

## Data Insights: Covid-2019 Monitor

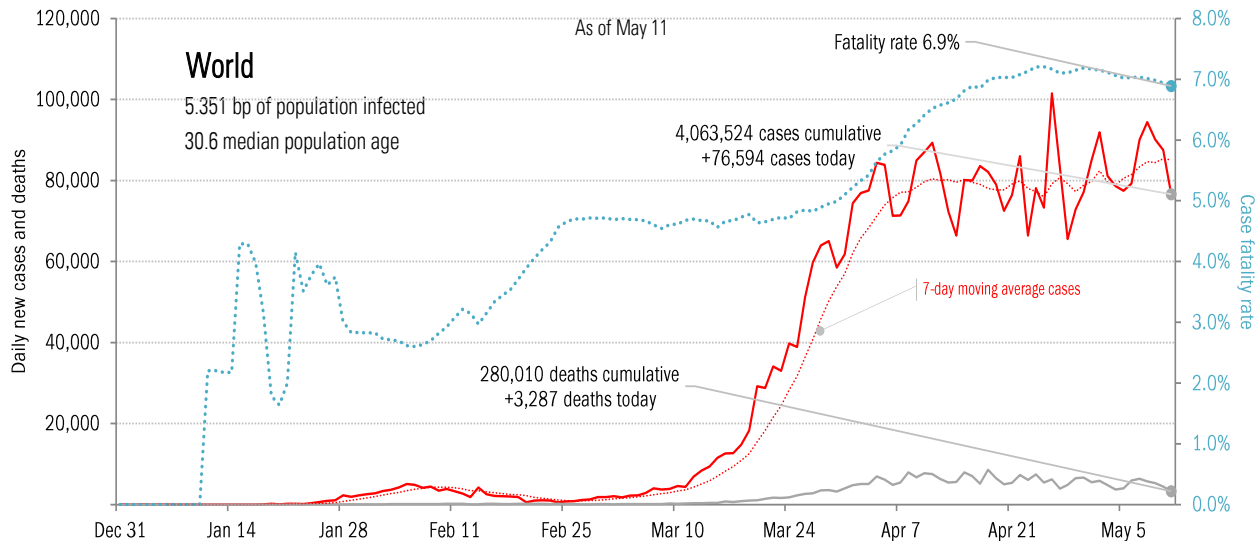
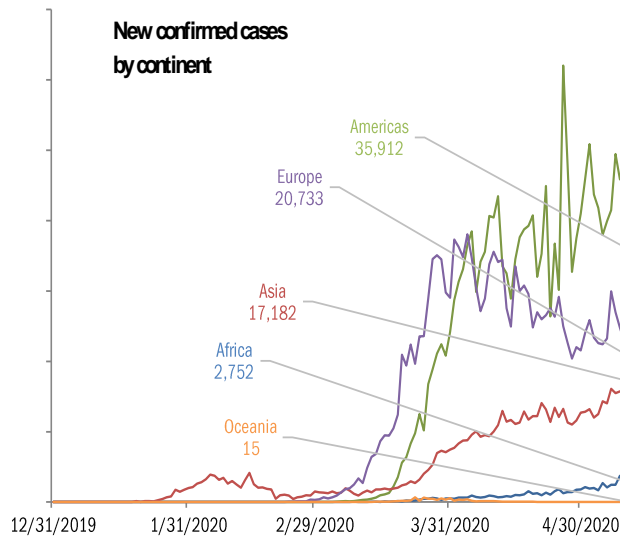
Monday, May 11, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+20,258	US	+734
Russia	+11,012	Brazil	+496
Brazil	+6,760	Ecuador	+410
India	+4,213	UK	+268
UK	+3,923	Canada	+178
Peru	+2,292	Italy	+165
Saudi	+1,912	Mexico	+112
Chile	+1,647	India	+97
Mexico	+1,562	Russia	+88
Turkey	+1,542	Belgium	+75
<b>+55,121</b>		<b>+2,623</b>	
World	+76,594	World	+3,287
Top ten	72%	Top ten	80%

#### New confirmed cases by continent



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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# The US scorecard

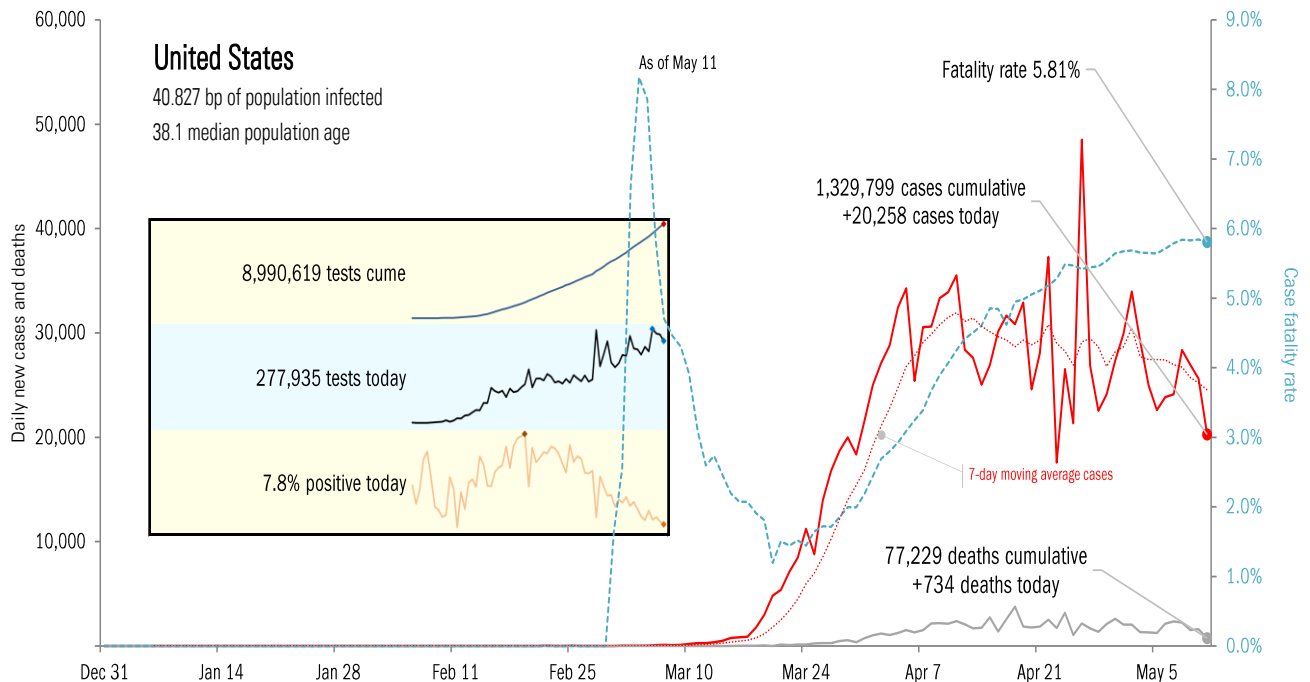
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
NY	+2,273	NY	+207	NY	+460	NY	335,395	NY	21,478	NY	72,715
CA	+2,119	MA	+139	FL	+79	NJ	138,532	NJ	9,255	CT	9,389
IL	+1,656	NJ	+139	MA	+66	MA	77,793	MA	4,979	MA	7,617
NJ	+1,447	CA	+67	KY	+61	IL	77,741	MI	4,551	FL	7,404
PA	+1,295	IL	+57	OH	+51	CA	66,680	PA	3,707	GA	5,997
MD	+1,053	TX	+39	MN	+45	PA	56,611	IL	3,406	MD	5,955
MA	+1,050	CT	+35	VA	+39	MI	47,138	CT	2,967	VA	4,756
TX	+1,009	MD	+30	RI	+33	FL	40,596	CA	2,745	IN	4,389
GA	+909	MI	+25	CO	+23	TX	38,869	LA	2,286	OH	4,351
VA	+885	MN	+20	MD	+23	CT	33,554	FL	1,791	CO	3,623
<b>+13,696</b>		<b>+758</b>		<b>+880</b>		<b>912,909</b>		<b>57,165</b>		<b>126,196</b>	
All states	+21,712	All states	+979	All states	-+2,432	All states	1,322,807	All states	74,270	All states	144,780
Top ten	63%	Top ten	77%	Top ten	-36%	Top ten	69%	Top ten	77%	Top ten	87%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
IL	-669	MI	-108	WA	-6,900	TX	+881
NY	-442	PA	-53	NY	-116	NY	+826
LA	-379	IL	-51	SC	-100	MN	+560
MA	-360	FL	-41	MD	-98	TN	+159
CH	-297	CA	-26	FL	-89	IA	+143



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

## Recommended reading

[Is the chilling truth that the decision to impose lockdown was based on crude mathematical guesswork?](#)

Matt Ridley  
*The Telegraph*  
May 10, 2020

[Markets work even in crisis](#)

John Cochrane  
*The Grumpy Economist*  
May 7, 2020

[The Conference Call to Cure Covid-19](#)

Safi Bahcall  
*Wall Street Journal*  
May 6, 2020

[Global virus lockdown was 'madness'](#)

Uwe Parpart  
*Asia Times*  
May 4, 2020

[Projected Deaths of Despair from Covid-19](#)

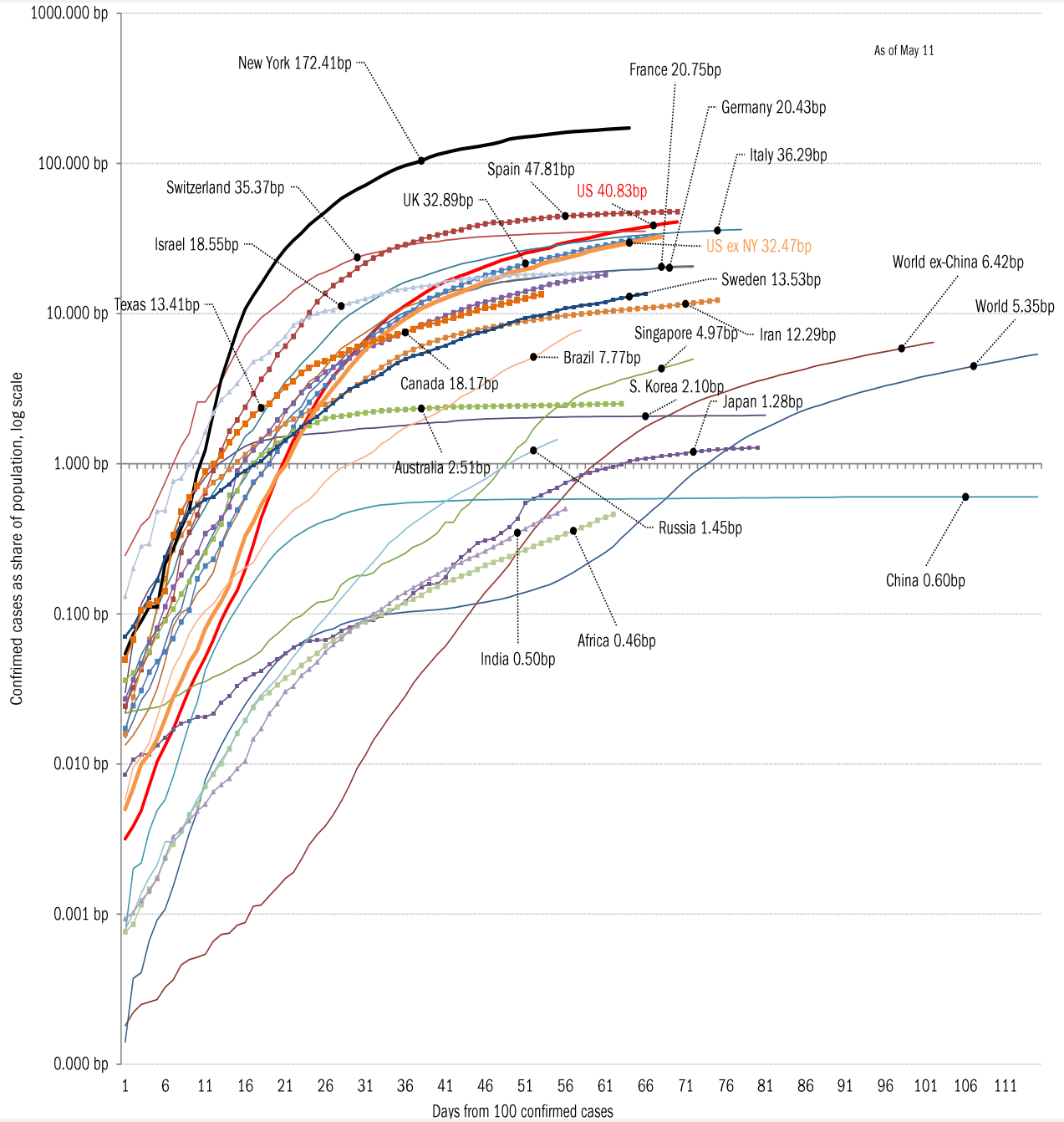
Stephen Petterson et al.  
*Wellbeing Trust, Robert Graham Center*  
May 8, 2020

## Meme of the day



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

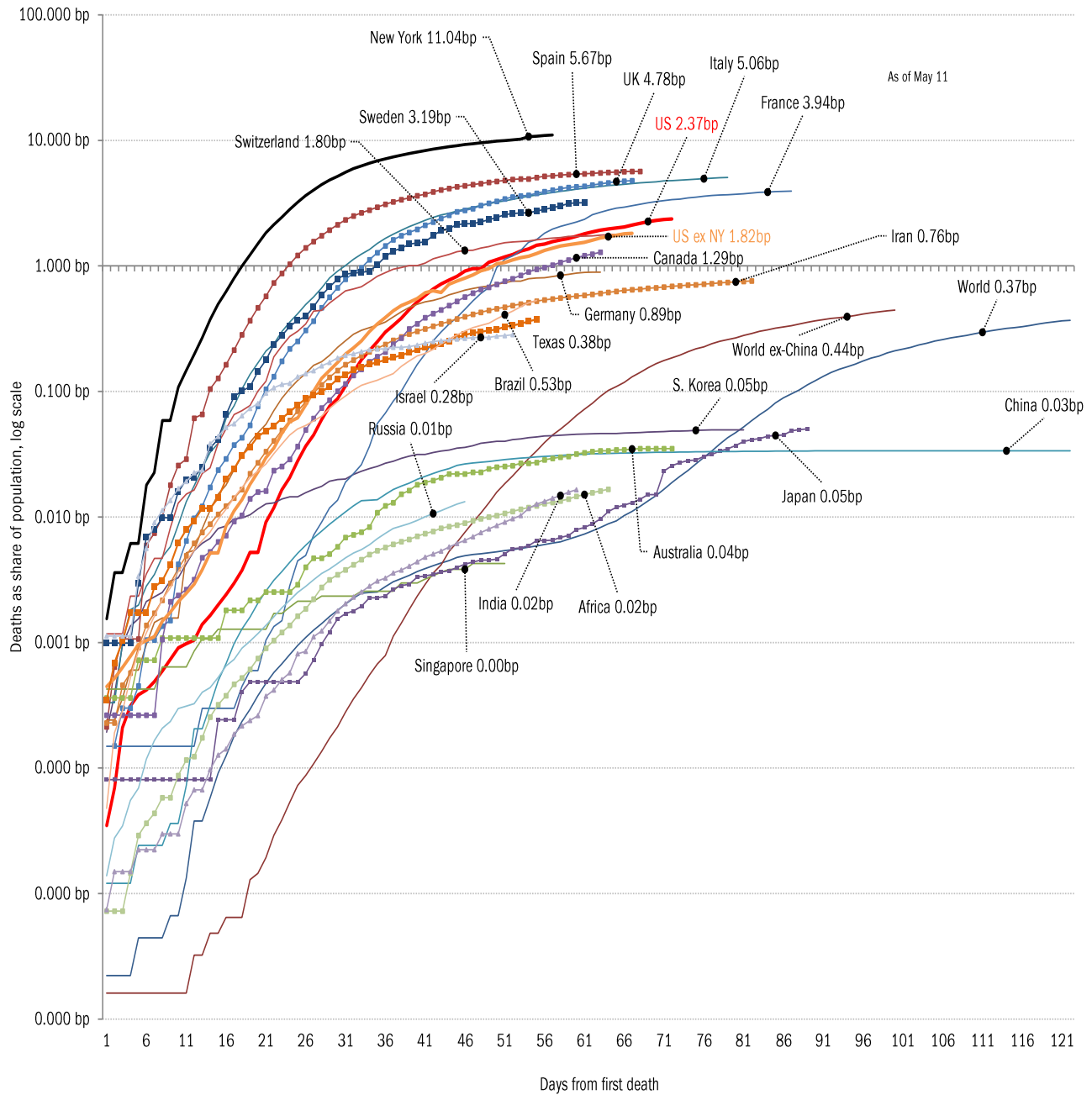
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

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

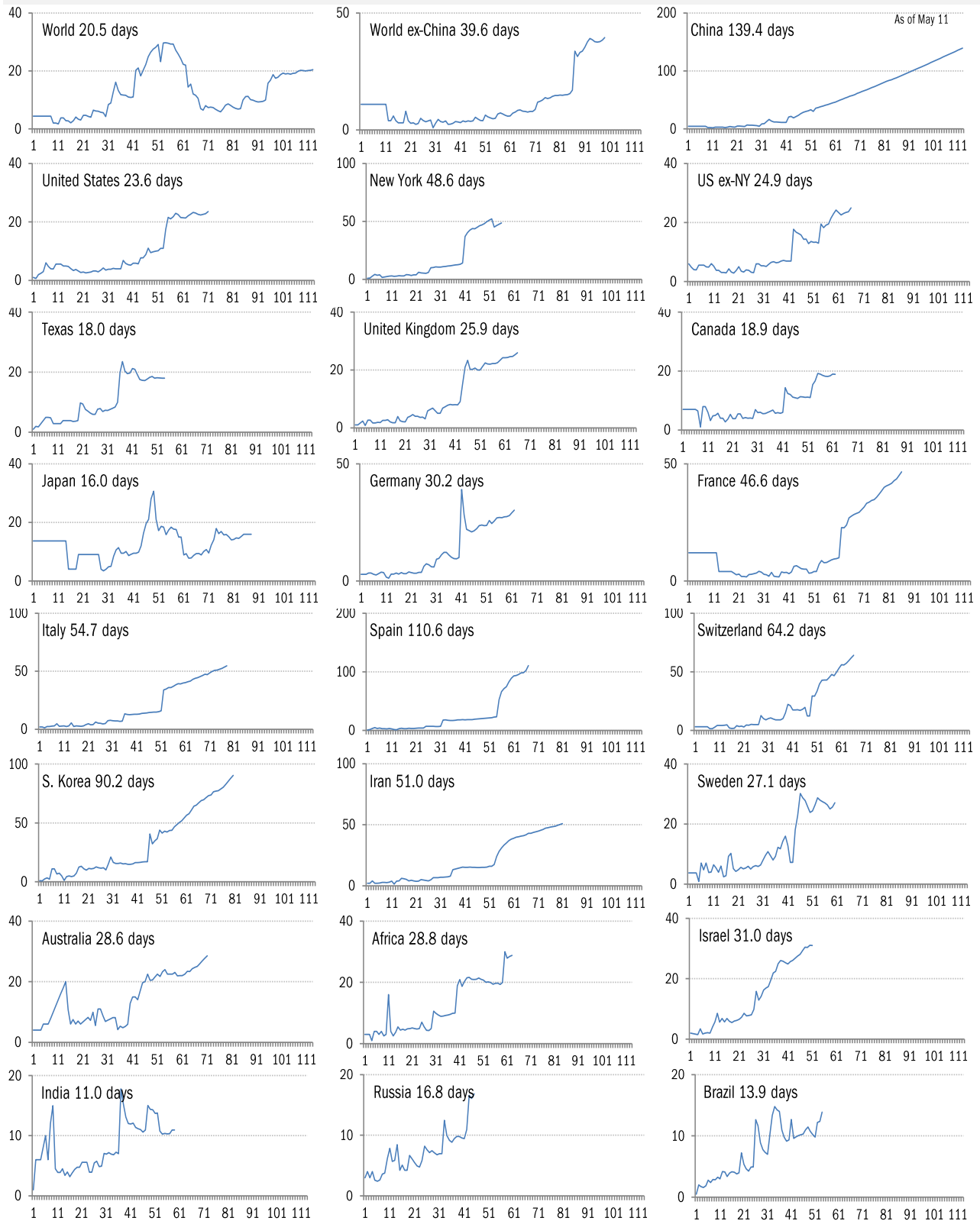
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

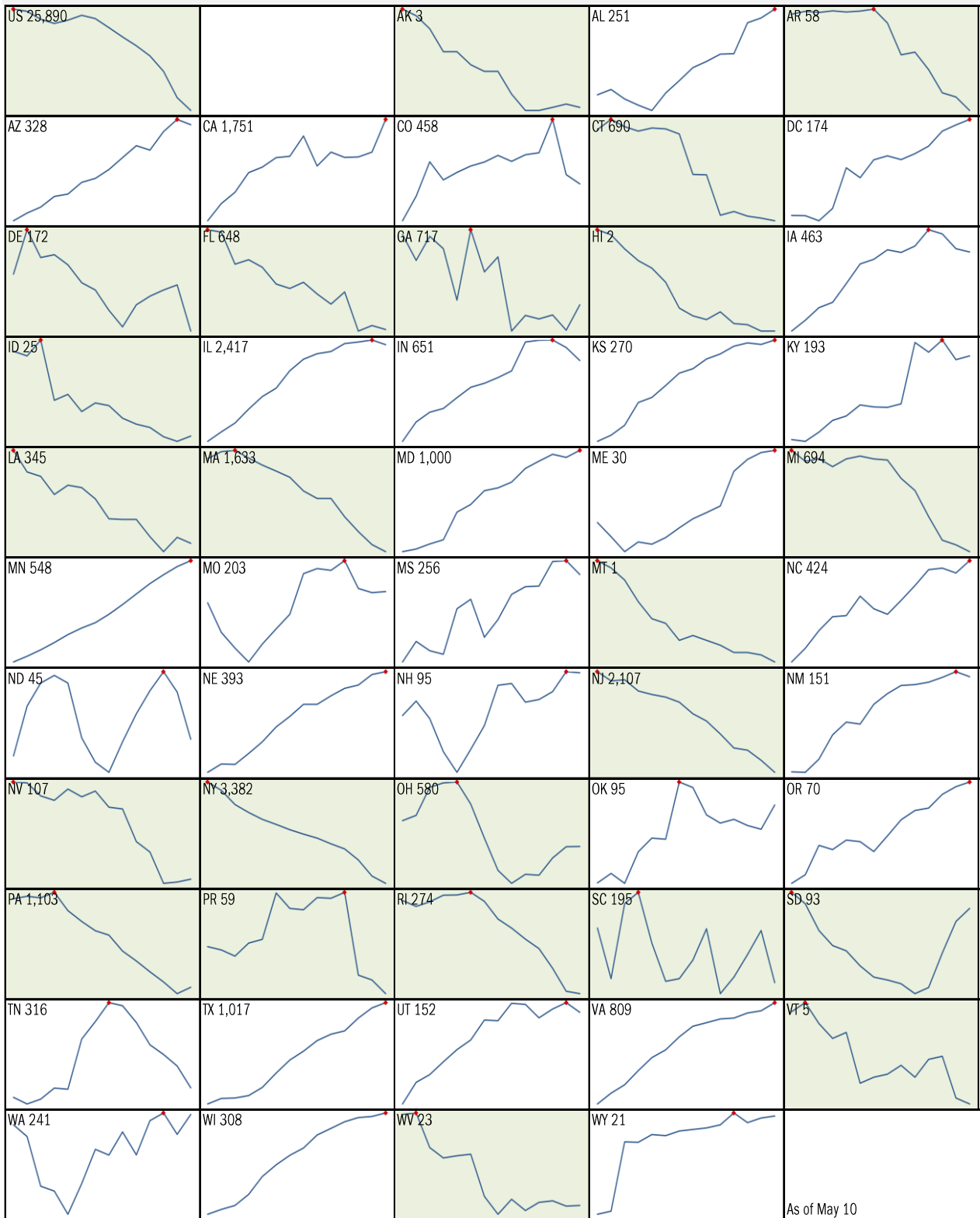
# Our most reliable evidence of slowing the Moore's law of Covid-19

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



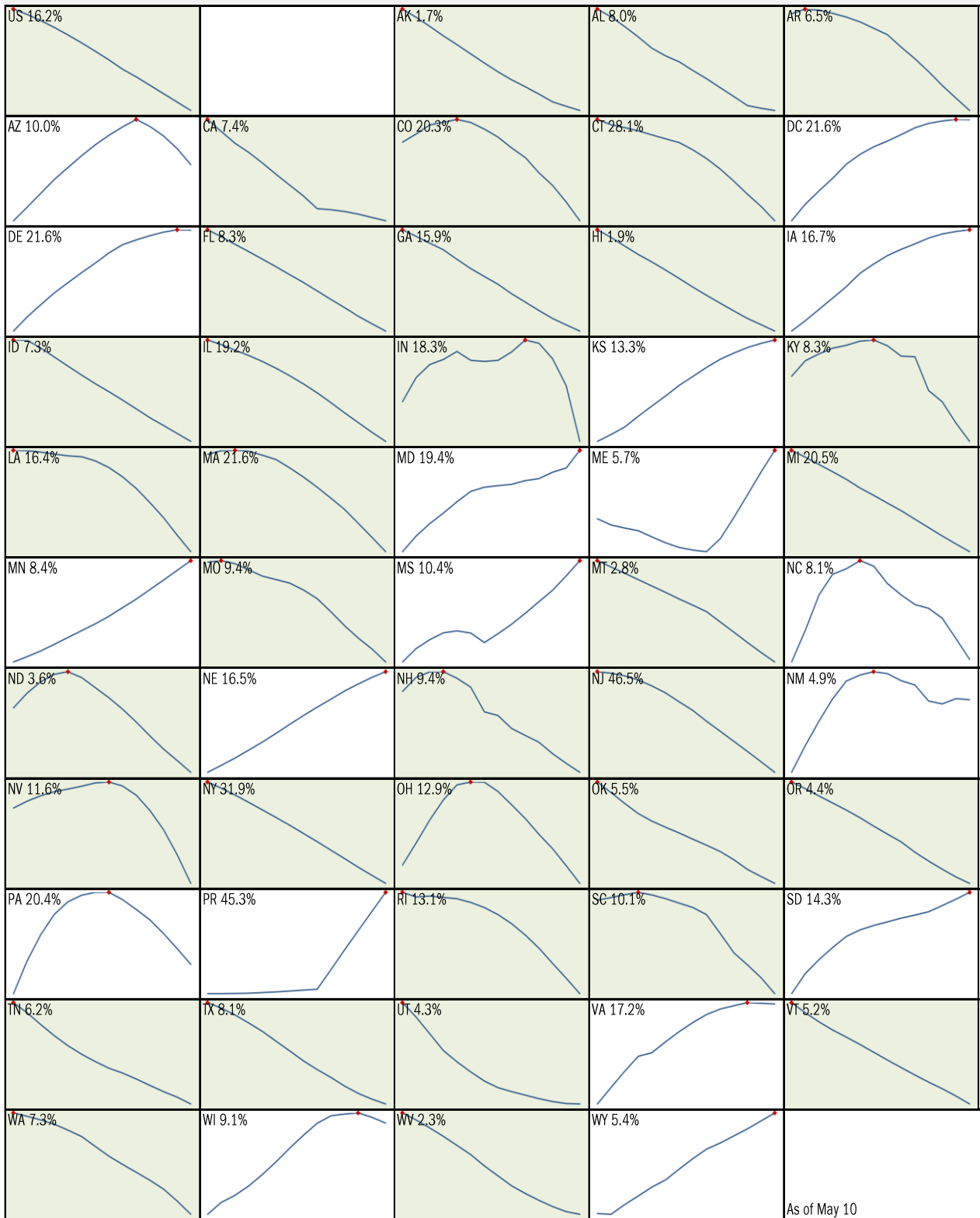
Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): ■ 14-day “downward trajectory” in new cases  
 14-day moving average, last 14 days      Most recent value displayed



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*



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

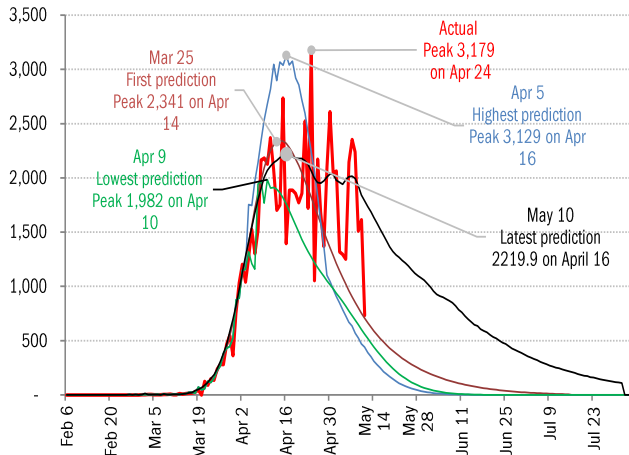


# Reality-checking the models: actuals versus [IHME](#) predictions

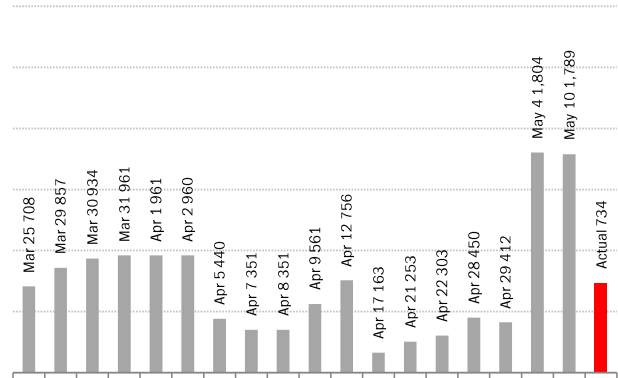
## New daily fatalities

As of May 11

Actual versus first, highest and latest model mean predictions

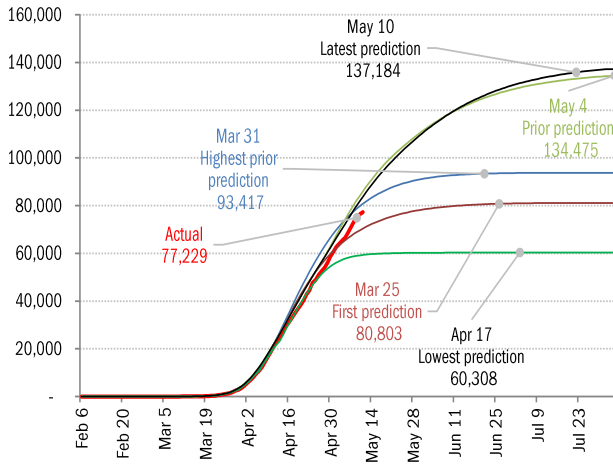


For this day, versus all model mean predictions

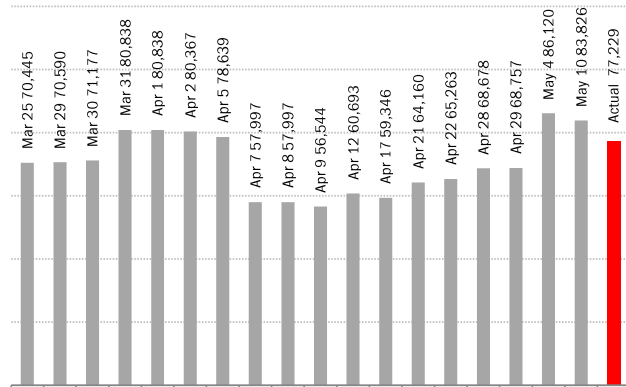


## Cumulative fatalities

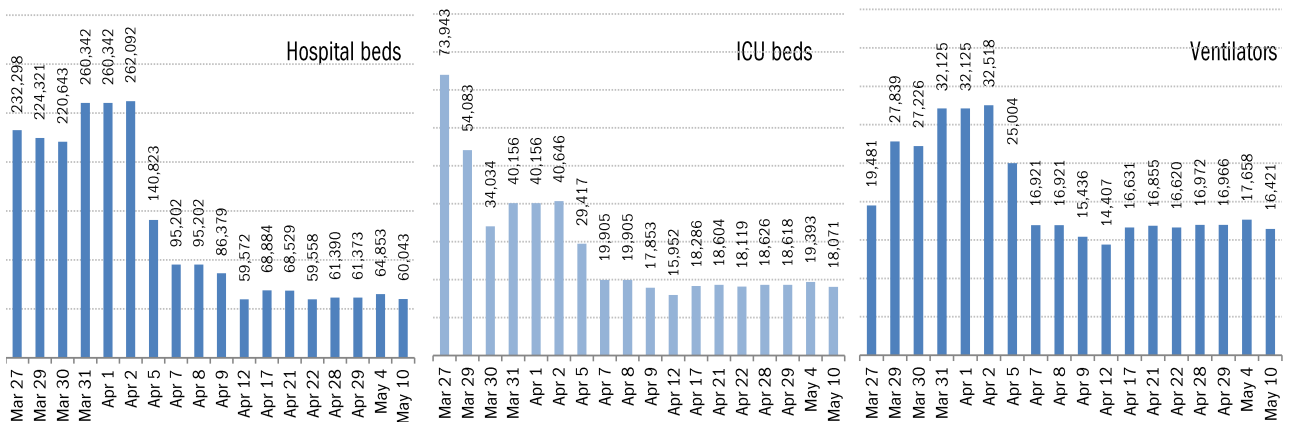
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

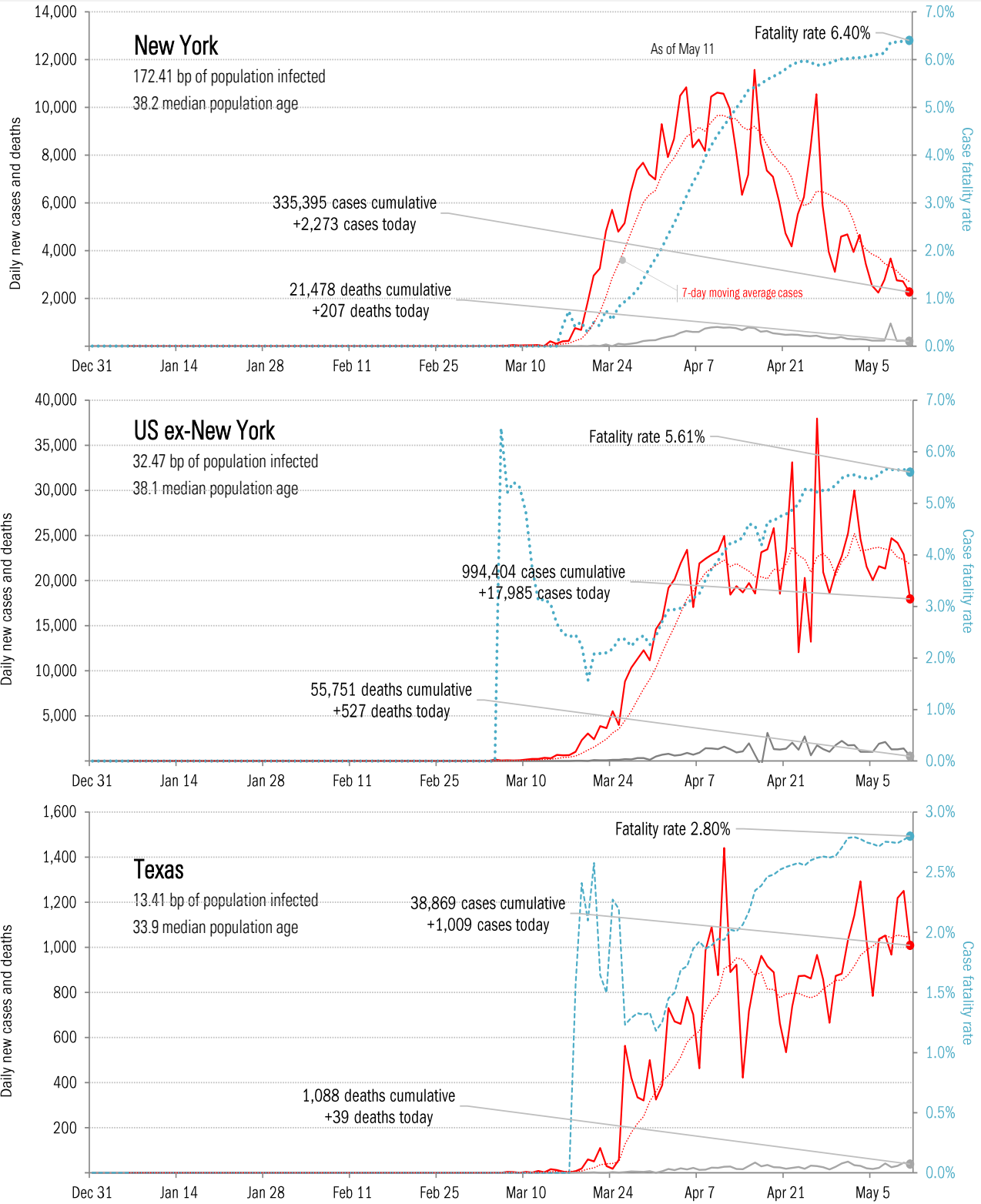


## Healthcare system stress, peak estimated at each model revision



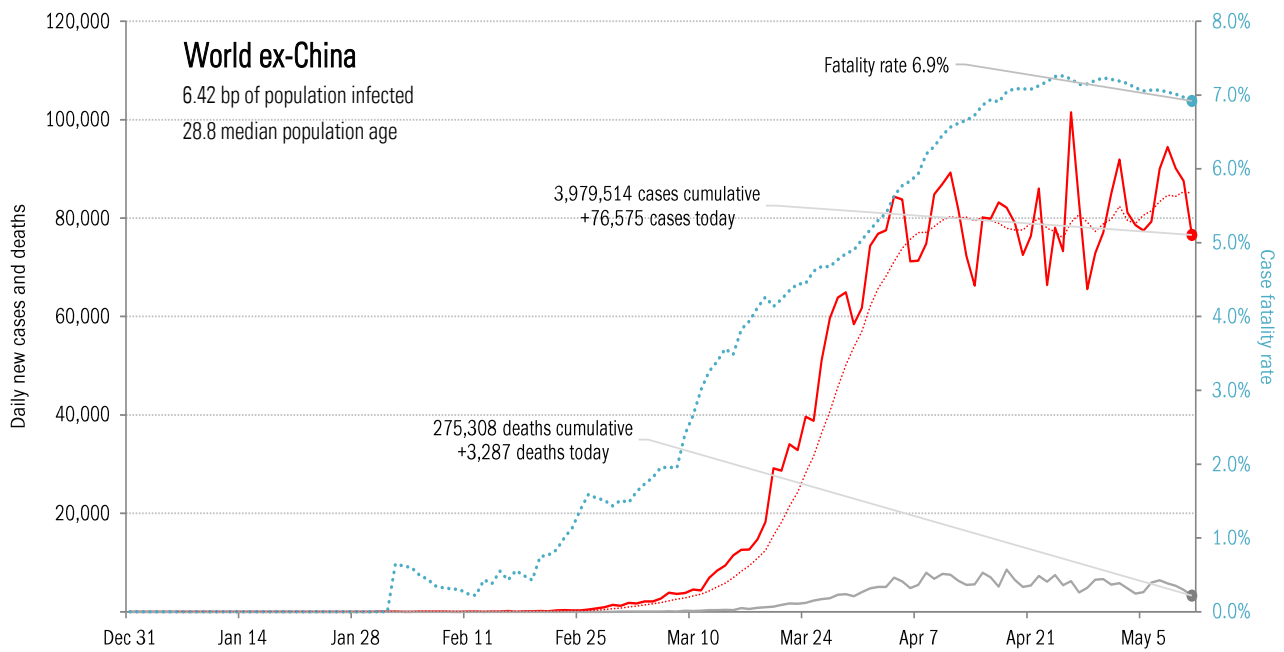
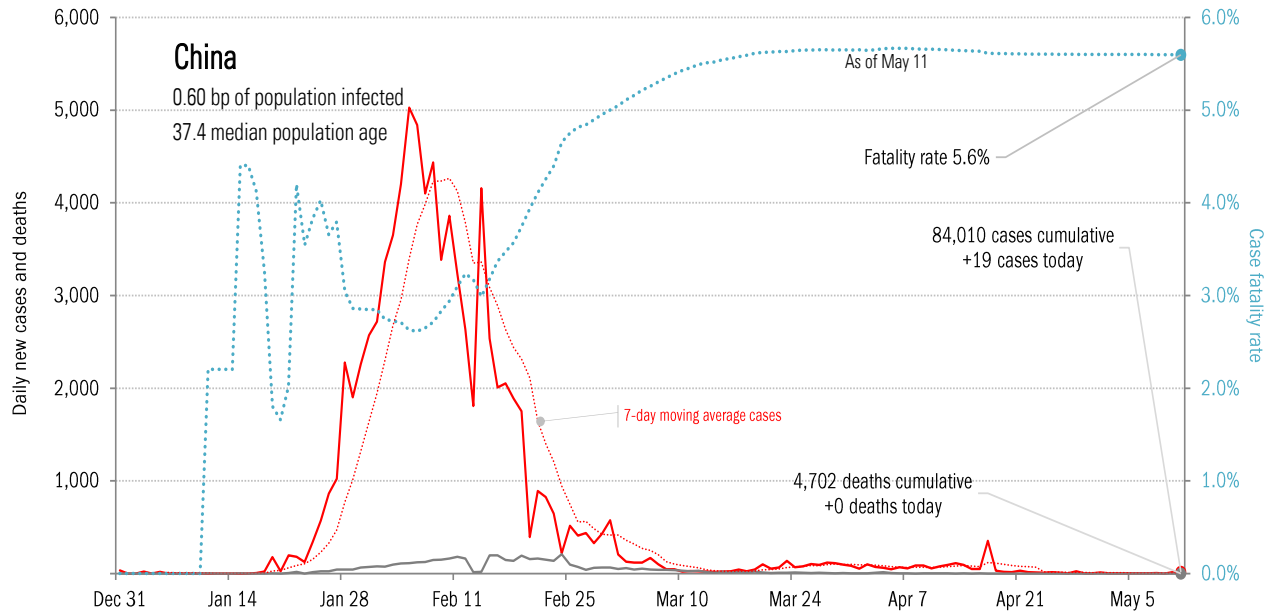
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



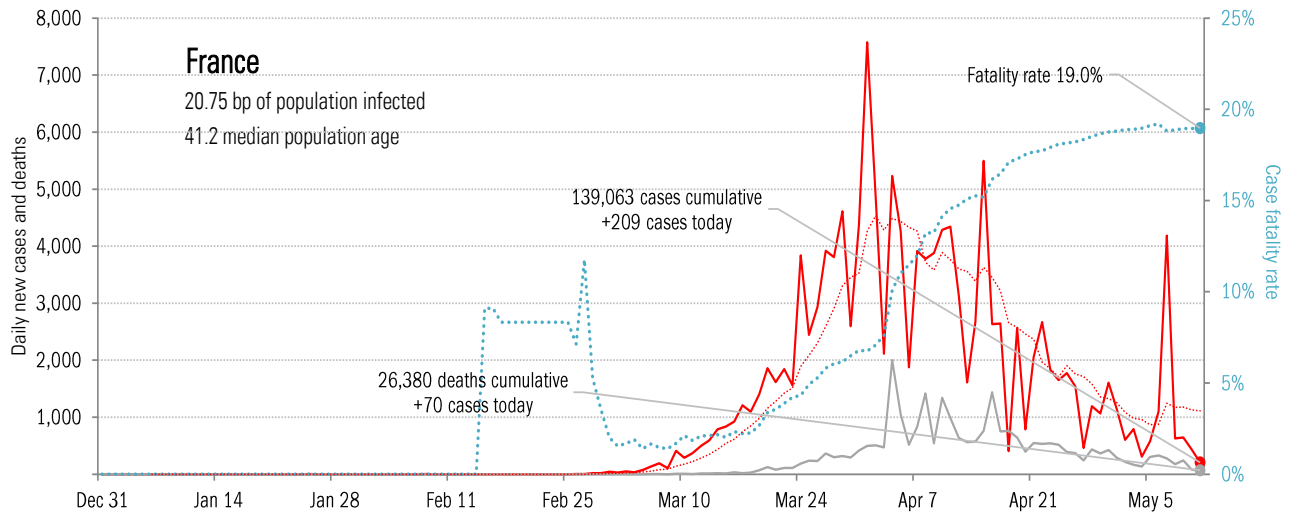
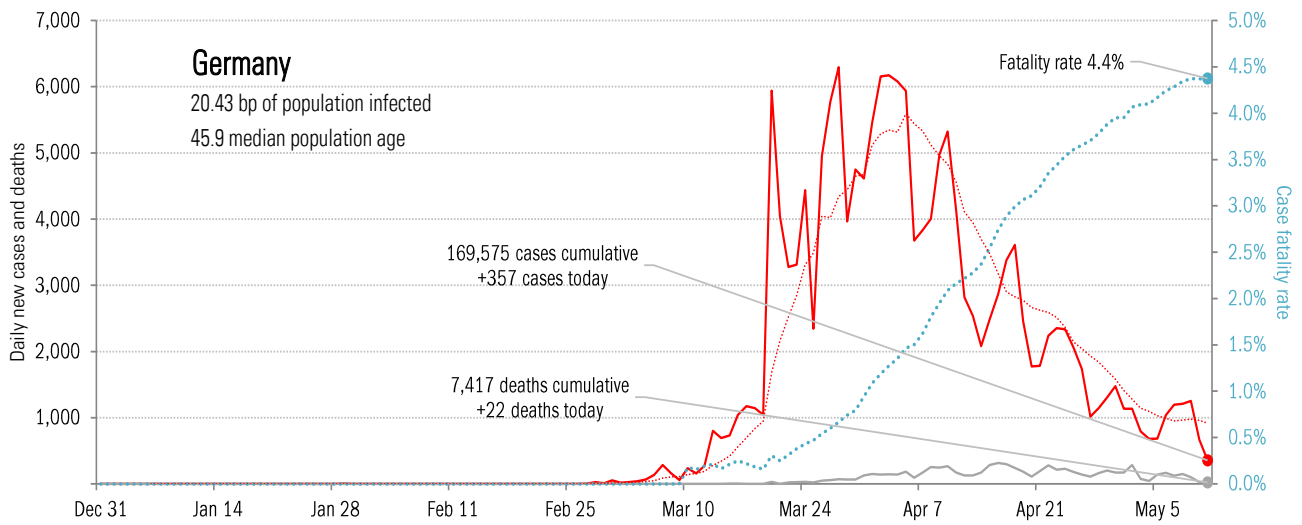
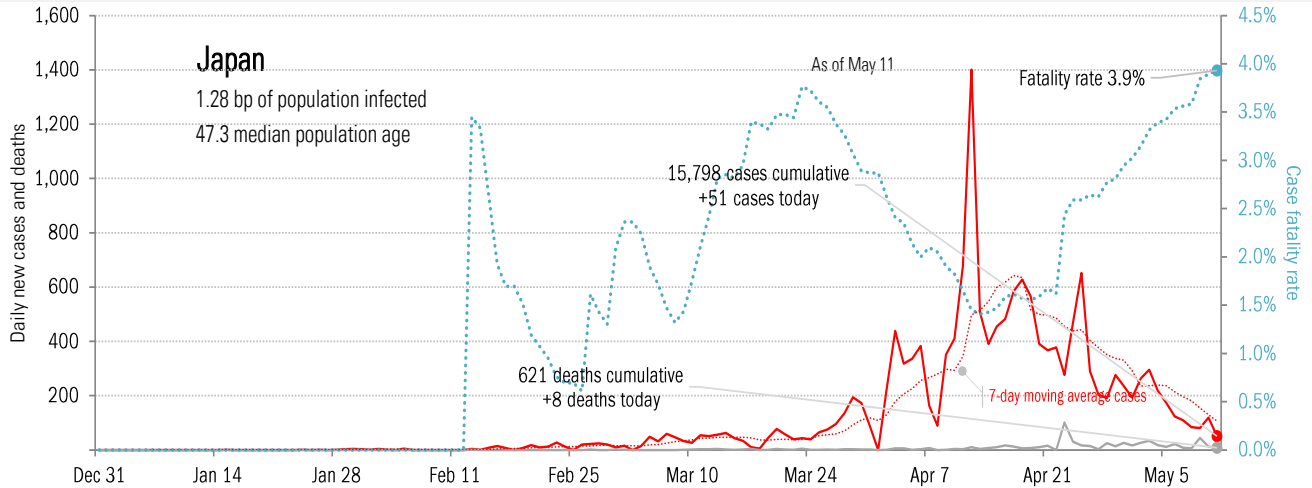
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



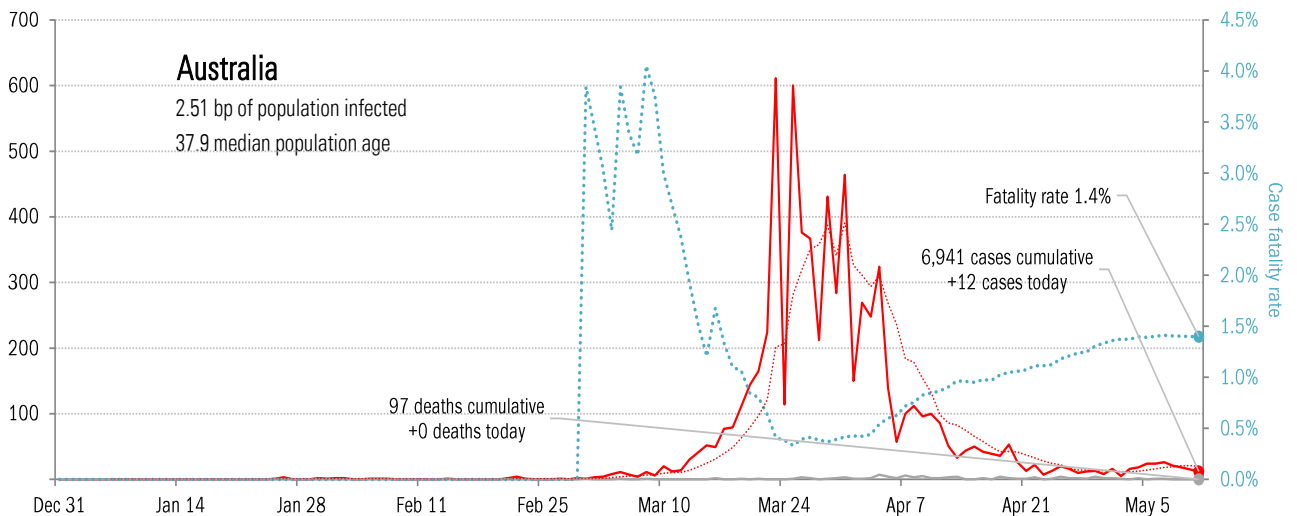
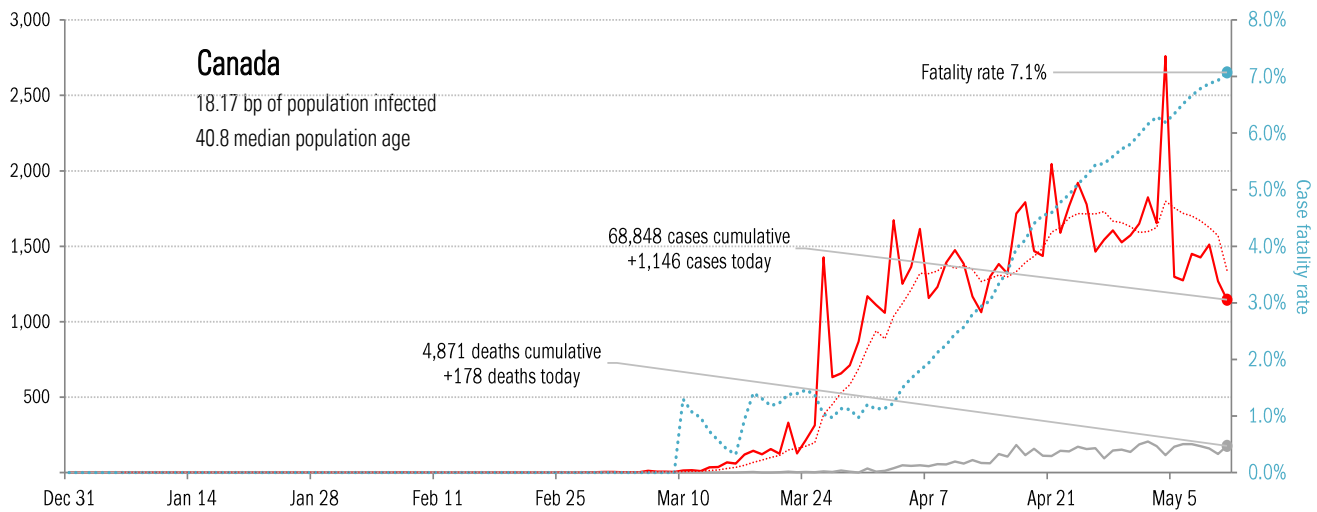
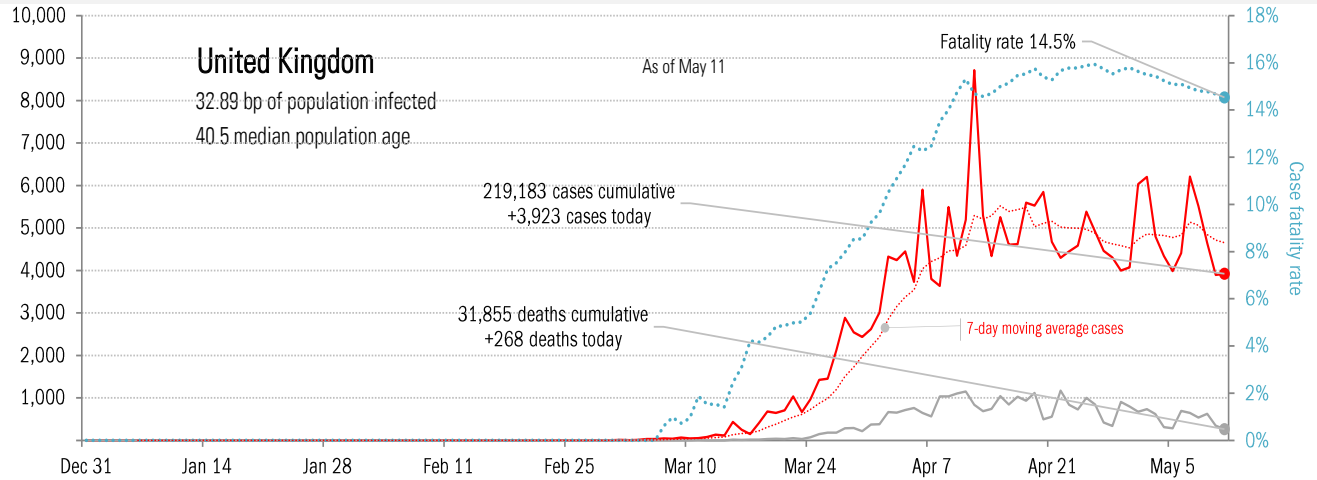
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



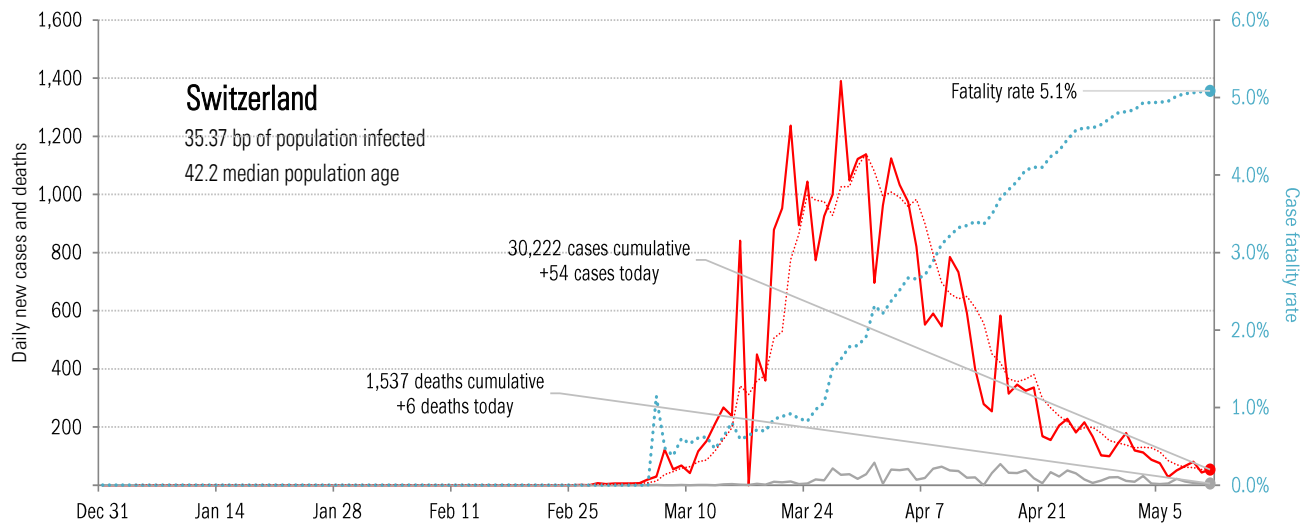
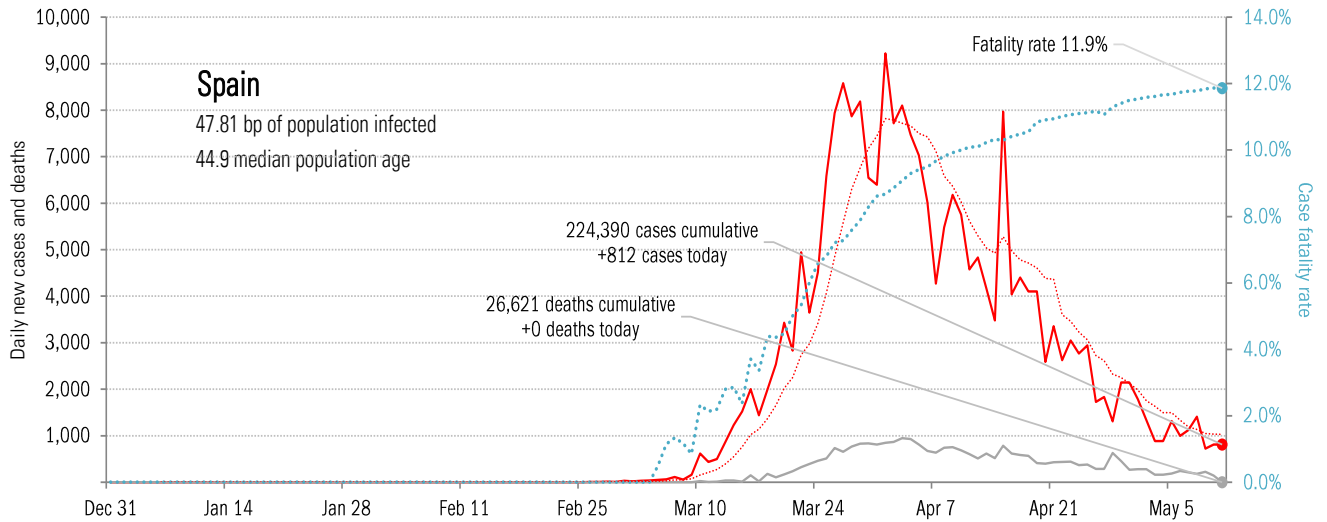
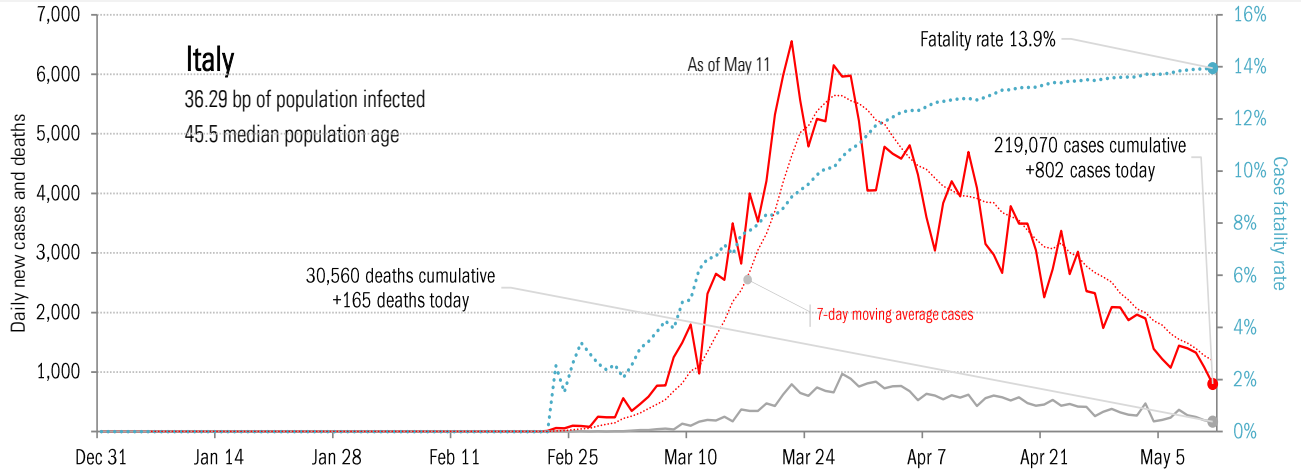
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



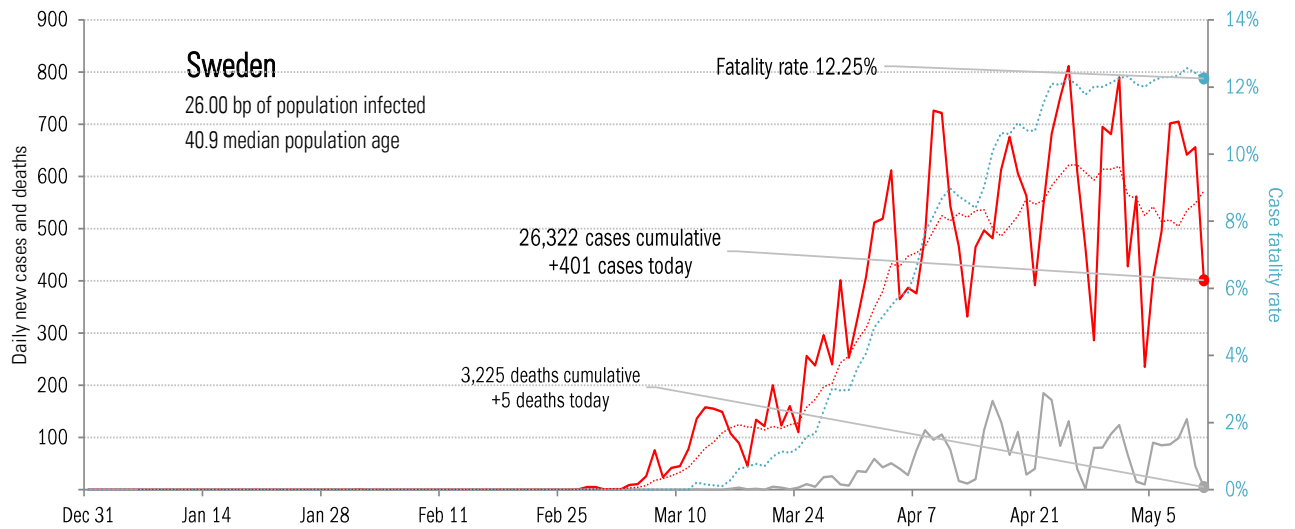
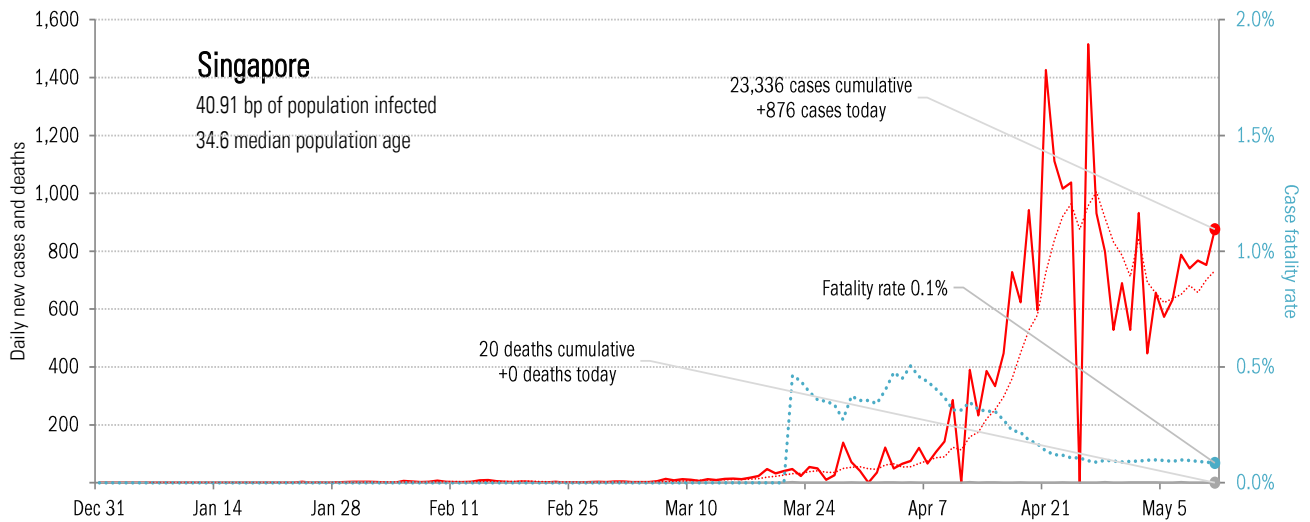
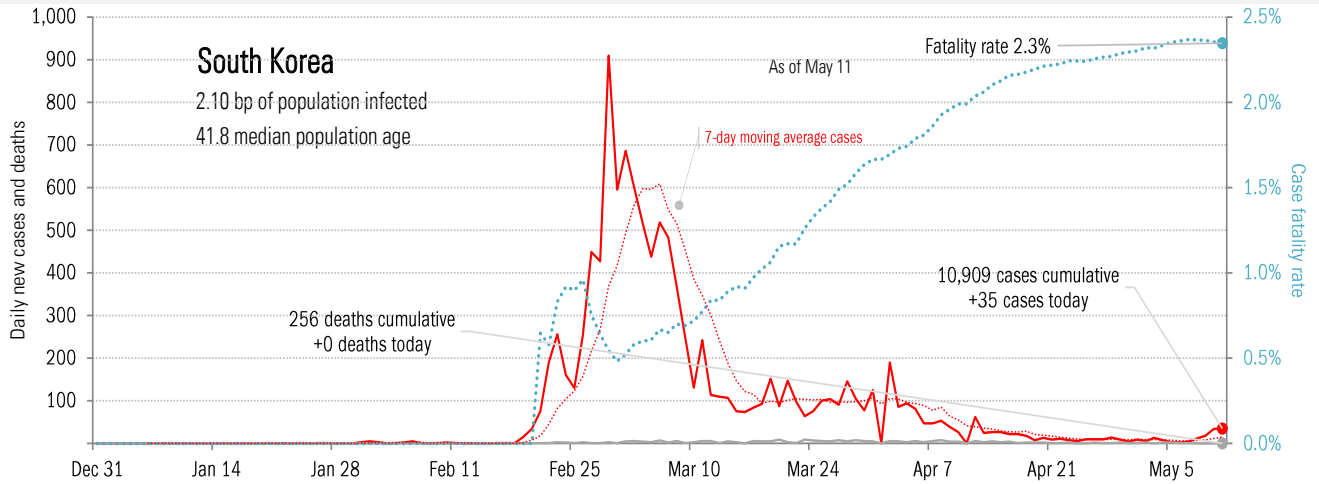
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



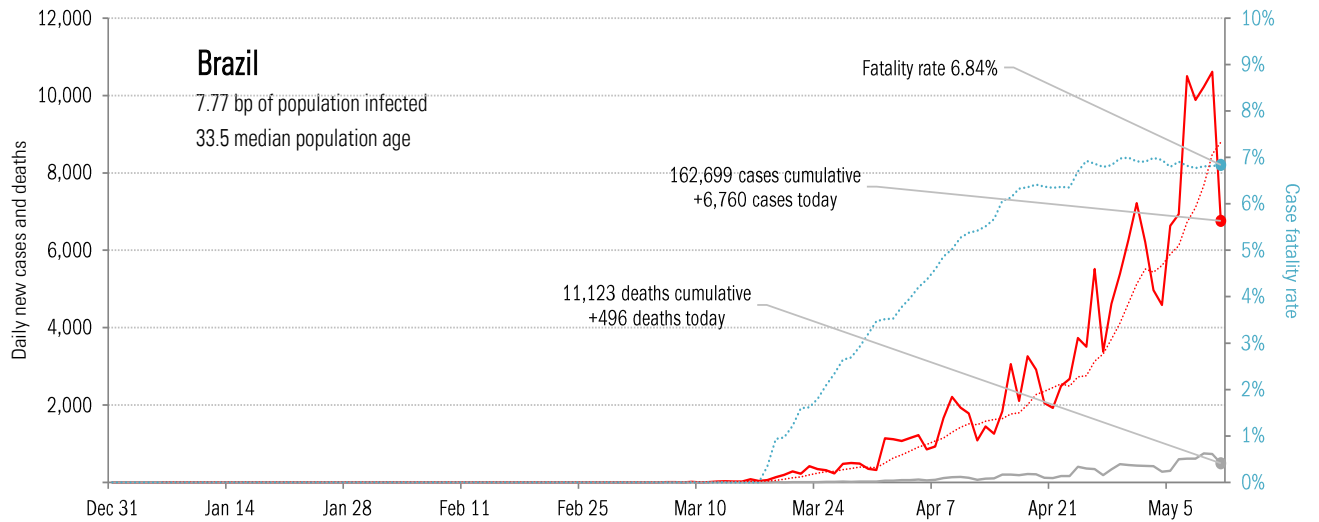
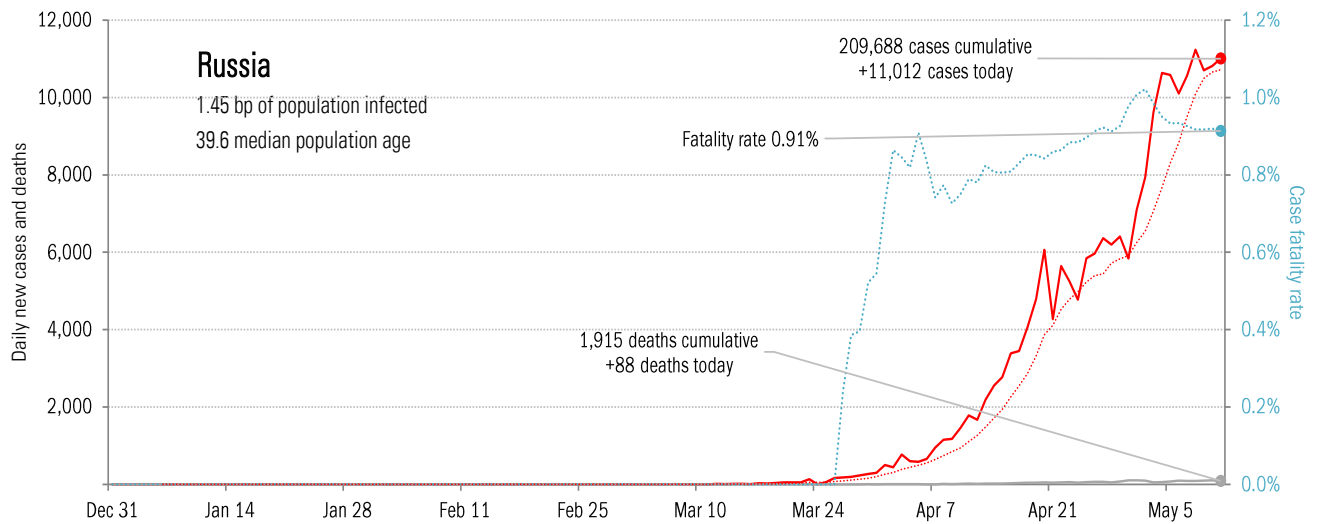
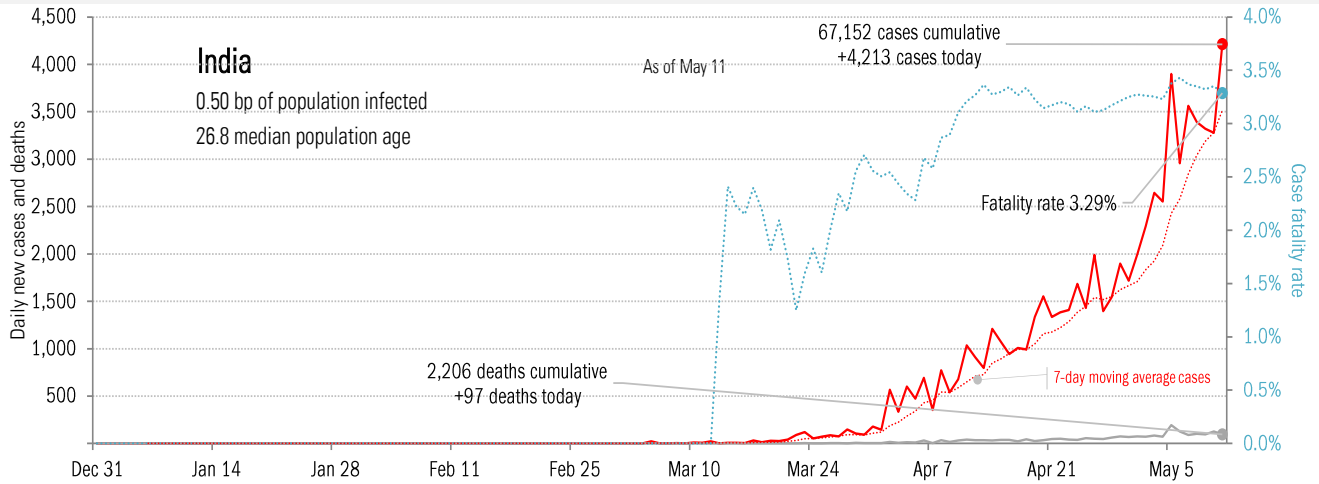
Source: [ECDC](#), TrendMacro calculations

## Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

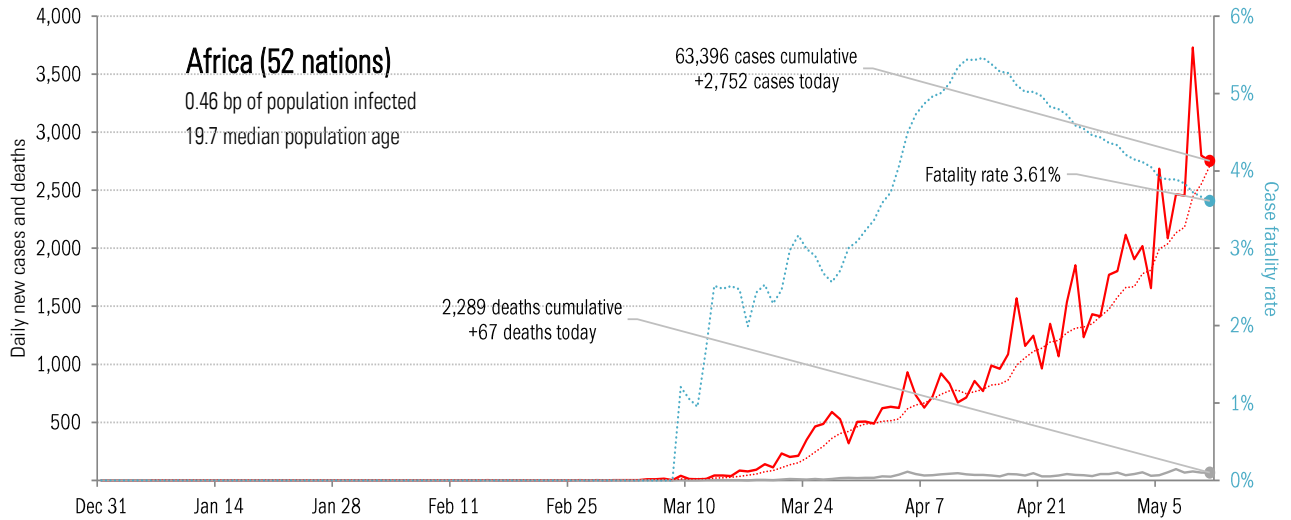
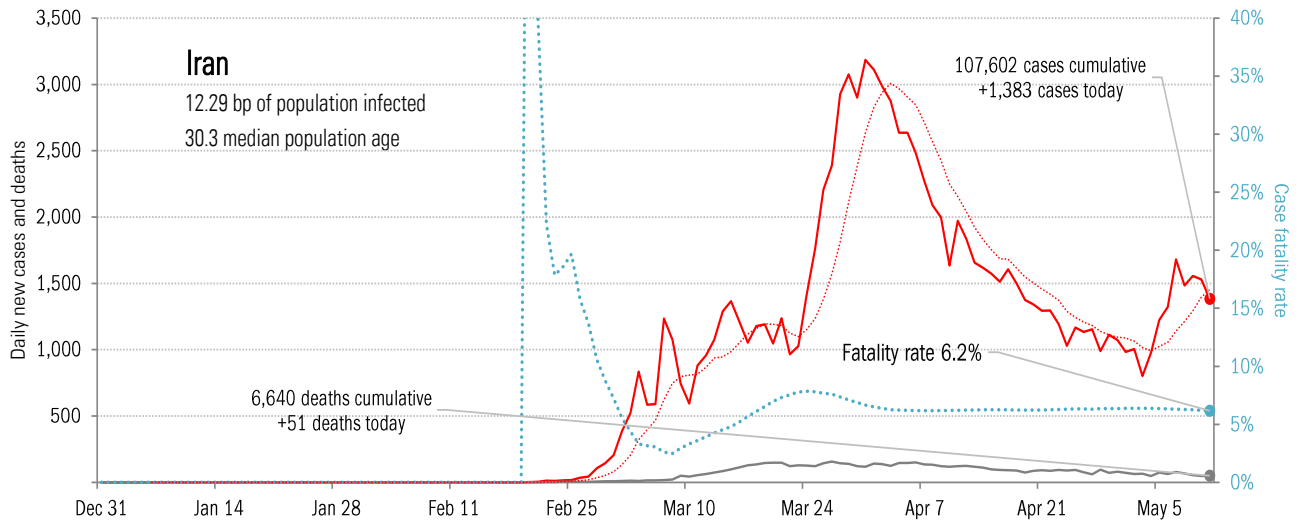
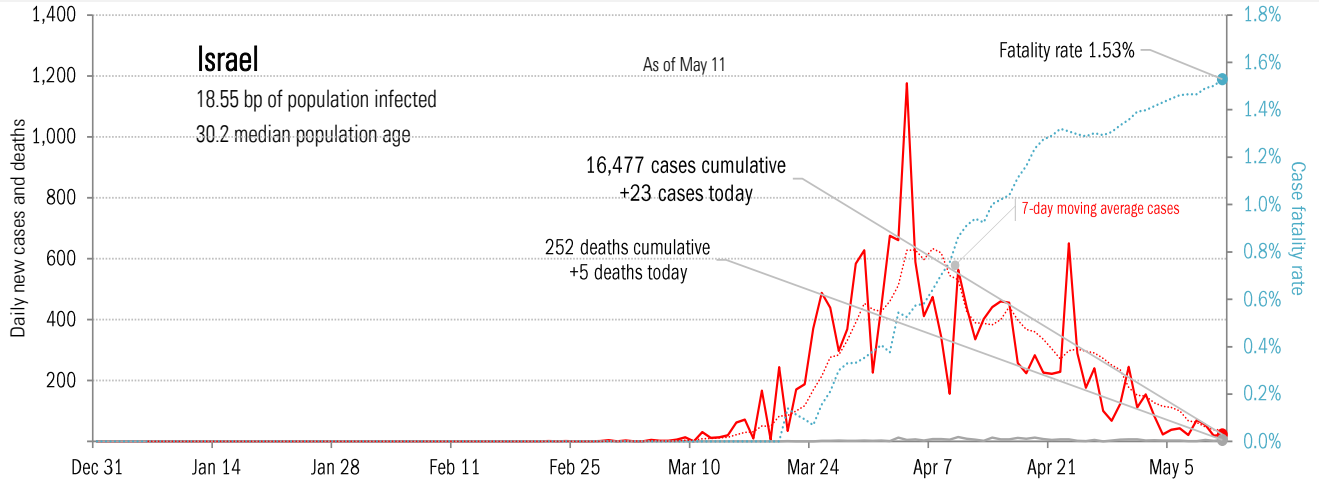
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations