

## Data Insights: Covid-2019 Monitor

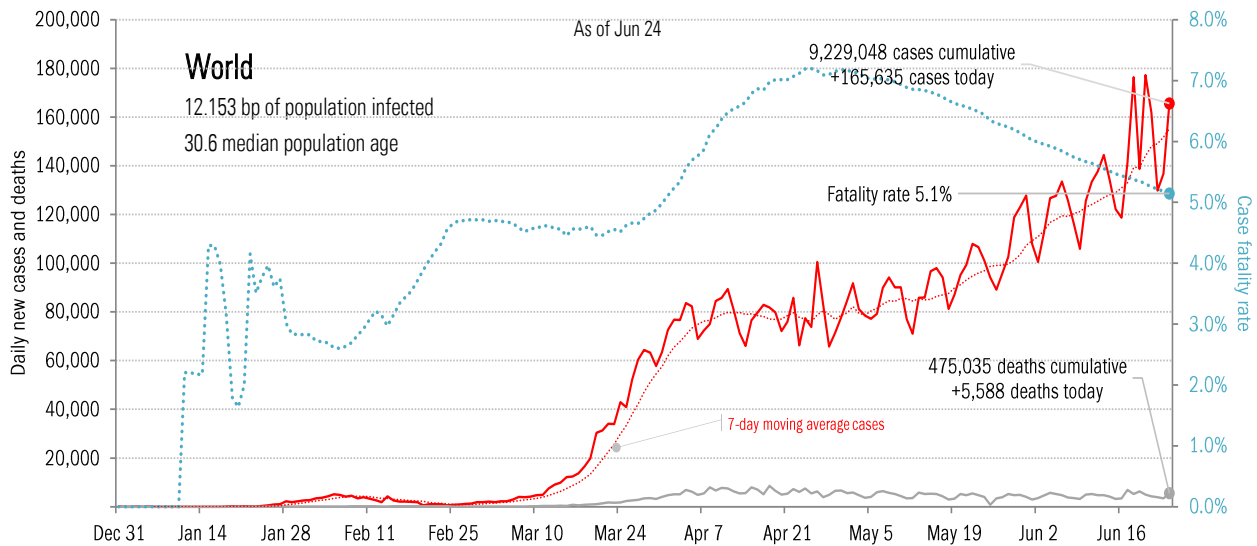
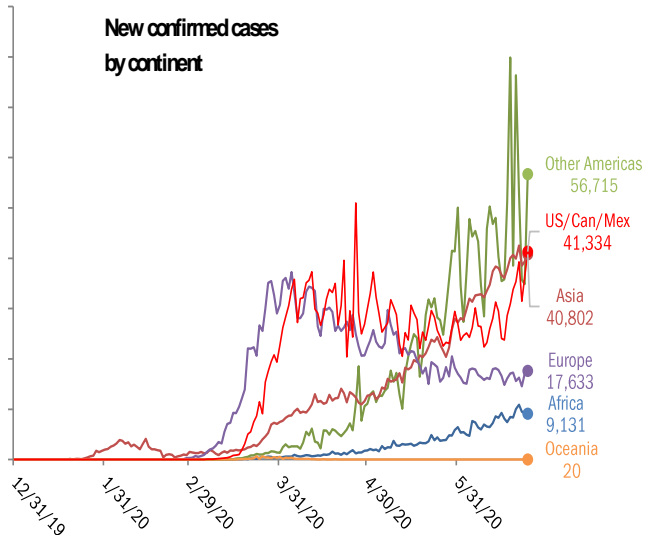
Wednesday, June 24, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
Brazil	+39,436	Brazil	+1,374
US	+34,720	US	+826
India	+15,968	Mexico	+793
Russia	+7,425	India	+465
Mexico	+6,288	Peru	+359
Peru	+5,874	UK	+280
South_Africa	+4,518	Russia	+153
Pakistan	+3,892	Iran	+121
Chile	+3,804	South_Africa	+111
Bangladesh	+3,412	Colombia	+94
<b>+125,337</b>		<b>+4,576</b>	
World	+165,635	World	+5,588
Top ten	76%	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

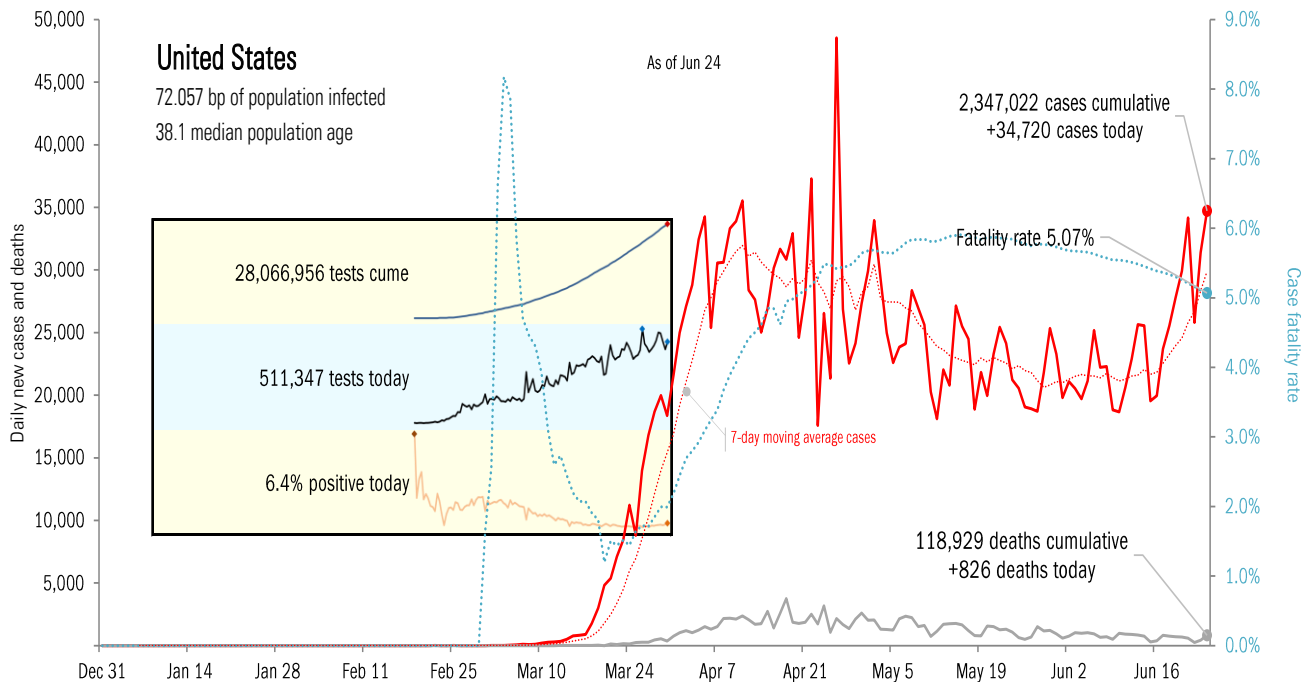
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
TX	+5,489	FL	+67	FL	+207	NY	389,085	NY	24,766	NY	89,995
CA	+5,019	CA	+65	GA	+170	CA	183,073	NJ	12,949	NJ	19,512
AZ	+3,593	NJ	+54	NJ	+111	NJ	169,734	MA	7,890	FL	13,614
FL	+3,286	AZ	+42	CH	+87	IL	138,825	IL	6,911	MA	11,157
GA	+1,750	GA	+40	SC	+83	TX	120,370	PA	6,464	MD	10,611
LA	+1,356	PA	+38	MA	+63	MA	107,439	MI	6,109	GA	10,123
SC	+912	IL	+36	VA	+61	FL	103,503	CA	5,580	CT	10,099
NC	+848	CH	+31	AL	+50	PA	82,696	CT	4,277	VA	8,572
TN	+750	NC	+28	MD	+39	MI	68,197	FL	3,333	CH	7,379
AL	+643	TX	+28	WI	+37	GA	67,678	LA	3,134	IN	6,853
<b>+23,646</b>		<b>+429</b>		<b>+908</b>		<b>1,430,600</b>		<b>81,413</b>		<b>187,915</b>	
All states	+32,984	All states	+703	All states	+1,257	All states	2,330,367	All states	114,809	All states	234,426
Top ten	72%	Top ten	61%	Top ten	72%	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	
MS	-1,035	MS	-29	MS	-80	SC	+1,527
KS	-406	RI	-6	NJ	-23	TX	+1,524
AR	-346	KS	-5	KS	-21	TN	+501
WA	-235	MO	-5	RI	-20	AR	+427
MO	-140	CR	-2	CR	-9	IN	+413



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

## Recommended reading

### [E.U. May Bar American Travelers as It Reopens Borders, Citing Failures on Virus](#)

Matina Stevis-Gridneff  
*New York Times*  
June 23, 2020

### [The Latest Research on COVID-19 Treatments and Medications in the Pipeline](#)

Jennifer Tran  
*GoodRx*  
June 18, 2020

### [Why the Left Should Oppose Lockdown](#)

Phil Shannon  
*Lockdown Sceptics*  
June 21, 2020

### [Coronavirus is weakening, could disappear on its own: Italian doctor](#)

Jackie Salo  
*New York Post*  
June 21, 2020

### [China's Meat Fears Spill Over to Soy With Virus-Free Request](#)

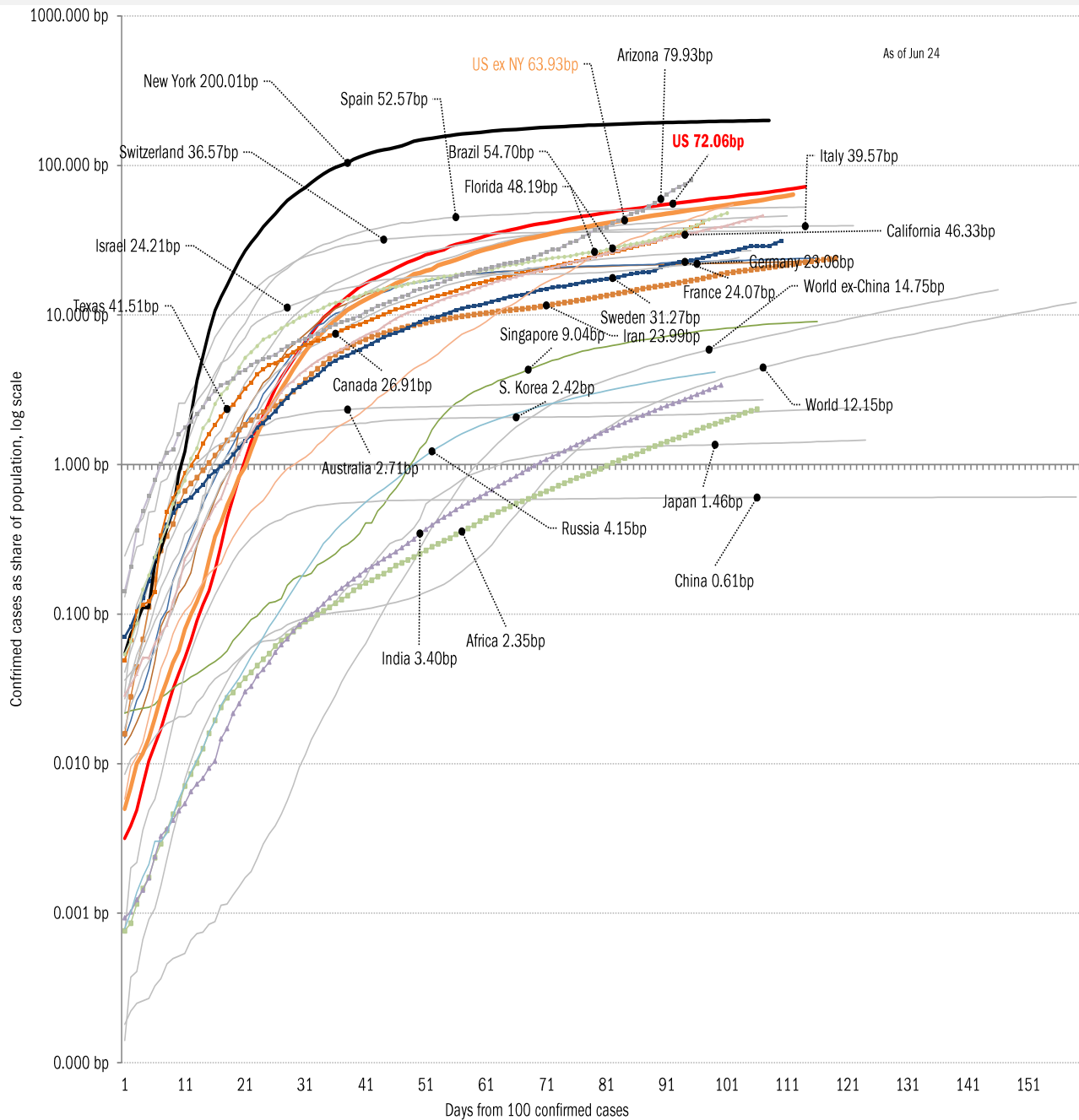
Isis Almeida, Michael Hirtzer, and Tatiana Freitas  
*Bloomberg*  
June 22, 2020

## Meme of the day



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

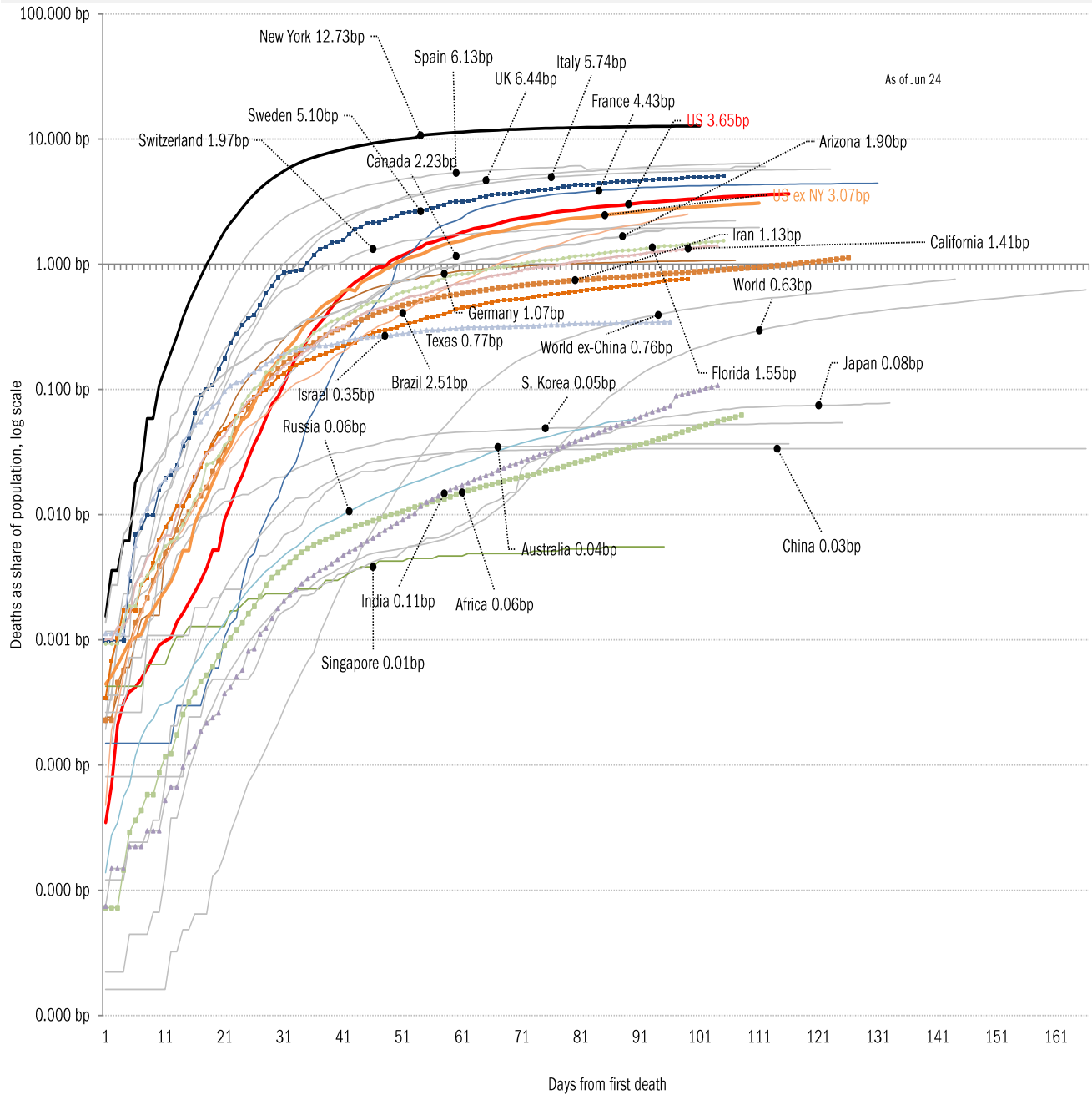
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

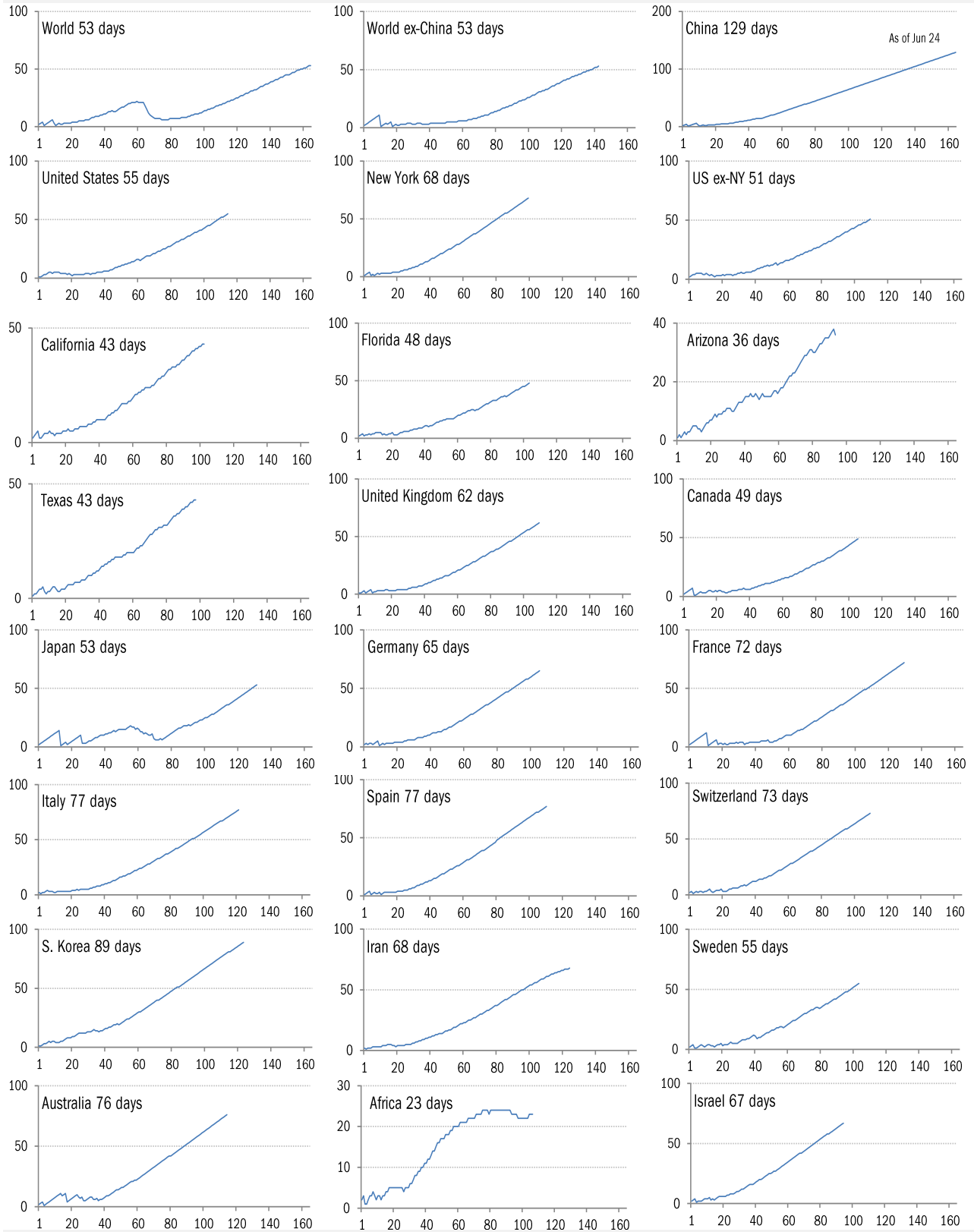
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

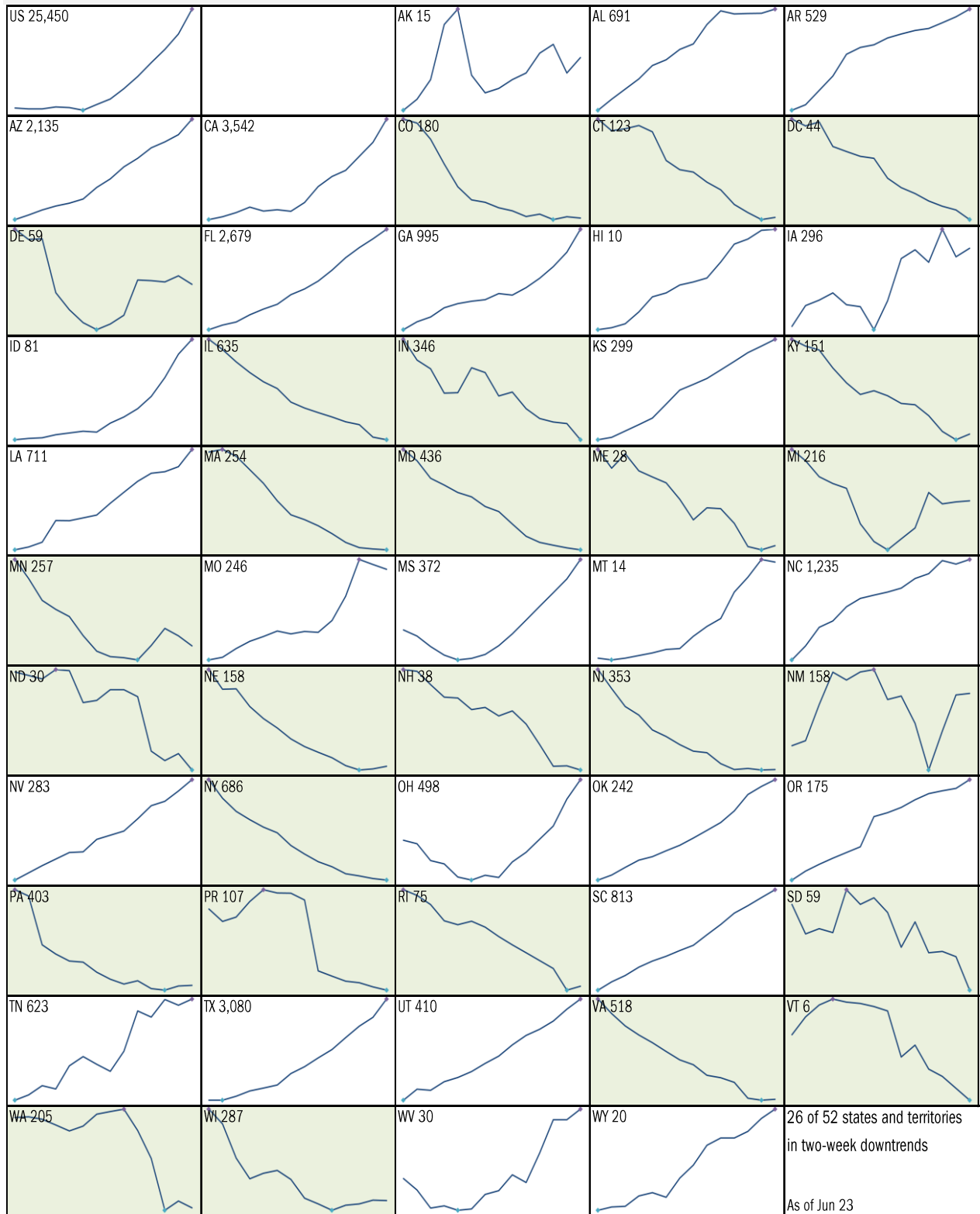
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



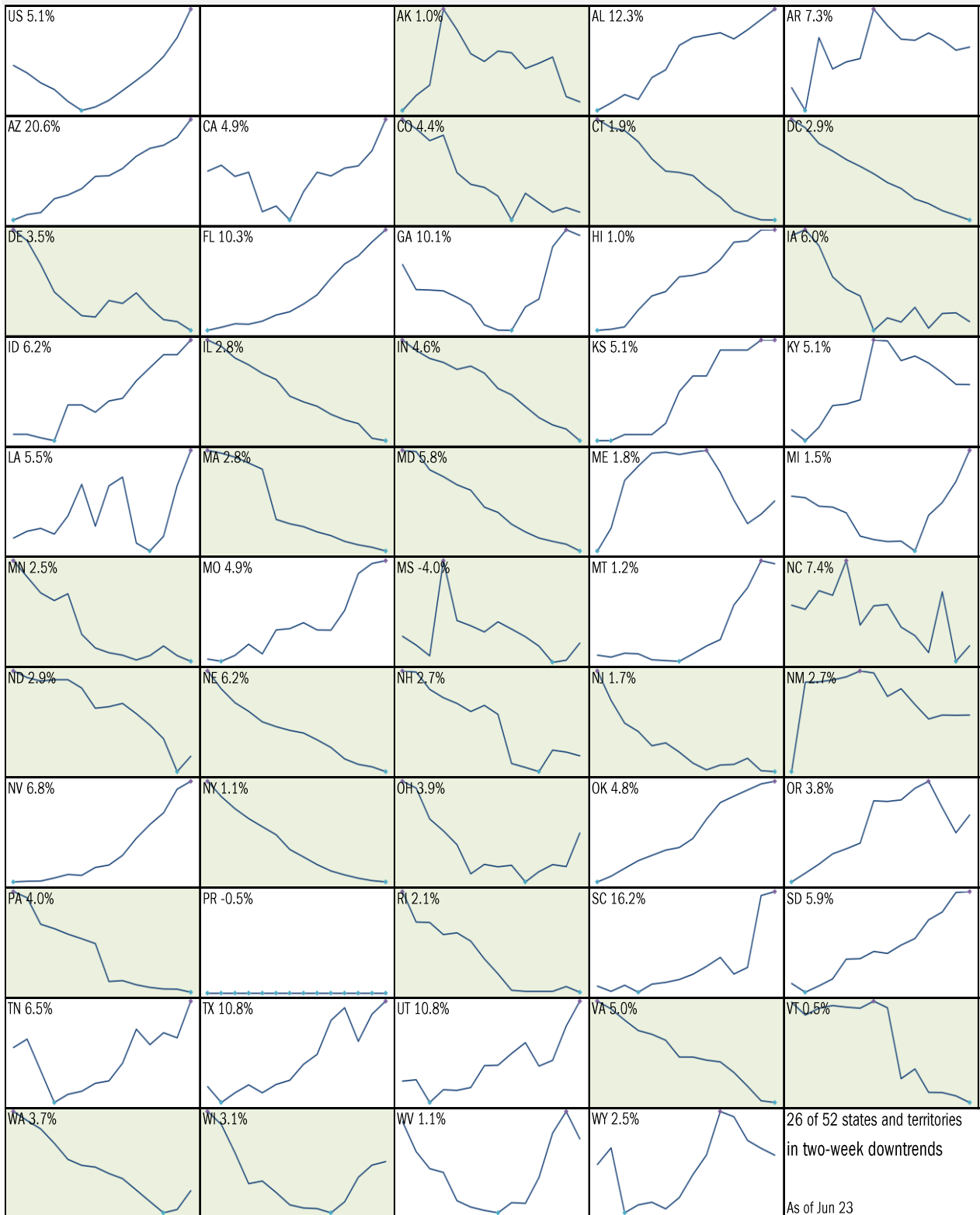
Source: [ECDC](#), TrendMacro calculations

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



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



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

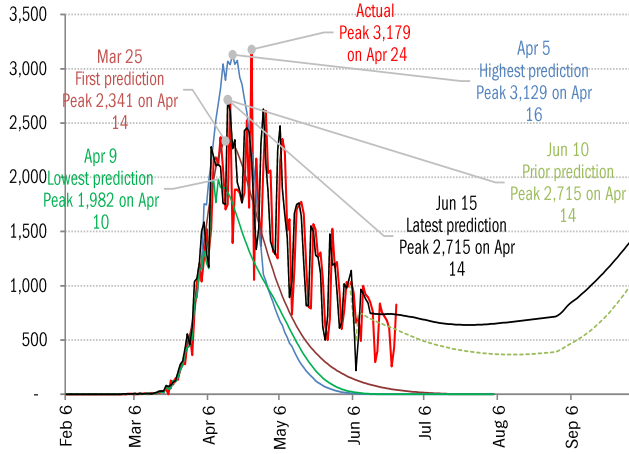


# Reality-checking the models: actuals versus [IHME predictions](#)

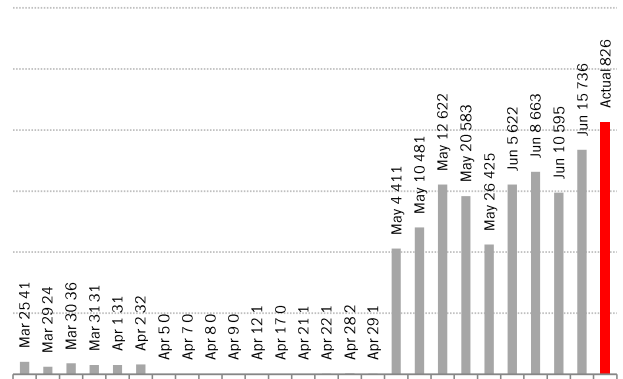
## New daily fatalities

As of Jun 24

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

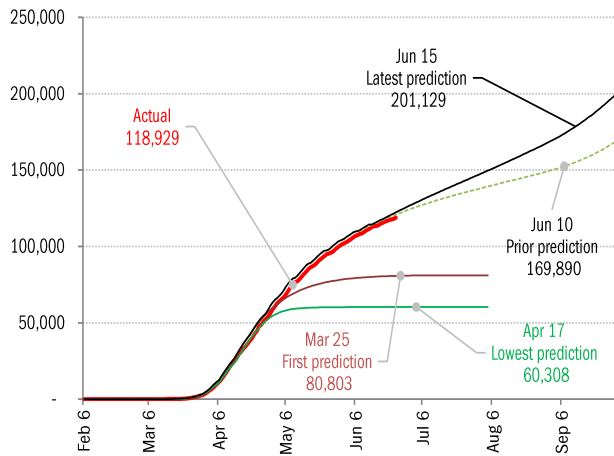


For this day, versus all model mean predictions

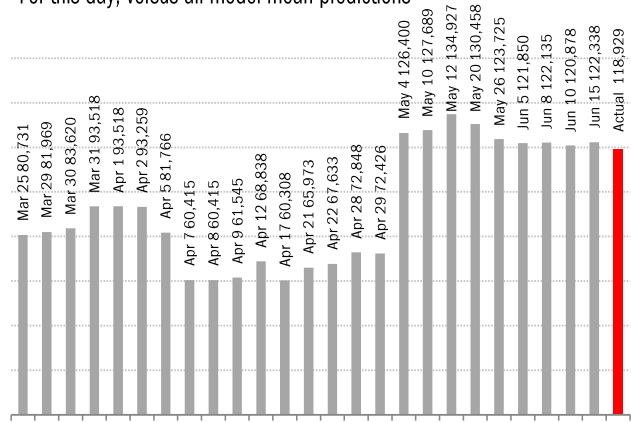


## Cumulative fatalities

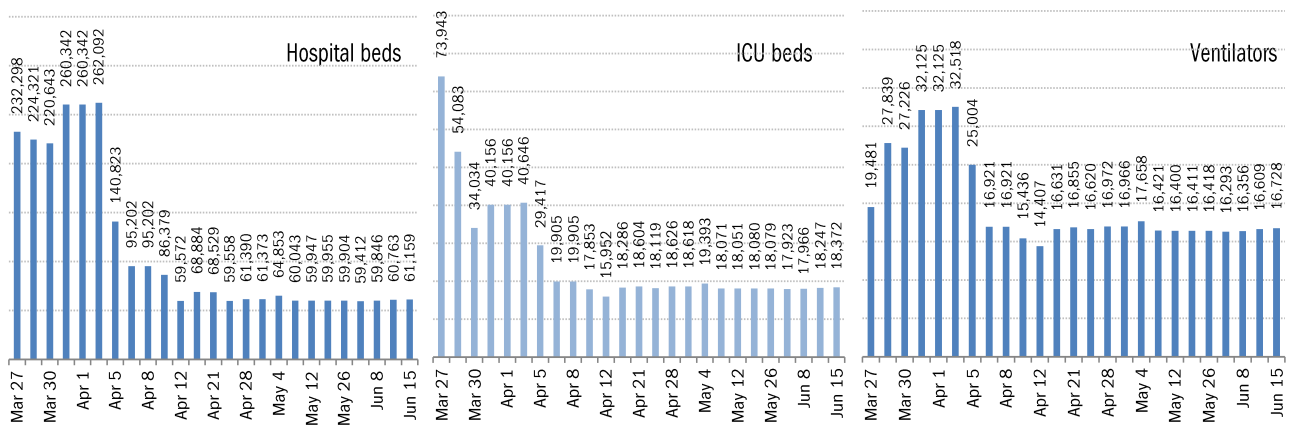
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

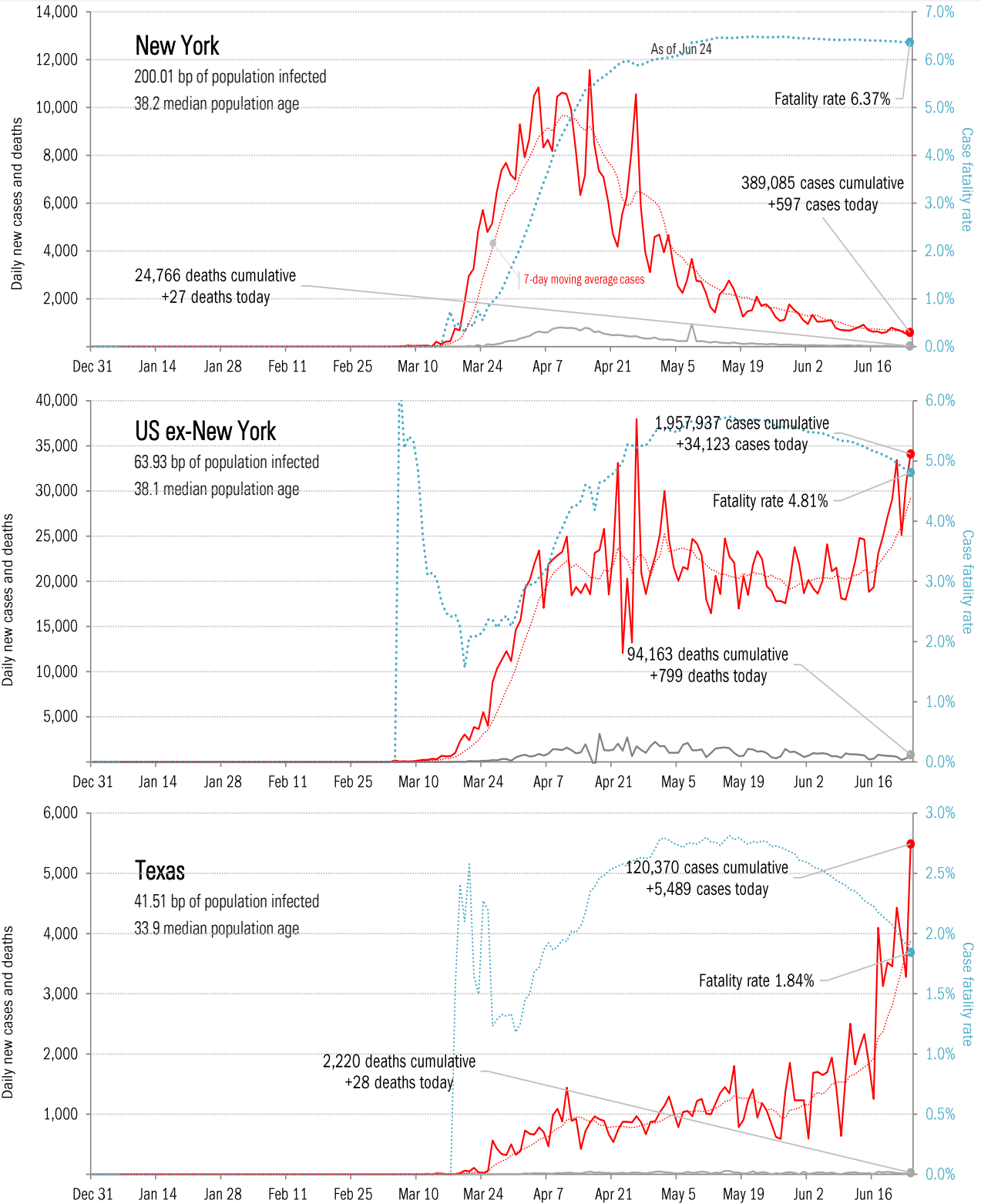


## Healthcare system stress, peak estimated at each model revision



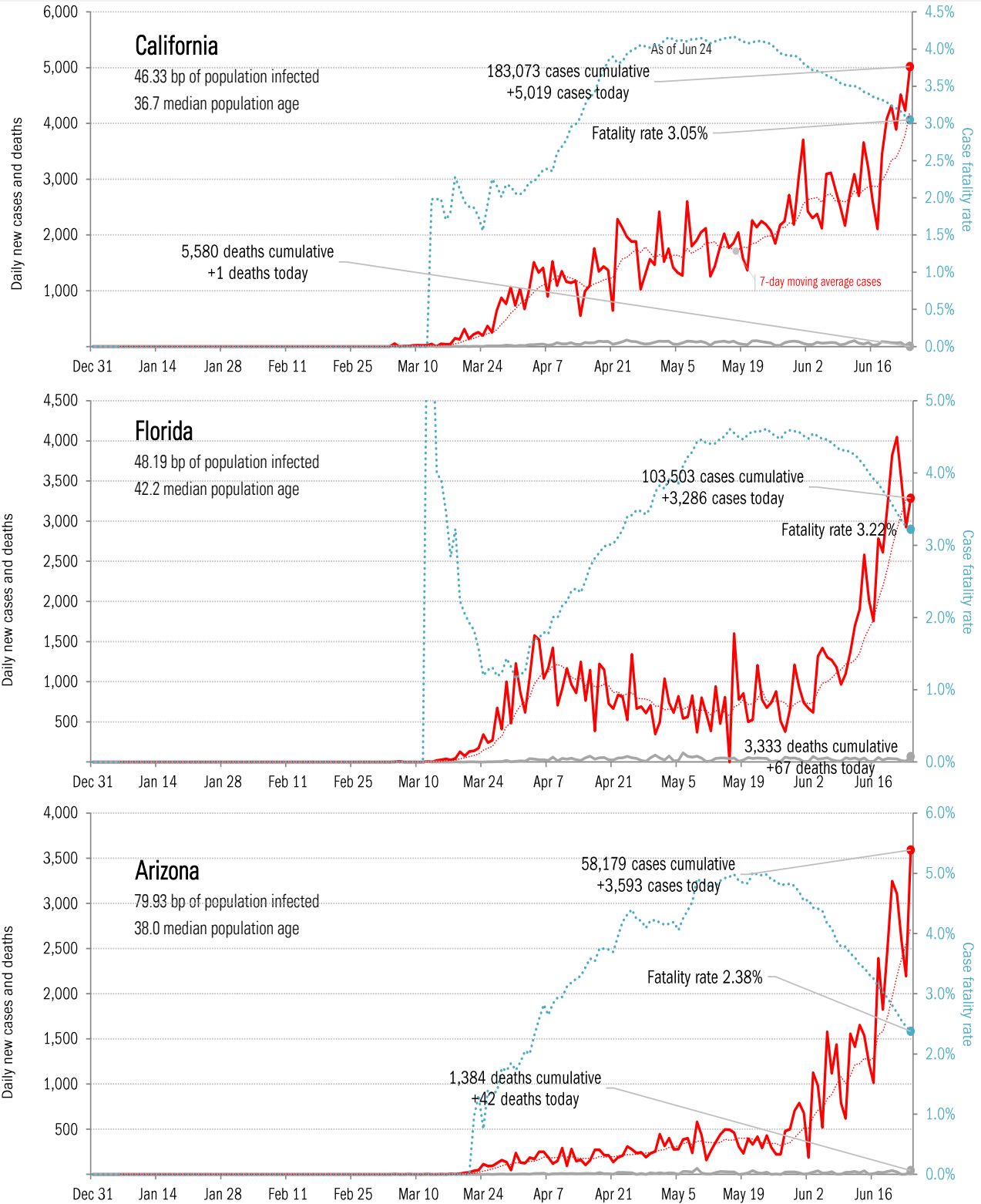
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



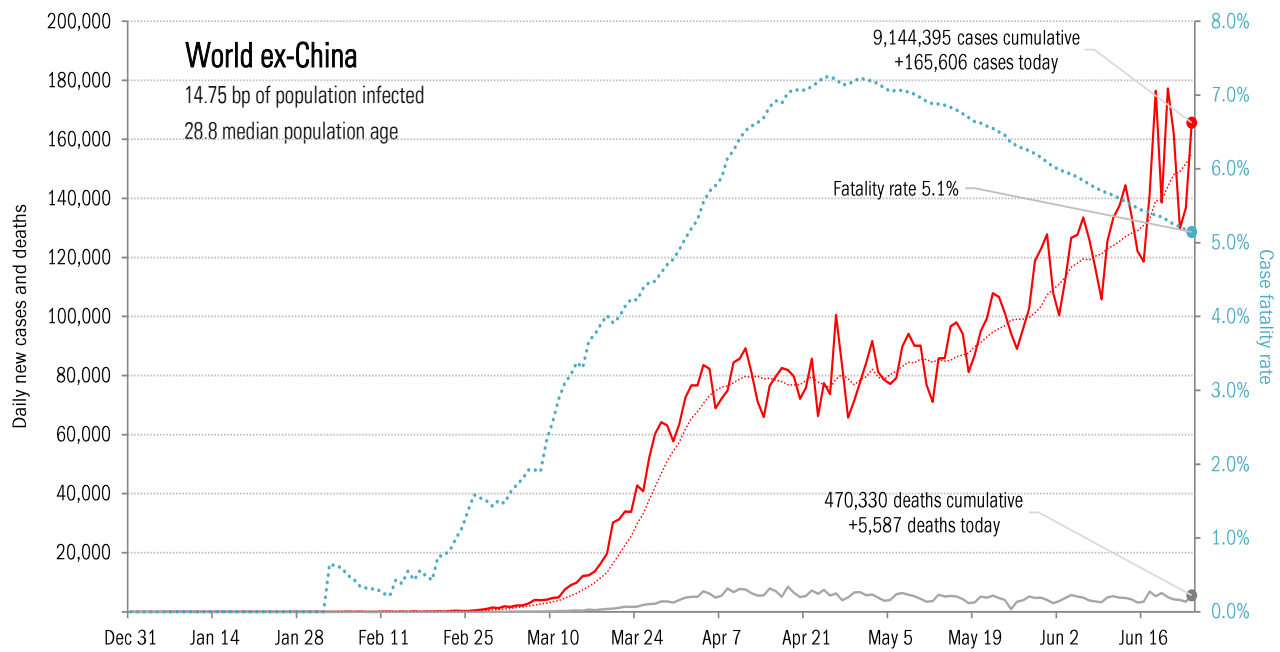
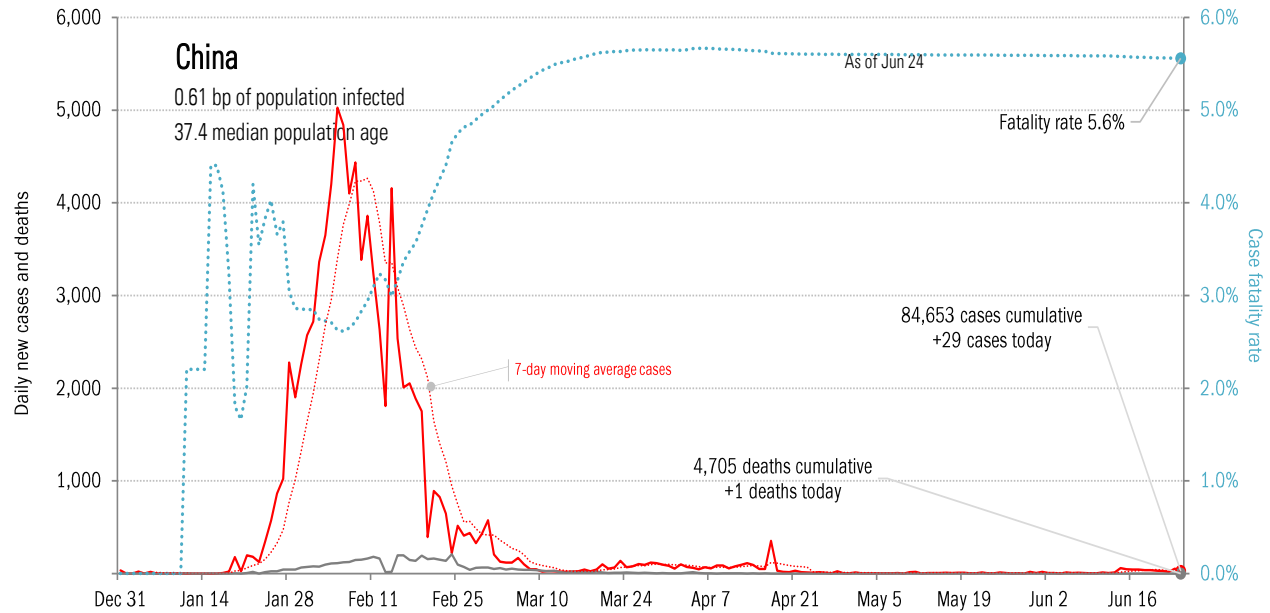
Source: [ECDC](#), TrendMacro calculations

# The "second wave" states (other than Texas)



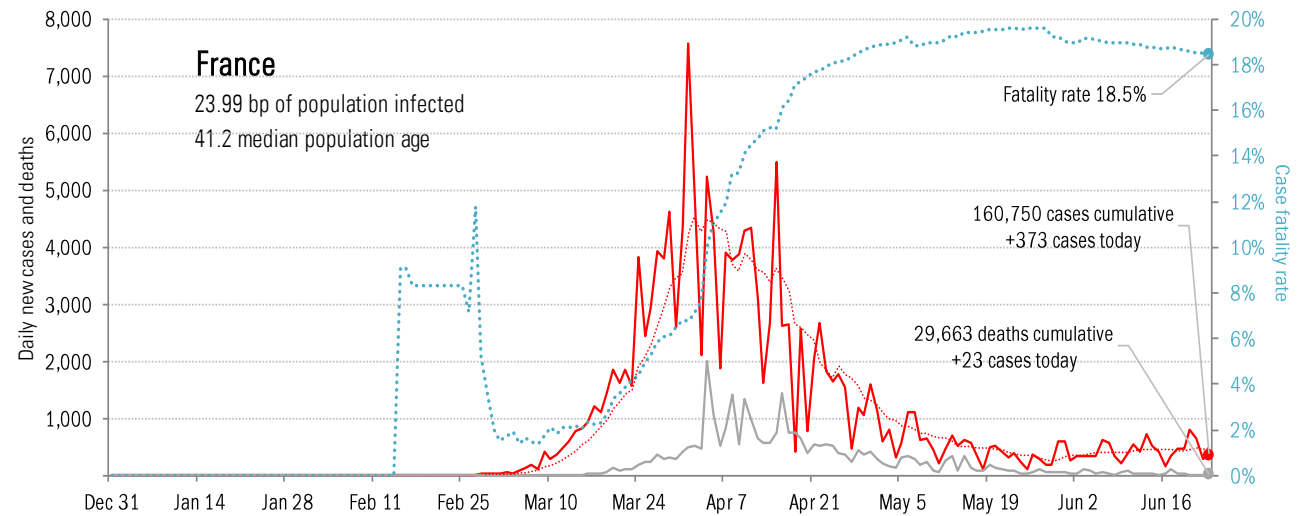
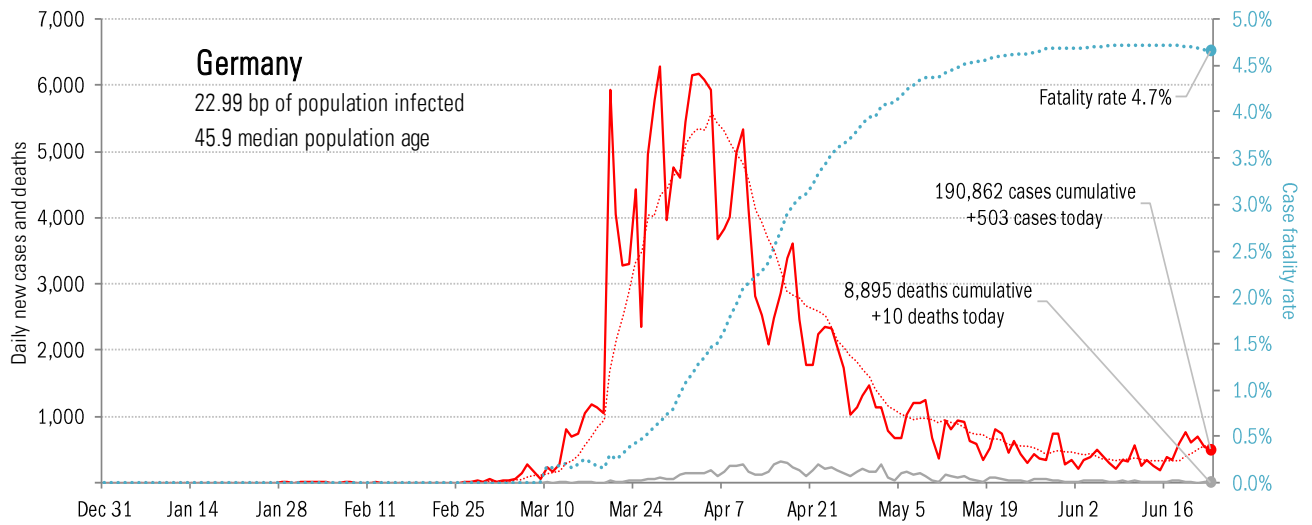
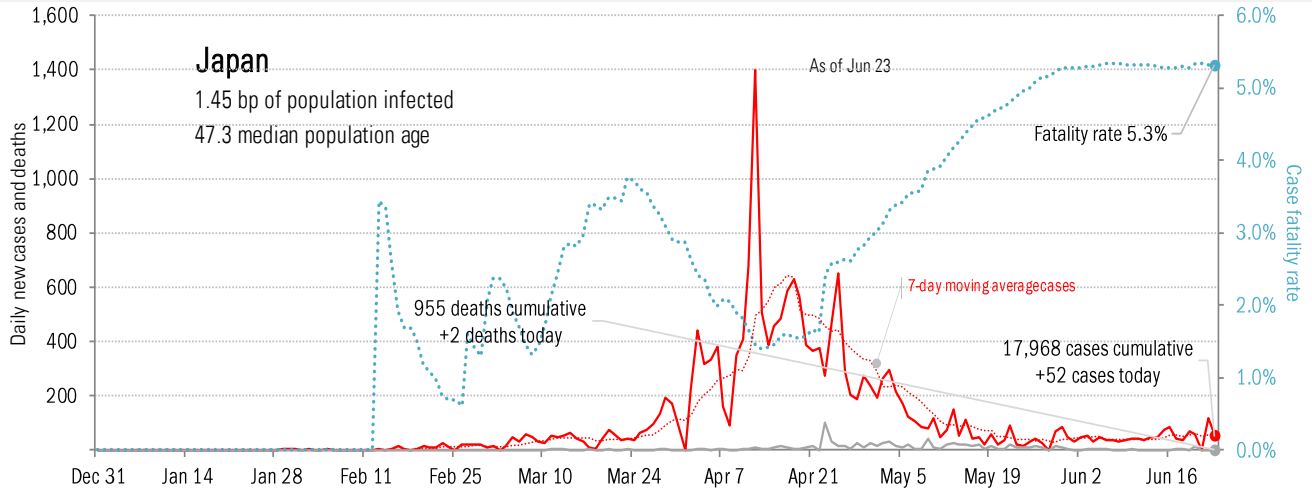
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



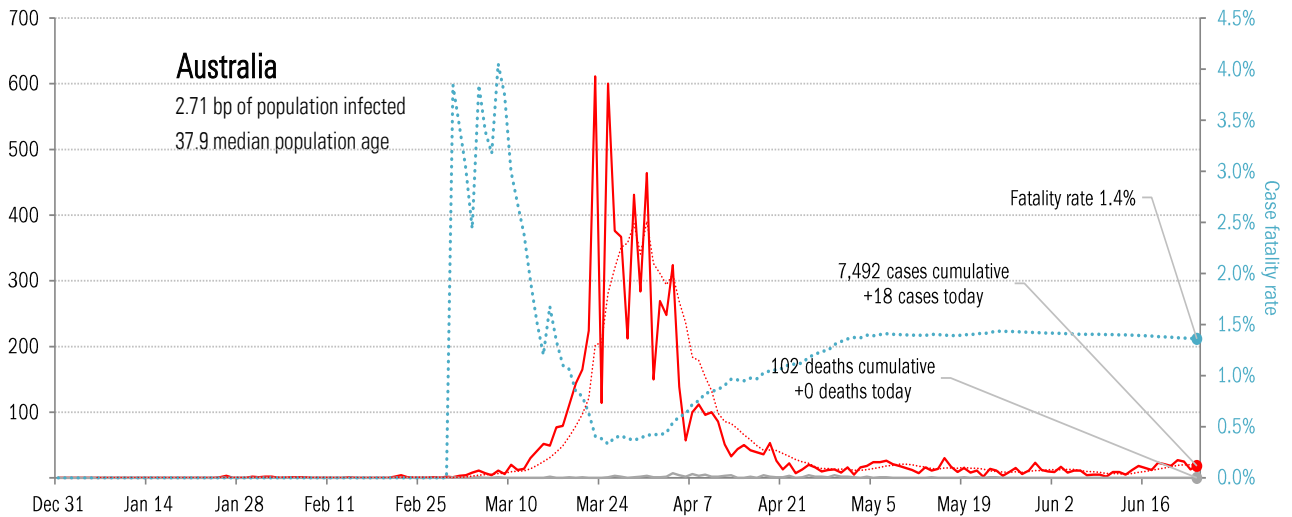
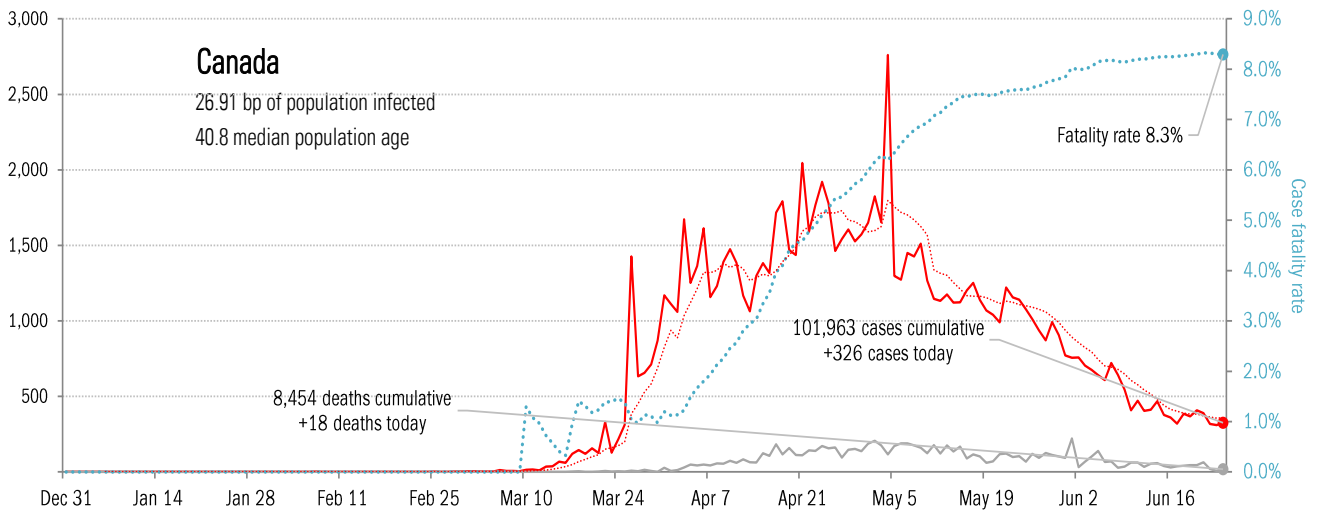
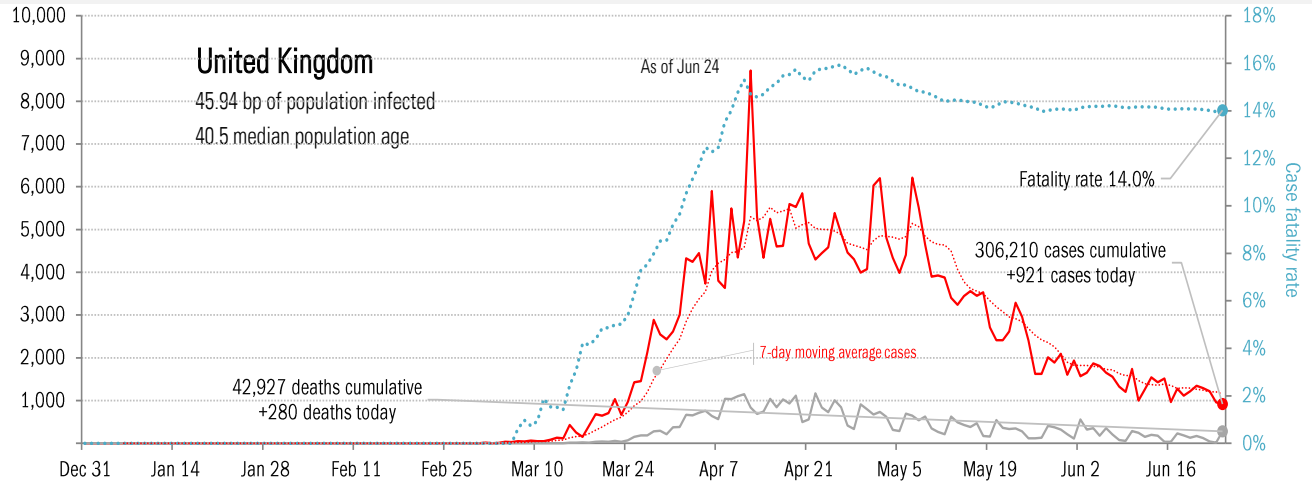
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



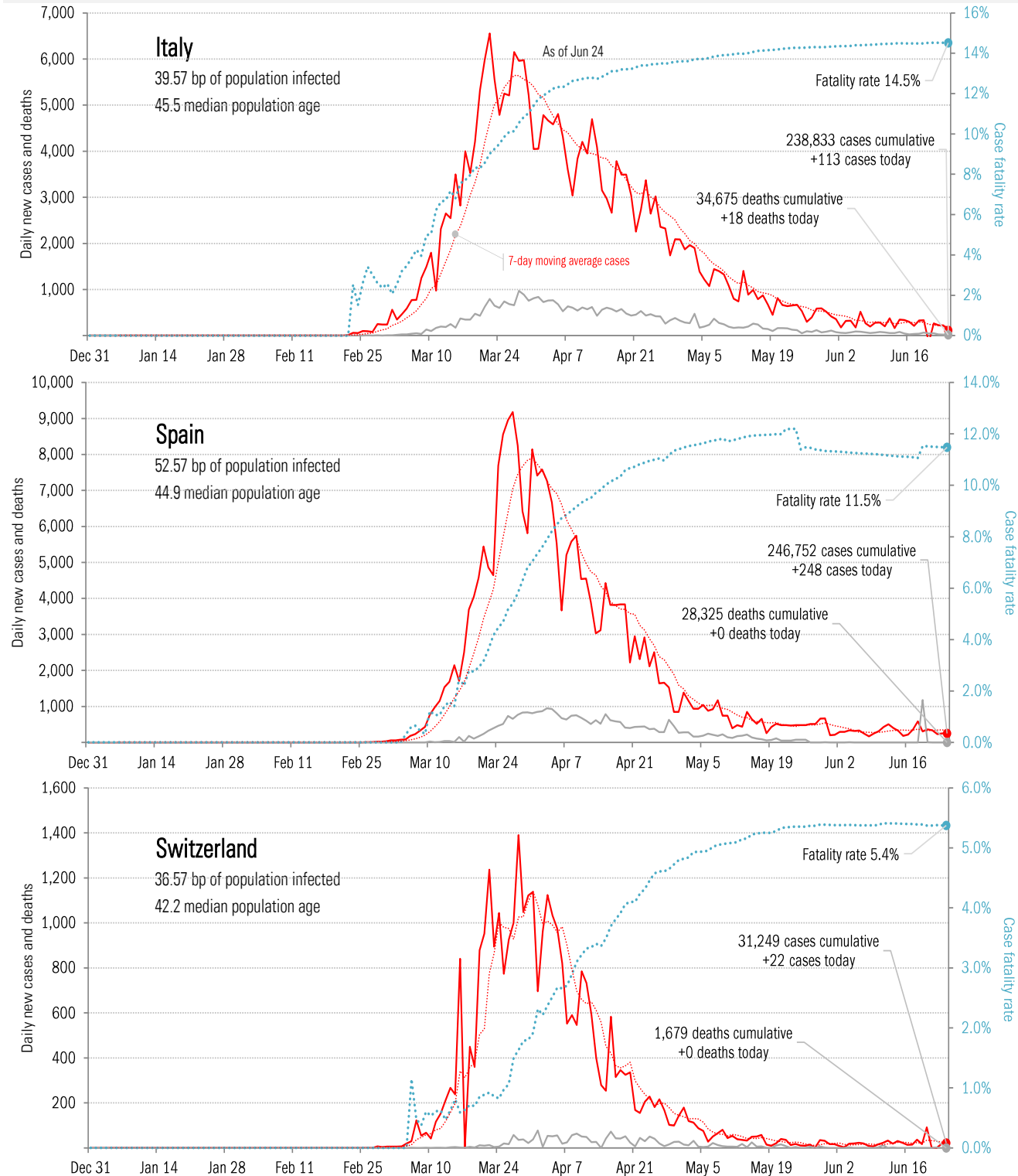
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



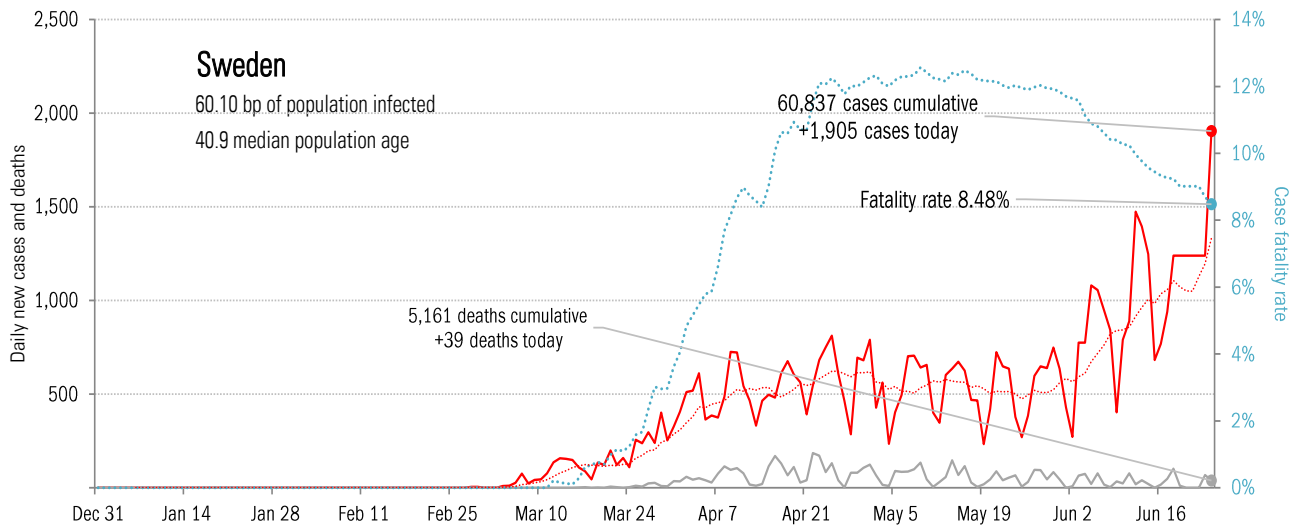
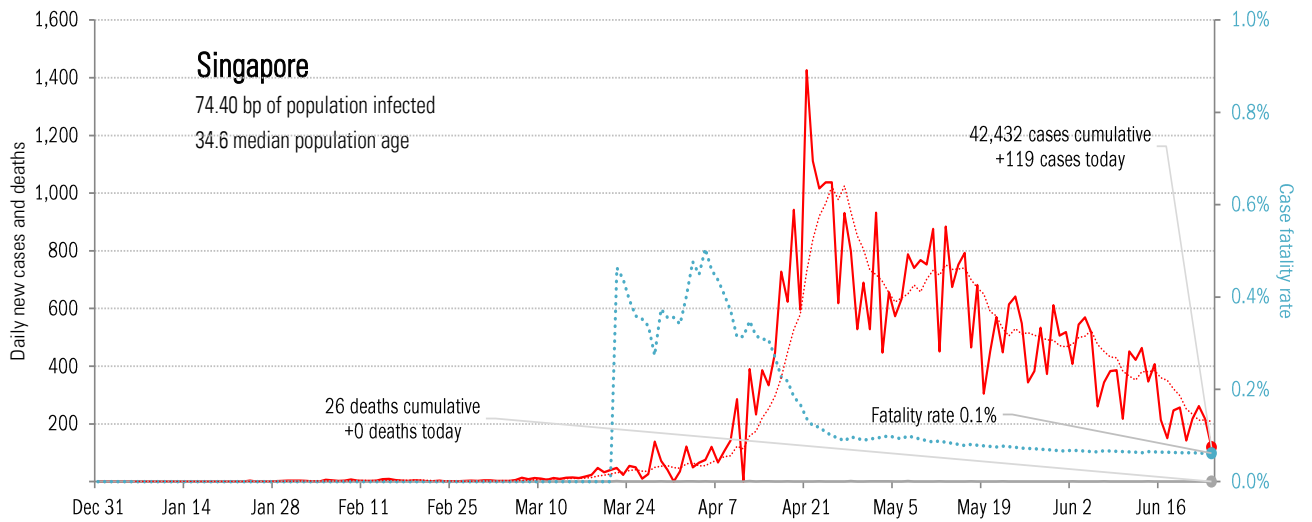
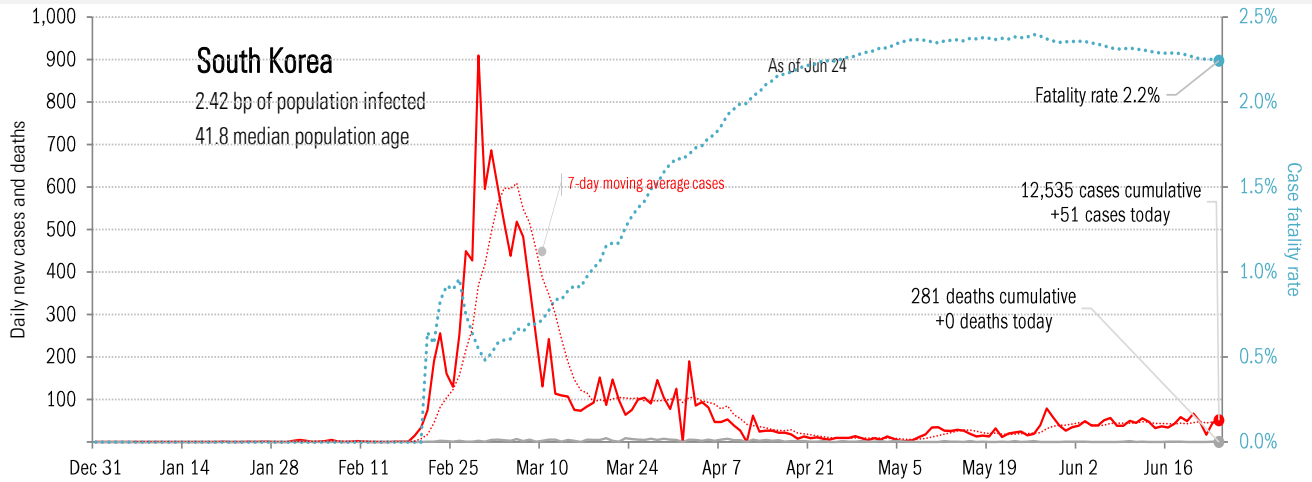
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

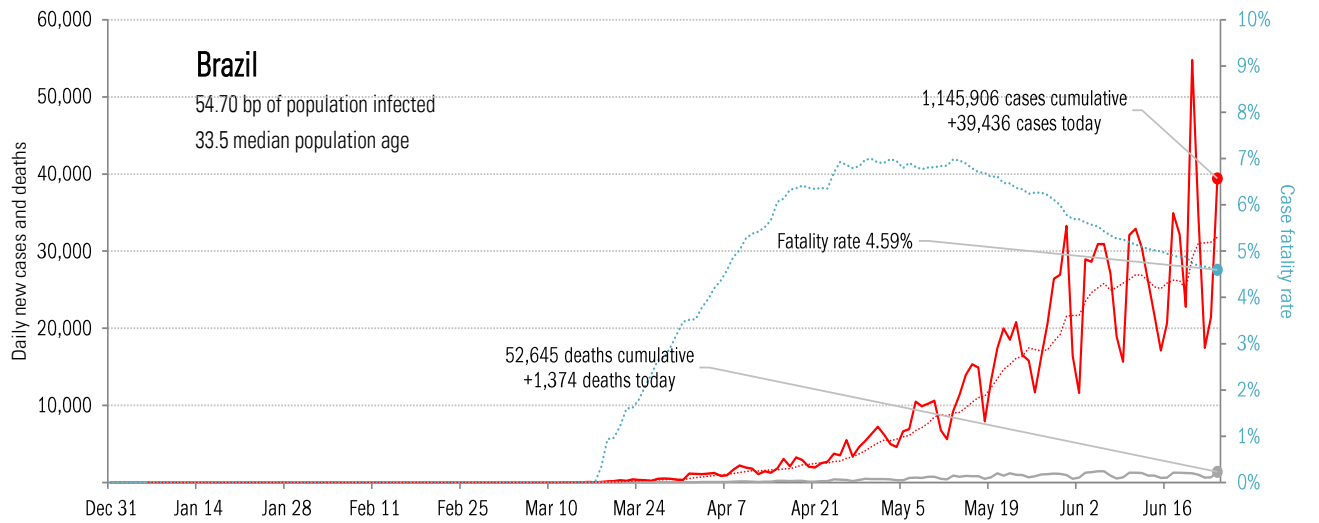
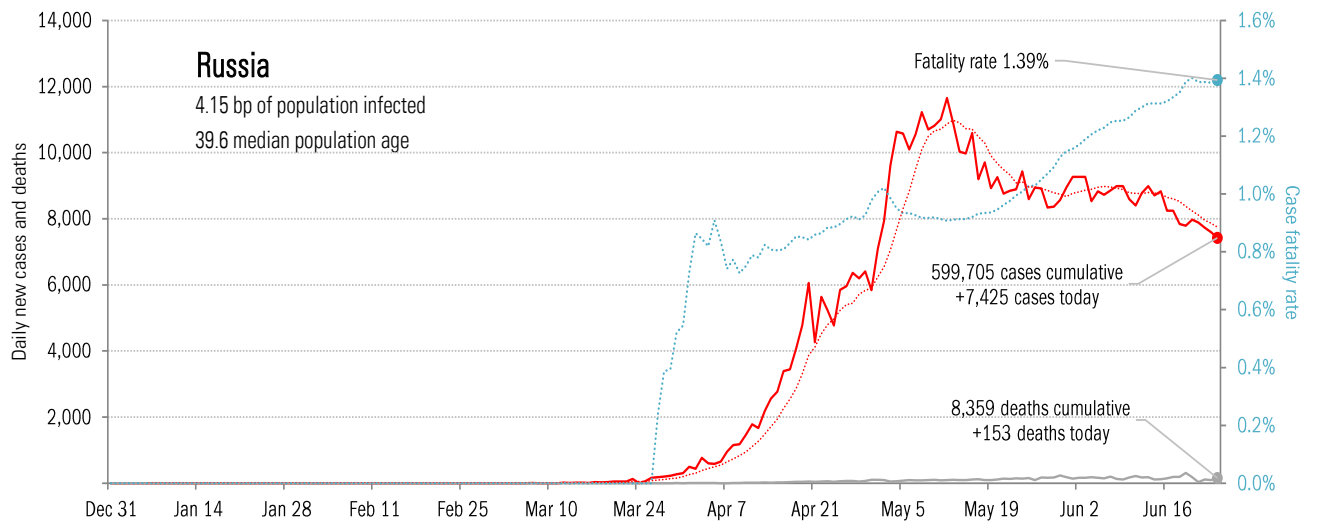
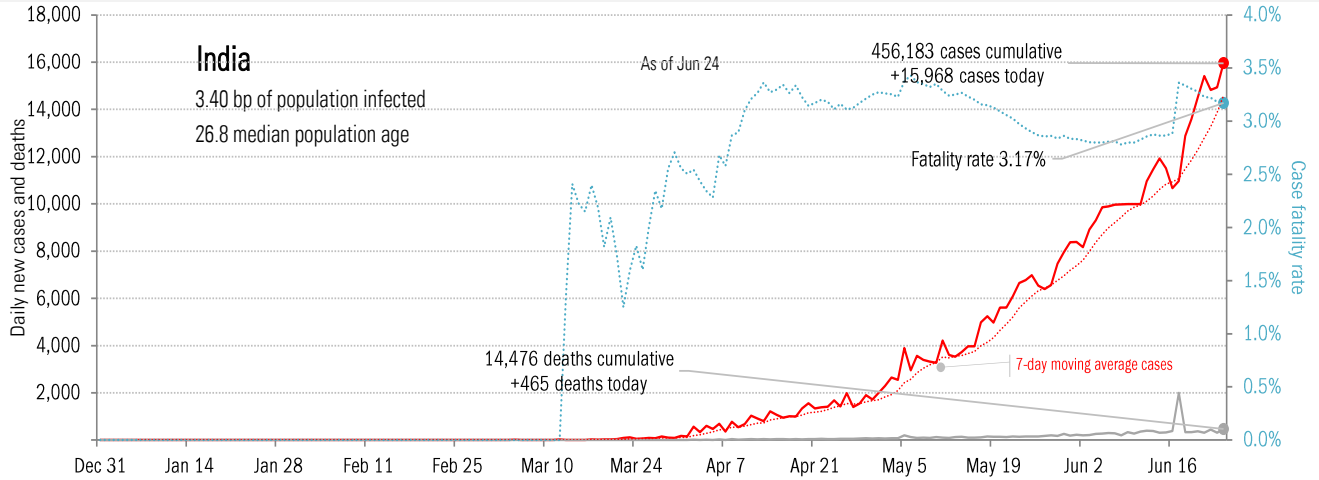
## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

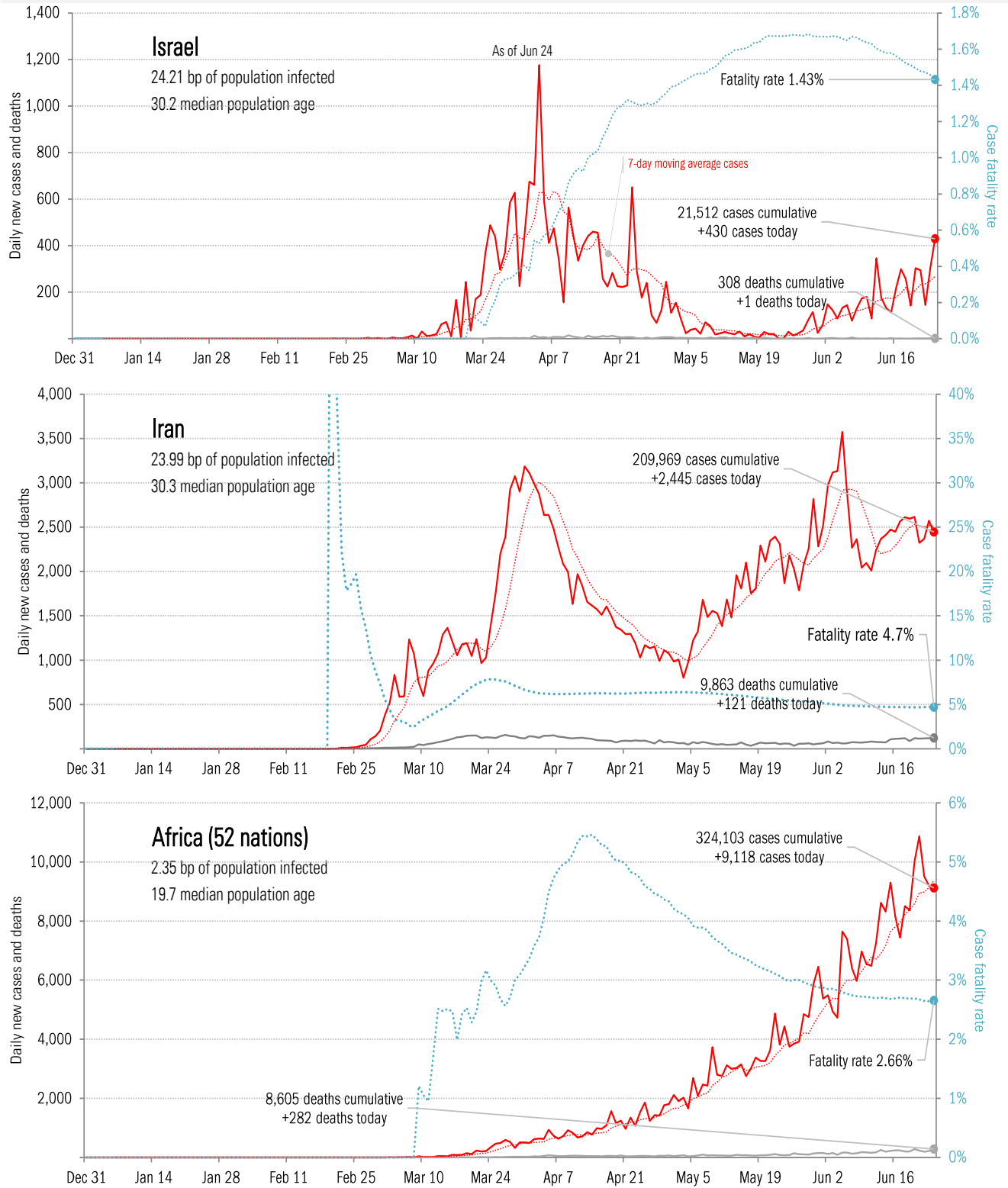


# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations