

## Data Insights: Covid-2019 Monitor

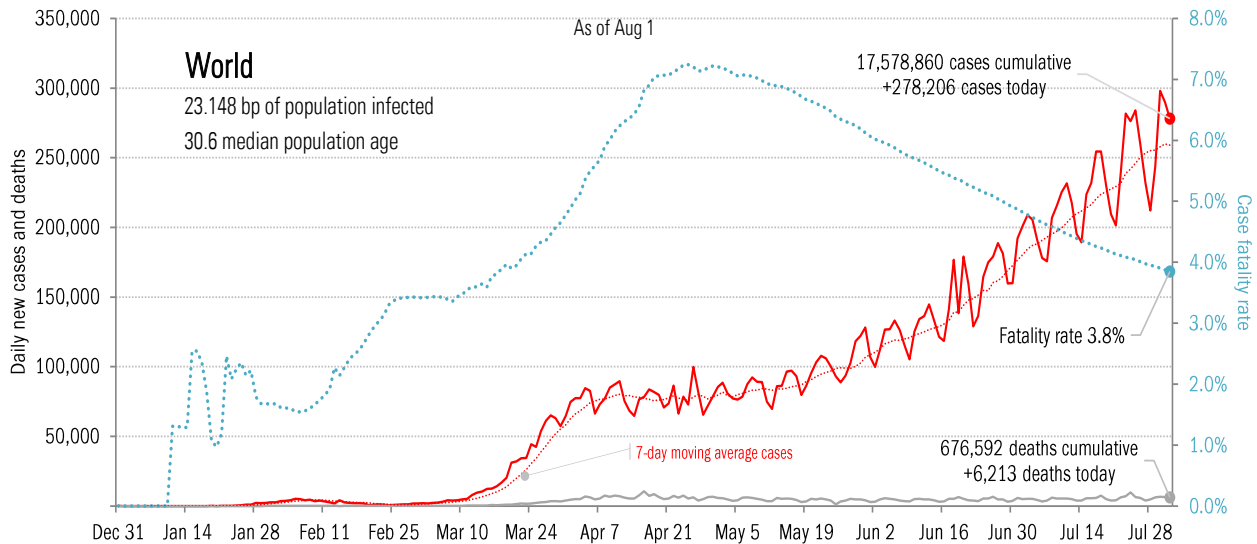
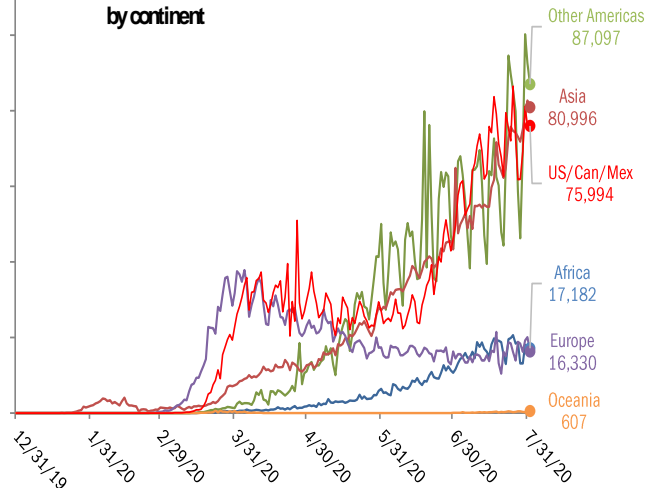
Saturday, August 1, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+67,023	US	+1,244
India	+57,118	Brazil	+1,212
Brazil	+52,383	India	+764
South_Africa	+11,014	Mexico	+688
Colombia	+9,488	Colombia	+295
Mexico	+8,458	Iran	+197
Peru	+7,243	Peru	+196
Argentina	+6,377	South_Africa	+193
Russia	+5,482	Russia	+161
Philippines	+3,980	Argentina	+155
<b>+228,566</b>		<b>+5,105</b>	
World	+278,206	World	+6,213
Top ten	82%	Top ten	82%

#### New confirmed cases by continent



Source: [ECDC](https://ecdc.europa.eu/en), TrendMacro calculations

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

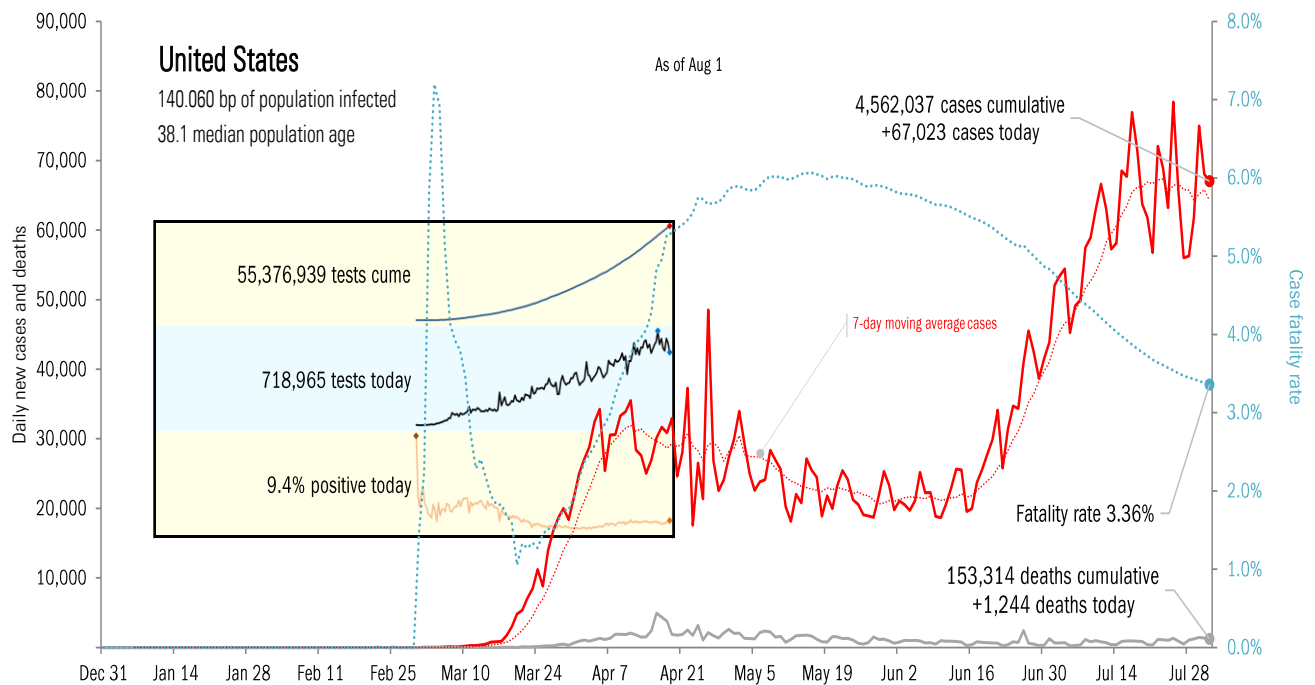
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
FL	+9,007	TX	+295	FL	+519	CA	493,588	NY	25,150	NY	89,995
TX	+8,839	FL	+257	AL	+451	FL	470,386	NJ	15,819	FL	26,905
CA	+8,086	CA	+96	GA	+386	TX	420,946	CA	9,005	NJ	21,565
GA	+4,066	GA	+81	VA	+186	NY	415,014	MA	8,609	GA	18,689
AZ	+3,212	AZ	+68	CH	+112	GA	186,352	IL	7,692	VA	13,271
TN	+3,088	MS	+52	AR	+105	NJ	181,660	PA	7,189	MD	12,593
IL	+1,980	CH	+47	MD	+93	IL	180,118	FL	6,966	MA	11,908
AL	+1,961	SC	+45	WA	+92	AZ	174,010	TX	6,569	AZ	11,260
NC	+1,954	VA	+33	TN	+89	NC	122,148	MI	6,450	CT	10,807
LA	+1,799	NV	+29	AZ	+88	MA	117,612	CT	4,432	CH	10,790
<b>+43,992</b>		<b>+1,003</b>		<b>+2,121</b>		<b>2,761,834</b>		<b>97,881</b>		<b>227,783</b>	
All states	+67,503	All states	+1,308	All states	+2,603	All states	4,535,607	All states	145,447	All states	308,088
Top ten	65%	Top ten	77%	Top ten	81%	Top ten	61%	Top ten	67%	Top ten	74%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
CA	-2,111	AZ	-104	AZ	-1,024	TX	+12,649
FL	-949	CA	-98	NJ	-244	TN	+2,123
MS	-607	LA	-18	CT	-95	CH	+1,477
NM	-597	NC	-17	CO	-64	WI	+998
MO	-535	MI	-14	NM	-53	UT	+869



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

## Recommended reading

### [Exposing the maskerade: The questions every American should be asking about indefinite mask mandates](#)

Daniel Horowitz  
*Conservative Review*  
July 24, 2020

### [Partisans hoist themselves atop Herman Cain's corpse to score political points](#)

Becket Adams  
*Washington Examiner*  
July 30, 2020

### [Bringing a Cancer Doctor's Perspective to FDA's Response to the COVID-19 Pandemic](#)

Stephen M. Hahn  
*Food and Drug Administration*  
May 29, 2020

### [The Virus Doesn't Care about Your Policies](#)

Jeffrey A. Tucker  
*American Institute for Economic Research*  
July 31, 2020

### [Sweden riding high and the triumph of the rational herd immunity approach](#)

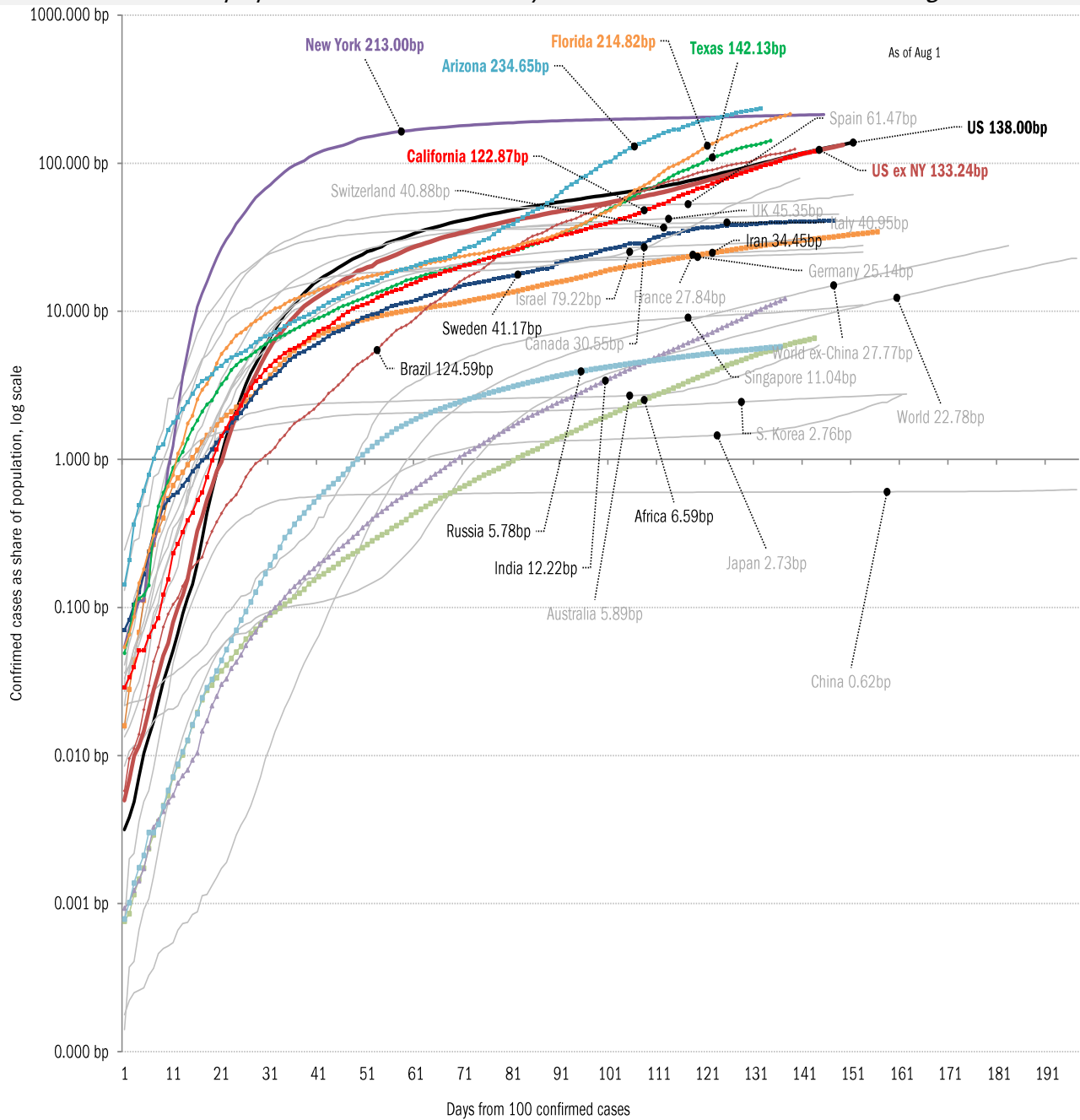
Daniel Horowitz  
*Conservative Review*  
July 29, 2020

## Meme of day



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

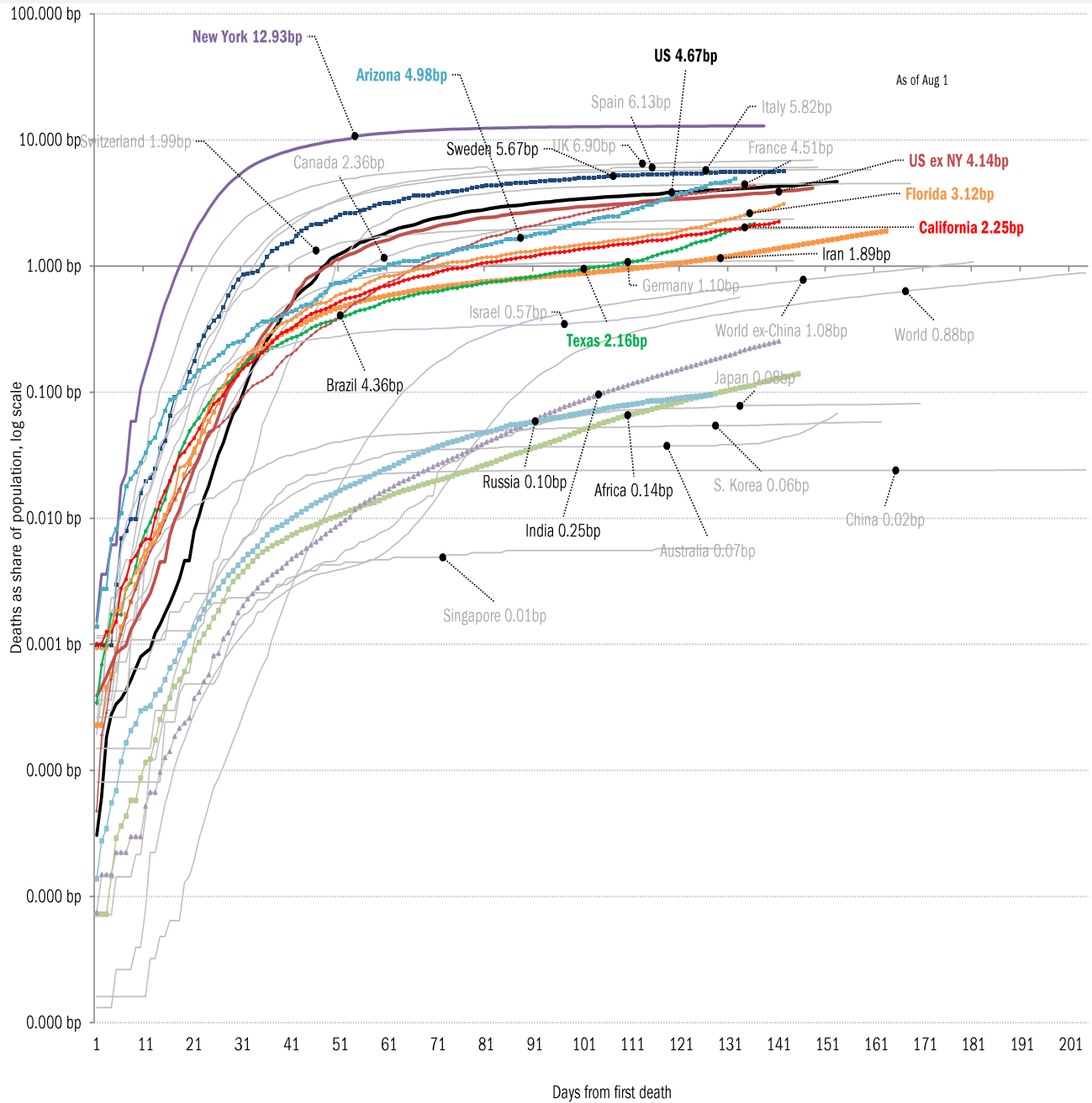
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

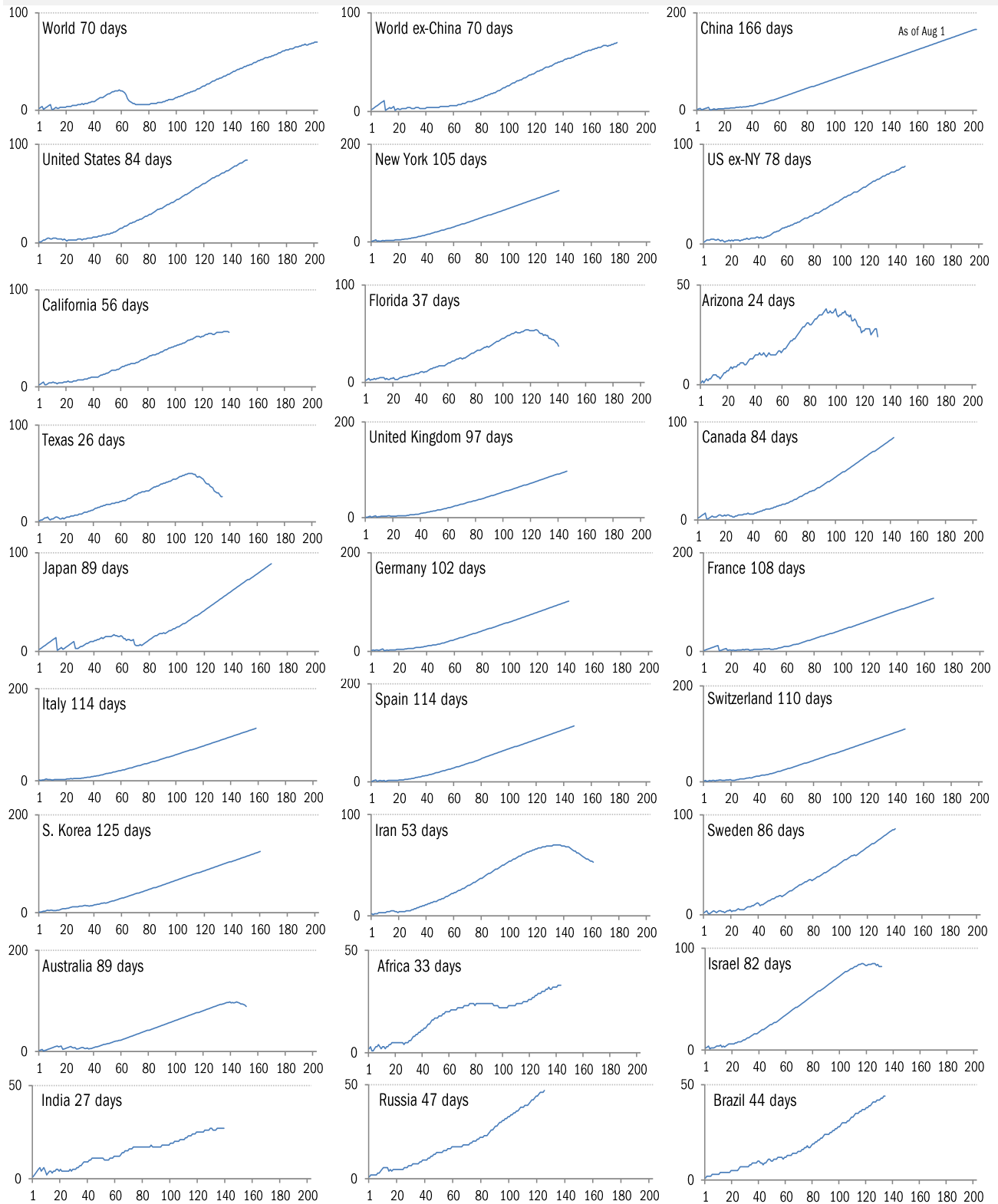
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

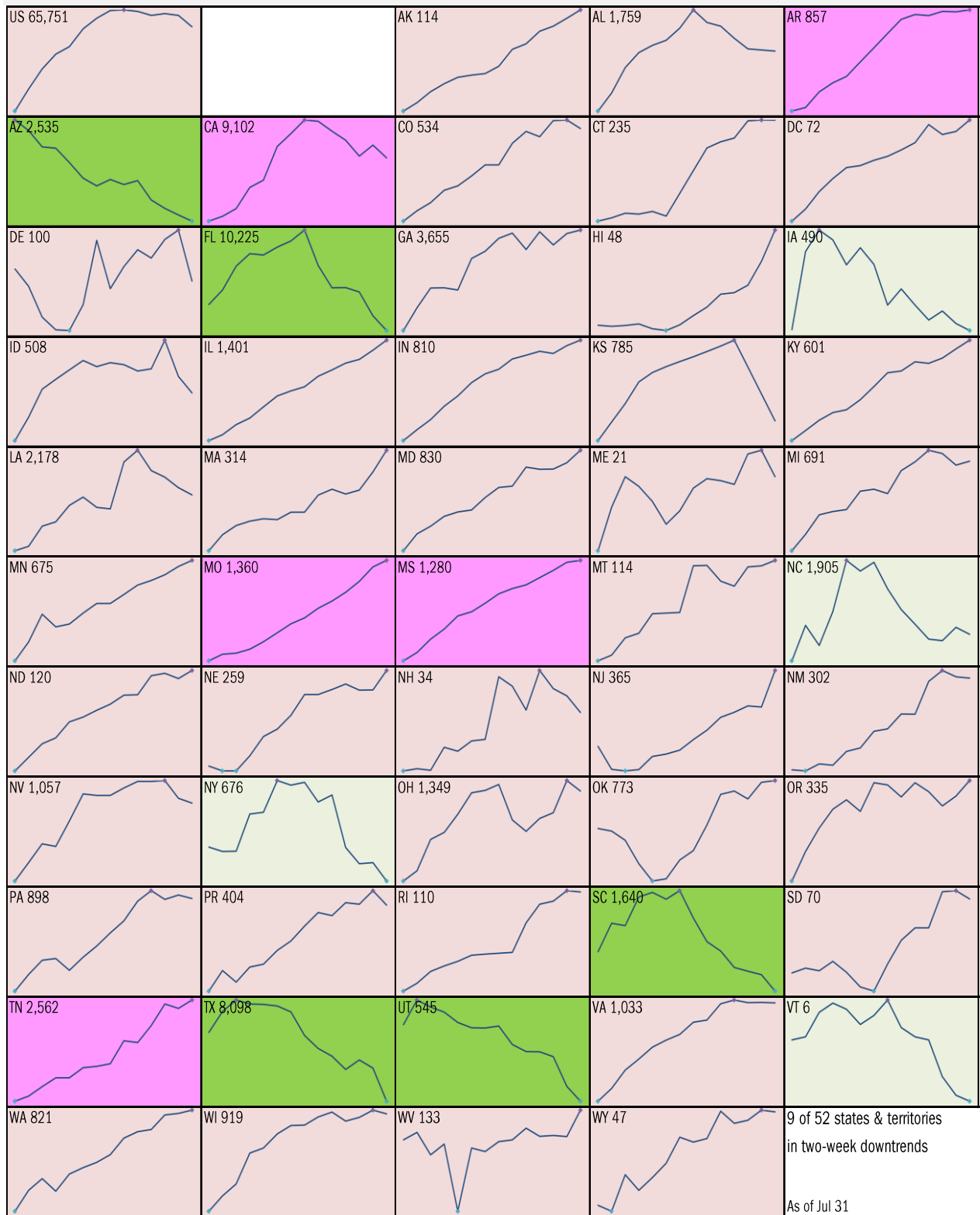
# Our most reliable evidence of slowing exponential growth of Covid-2019

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

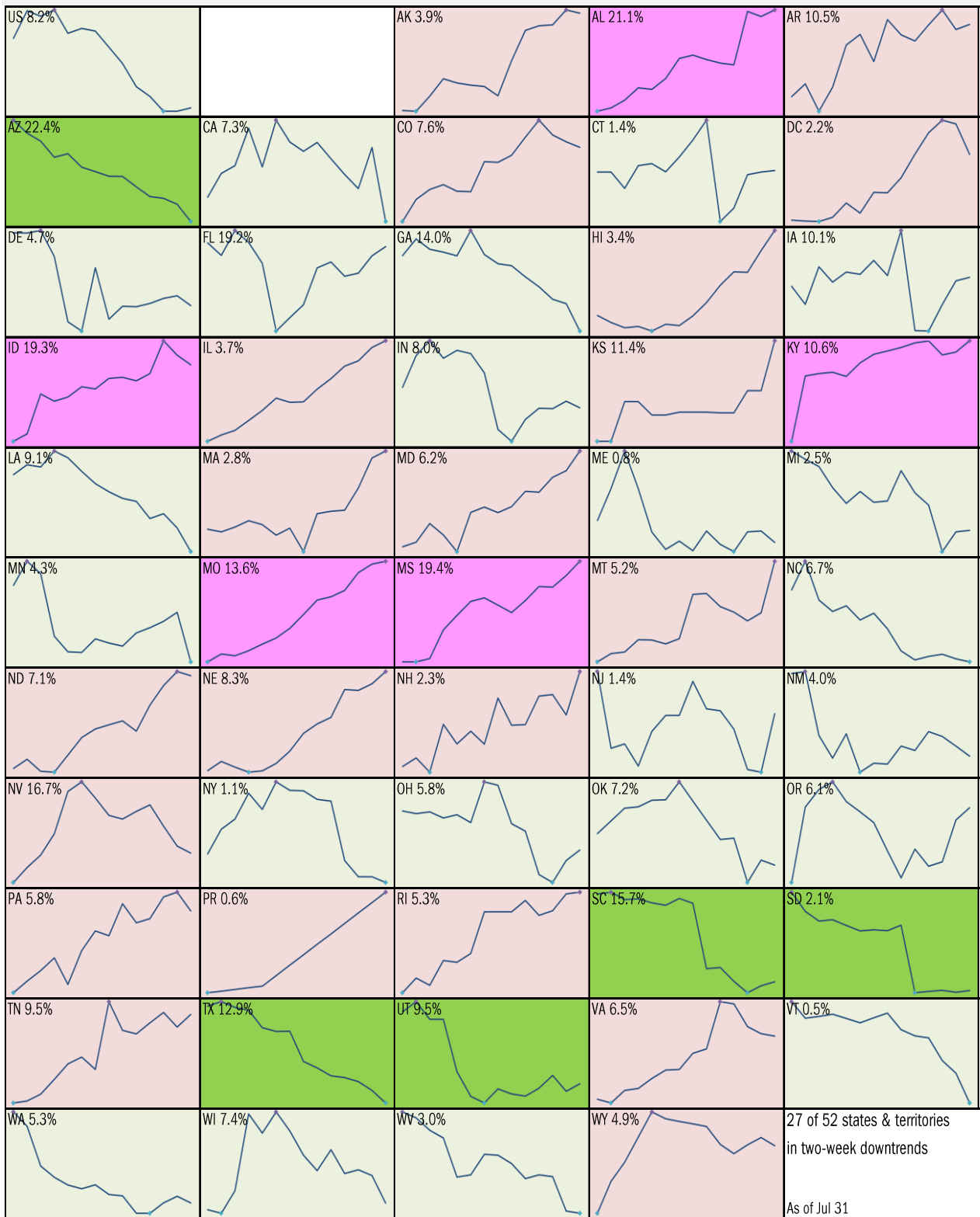


Source: [Covid Tracking Project](#), TrendMacro calculations

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

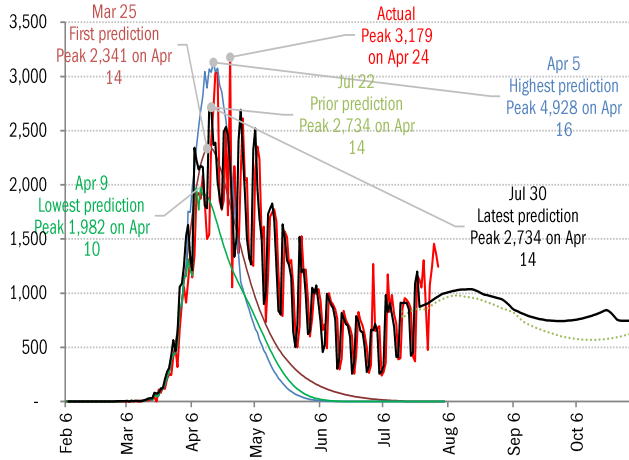


# Reality-checking the models: actuals versus [IHME](#) predictions

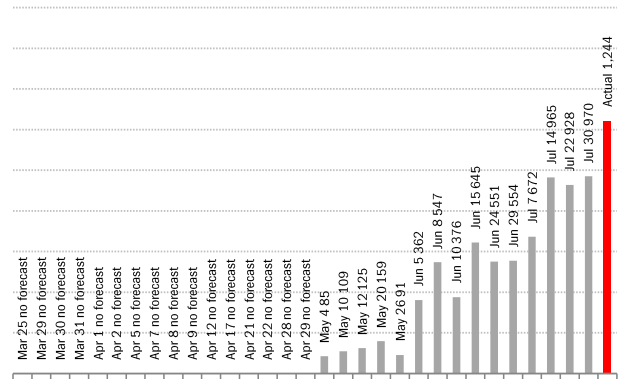
## New daily fatalities

As of Aug 1

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

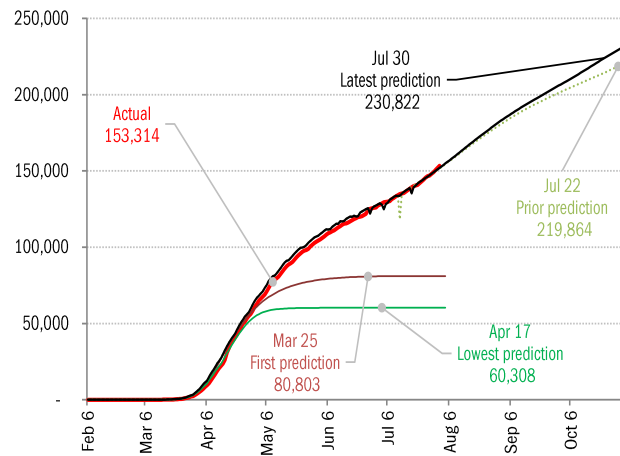


For this day, versus all model mean predictions

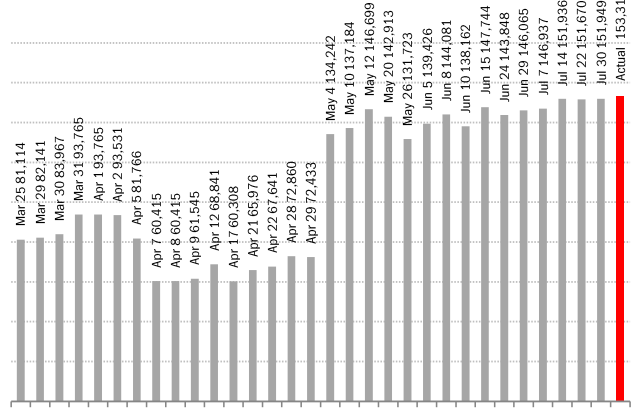


## Cumulative fatalities

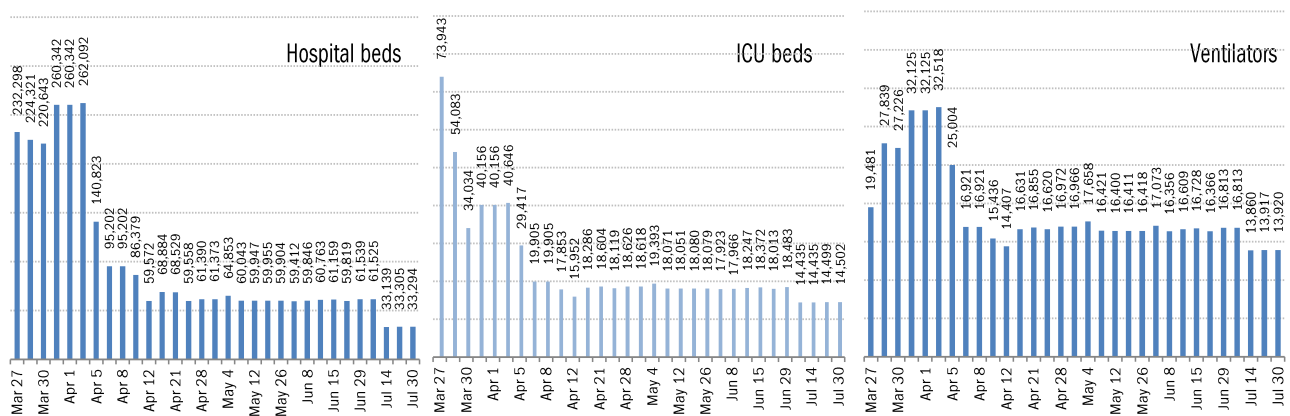
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

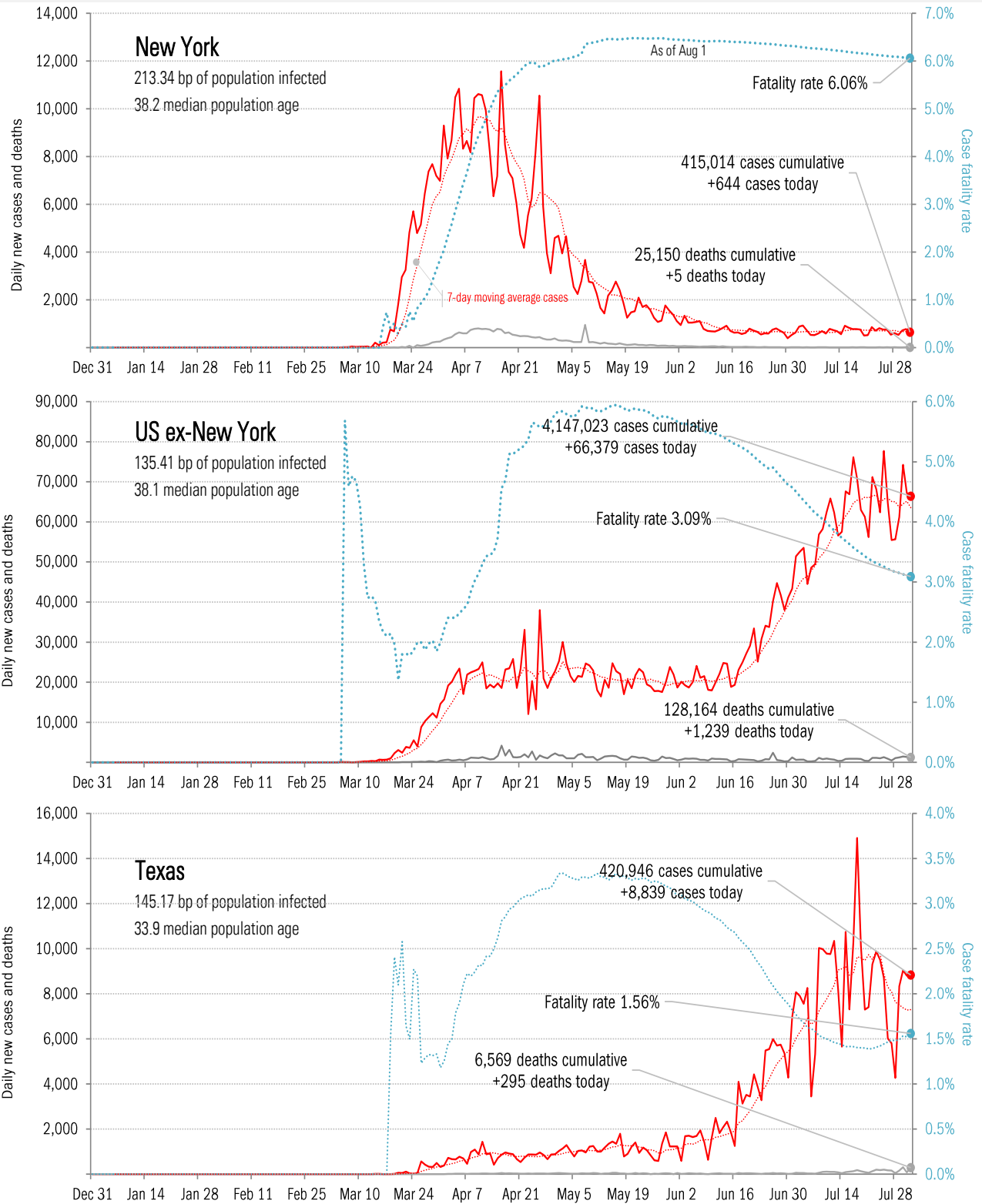


## Healthcare system stress, peak estimated at each model revision



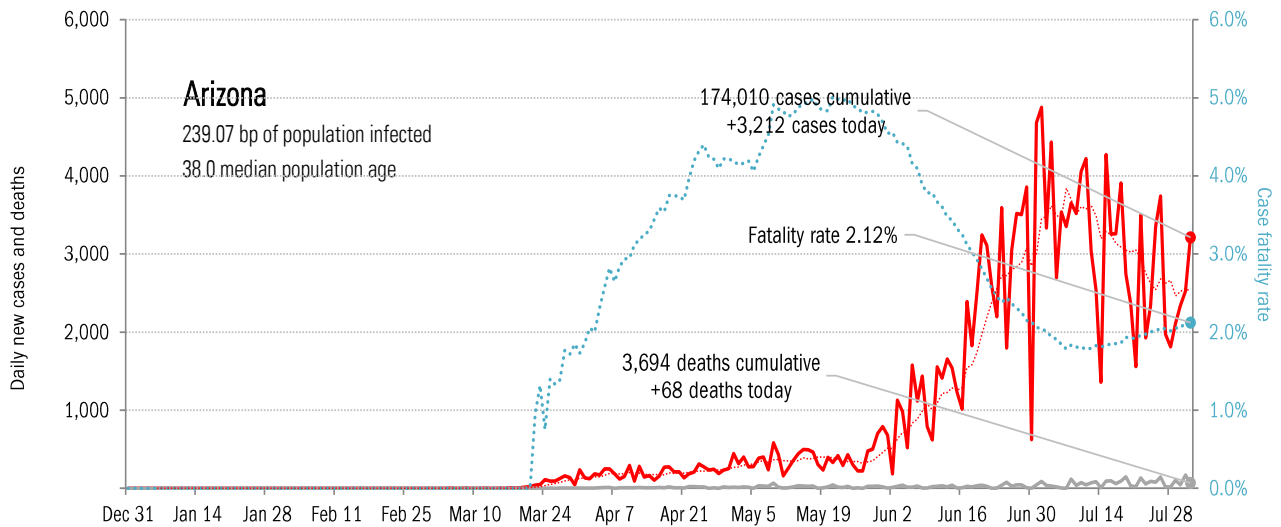
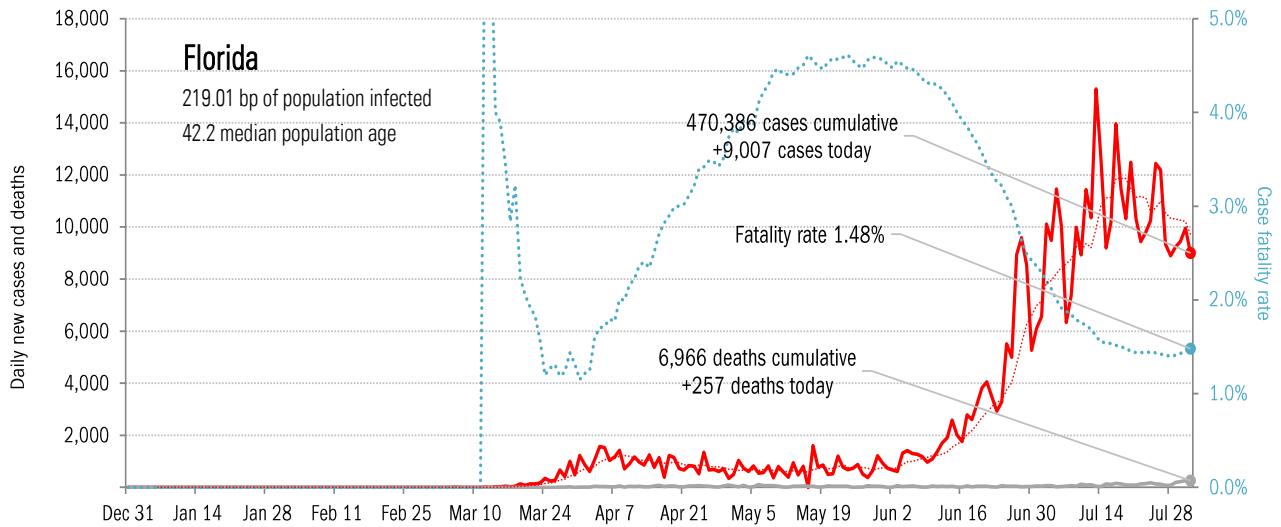
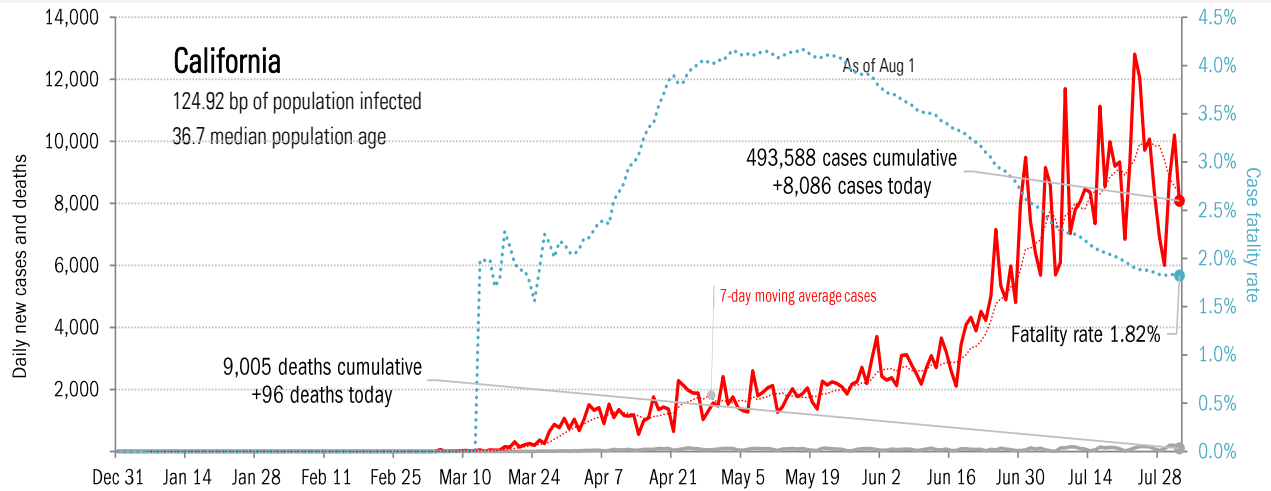
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



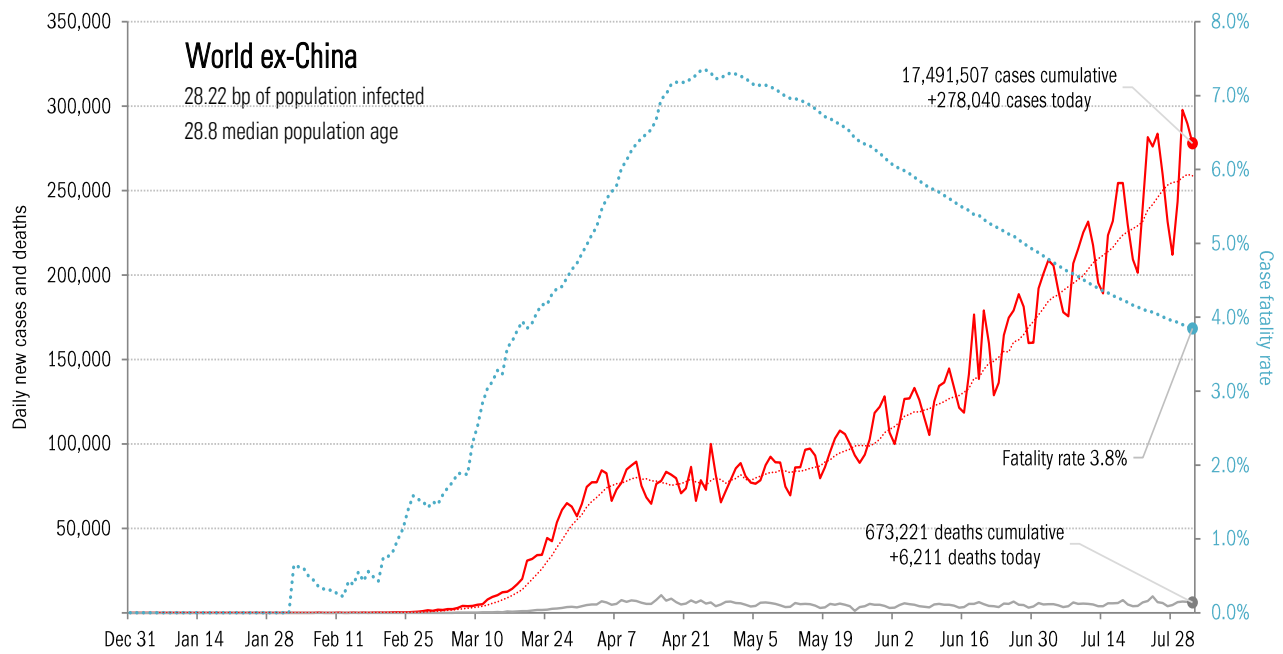
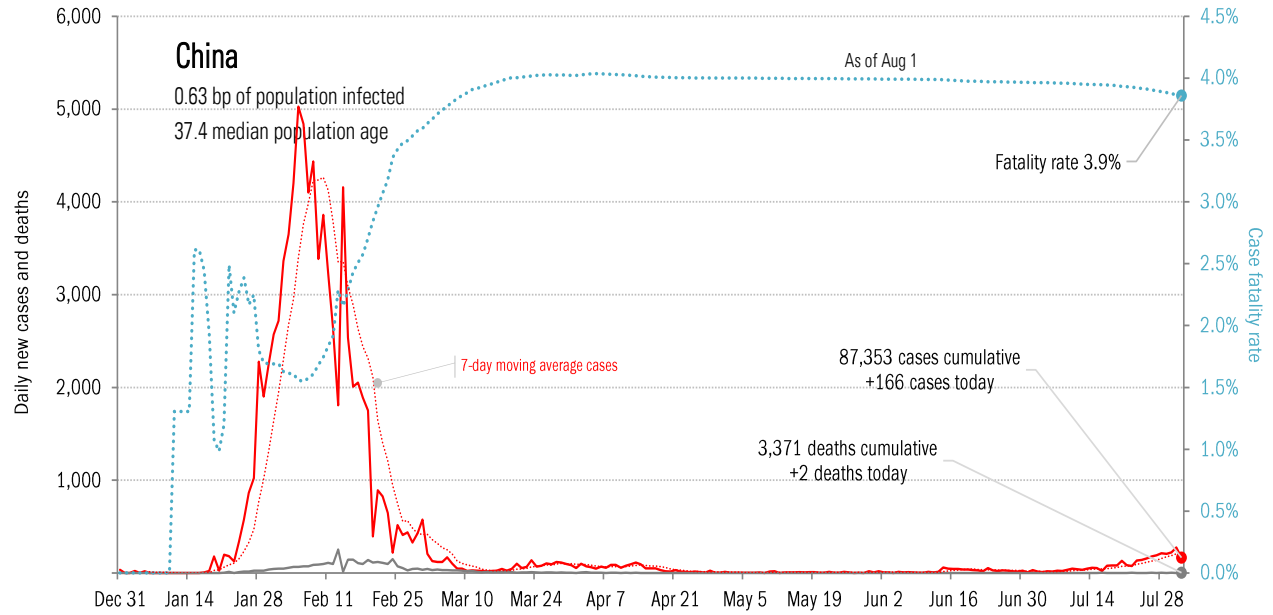
Source: [ECDC](#), TrendMacro calculations

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



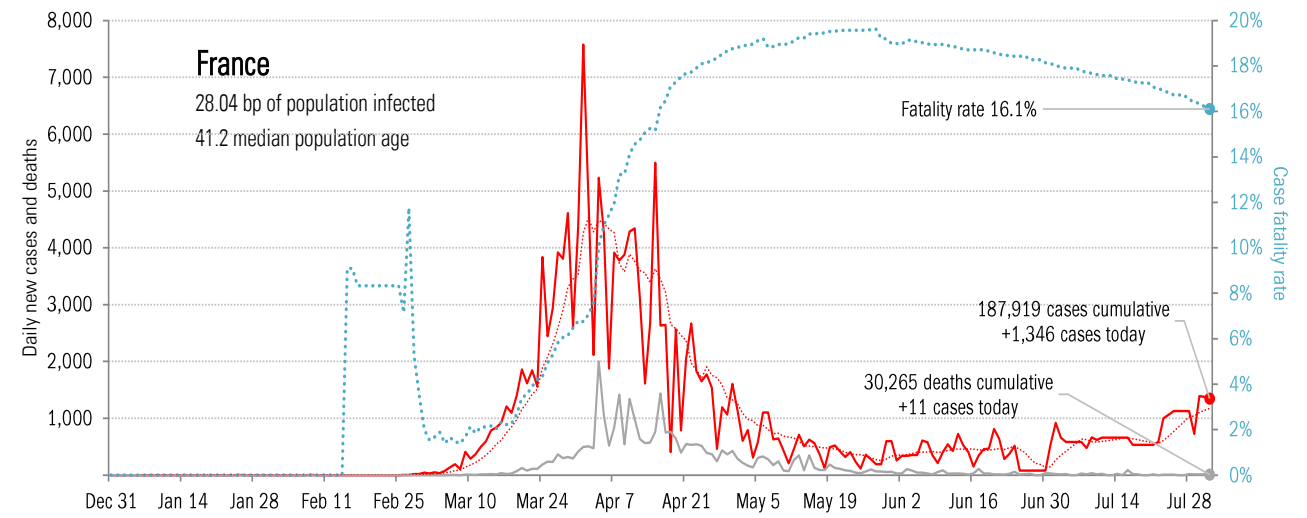
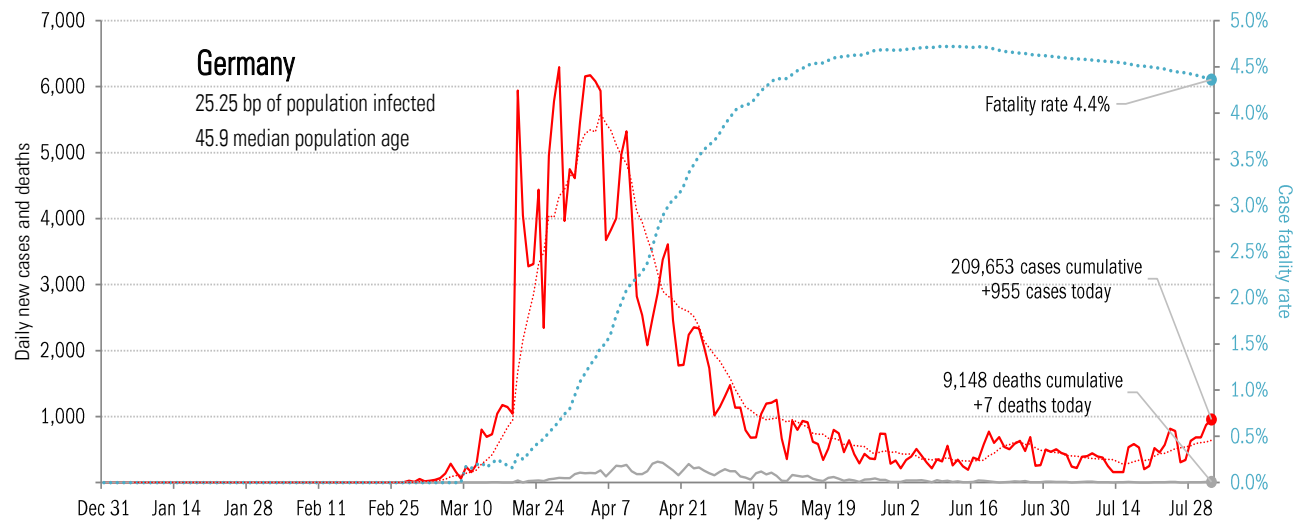
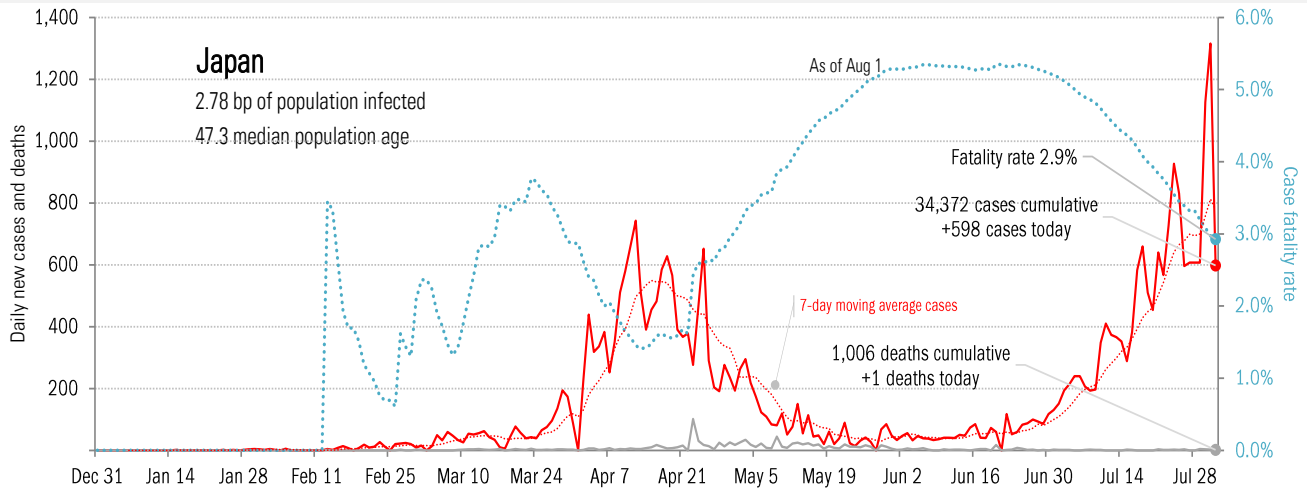
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



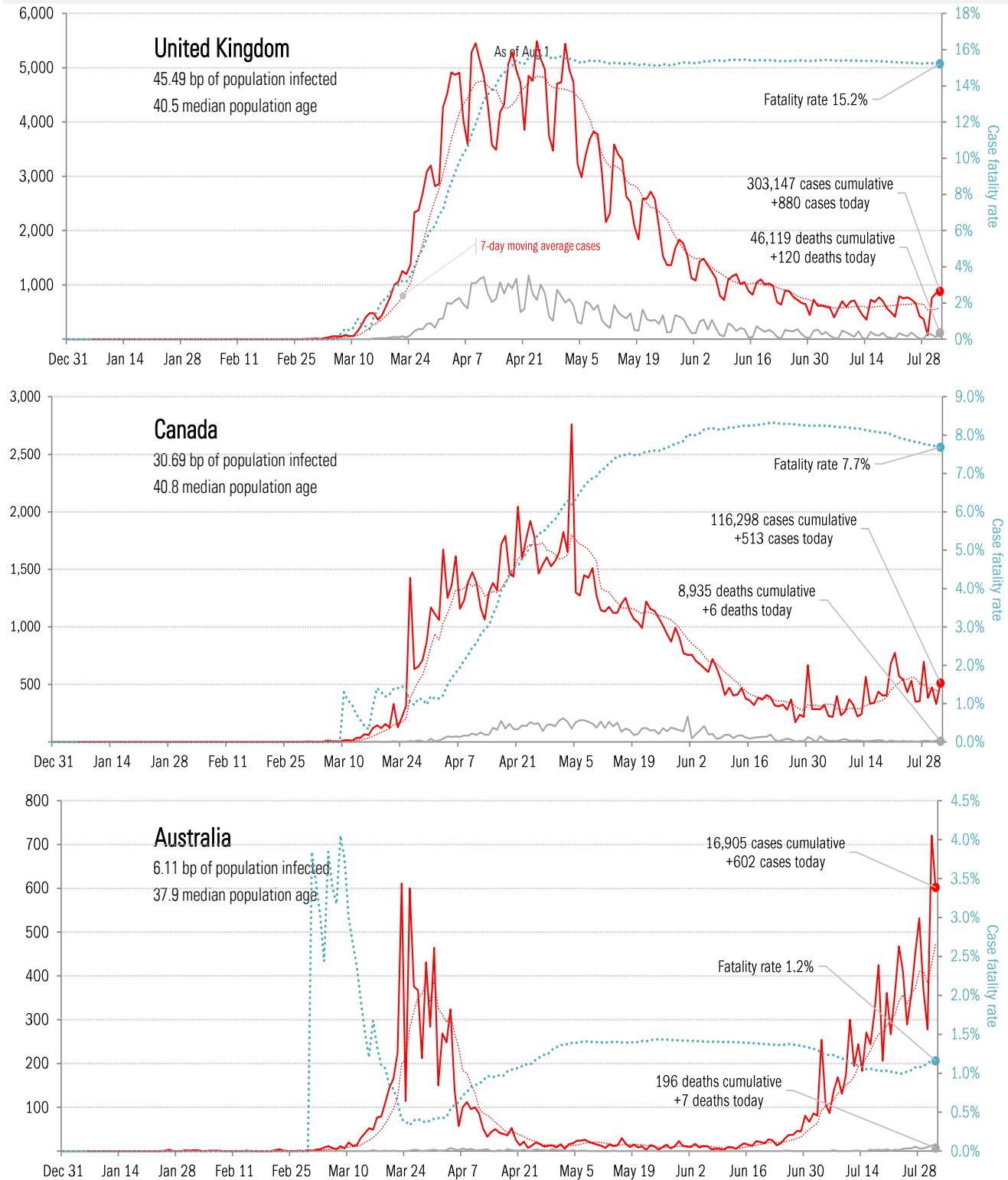
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



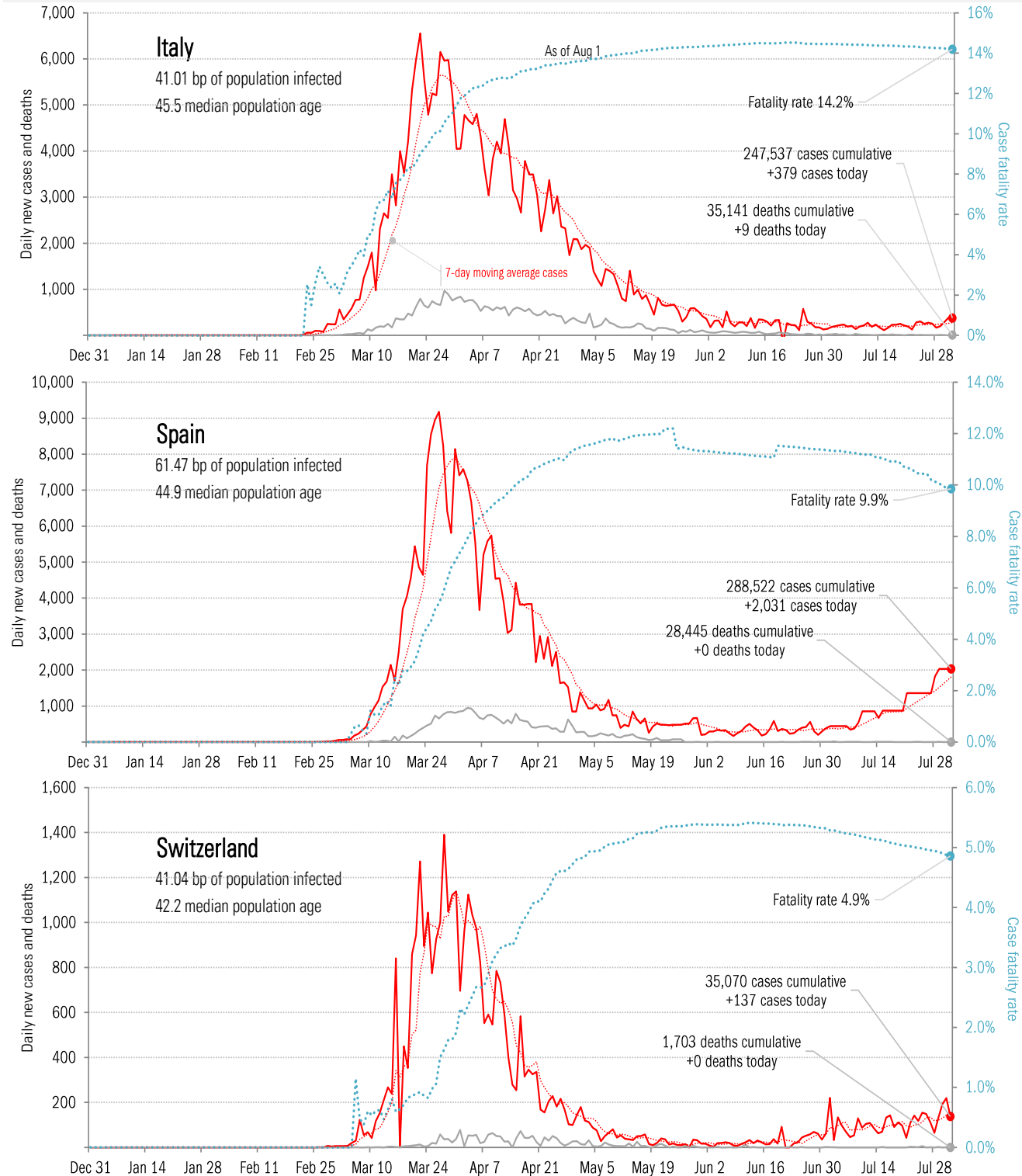
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



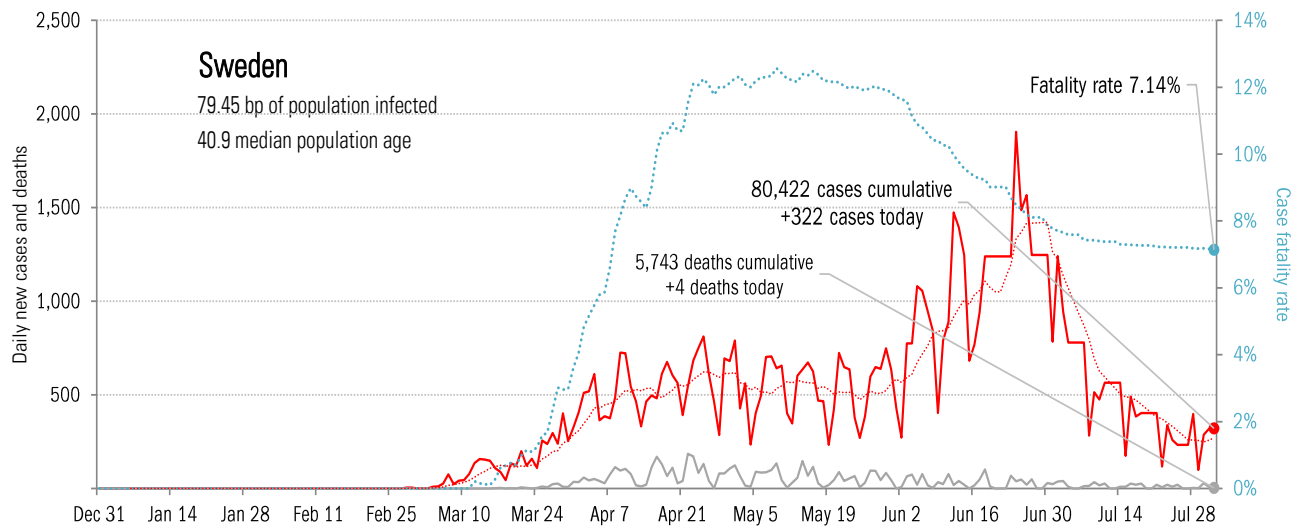
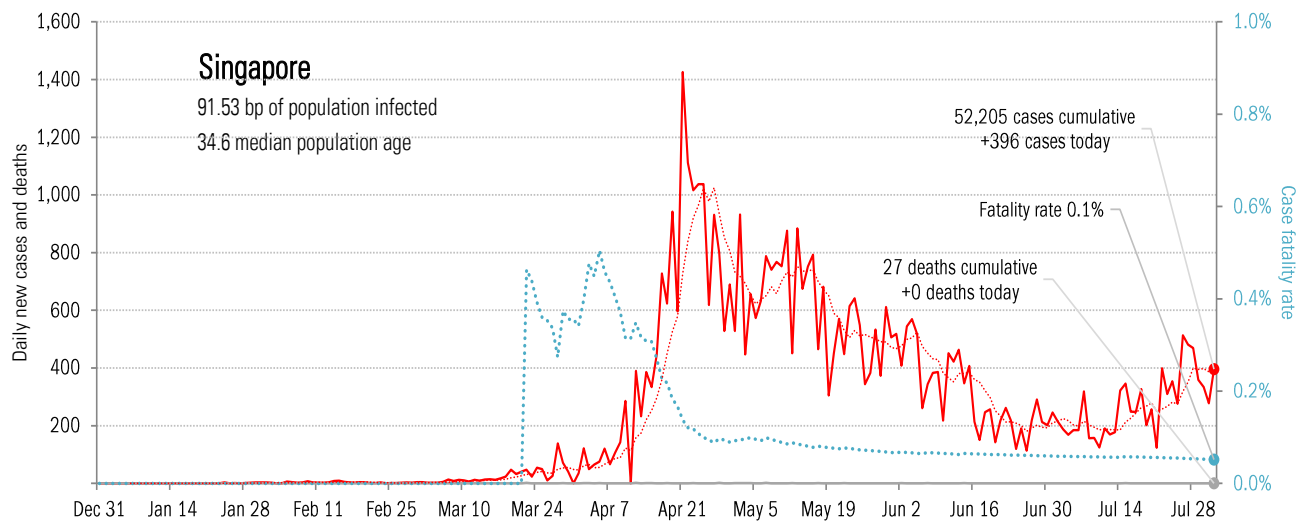
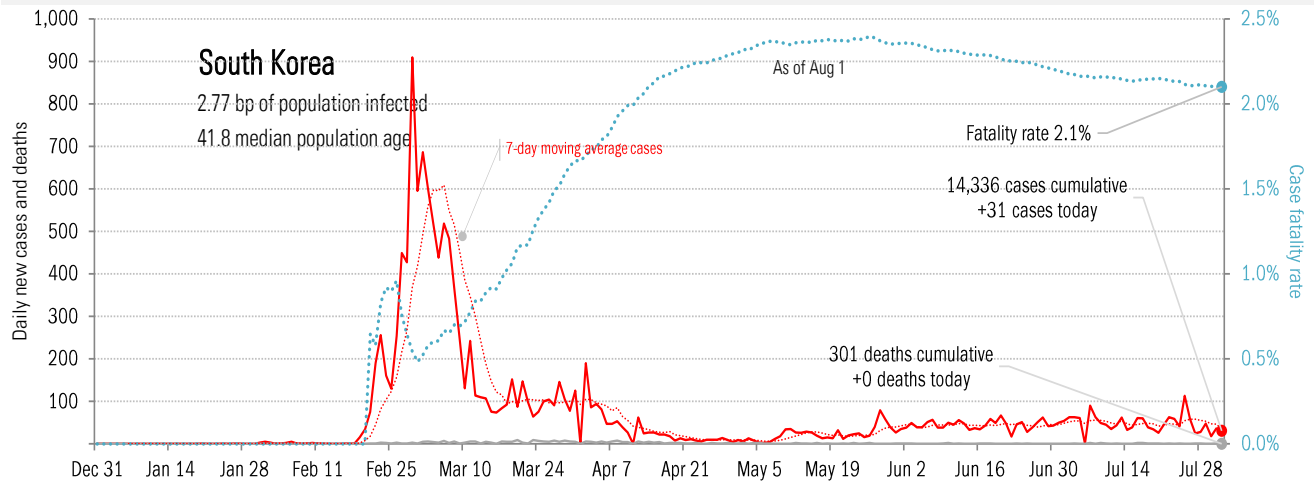
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

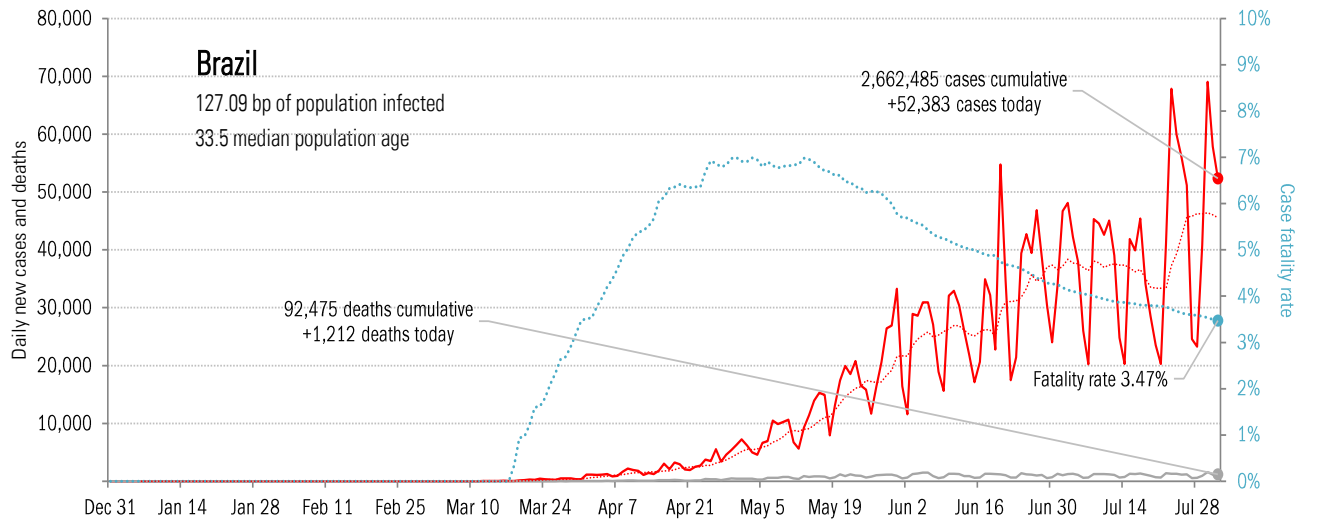
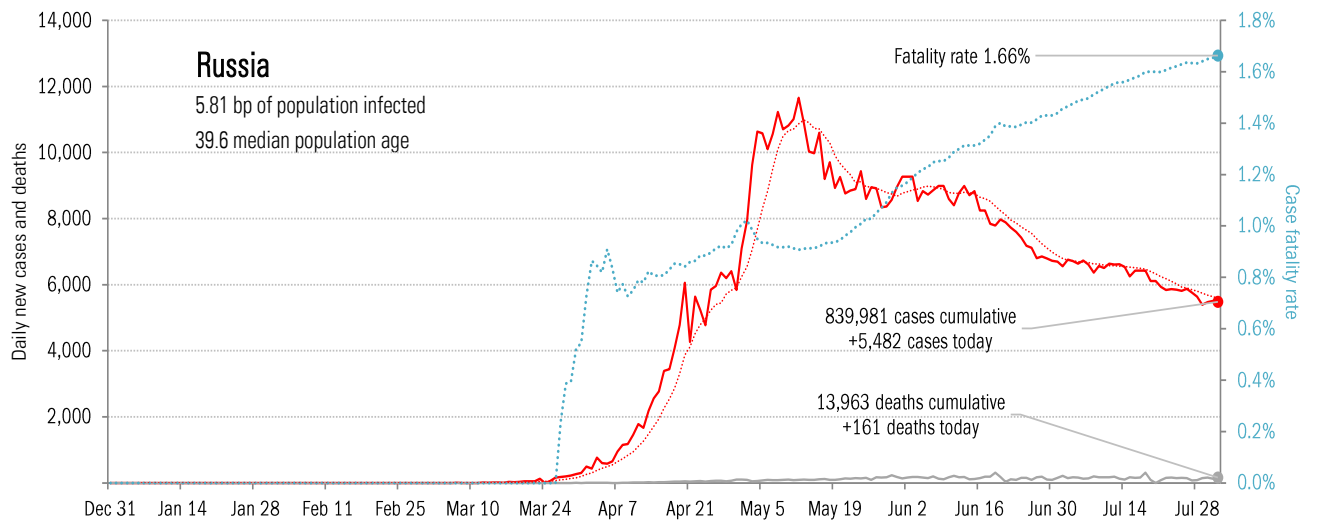
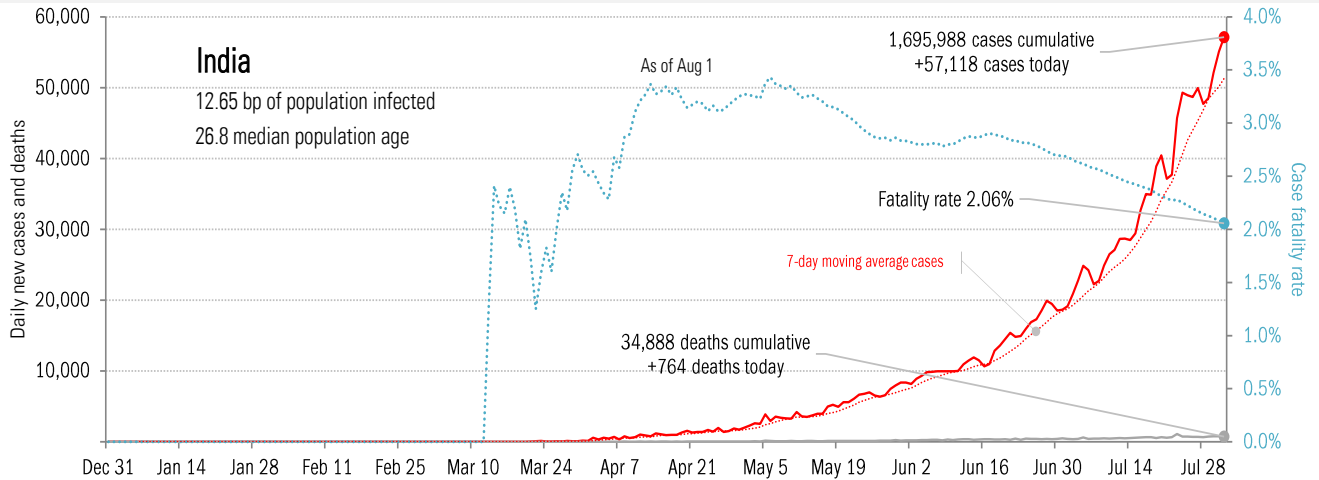
# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

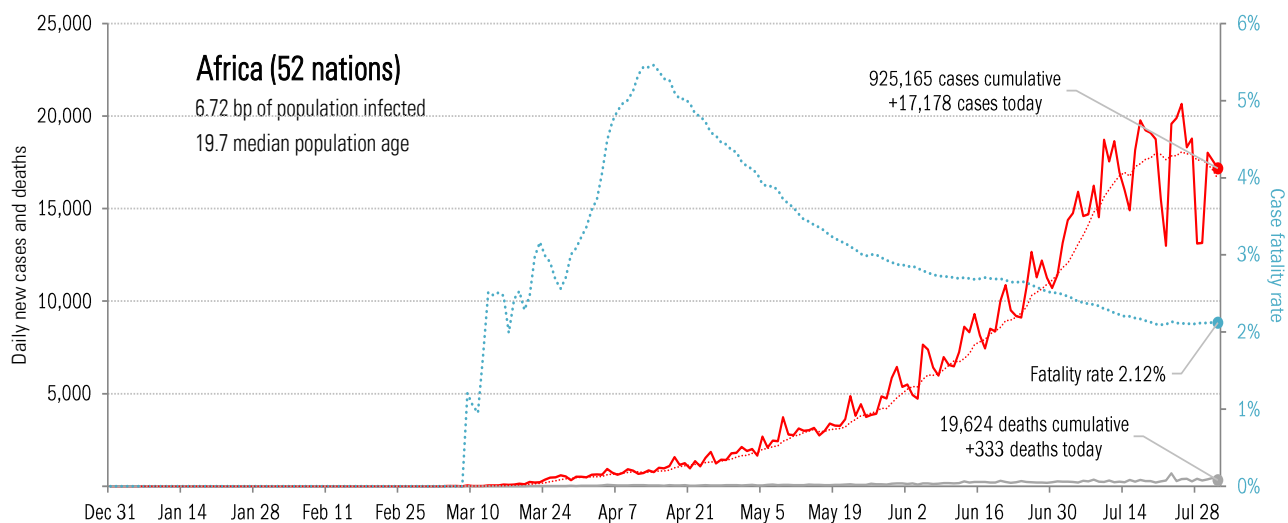
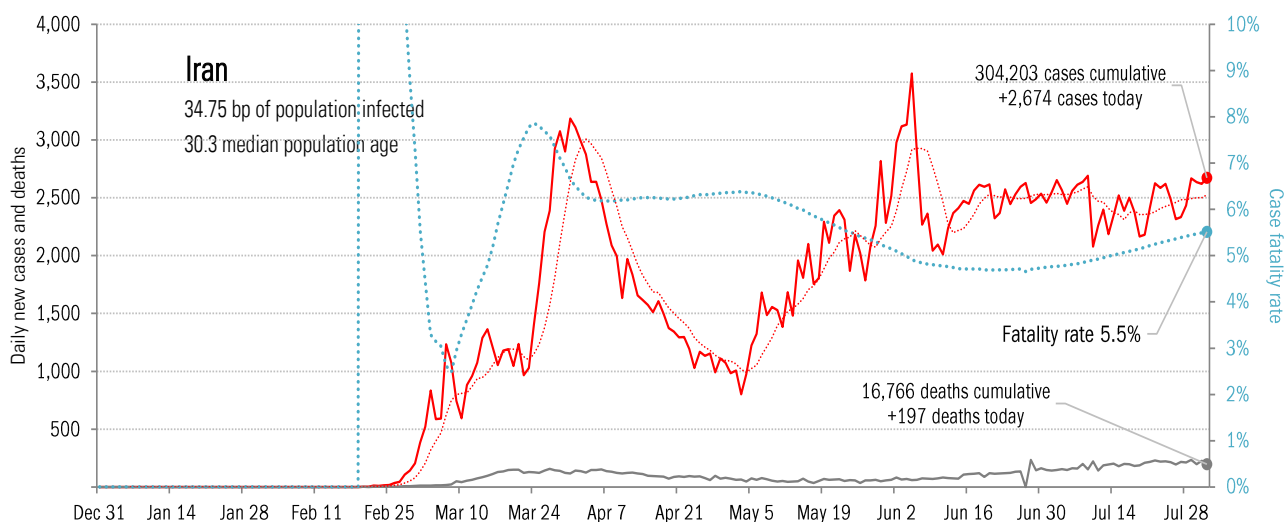
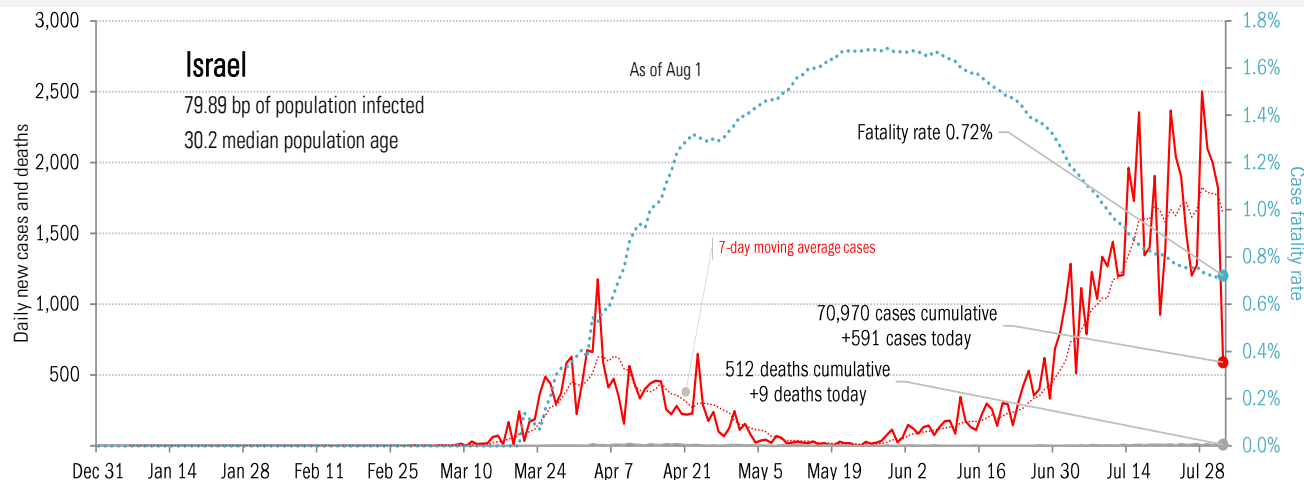


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations