

## Data Insights: Covid-2019 Monitor

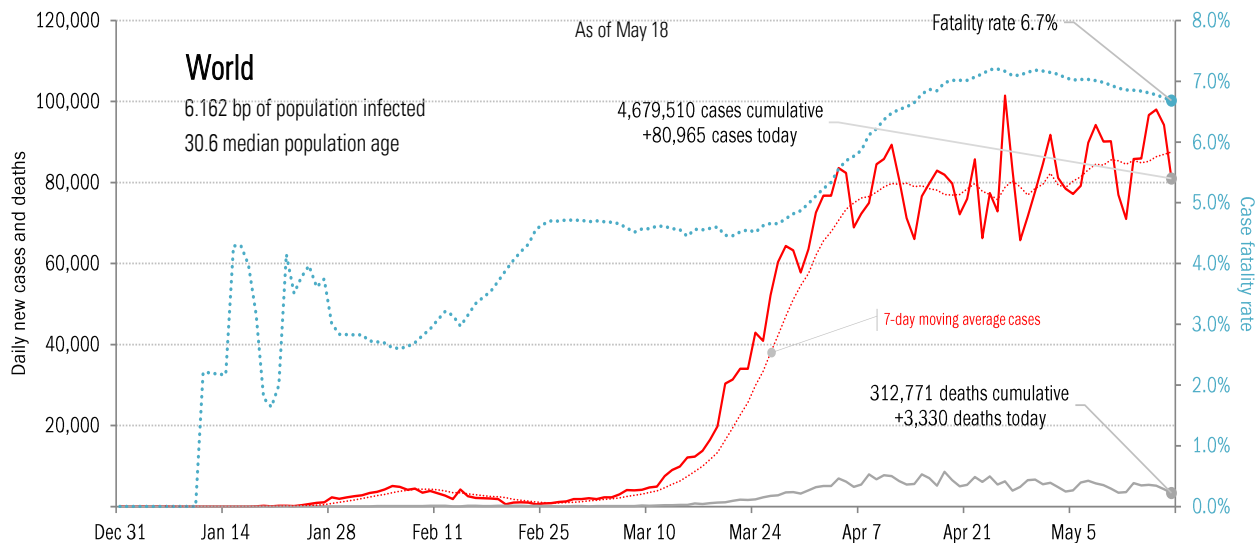
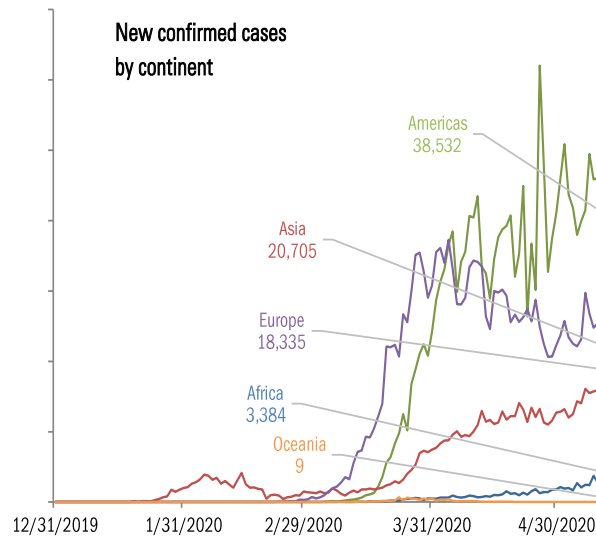
Monday, May 18, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+ 18,873	US	+ 808
Russia	+ 9,709	Brazil	+ 485
Brazil	+ 7,938	France	+ 483
India	+ 5,242	UK	+ 170
Peru	+ 3,732	India	+ 157
UK	+ 3,534	Italy	+ 145
Saudi	+ 2,736	Mexico	+ 132
Chile	+ 2,353	Peru	+ 125
Mexico	+ 2,075	Canada	+ 103
Pakistan	+ 1,974	Russia	+ 94
<b>+ 58,166</b>		<b>+ 2,702</b>	
World	+ 80,965	World	+ 3,330
Top ten	72%	Top ten	81%

#### New confirmed cases by continent



Source: [ECDC](#), 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

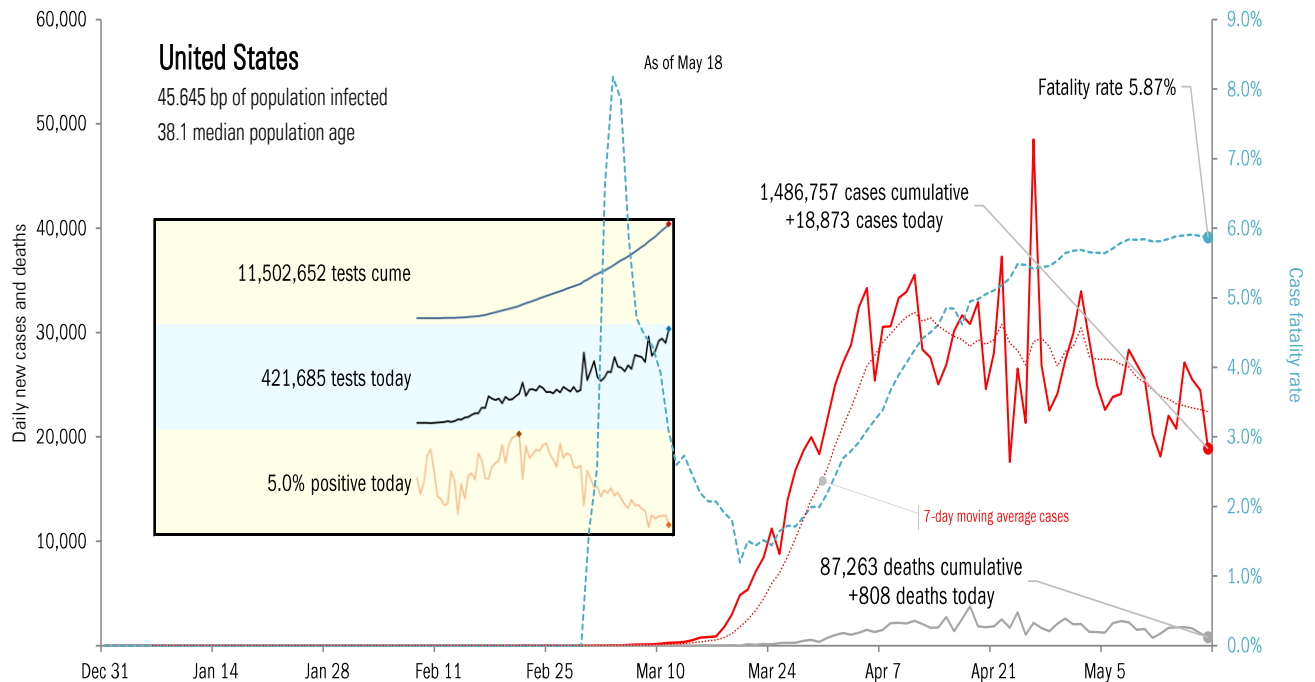
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cume cases		Cume deaths		Cume in hospital	
CA	+2,046	NY	+141	NY	+362	NY	350,121	NY	22,619	NY	75,525
NY	+1,889	NJ	+107	MD	+238	NJ	146,334	NJ	10,356	CT	10,946
IL	+1,734	MA	+92	VA	+103	IL	94,191	MA	5,797	MA	8,539
NJ	+1,245	CT	+69	FL	+85	MA	86,010	MI	4,891	FL	8,478
MA	+1,077	CA	+57	MA	+83	CA	78,839	PA	4,418	MD	6,993
MD	+836	IL	+48	GA	+55	PA	62,234	IL	4,177	GA	6,790
TX	+785	CO	+42	MN	+51	MI	51,142	CT	3,408	VA	5,517
FL	+777	MD	+35	OH	+51	TX	47,784	CA	3,261	OH	4,921
CT	+716	TX	+31	MS	+25	FL	45,588	LA	2,491	IN	4,389
VA	+705	MN	+22	CO	+24	MD	38,804	FL	2,049	CO	3,866
<b>+11,810</b>		<b>+644</b>		<b>+1,077</b>		<b>1,001,047</b>		<b>63,467</b>		<b>135,964</b>	
All states	+21,069	All states	+839	All states	+1,179	All states	1,479,856	All states	83,854	All states	156,905
Top ten	56%	Top ten	77%	Top ten	91%	Top ten	68%	Top ten	76%	Top ten	87%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-1,016	PA	-46	FL	-315	TX	+969
FL	-824	MI	-44	GA	-242	MN	+604
NY	-530	FL	-40	MA	-59	NY	+585
MA	-435	IN	-40	NY	-50	NJ	+360
PA	-366	CA	-39	AZ	-38	IA	+227



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

## Recommended reading

### [The Unexamined Model Is Not Worth Trusting](#)

Chris von Csefalvay  
*City Journal*  
May 15, 2020

### [Why American life went on as normal during the killer pandemic of 1969](#)

Eric Spitznagel  
*New York Post*  
May 16, 2020

### [An Orgy of Plague Death, Deferred](#)

Noah Rothman  
*Commentary*  
May 14, 2020

### [Coronavirus couldn't have come at a worse time for Japan's yakuza gangs](#)

Tom Gillespie  
*Sky News*  
May 14, 2020

### ['We could open up again and forget the whole thing](#)

Fraser Myers  
*Spiked*  
May 15, 2020

## Meme of the day

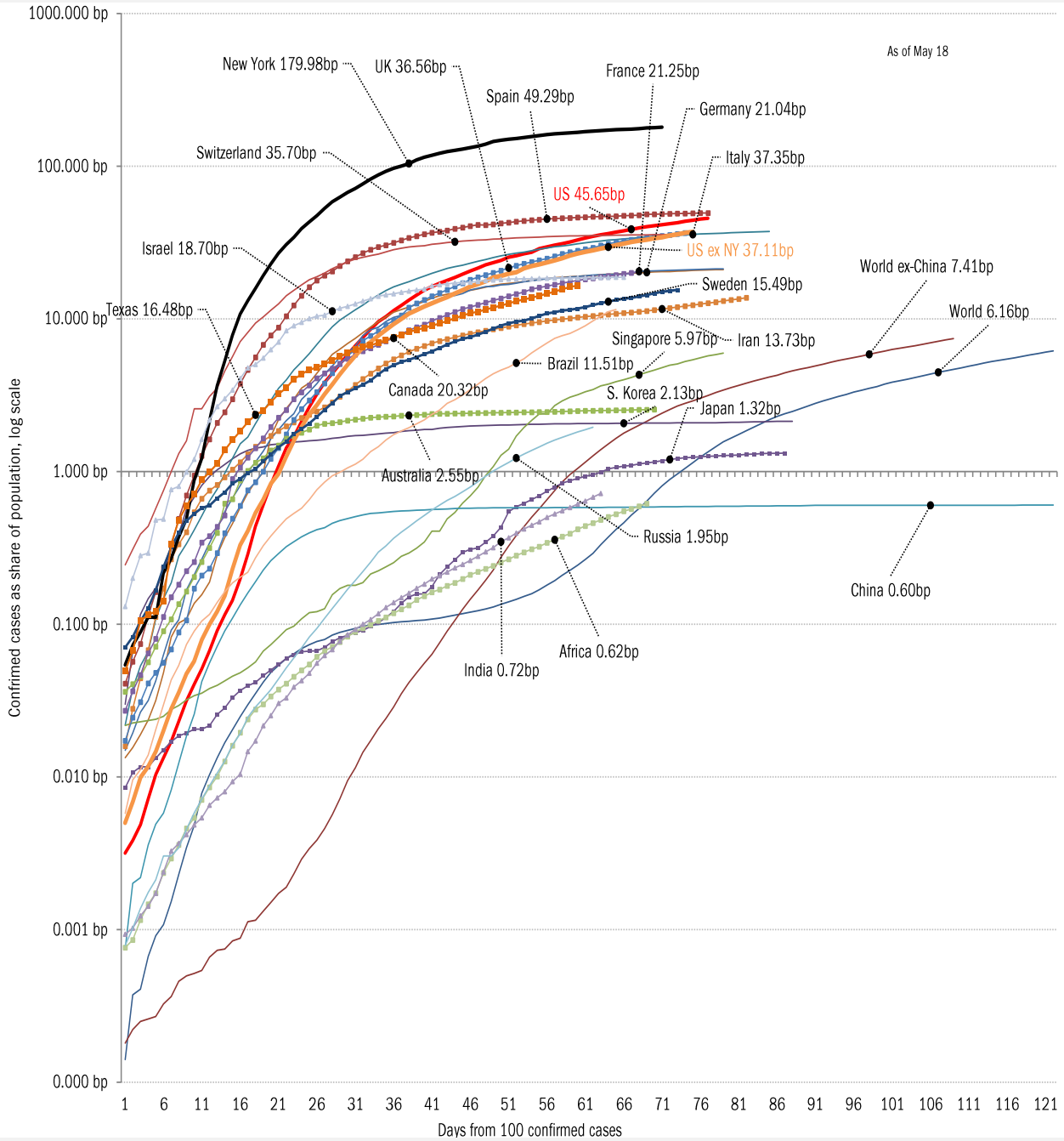
**The entire planet: "Stay home!!!!"**

**Texas:**



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

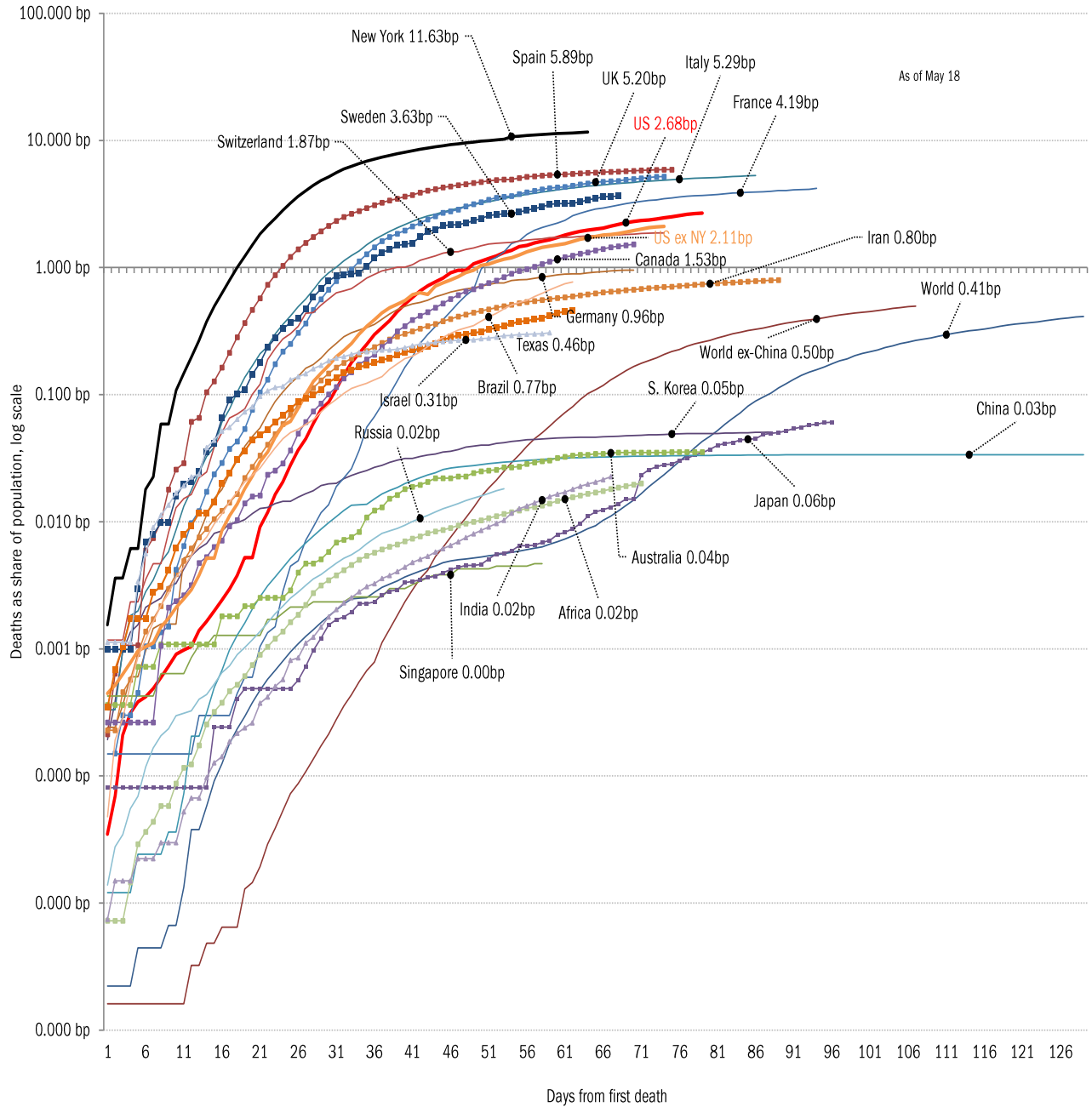
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

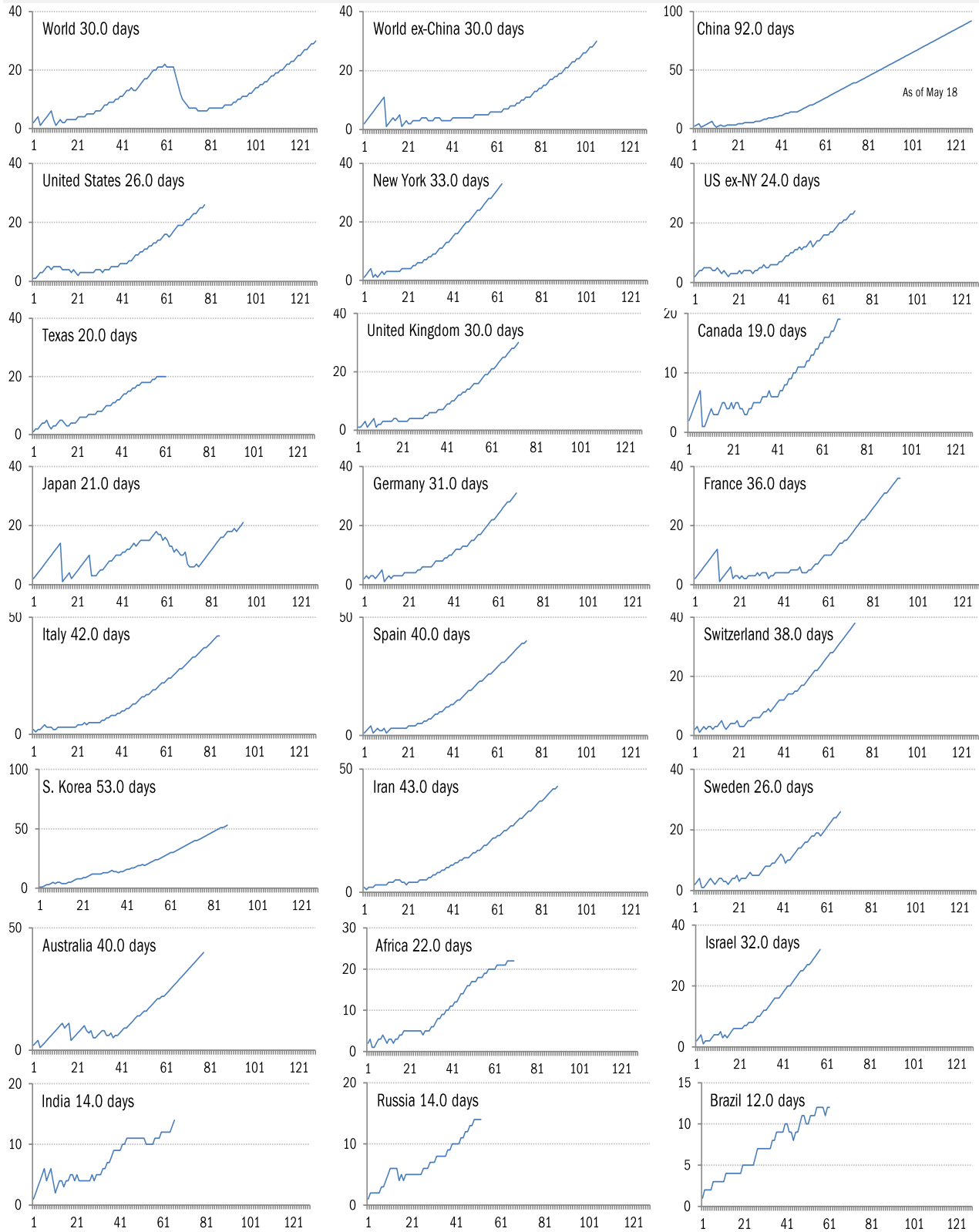
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

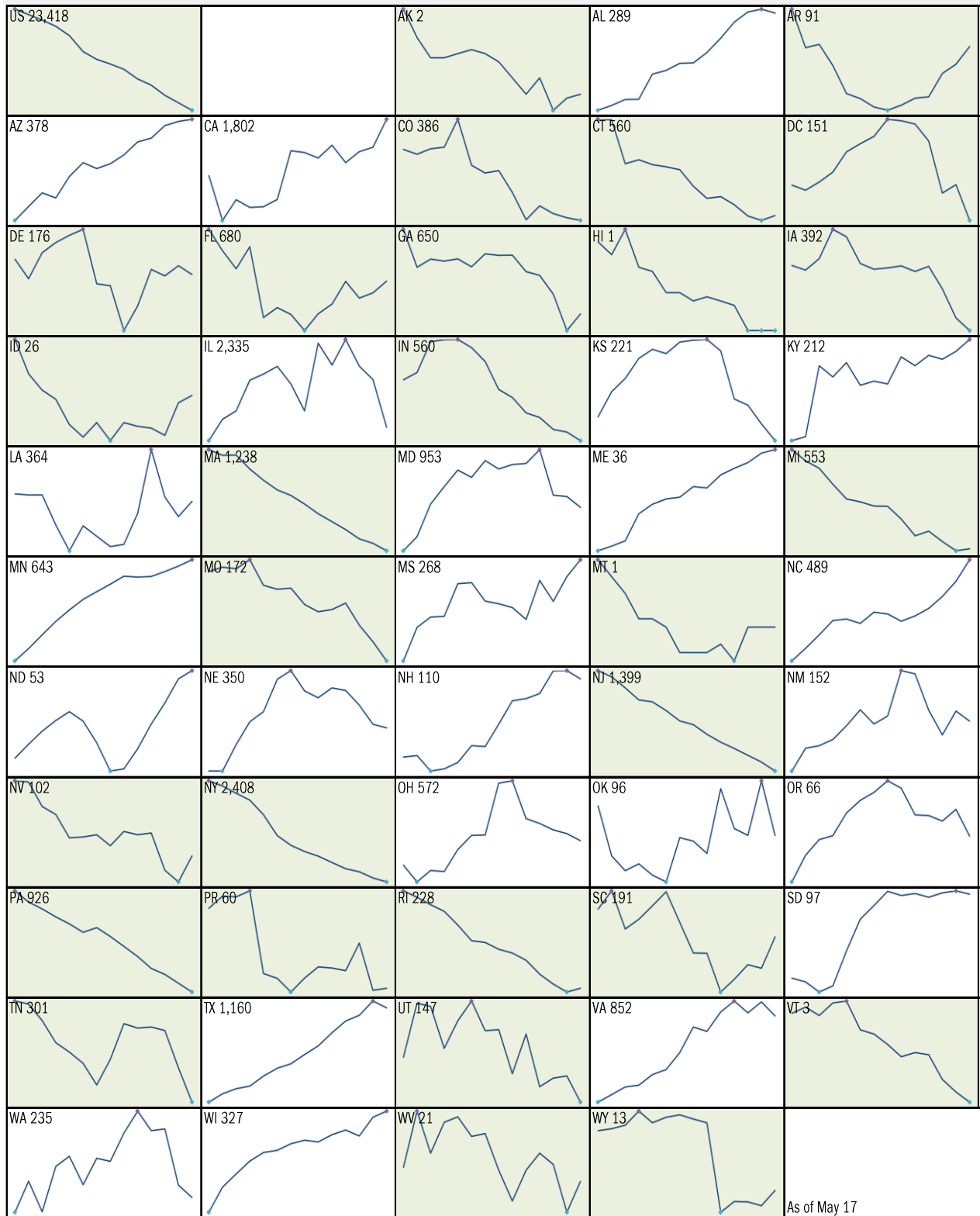
# Our most reliable evidence of slowing exponential growth of Covid-2019

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



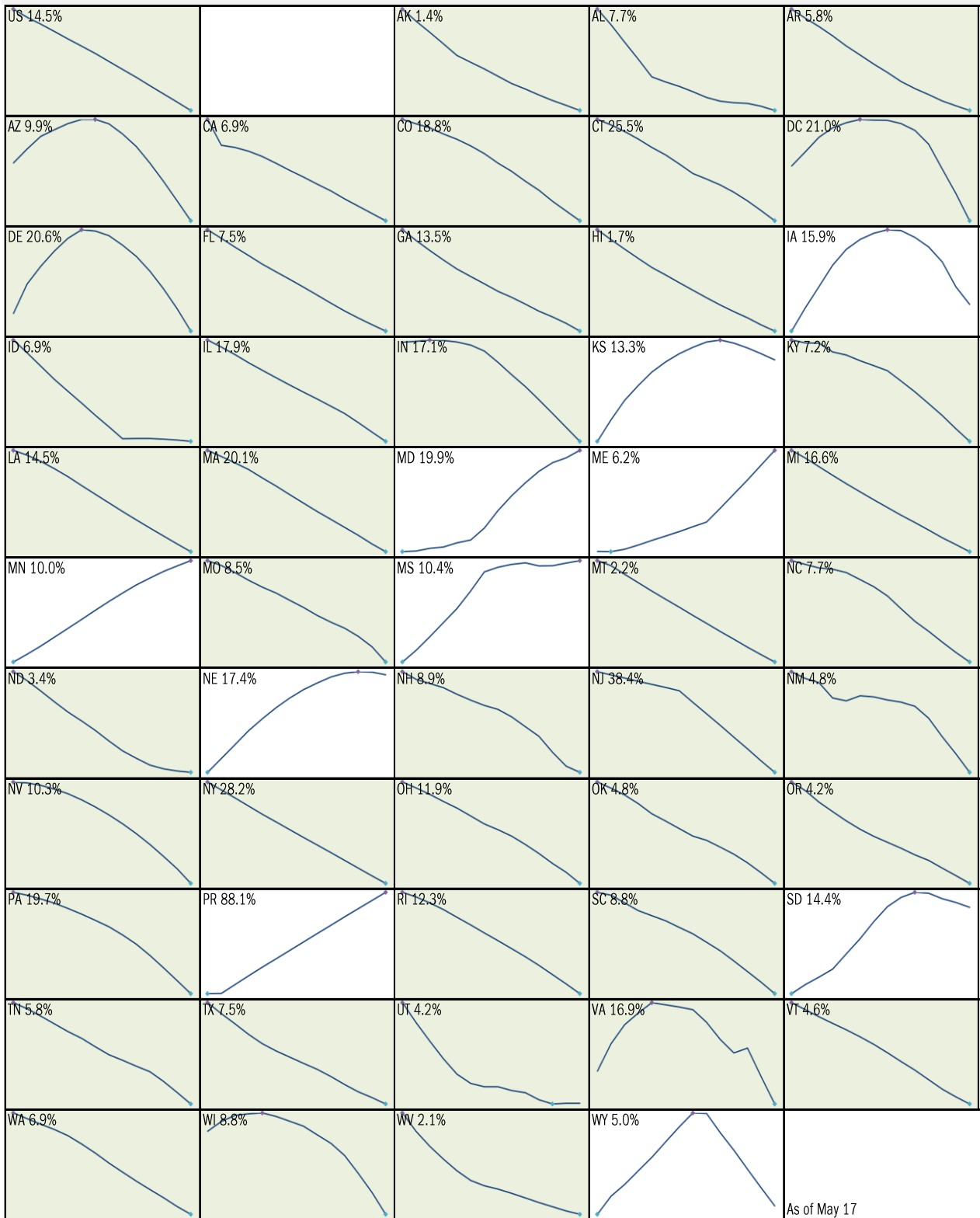
Source: [ECDC](#), TrendMacro calculations

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

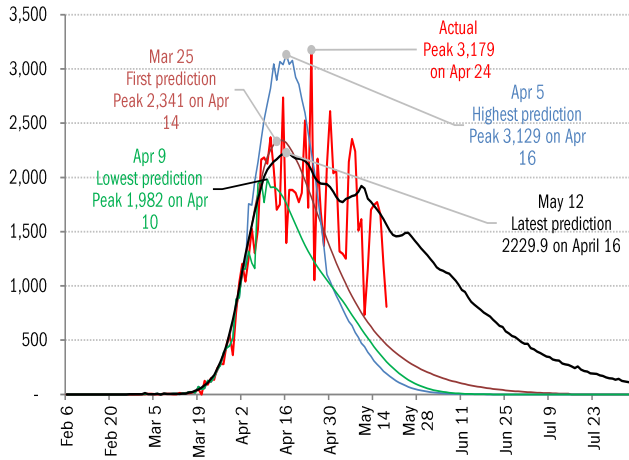


# Reality-checking the models: actuals versus [IHME predictions](#)

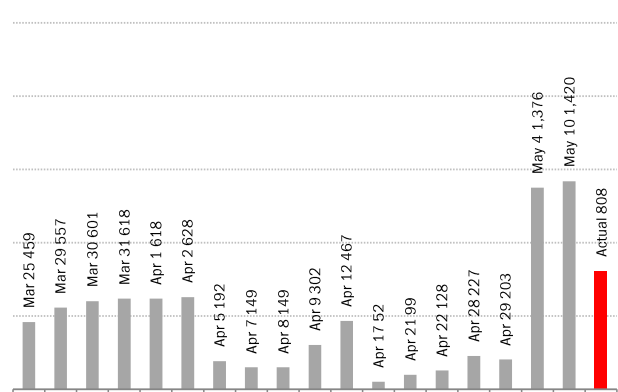
## New daily fatalities

As of May 18

Actual versus first, highest and latest model mean predictions

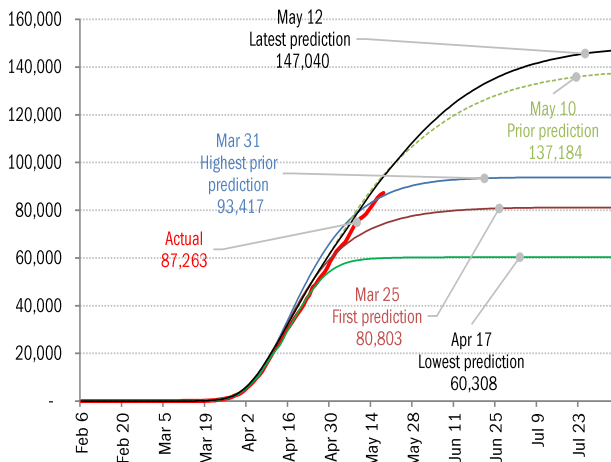


For this day, versus all model mean predictions

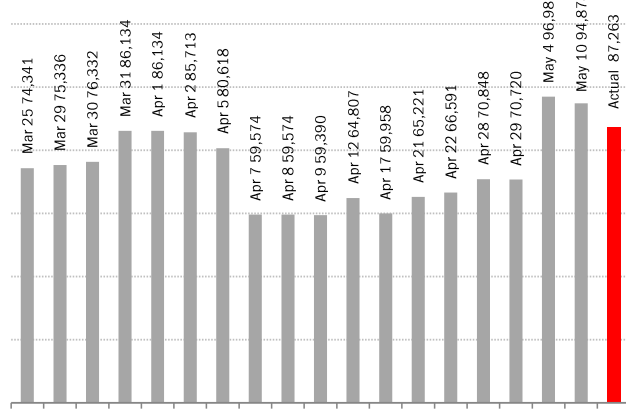


## Cumulative fatalities

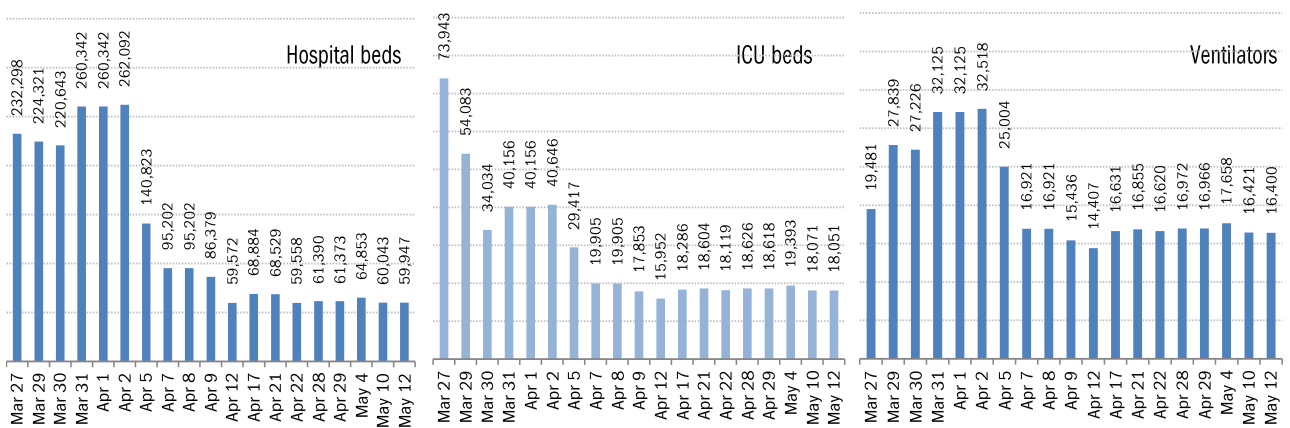
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

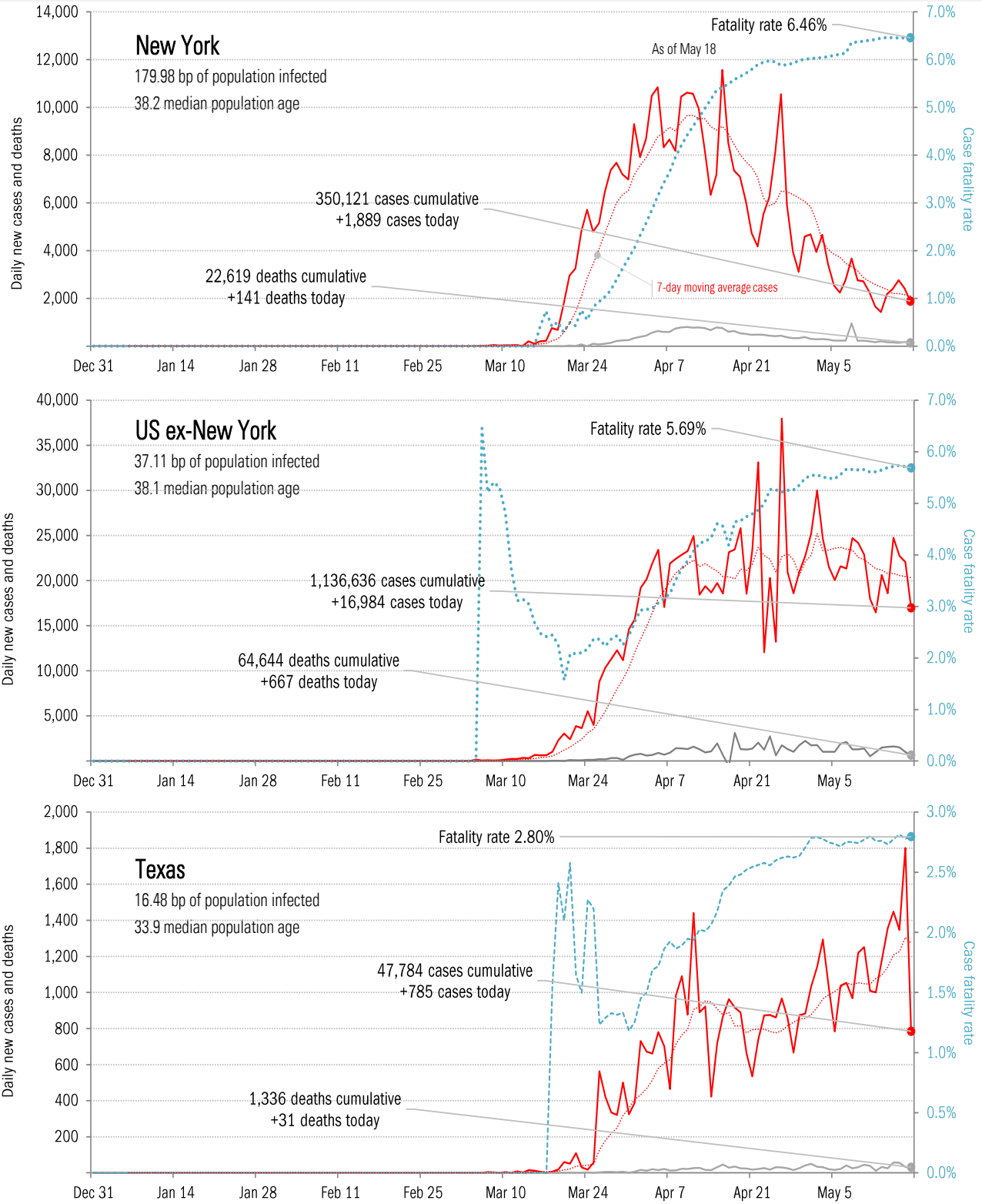


## Healthcare system stress, peak estimated at each model revision



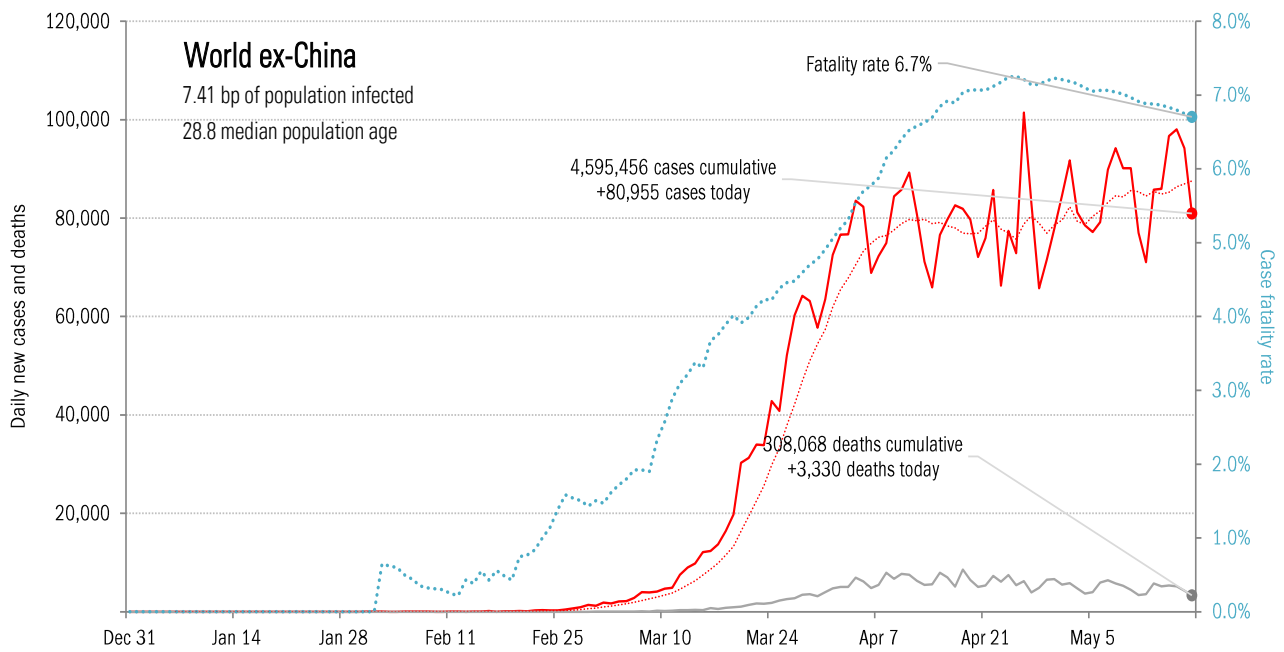
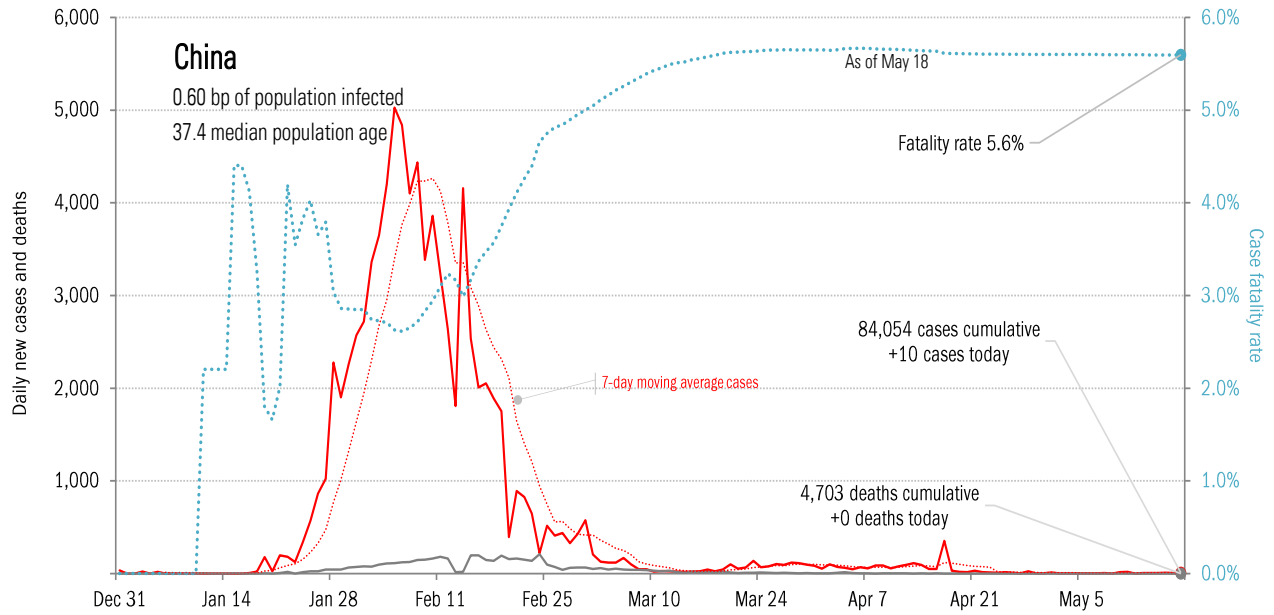
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



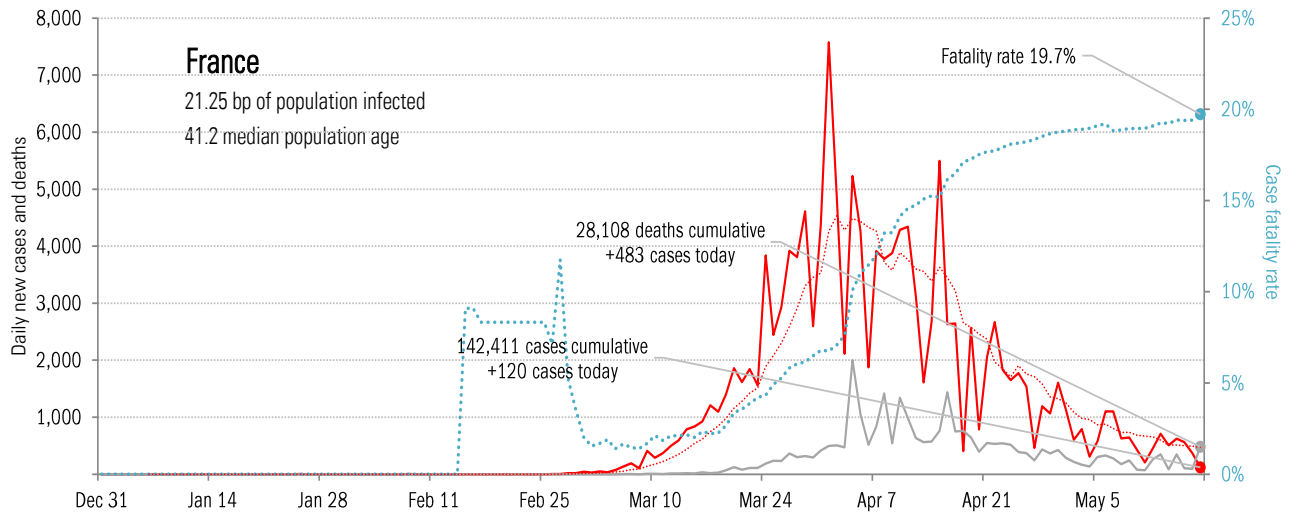
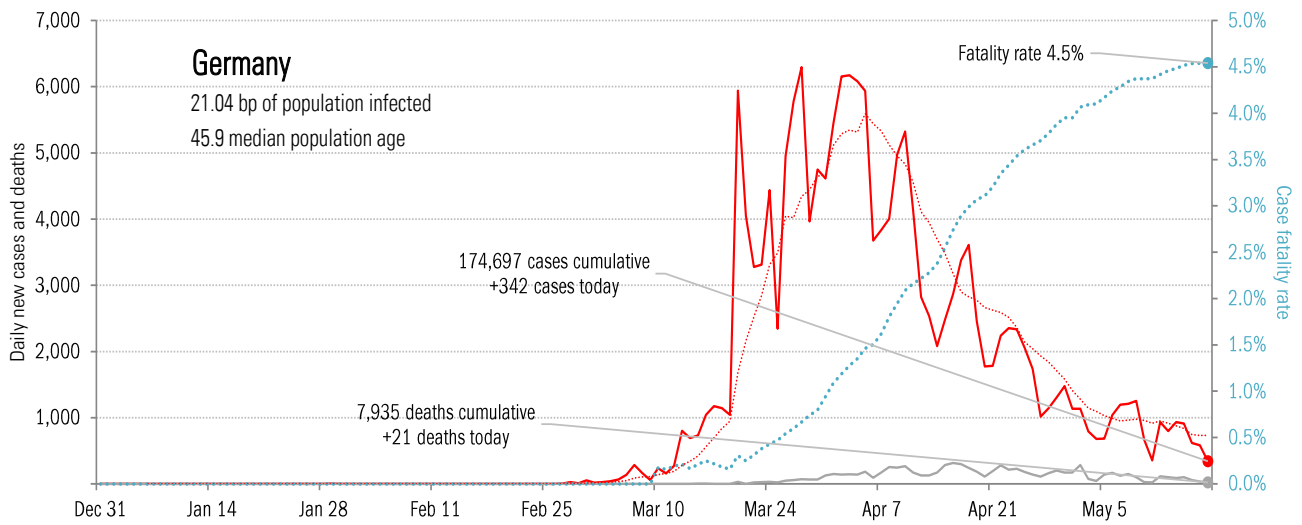
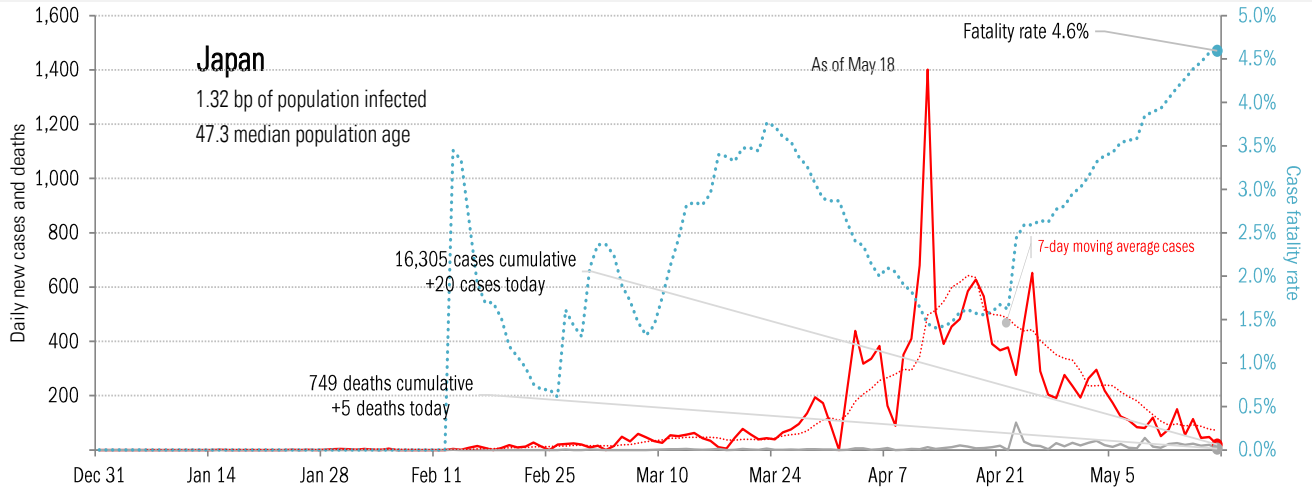
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



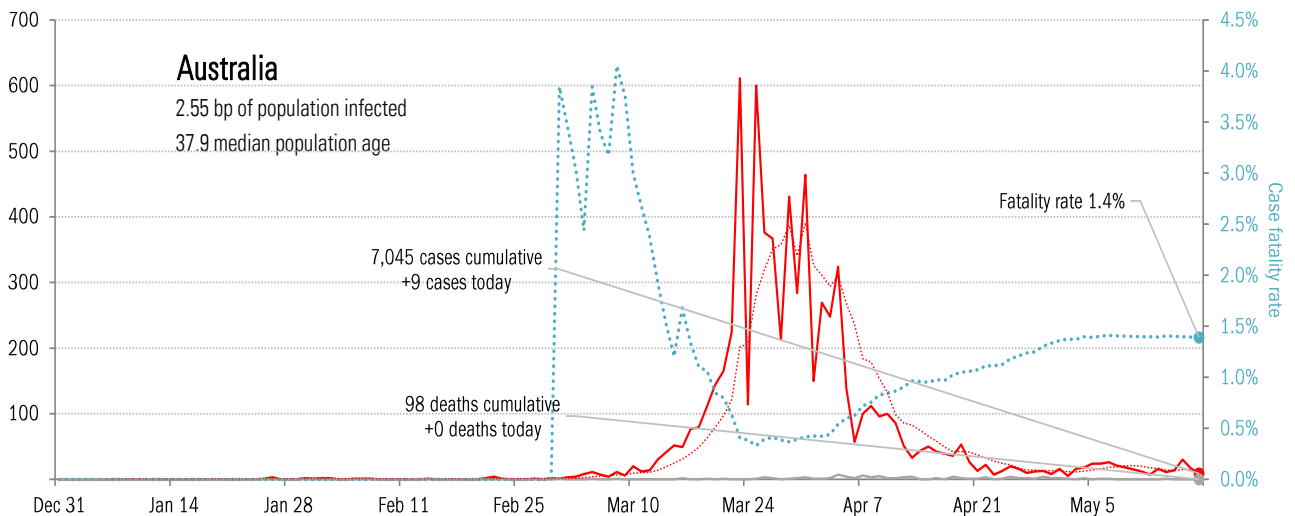
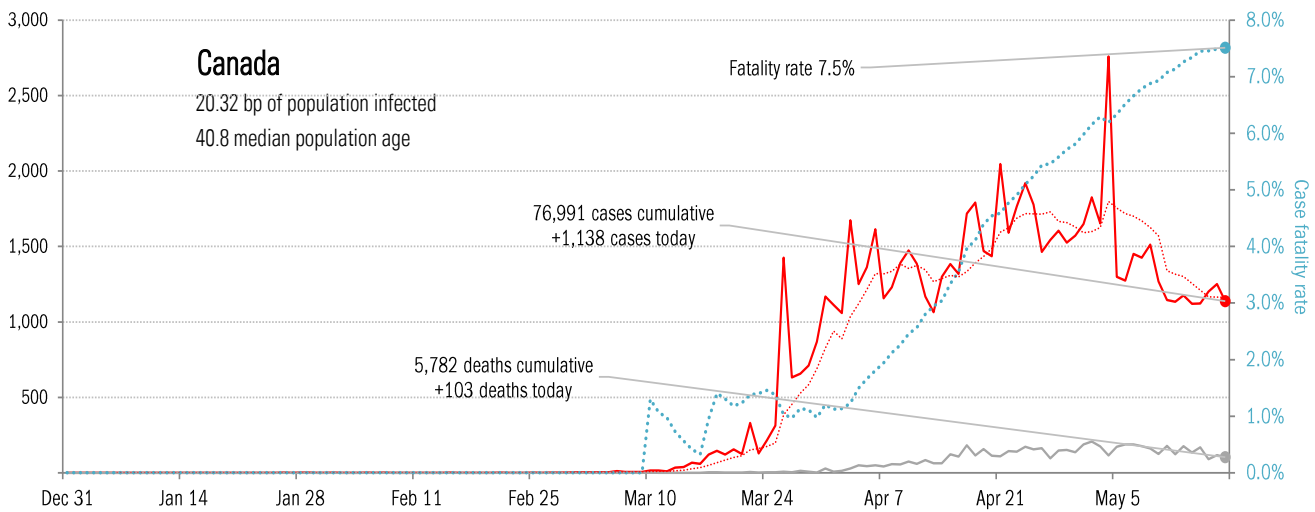
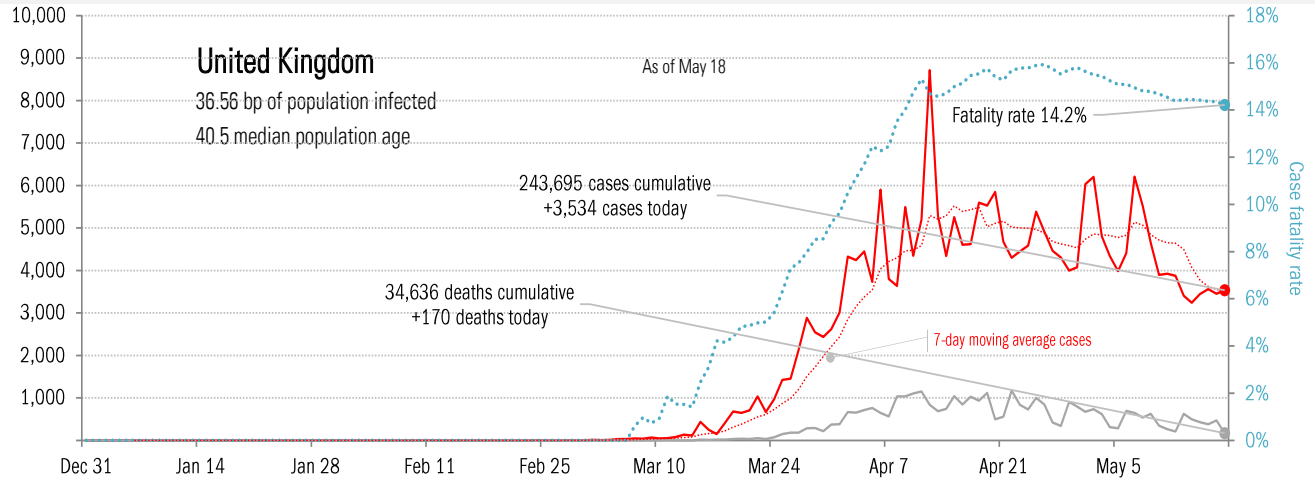
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



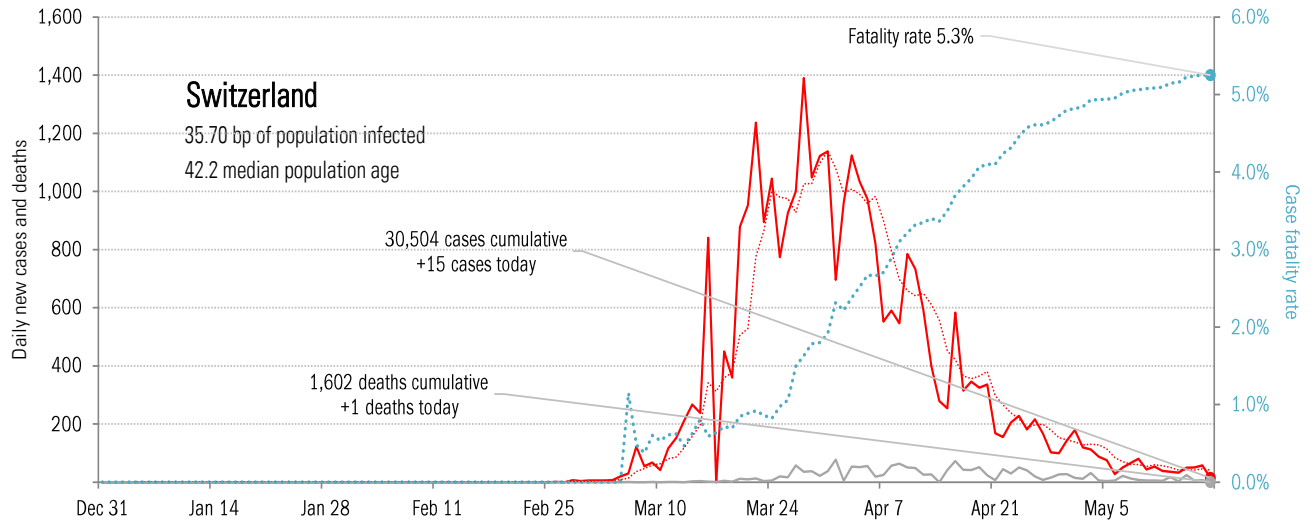
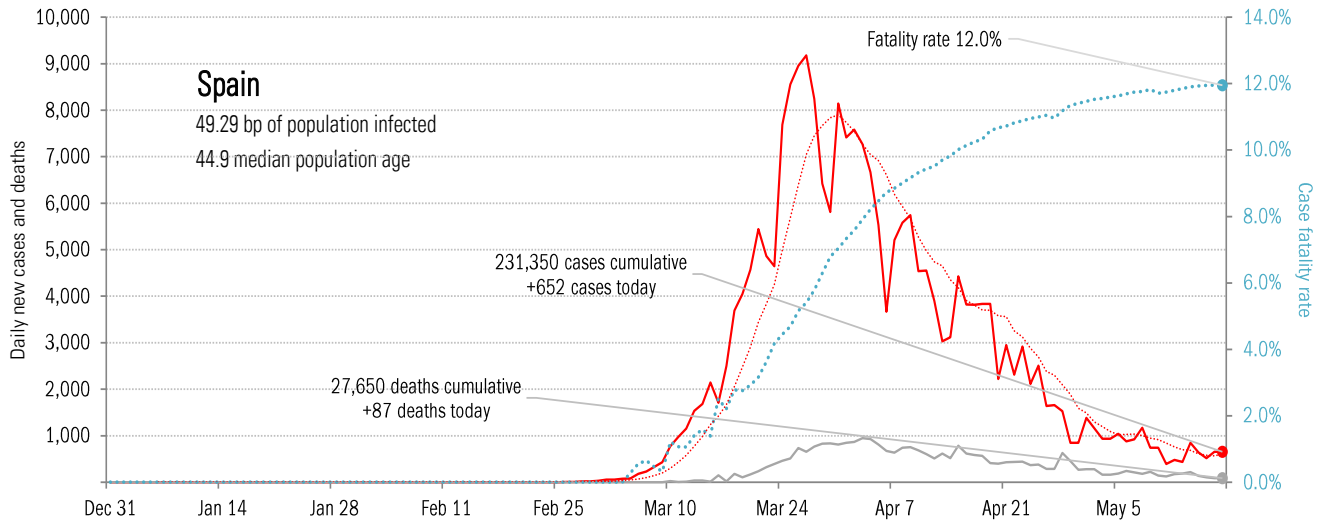
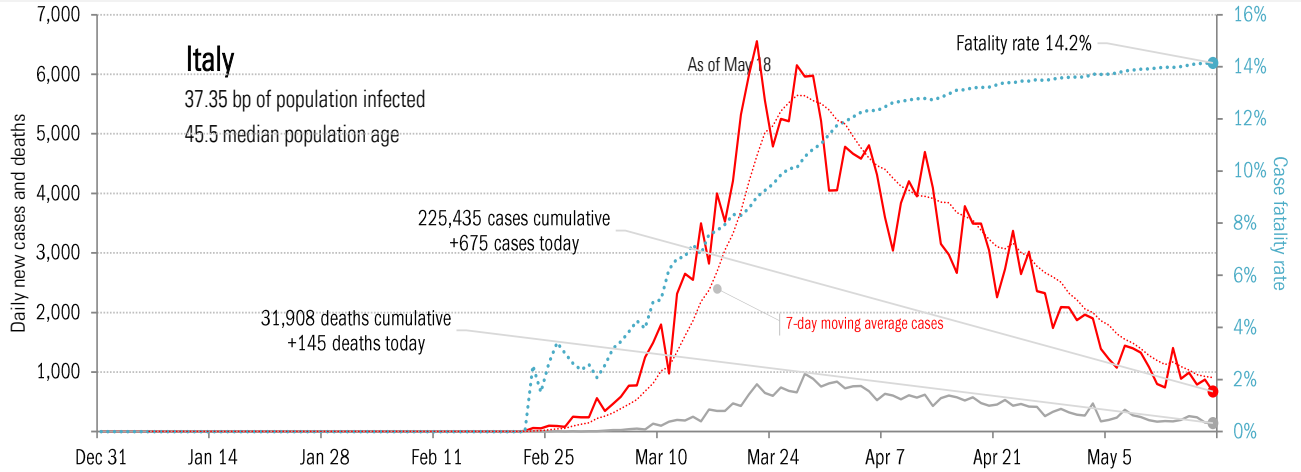
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



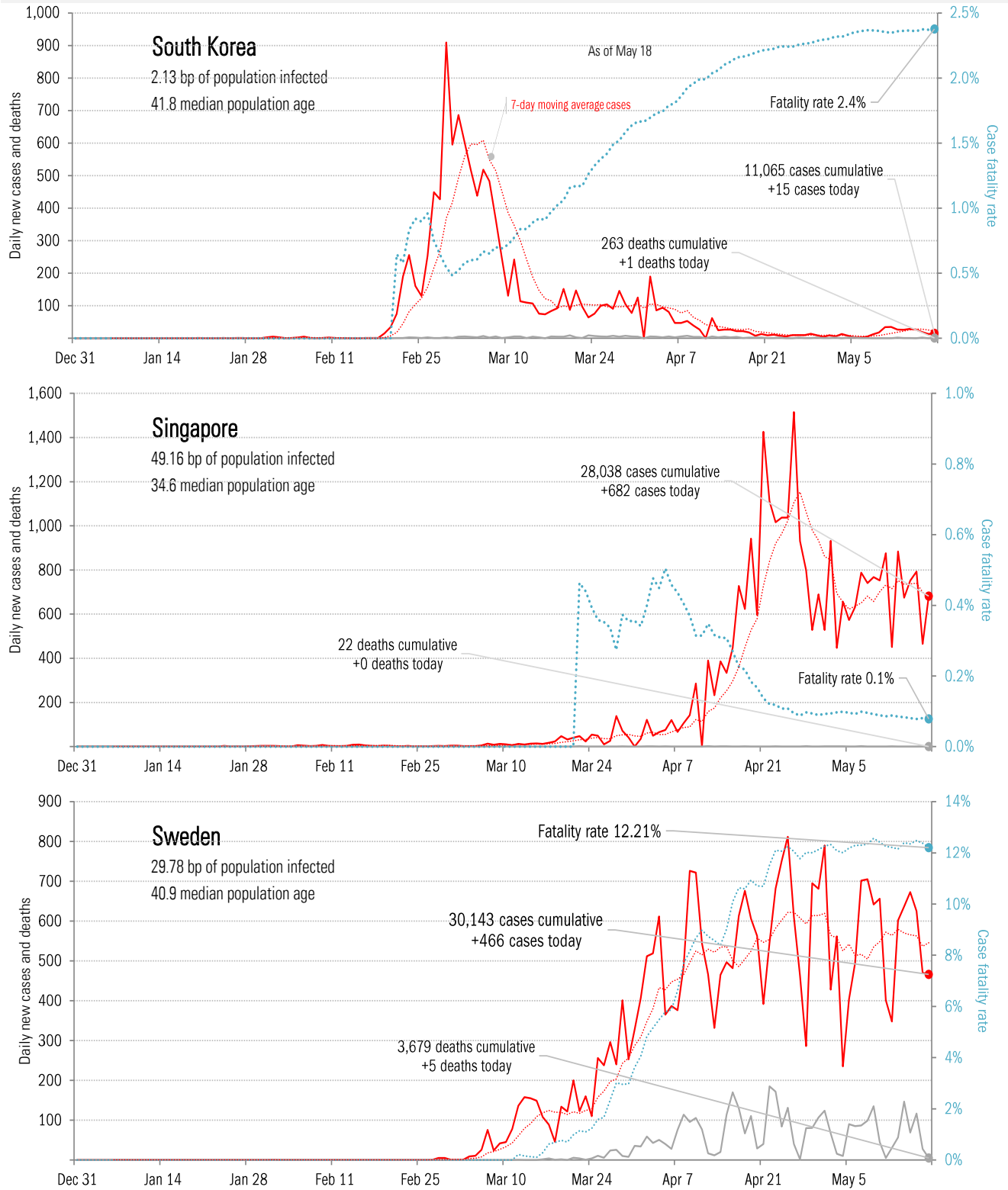
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



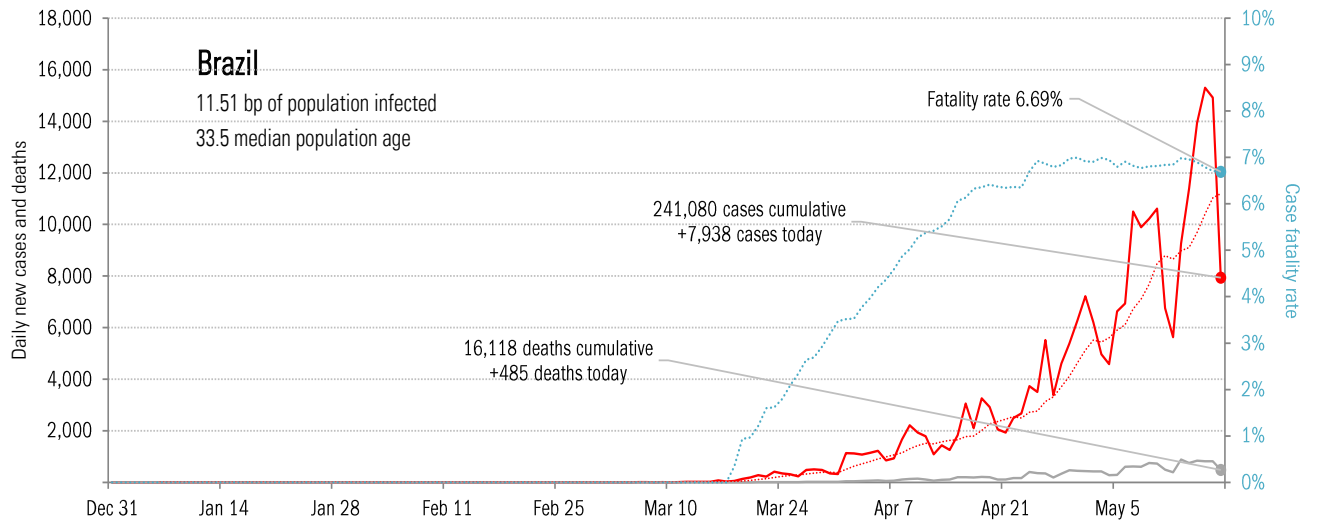
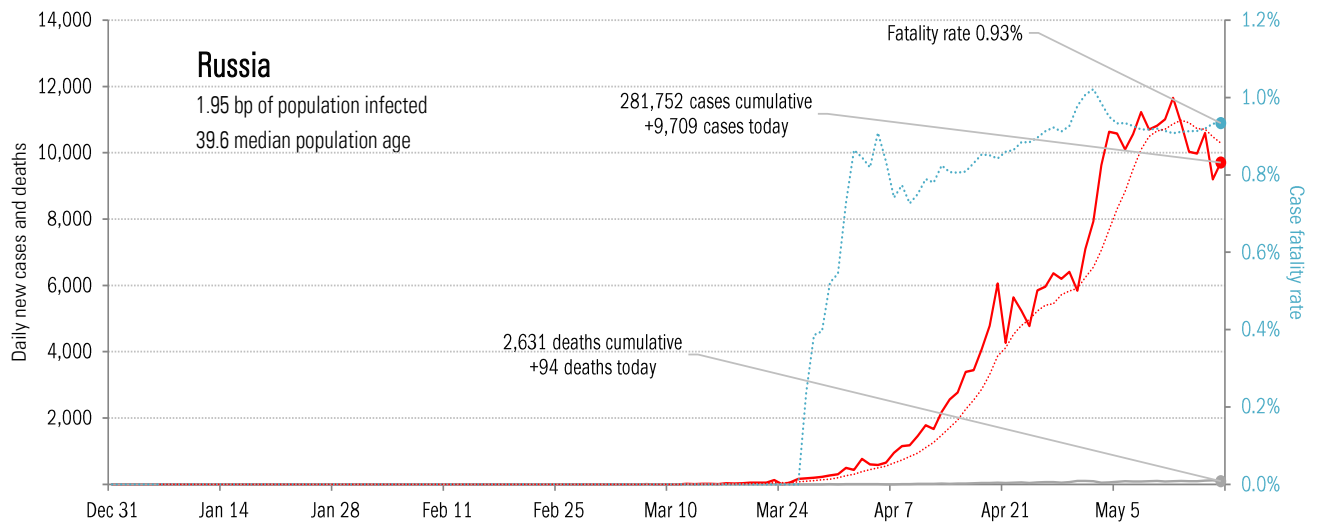
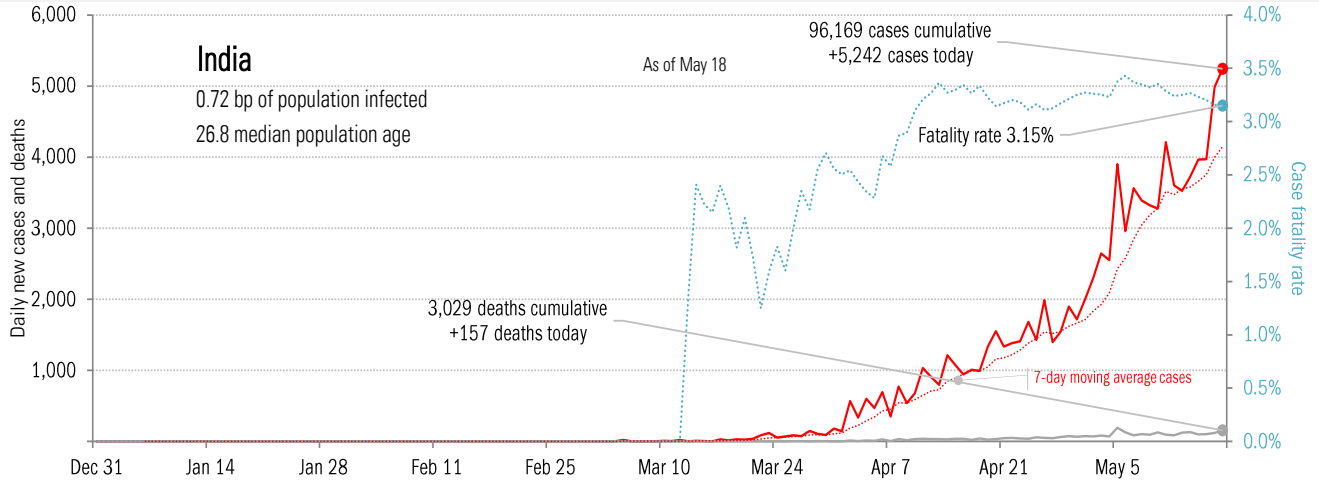
Source: [ECDC](#), TrendMacro calculations

## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

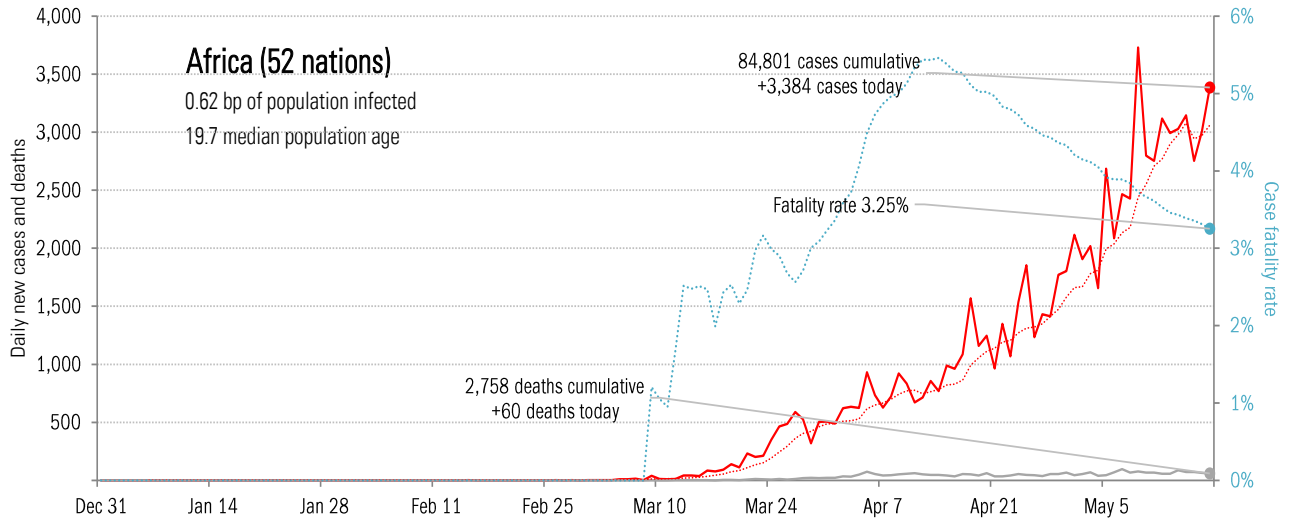
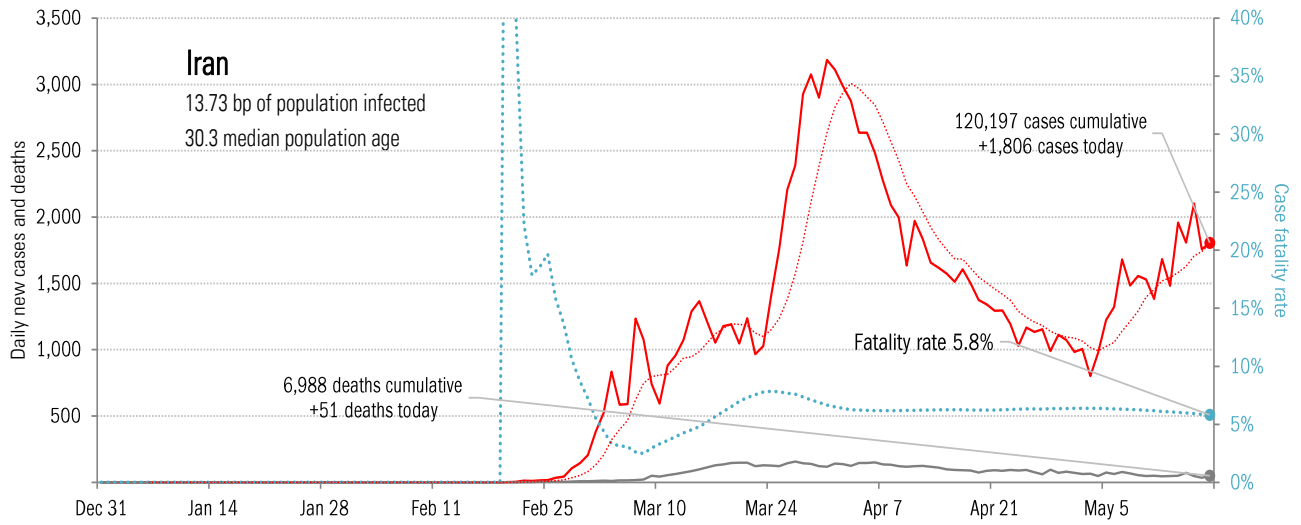
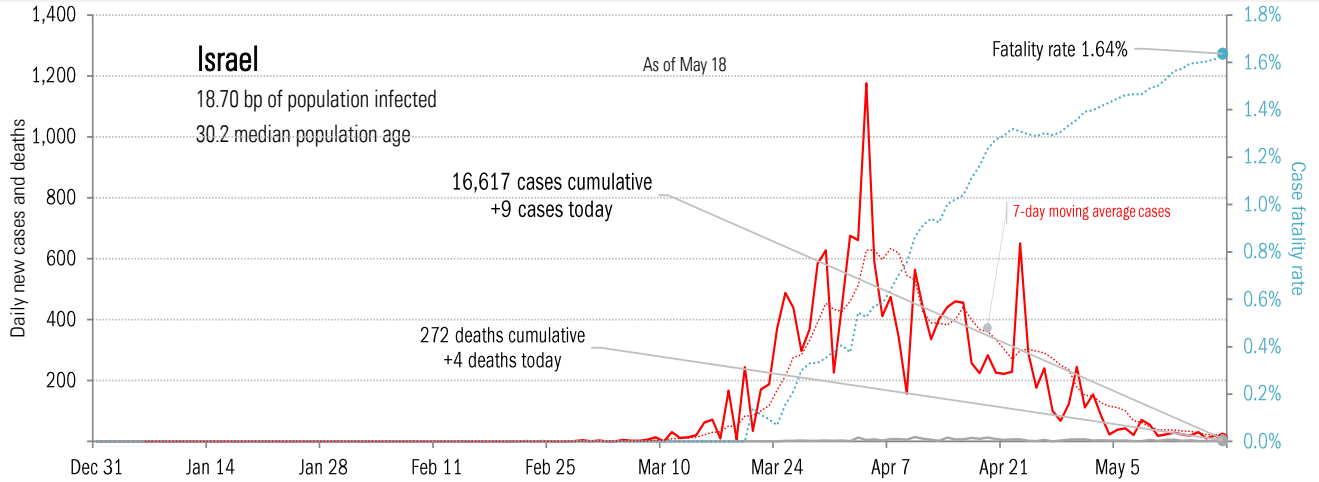
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations