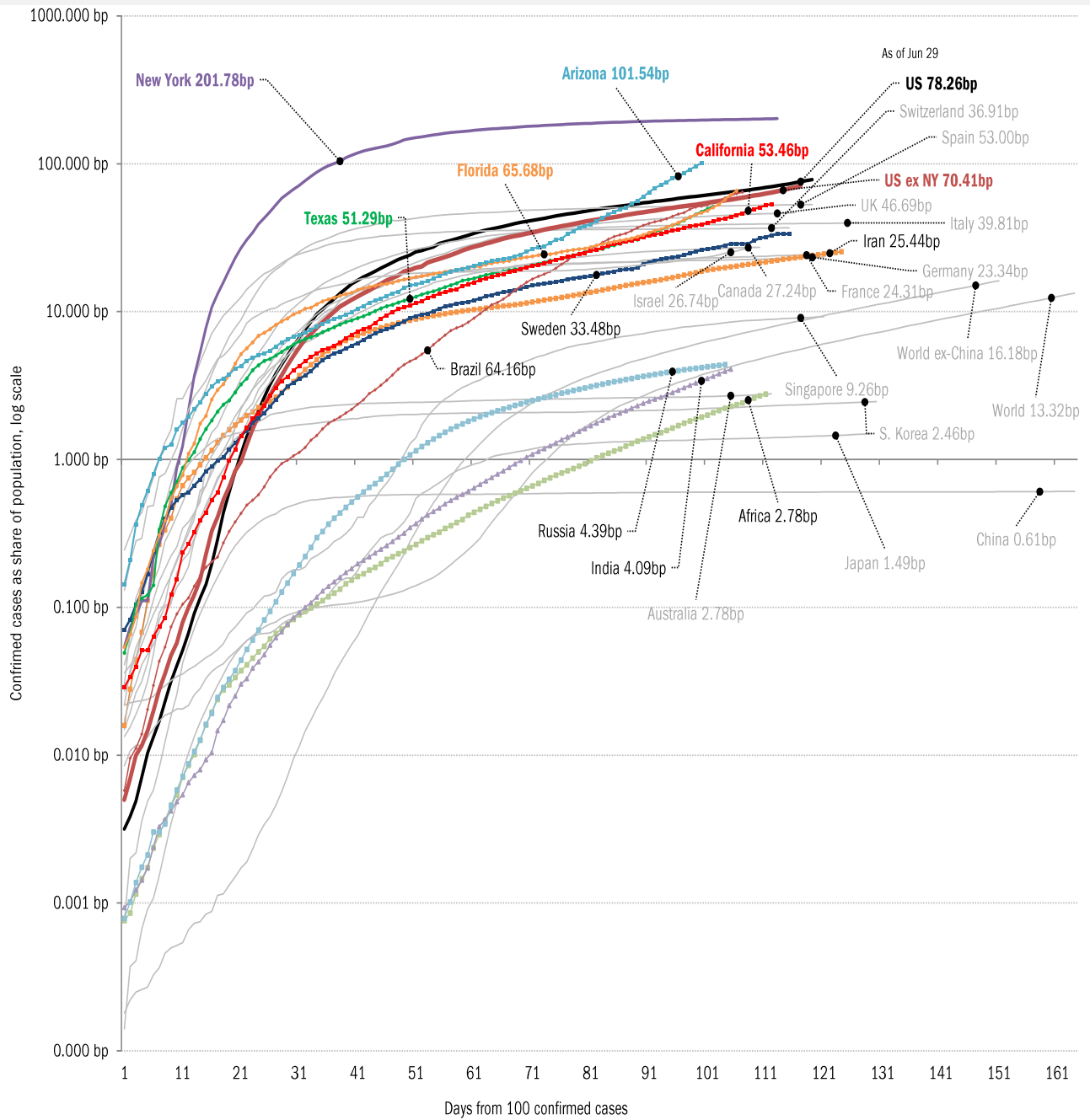
Meme of the day

Covid19 Facts :

The virus can travel 6' it can not travel 6'1 or greater, it can live on all surfaces except anything that comes in the mail from Amazon, it does not live in Target, Walmart, Home Depot, Lowes or any grocery store, it is only deadly in bars, restaurants, small businesses, hair salons and especially churches, and It can not live on your food as long as you get it to go.

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

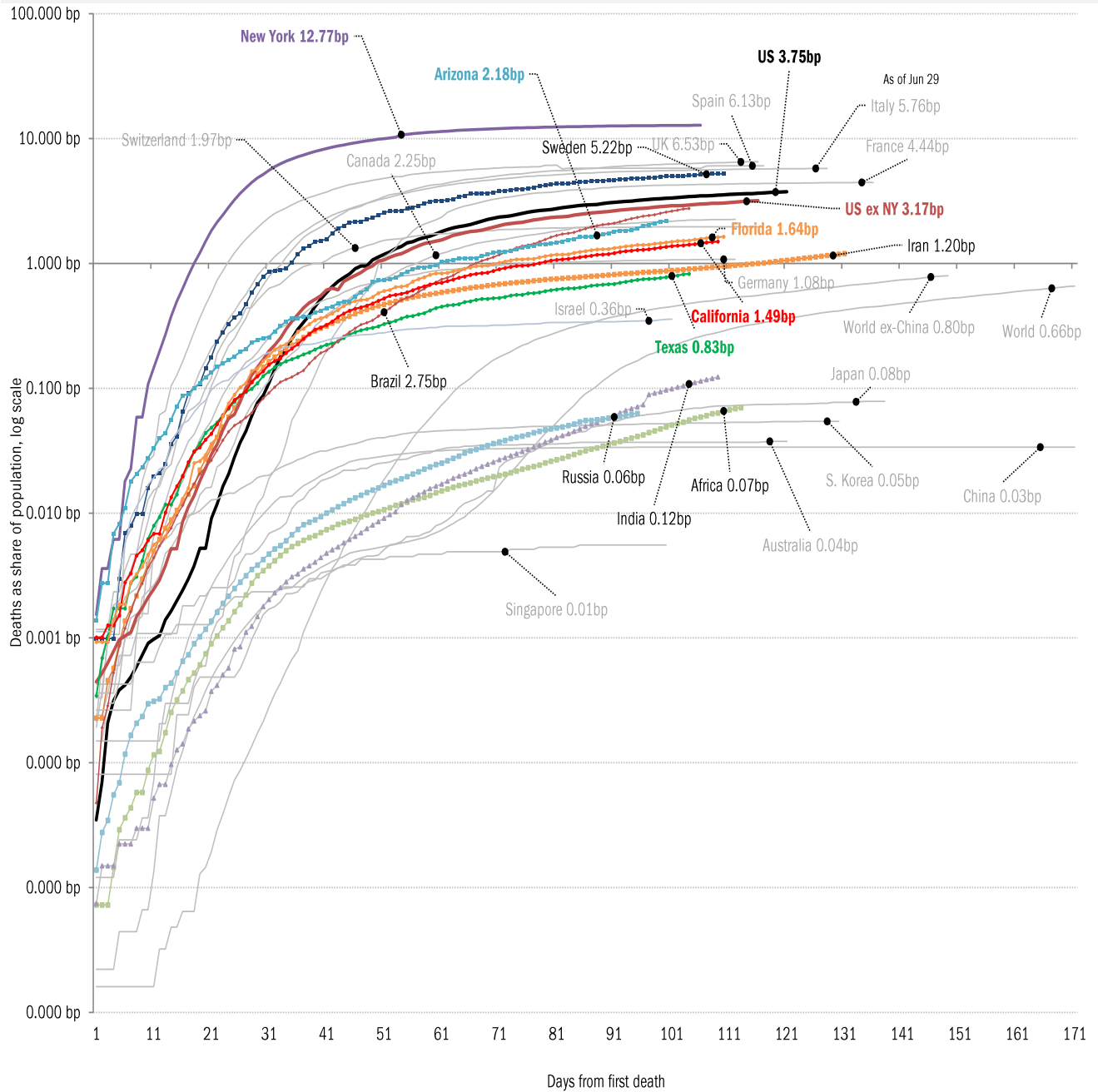
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

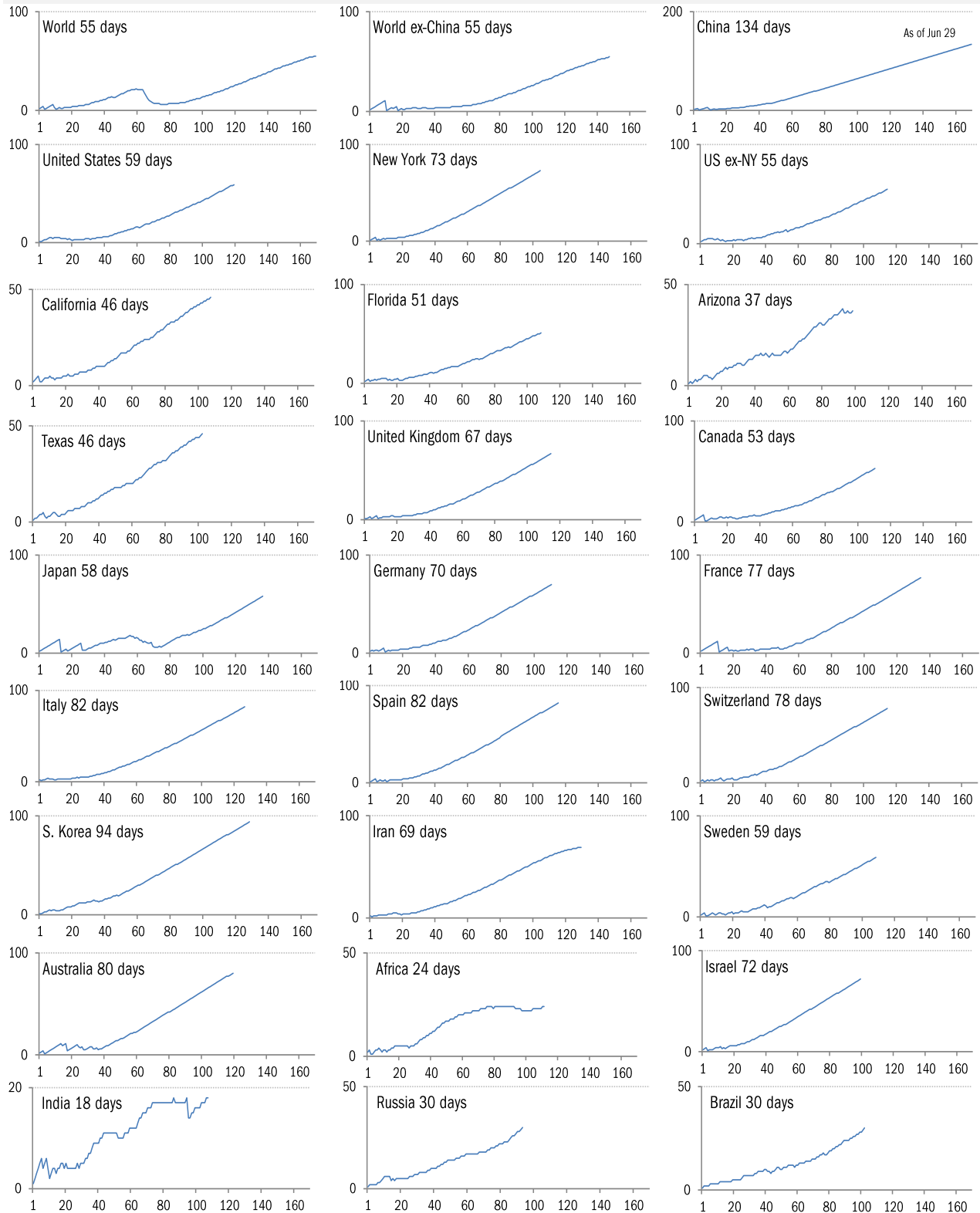
Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

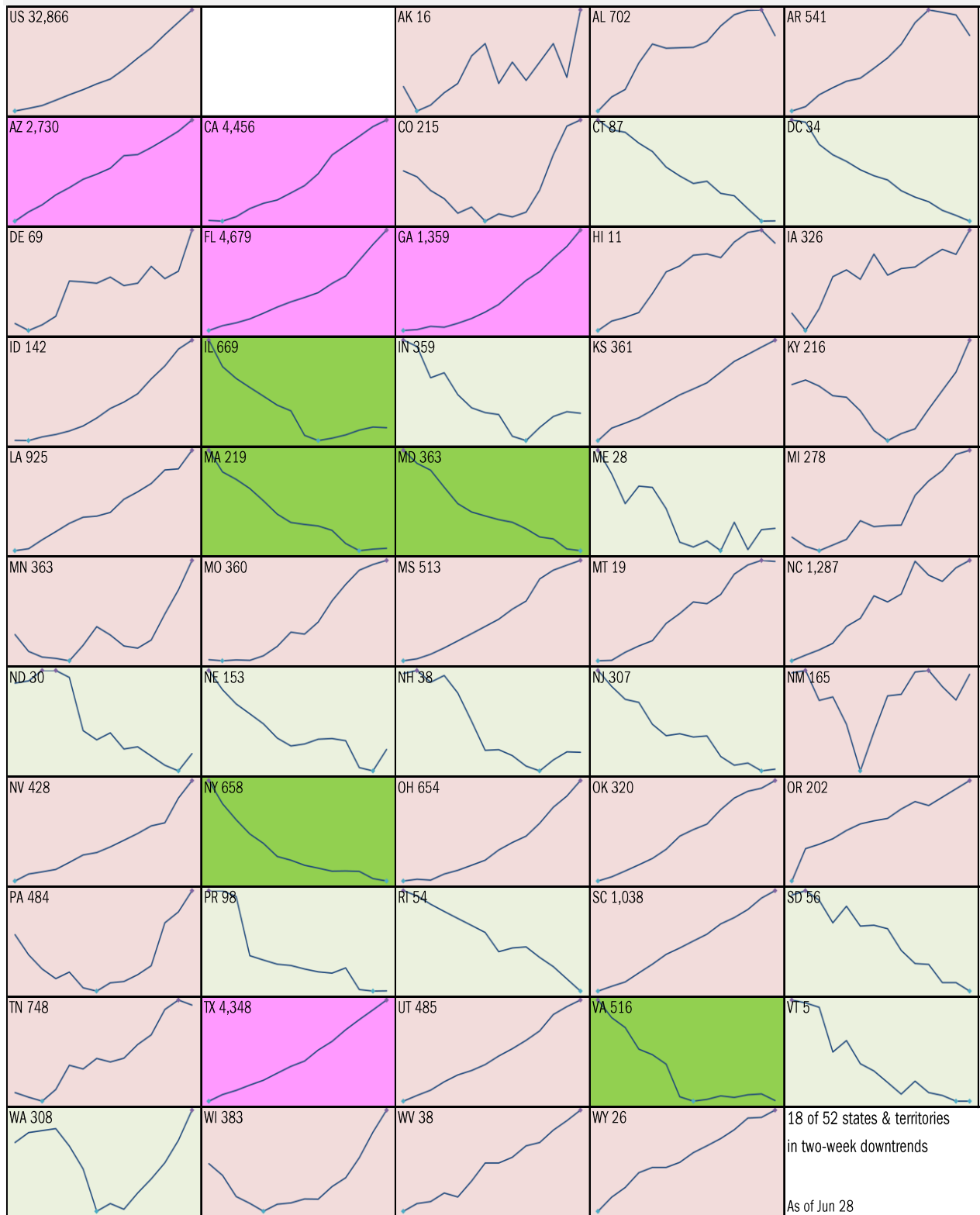
Our most reliable evidence of slowing exponential growth of Covid-2019

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

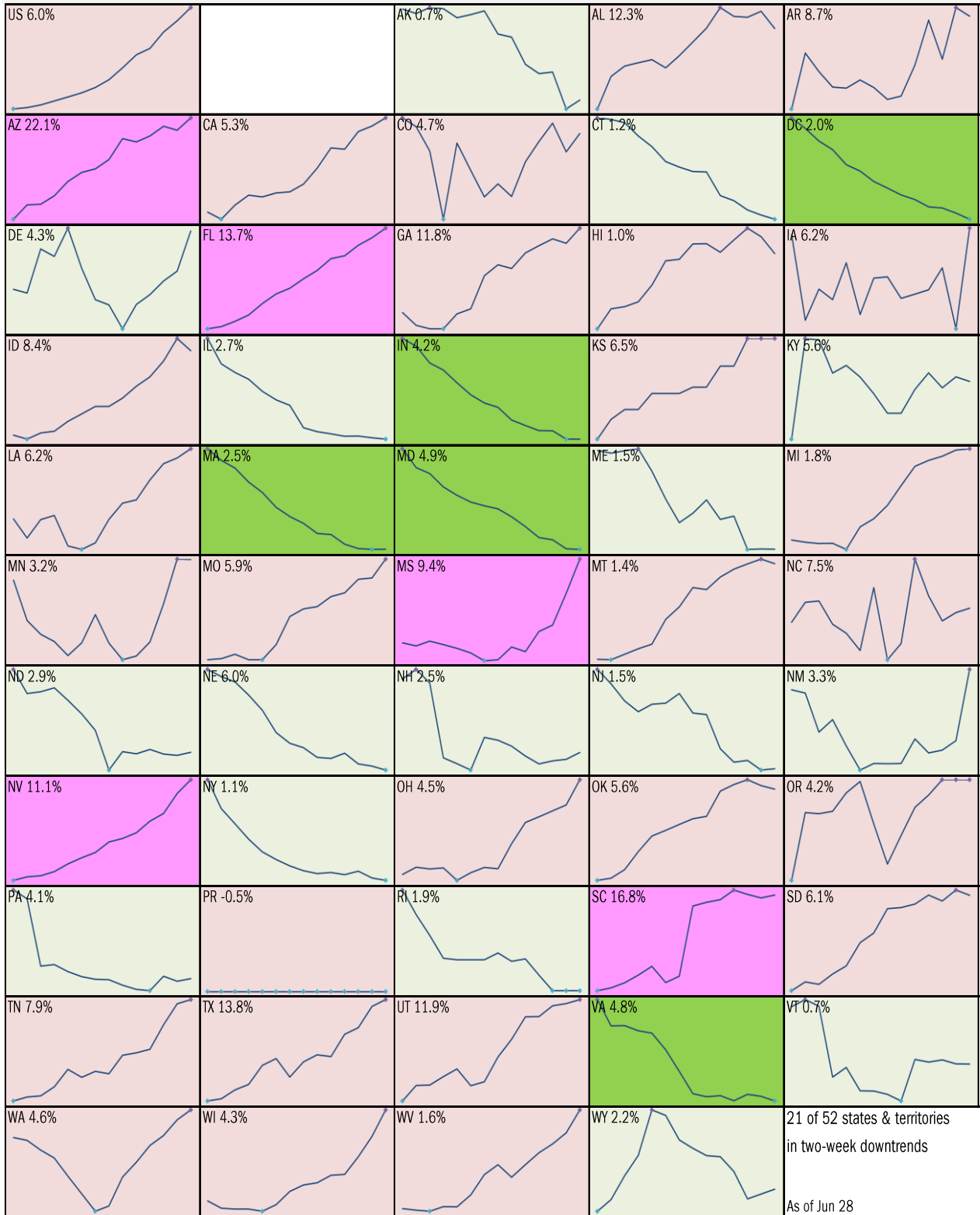


Source: [Covid Tracking Project](#), TrendMacro calculations

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

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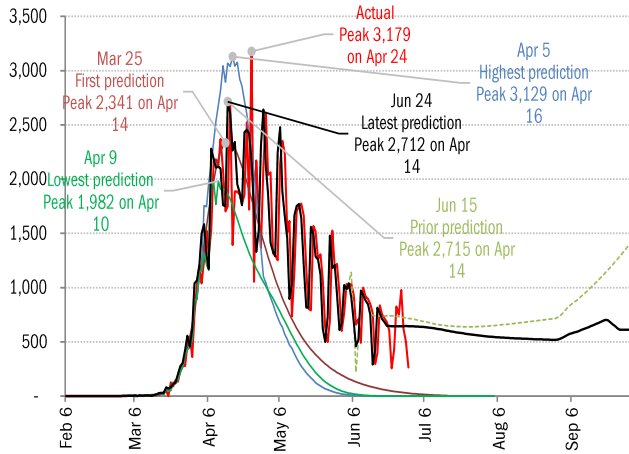
Source: [Covid Tracking Project](#), TrendMacro calculations

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

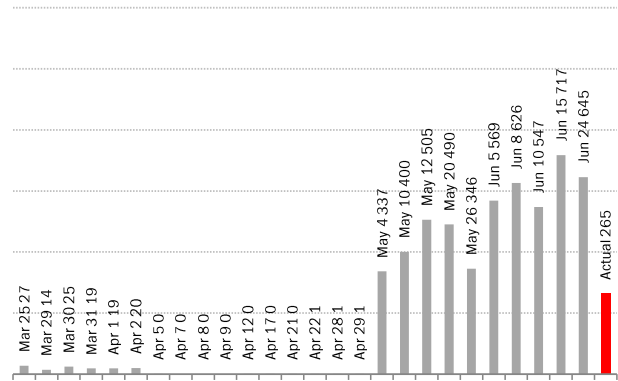
New daily fatalities

As of Jun 29

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

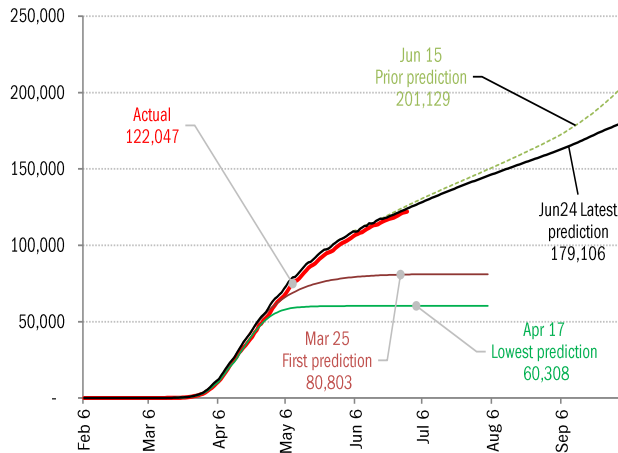


For this day, versus all model mean predictions

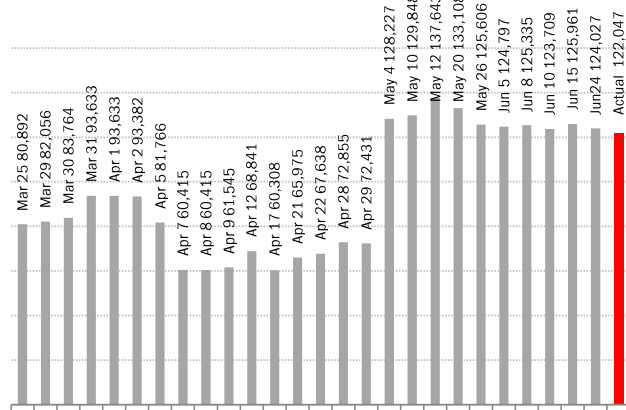


Cumulative fatalities

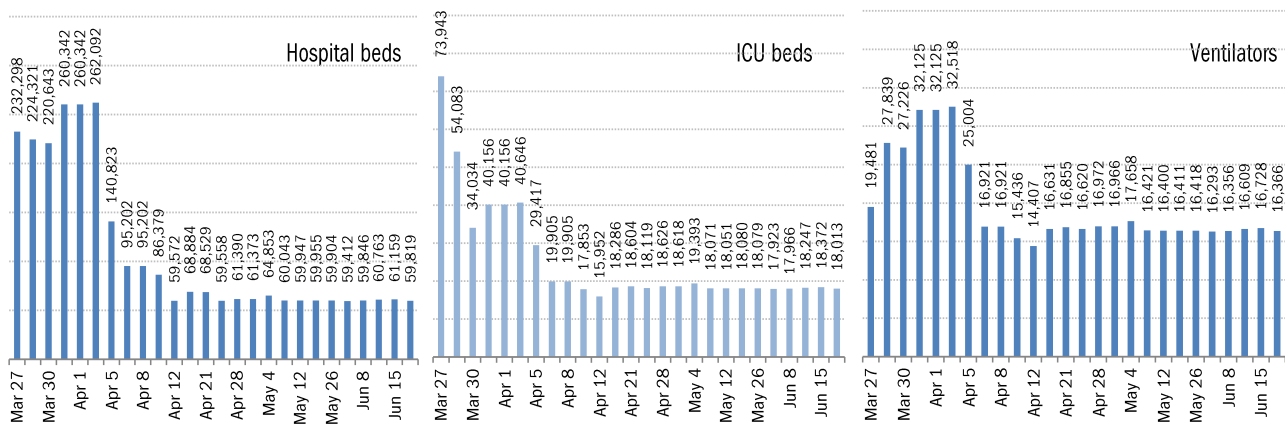
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

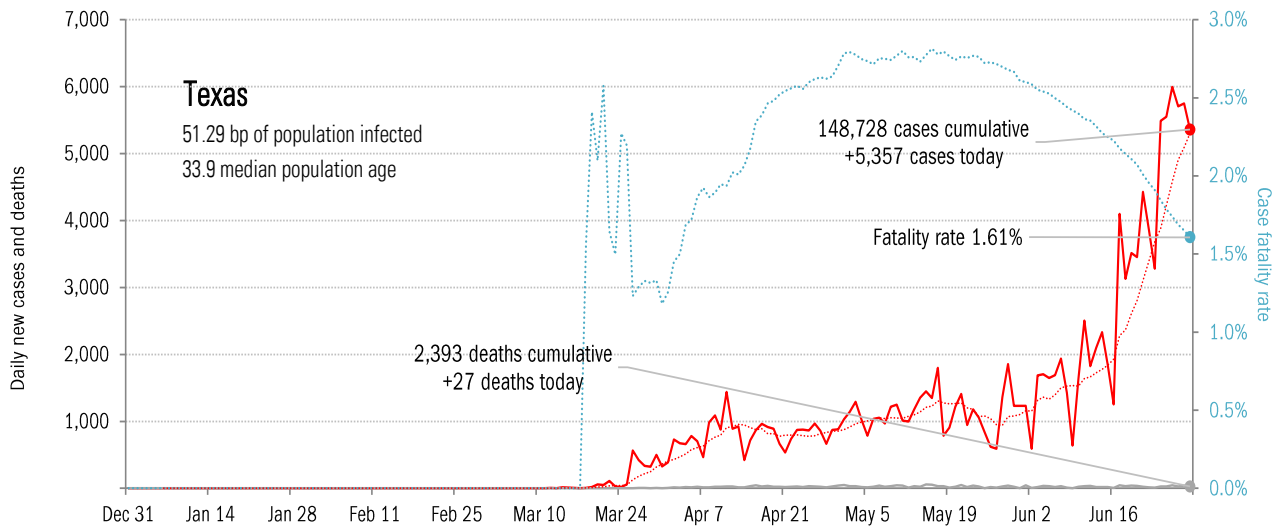
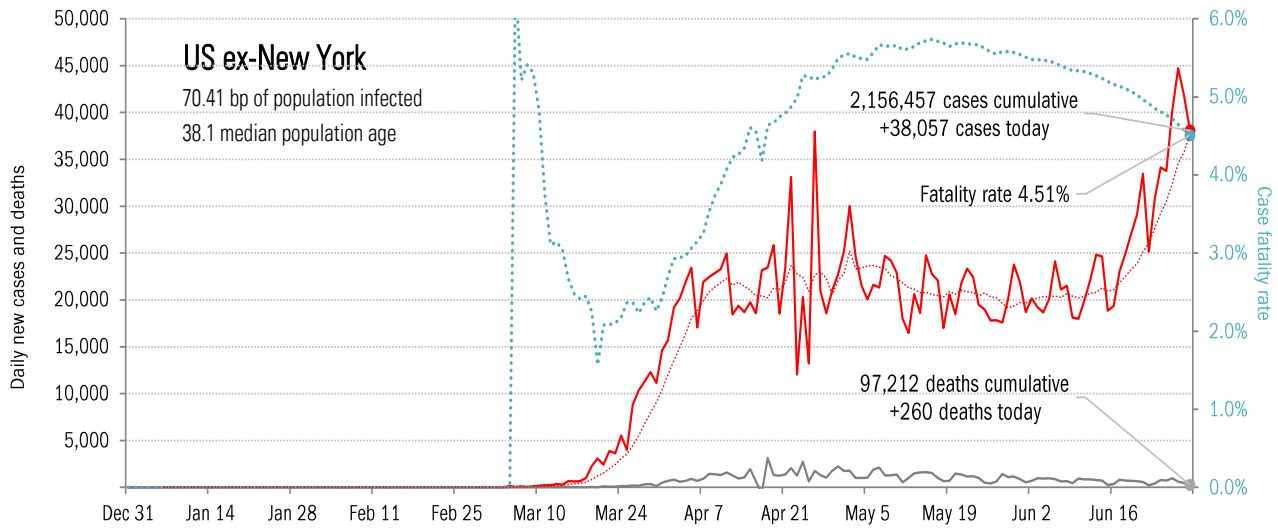
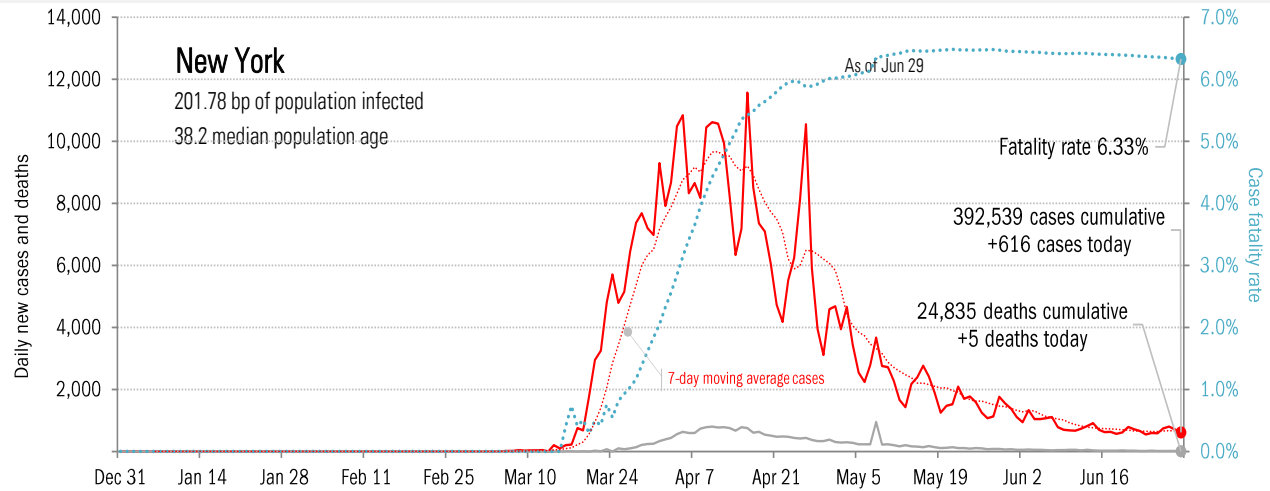


Healthcare system stress, peak estimated at each model revision



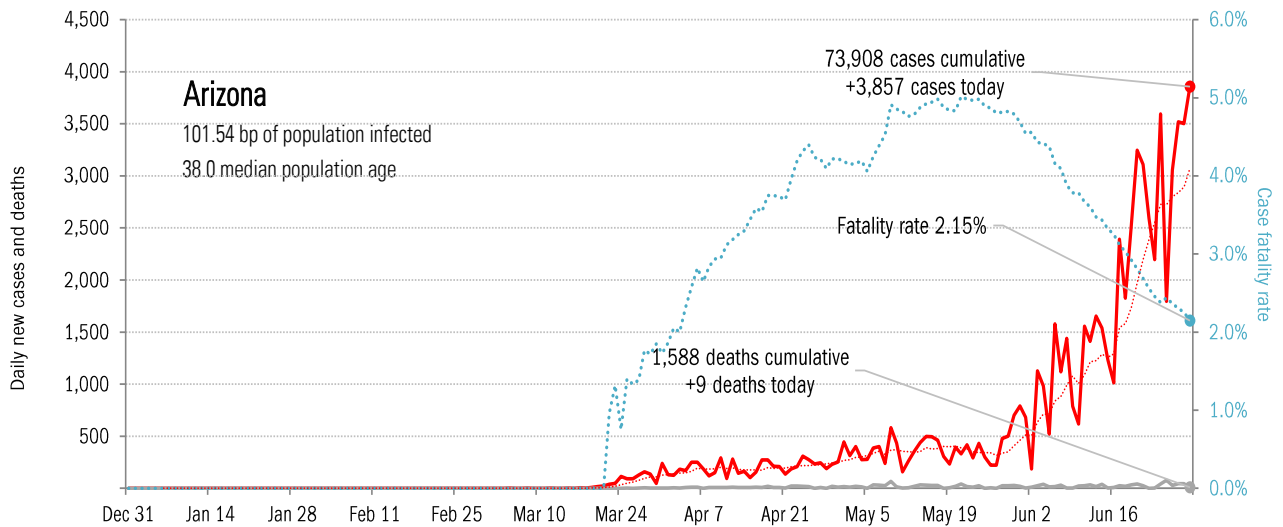
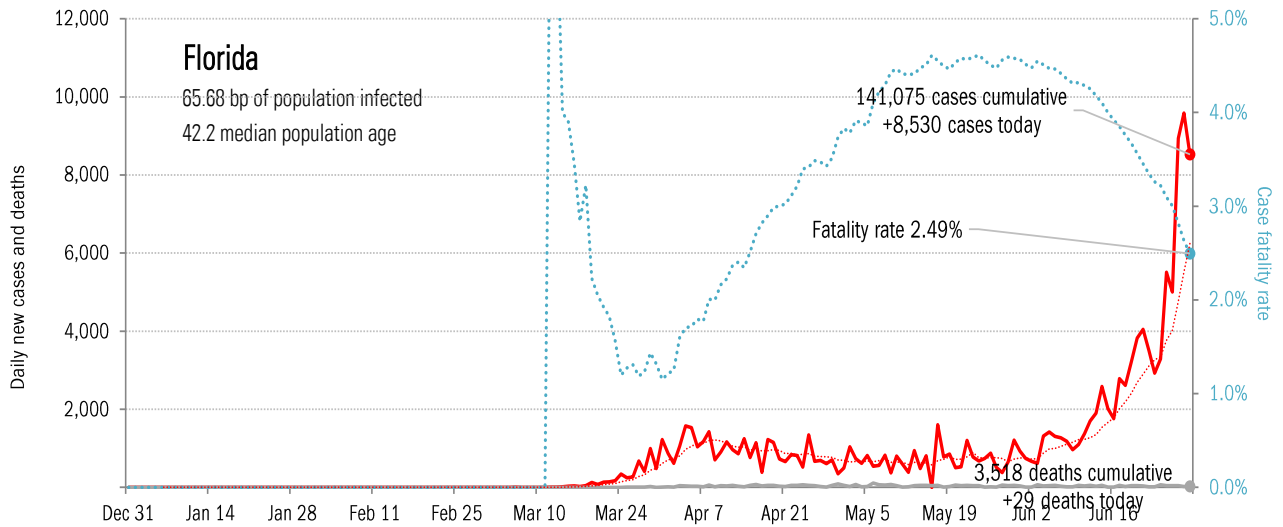
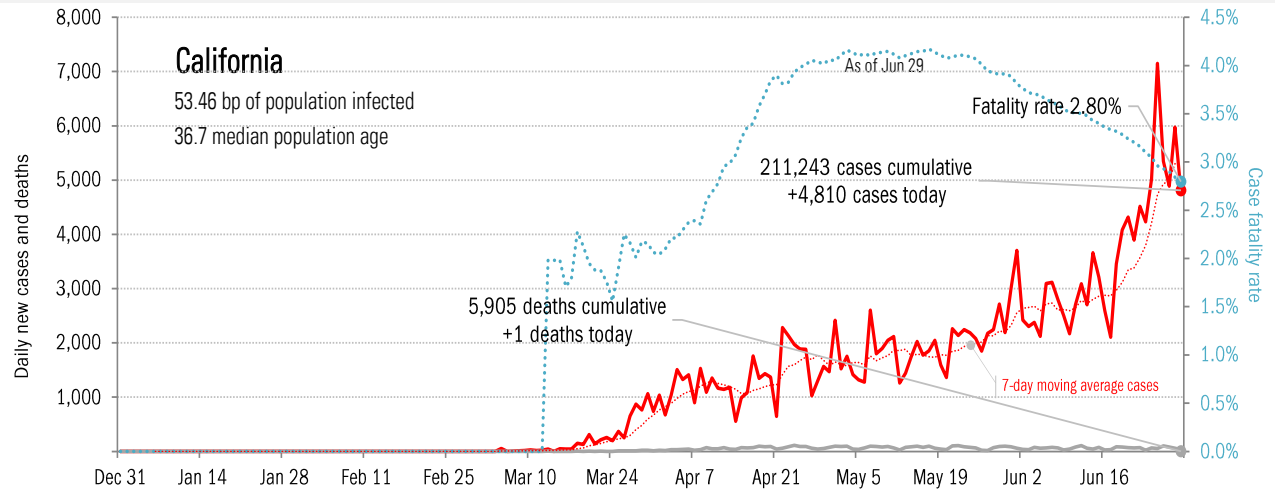
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



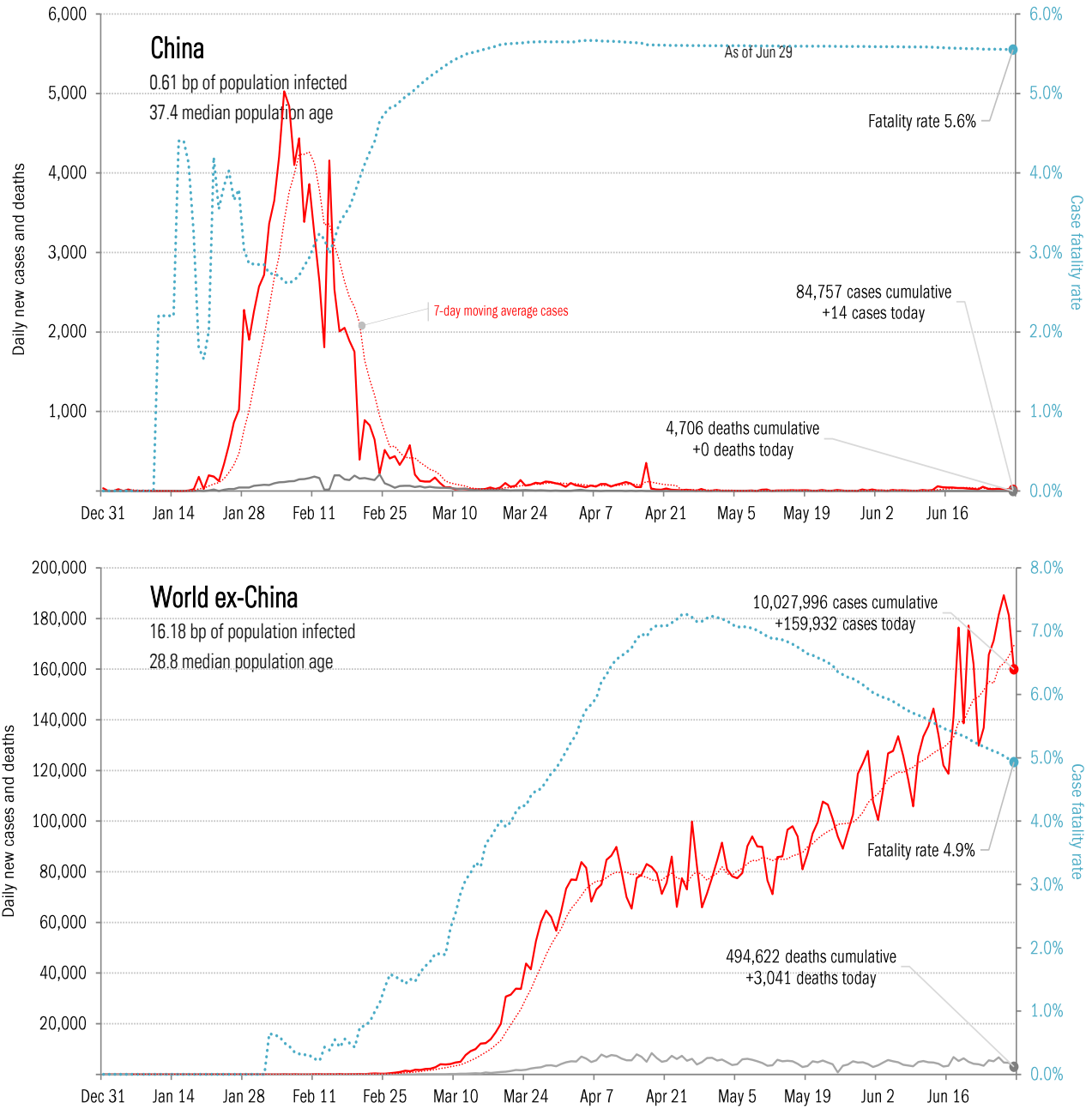
Source: [ECDC](#), TrendMacro calculations

The "second wave" states (other than Texas)



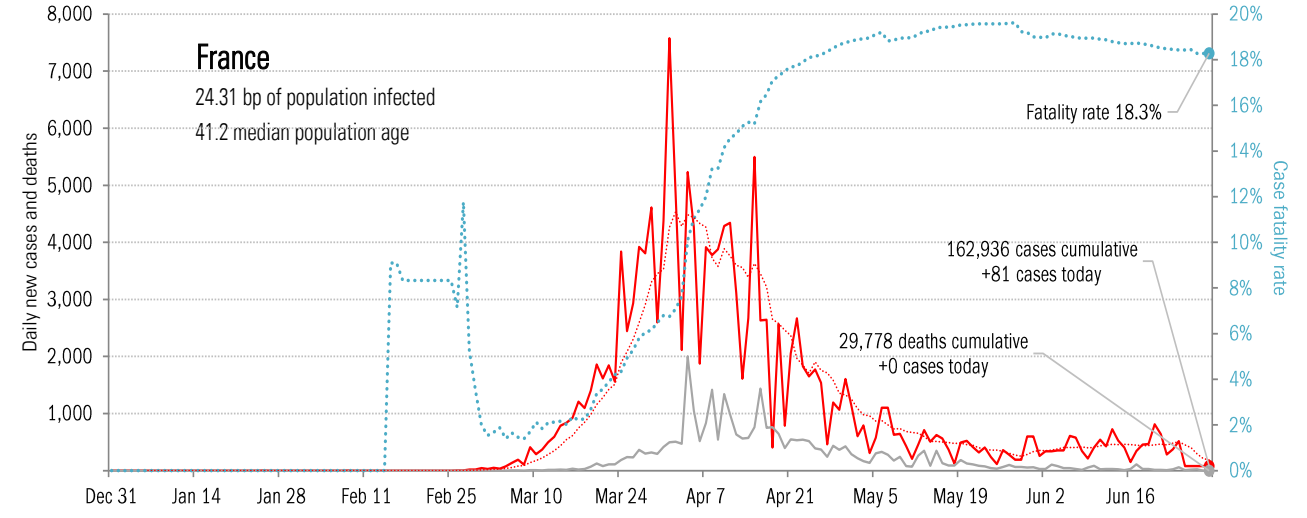
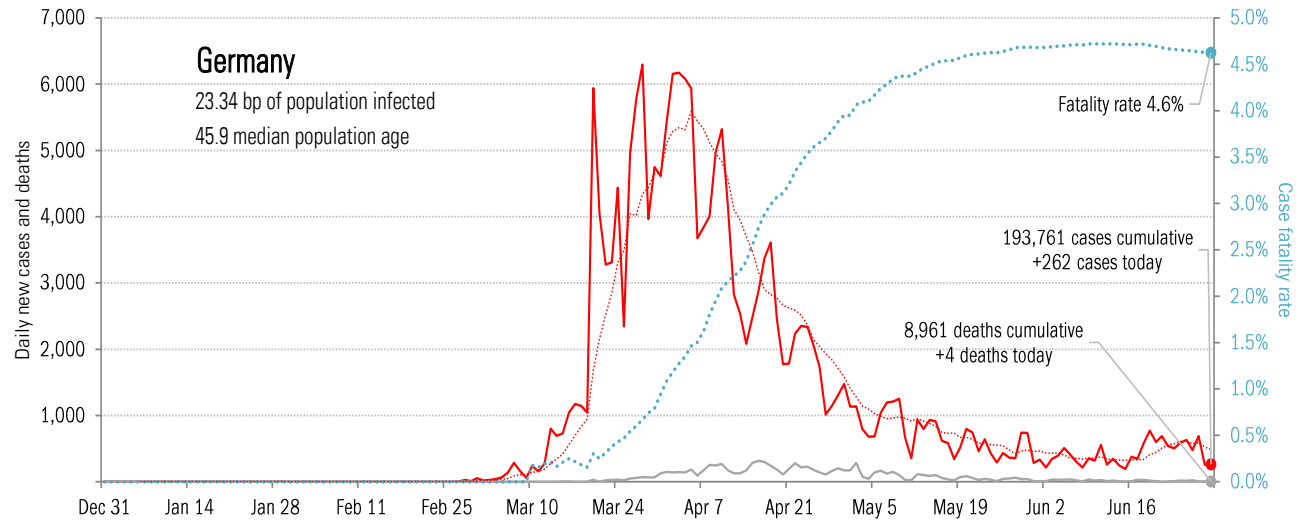
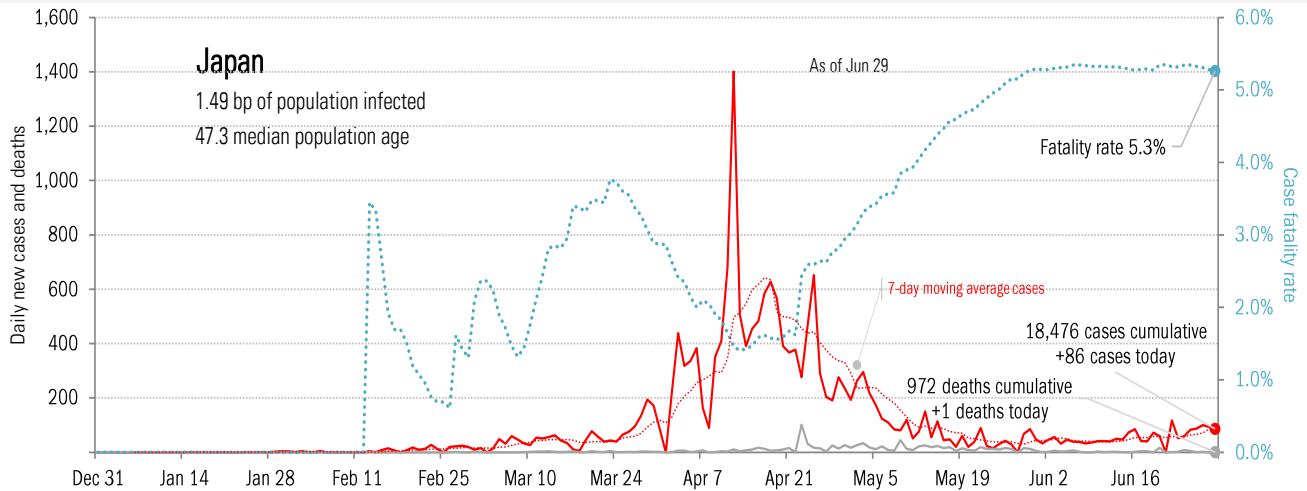
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



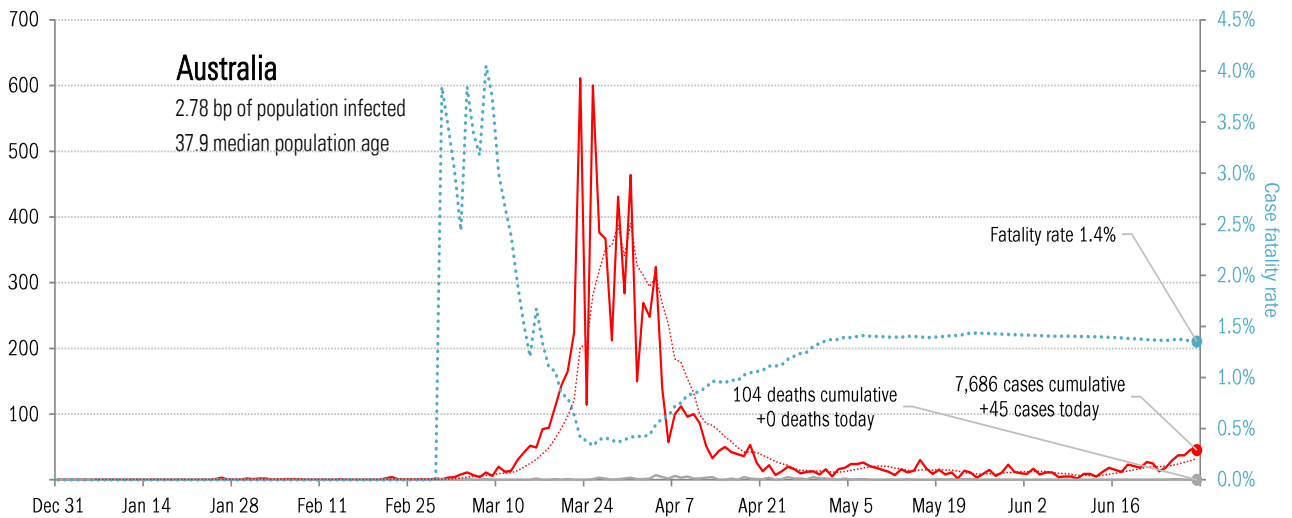
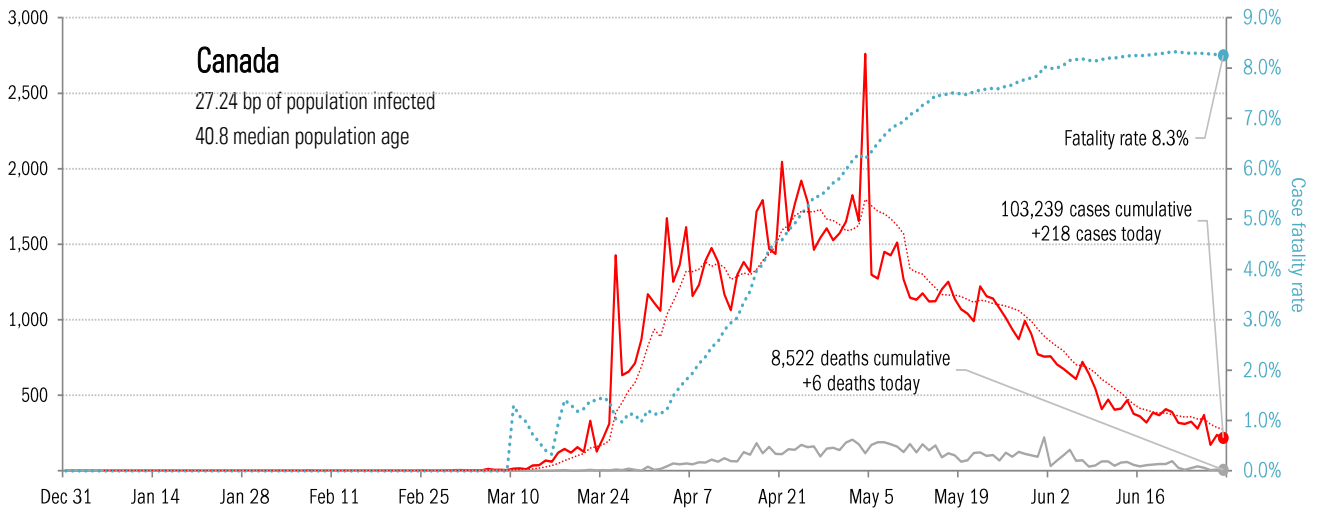
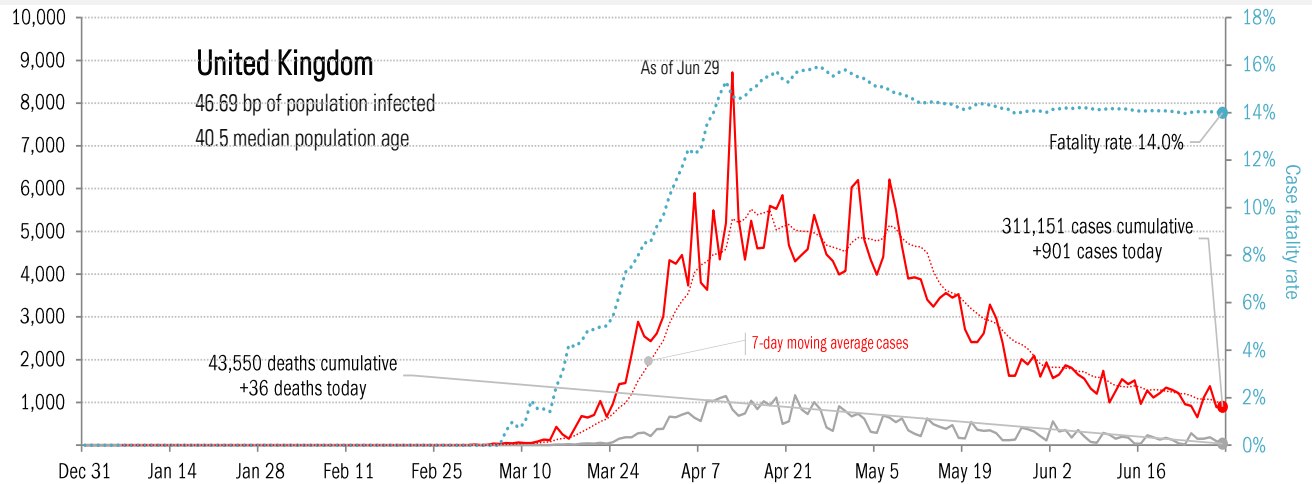
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



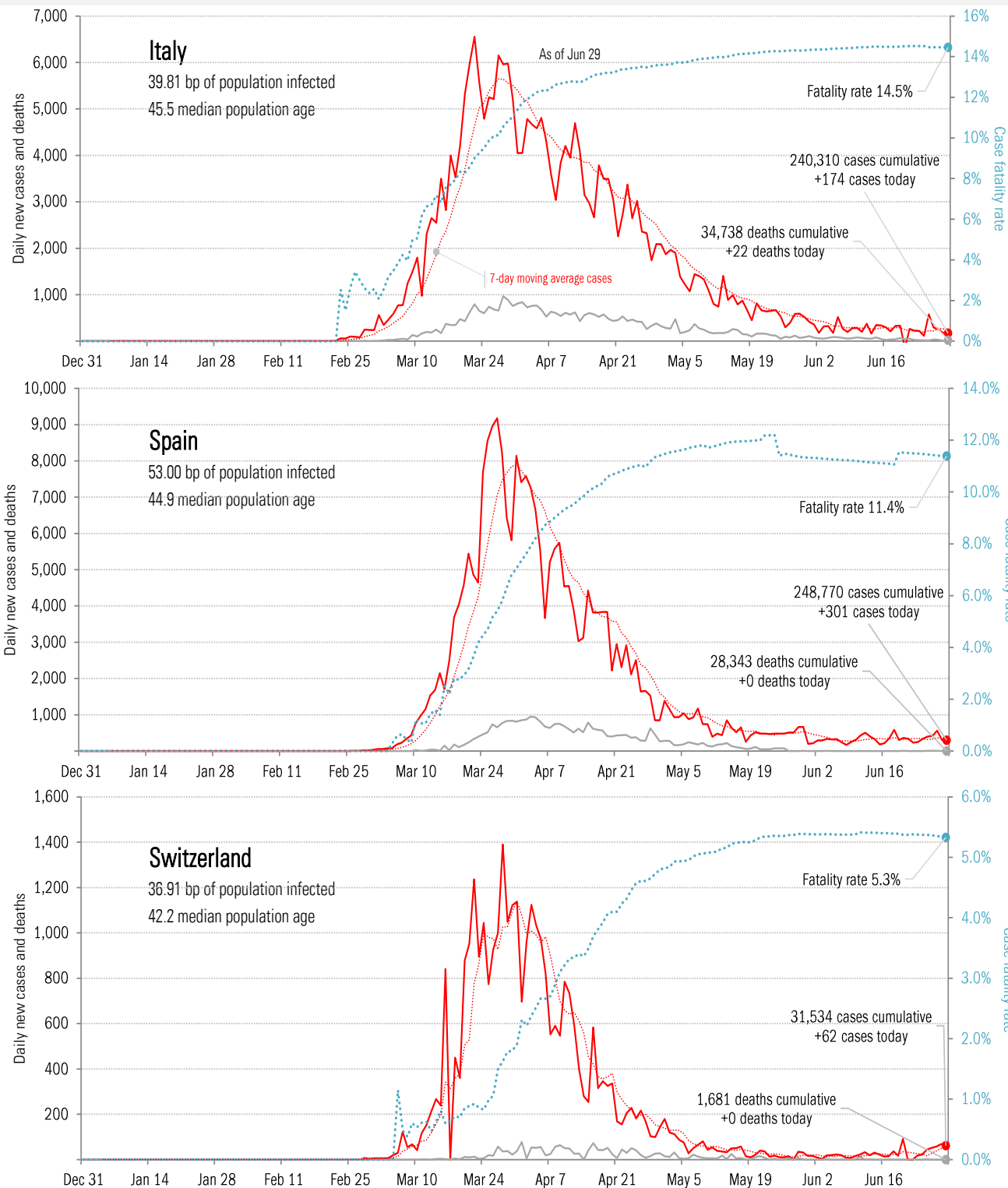
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



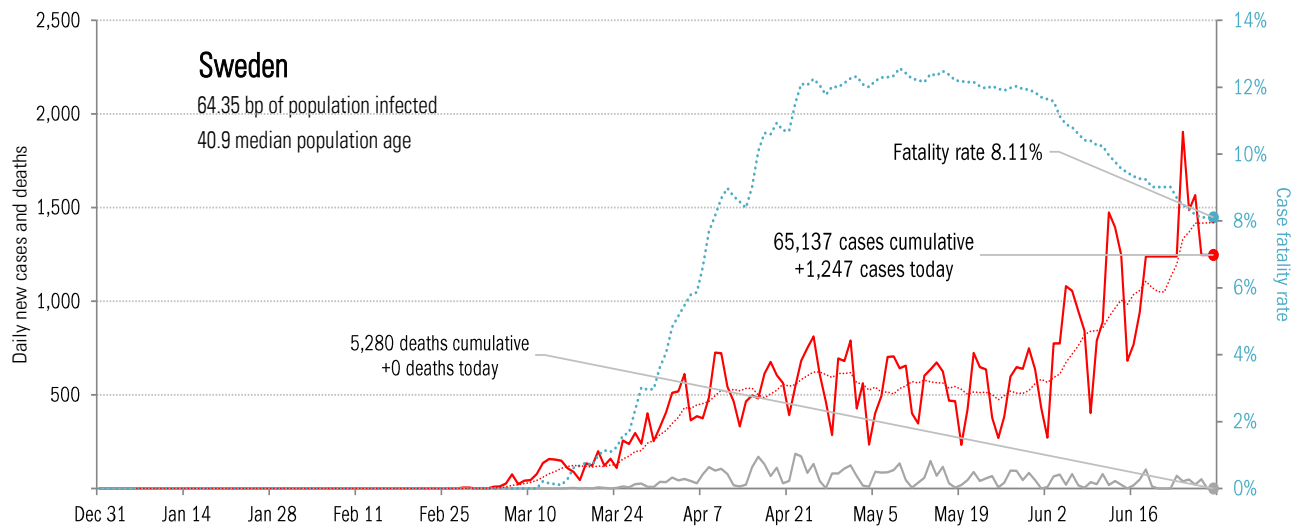
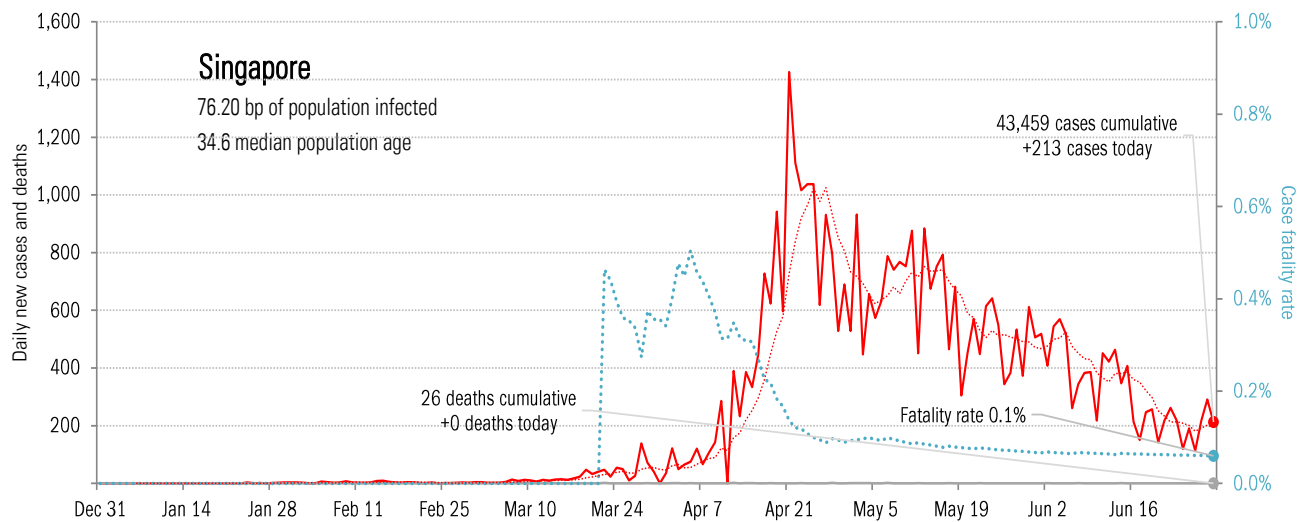
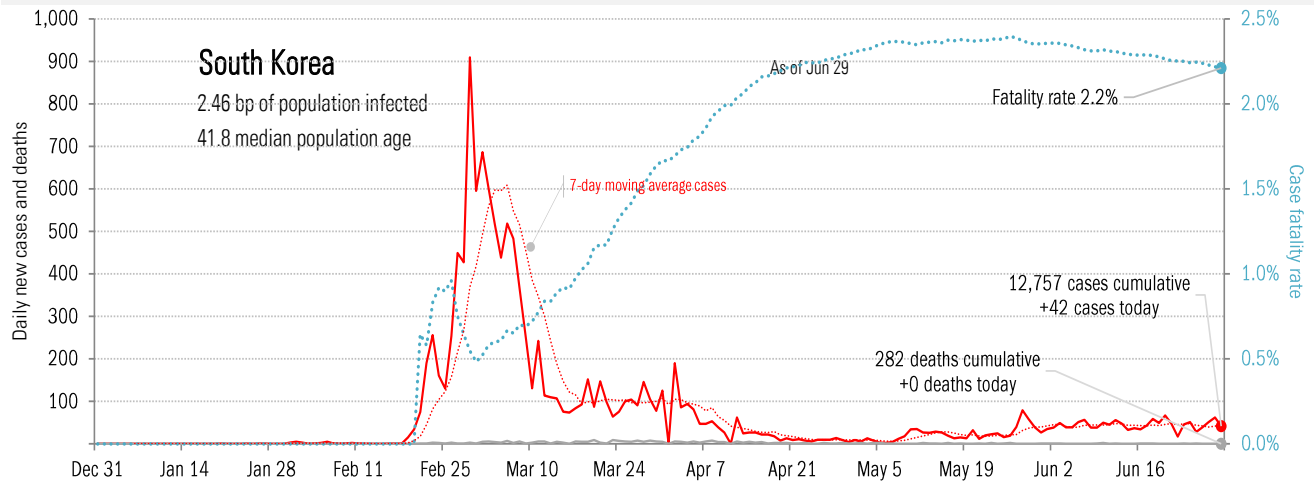
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



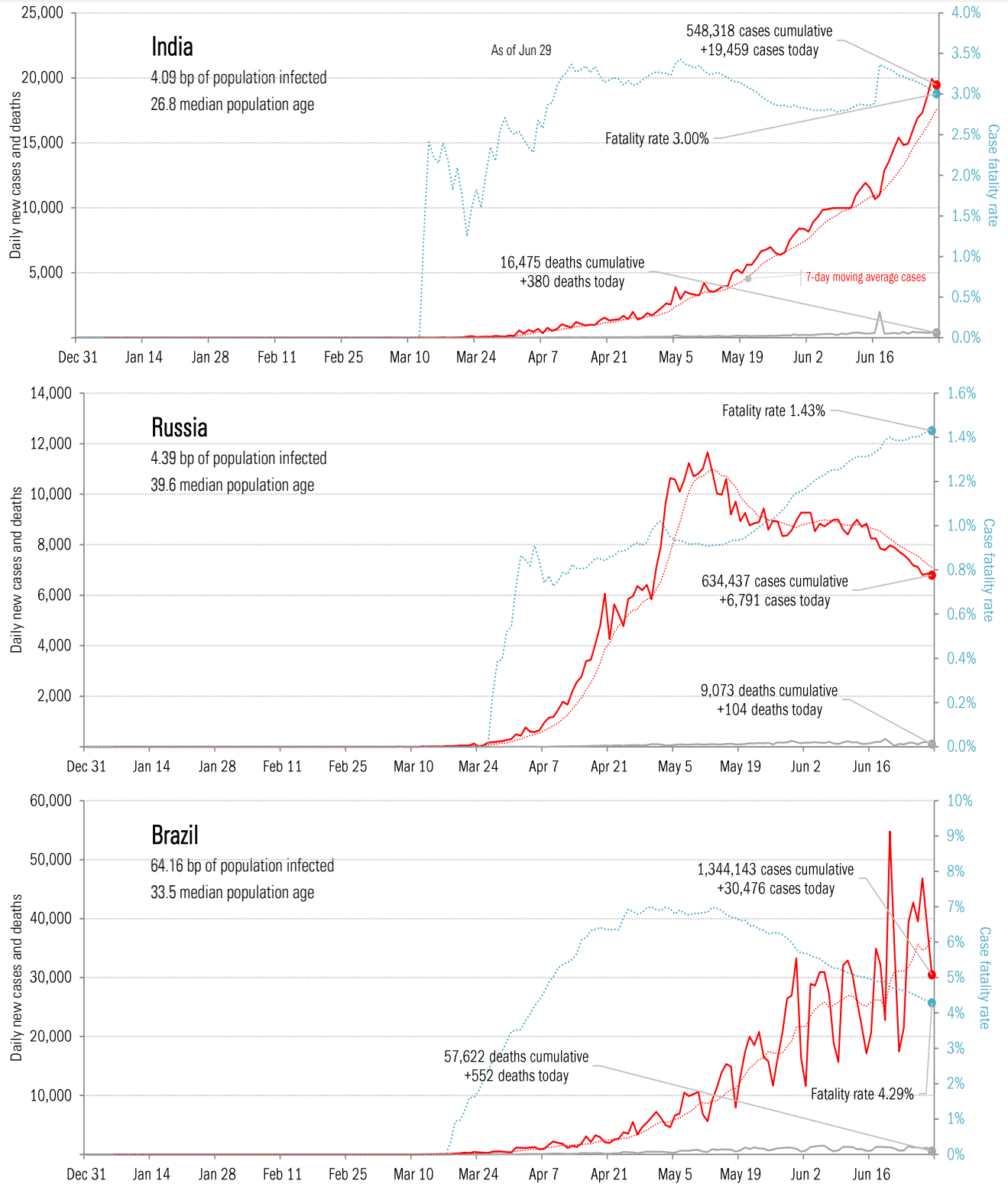
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



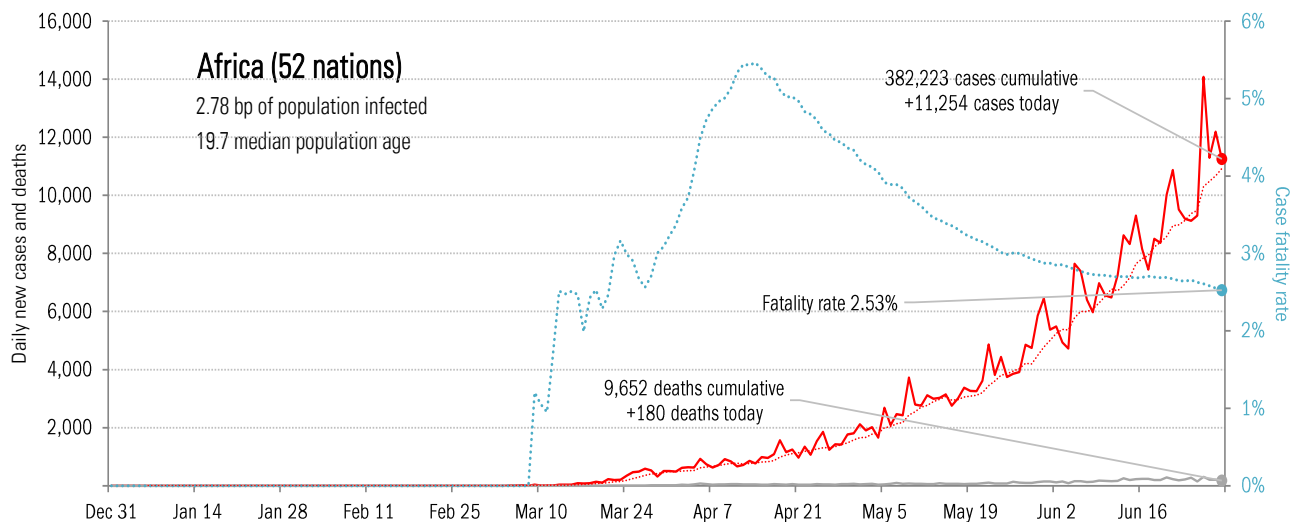
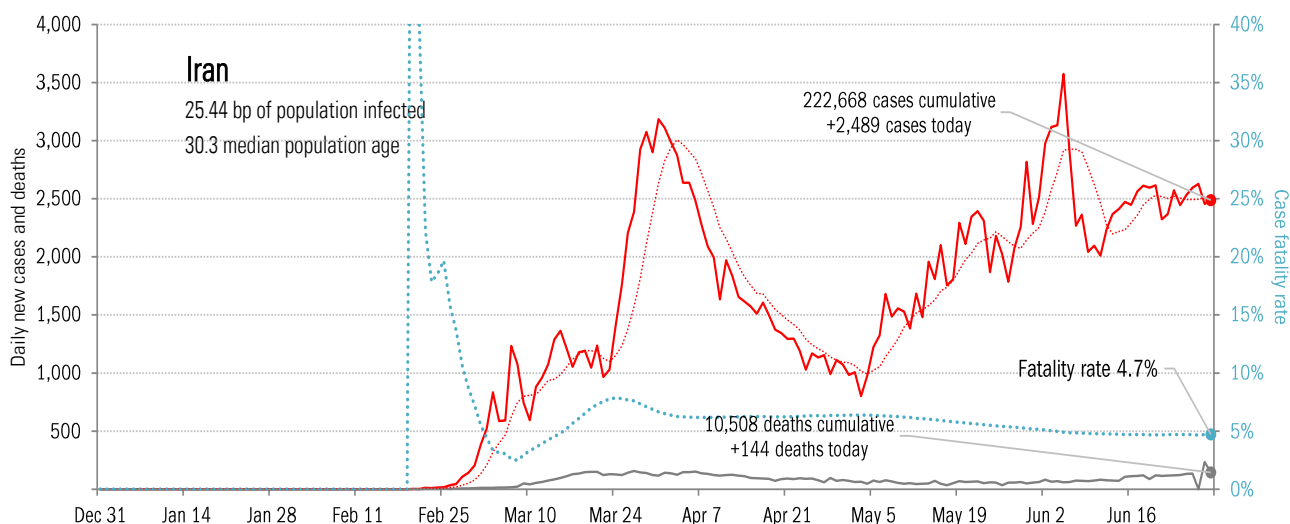
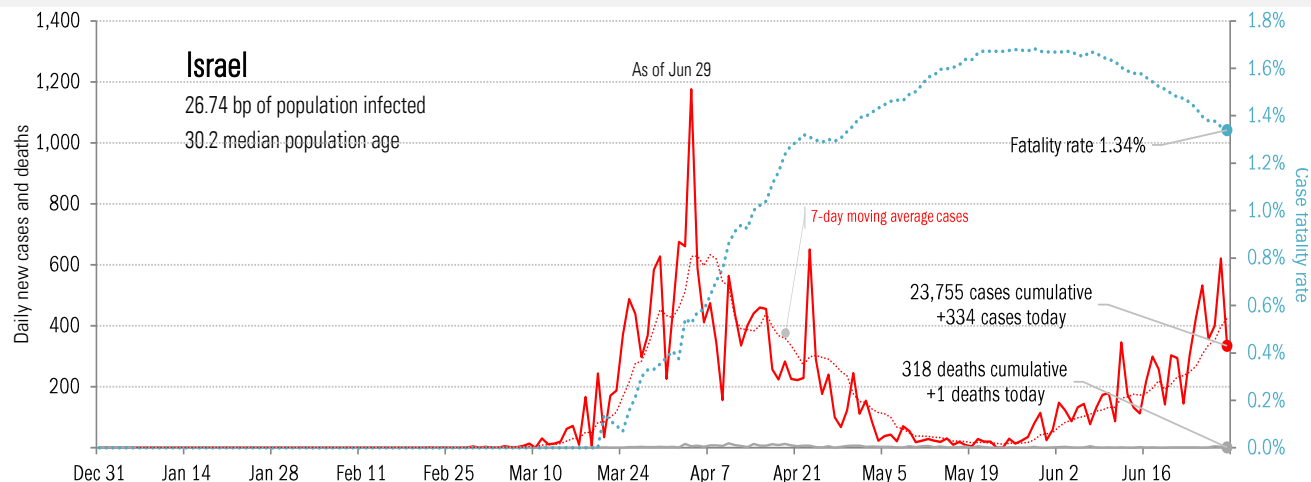
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations