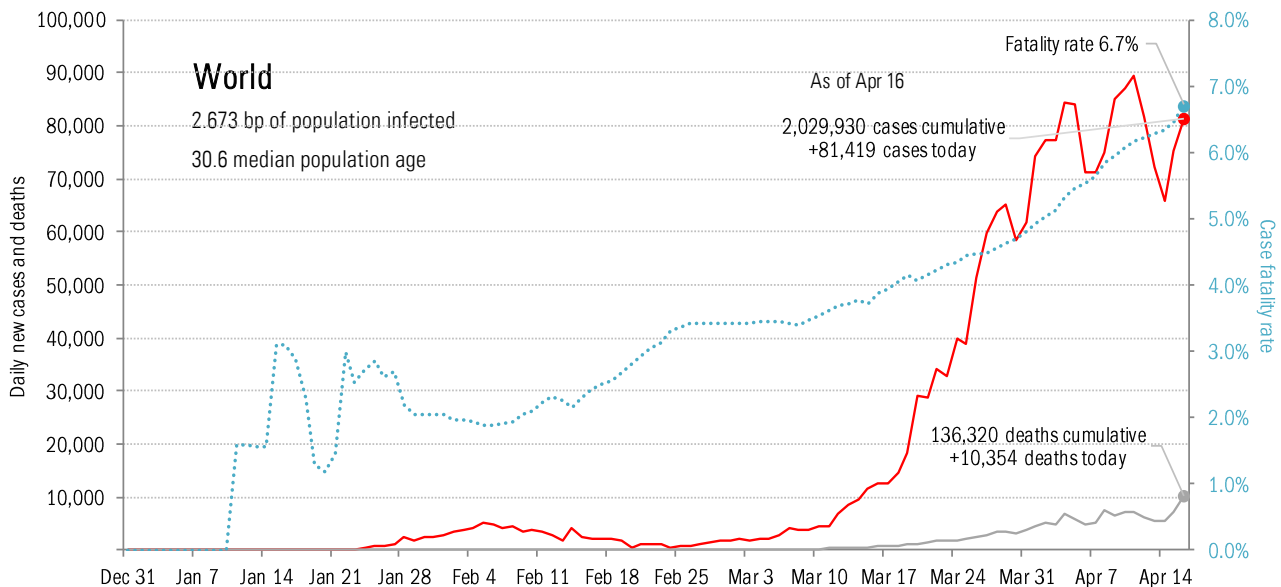
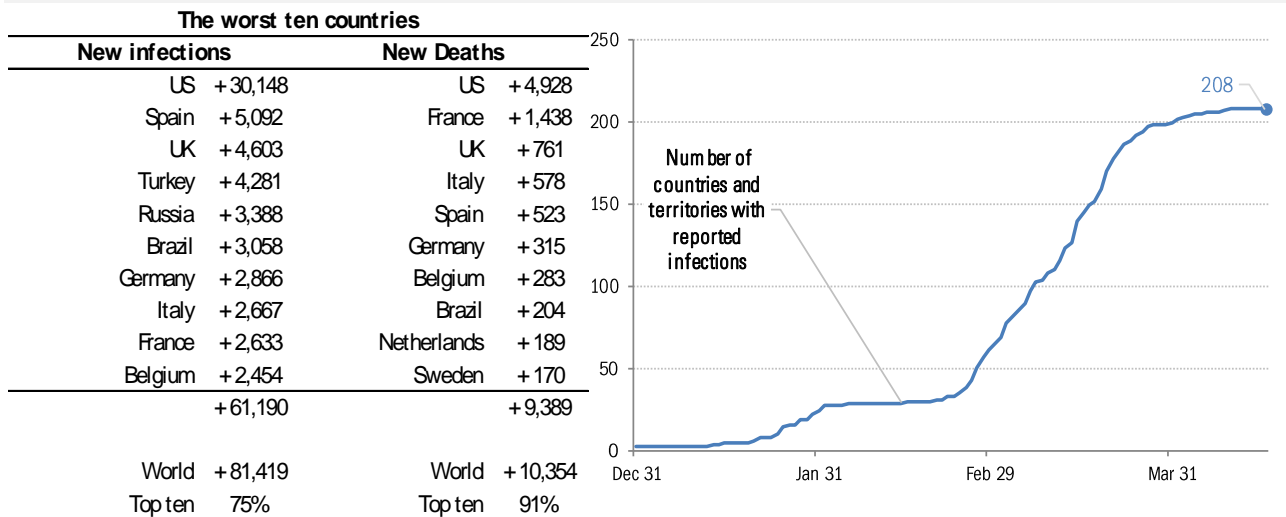


## Data Insights: Covid-2019 Monitor

Thursday, April 16, 2020

### The global scorecard



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

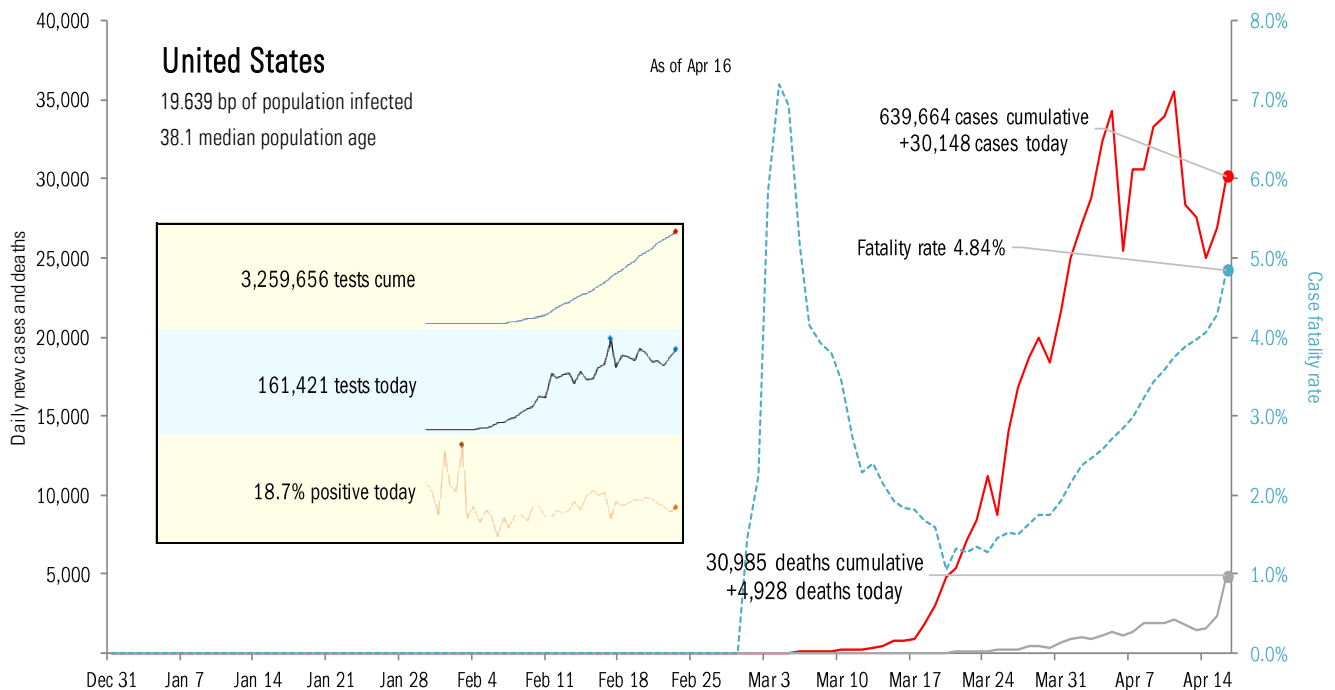
National and state-by-state data do not line up because of different sources

## The ten worst US states

New infections		New Deaths		New in hospital		Cume infections		Cume deaths		Cume in hospital	
NY	+11,571	NY	+752	VA	+1,048	NY	213,779	NY	11,586	NY	46,201
NJ	+2,206	NJ	+351	FL	+284	NJ	71,030	NJ	3,156	FL	3,344
MA	+1,755	CT	+197	GA	+153	MA	29,918	MI	1,921	GA	2,922
IL	+1,346	MI	+153	MD	+109	MI	28,059	MA	1,108	MA	2,340
PA	+1,145	MA	+151	OH	+81	PA	26,490	LA	1,103	OH	2,237
FL	+1,144	LA	+90	CO	+63	IL	24,593	IL	948	MD	2,231
CA	+1,086	IL	+80	MS	+49	CA	24,424	CT	868	CO	1,556
MI	+1,058	FL	+72	WI	+42	FL	22,511	CA	821	WI	1,091
TX	+868	CA	+63	MN	+40	LA	21,951	PA	647	VA	1,048
CT	+766	PA	+63	AL	+32	TX	15,492	FL	609	KY	687
<b>+22,945</b>		<b>+1,972</b>		<b>+1,901</b>		<b>478,247</b>		<b>22,767</b>		<b>63,657</b>	
All states	+30,183	All states	+2,492	All states	+2,056	All states	632,656	All states	28,160	All states	69,603
Top ten	76%	Top ten	79%	Top ten	92%	Top ten	76%	Top ten	81%	Top ten	91%

## Five most improved US states

Fewer daily infections		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
NJ	-2,034	LA	-39	NY	-3,489	TX	+570
MI	-308	NY	-26	NM	-181	TN	+227
GA	-144	MI	-13	SC	-179	IA	+167
SC	-131	NC	-13	CH	-42	AZ	+136
NC	-109	CH	-13	MD	-38	NH	+116



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

## Recommended reading

### [Top Israeli prof claims virus plays itself out after 70 days](#)

*Times of Israel*  
April 13, 2020

### [Coronavirus In Five States \(2\)](#)

John Hinderaker  
*Powerline Blog*  
April 15, 2020

### ['Operation Gridlock': Convoy in Michigan's capital protests stay-at-home orders](#)

Bill Hutchinson  
*ABC News*  
April 15, 2020

### [A New Strategy for Bringing People Back to Work During COVID-19](#)

Avik Roy  
*Medium*  
April 14, 2020

### [China's Data on Symptom-Free Cases Reveals Most Never Get Sick](#)

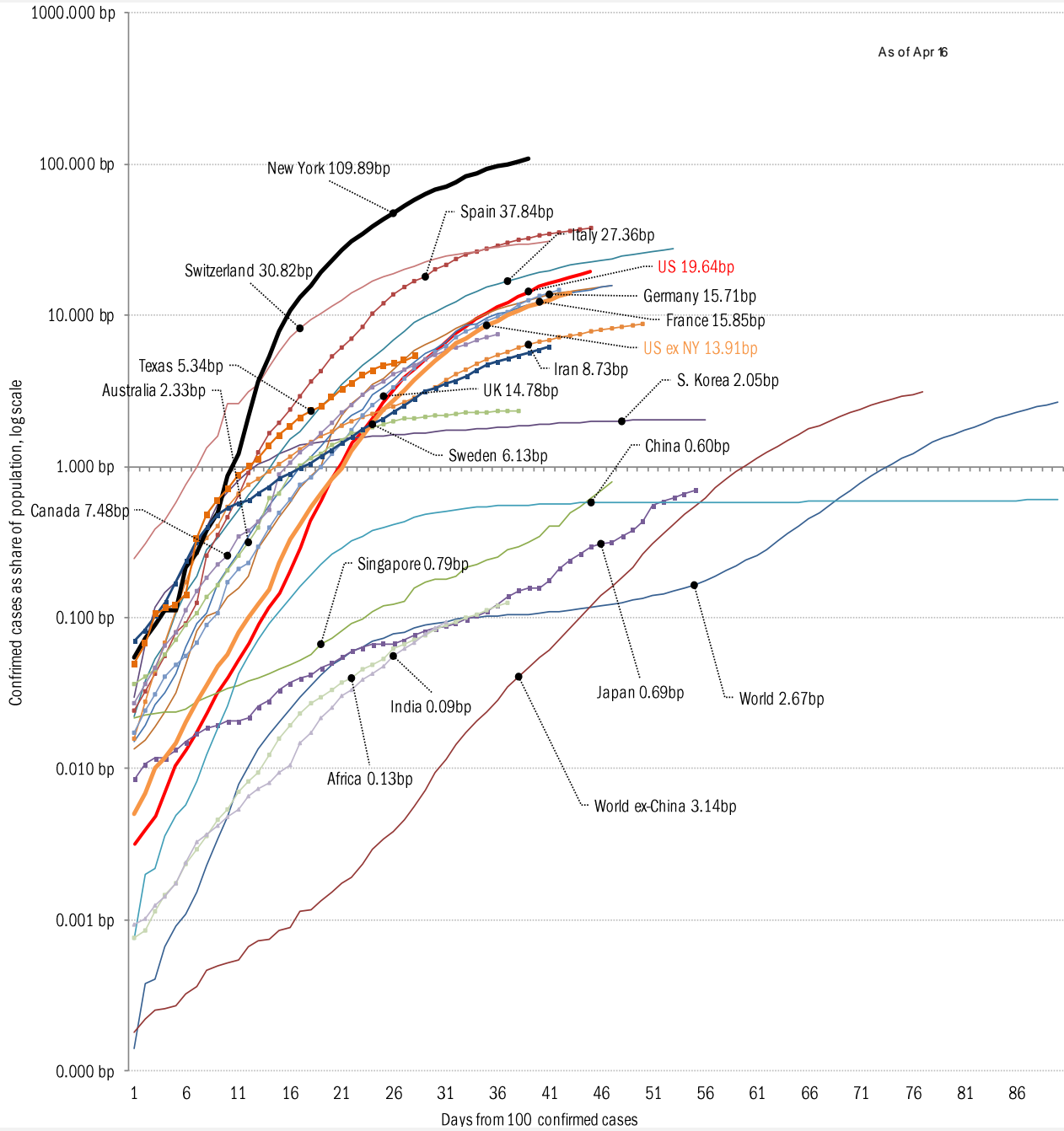
*Bloomberg*  
April 15, 2020

## Meme of the day



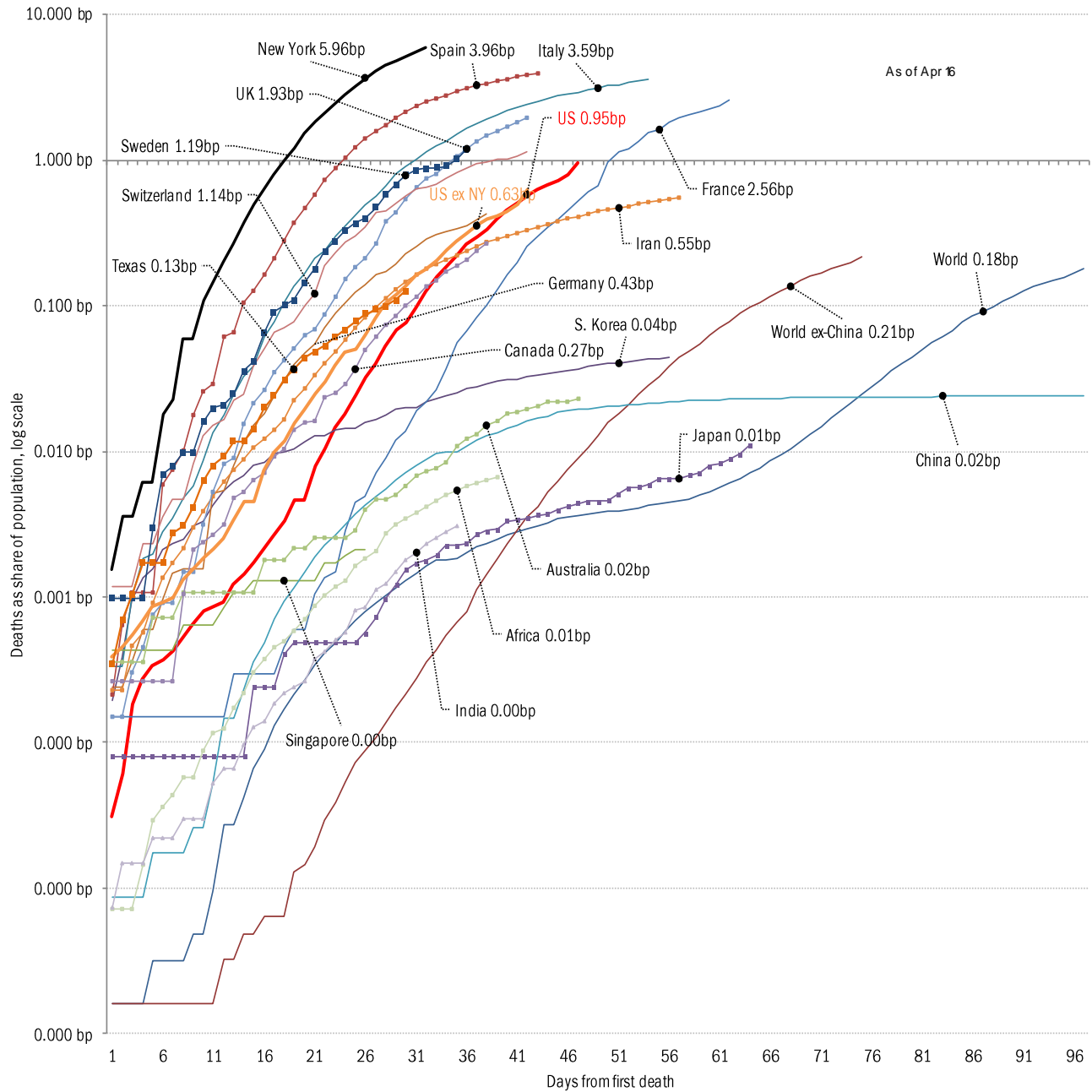
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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*



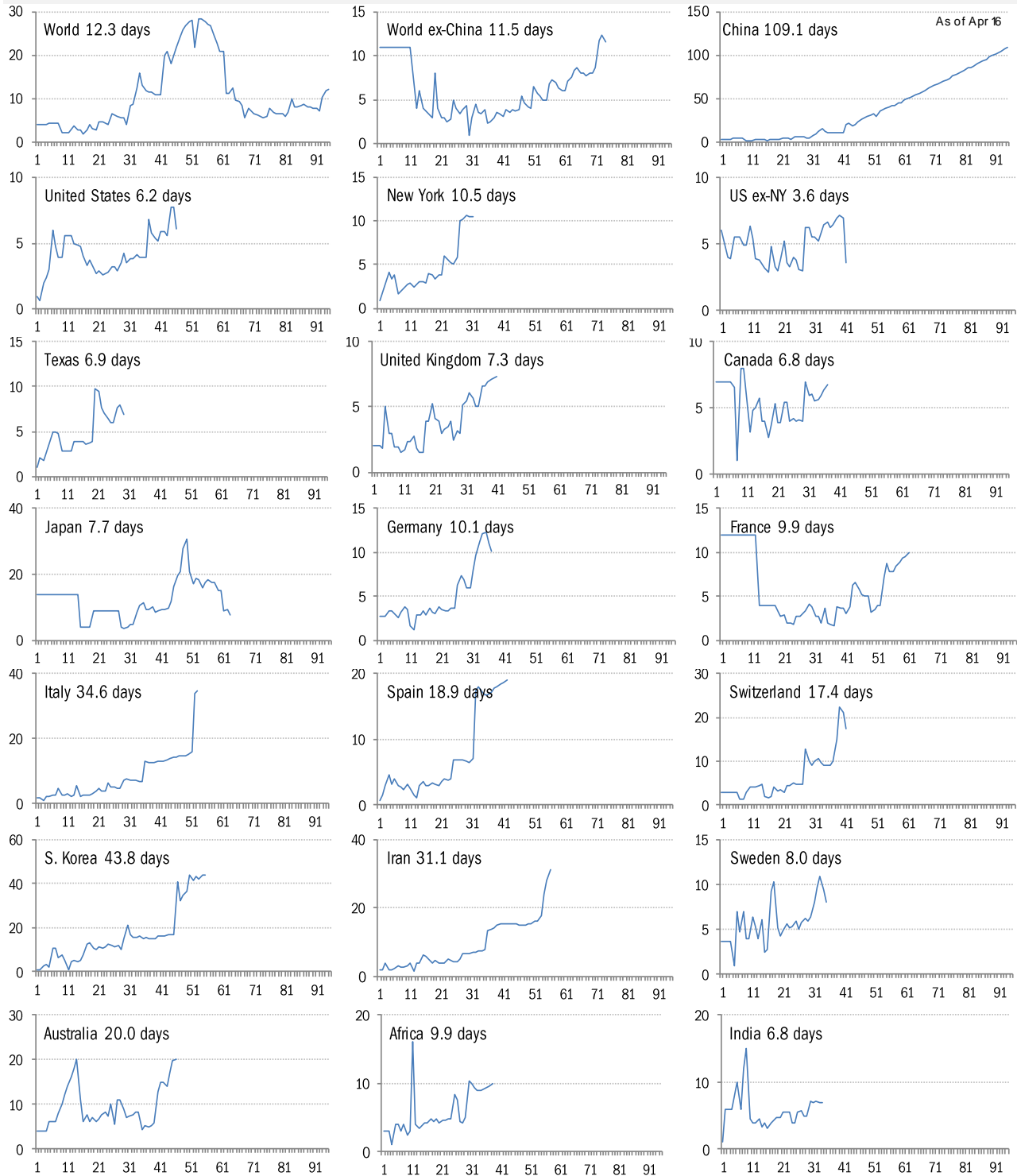
Source: [ECDC](#), TrendMacro calculations

# 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*

Progress means seeing the line move up and to the right...

*Extrapolated between actual doubling points. The most anomalous extrapolations are smoothed.*



Source: [ECDC](#), TrendMacro calculations

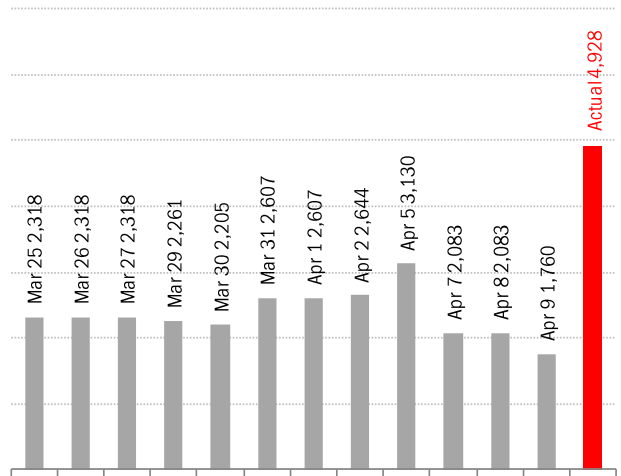
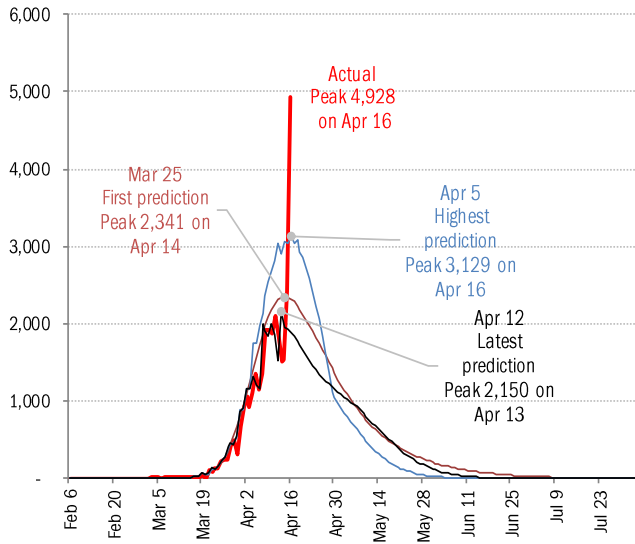
# Reality-checking the models: actual fatalities versus [IHME predictions](#)

As of Apr 16

## New daily fatalities

Actual versus first, highest and latest model mean predictions

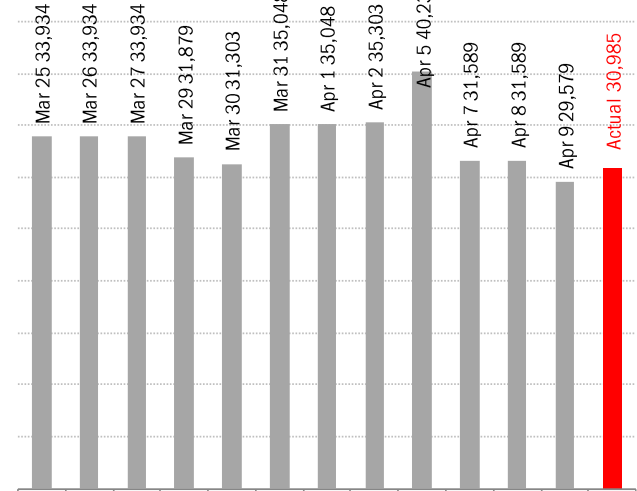
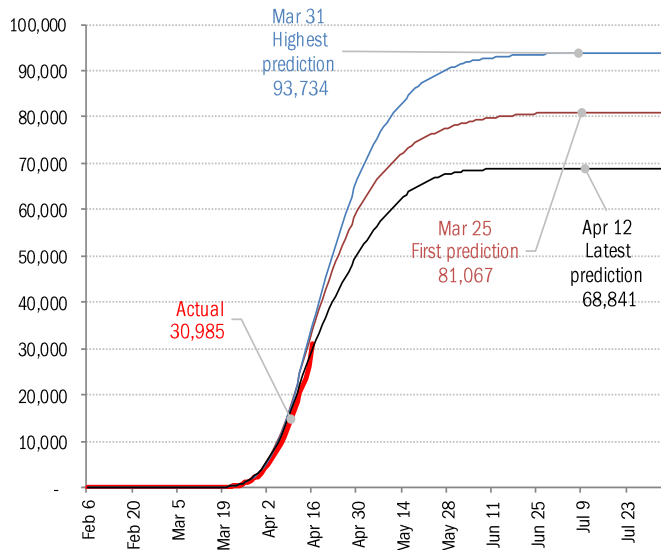
For this day, versus all model mean predictions



## Cumulative fatalities

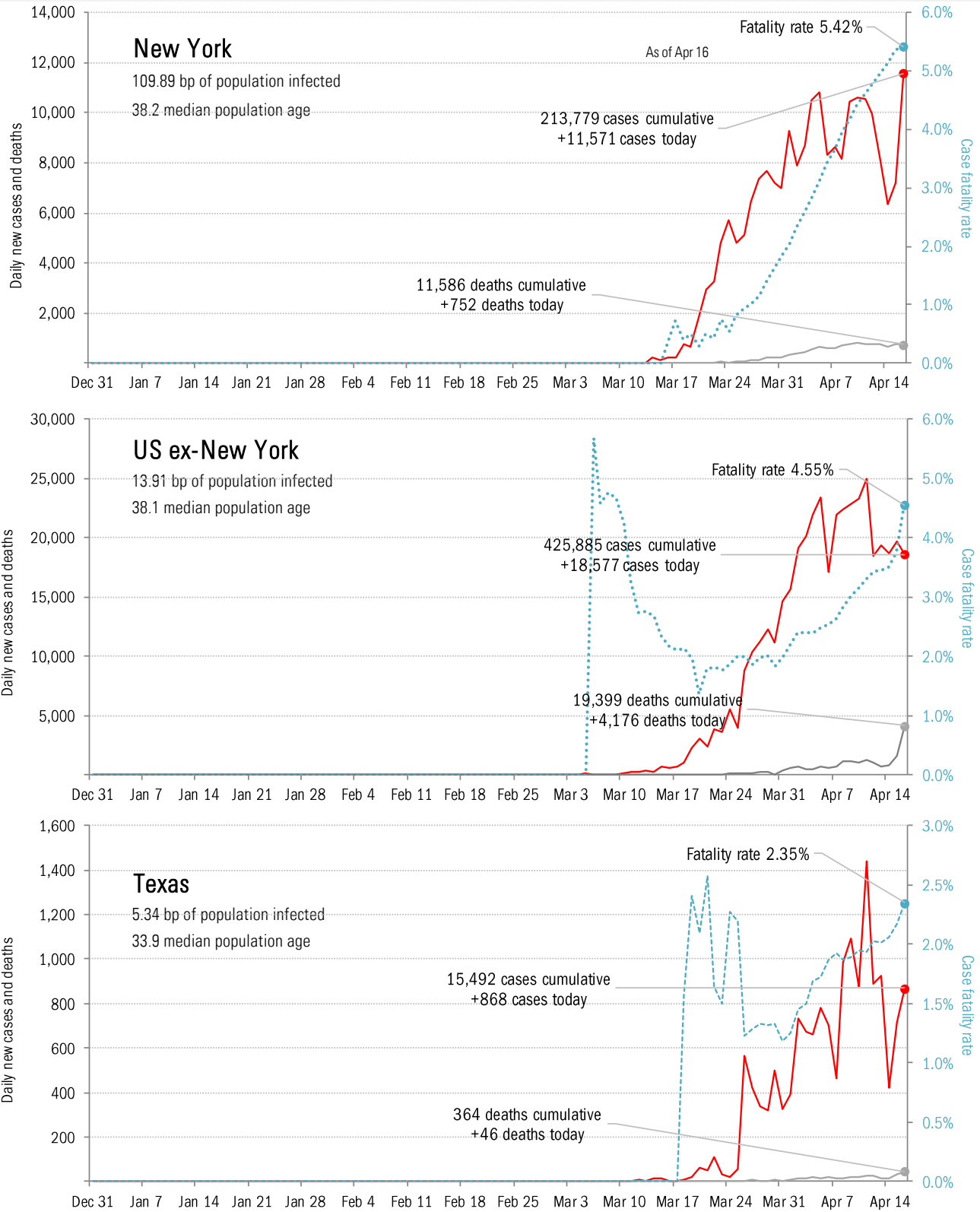
Actual versus first, highest and latest model mean predictions

For this day, versus all model mean predictions



Source: [ECDC](#), TrendMacro calculations

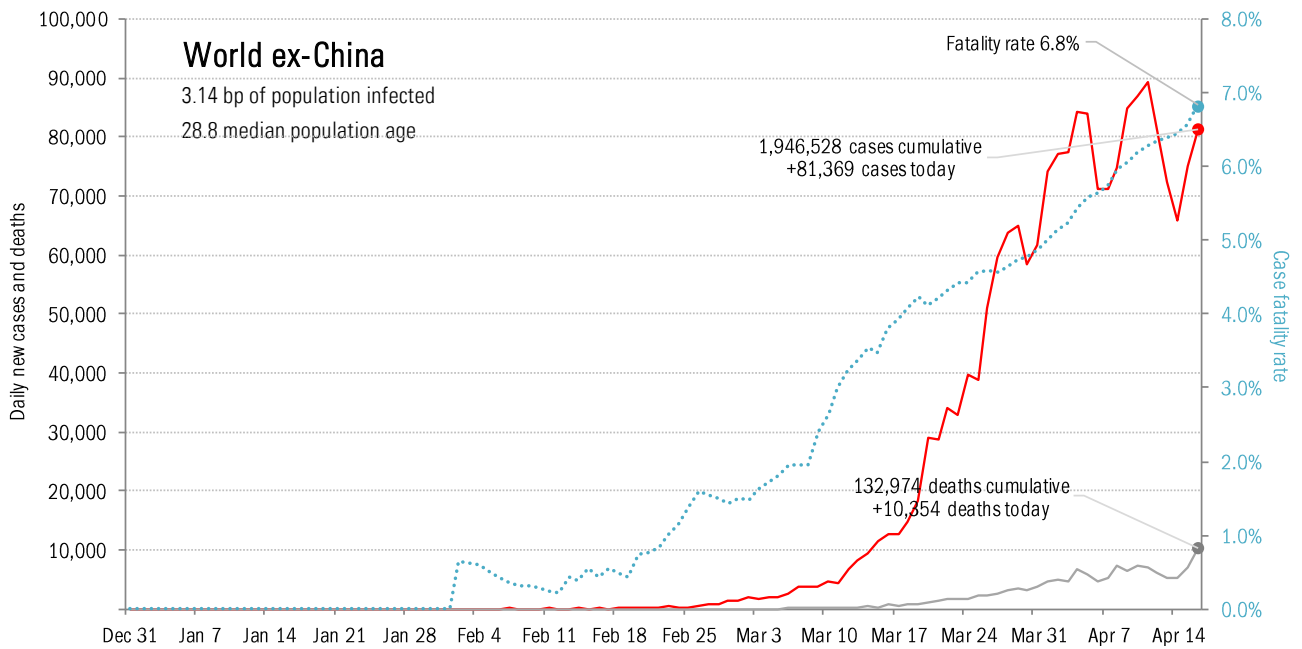
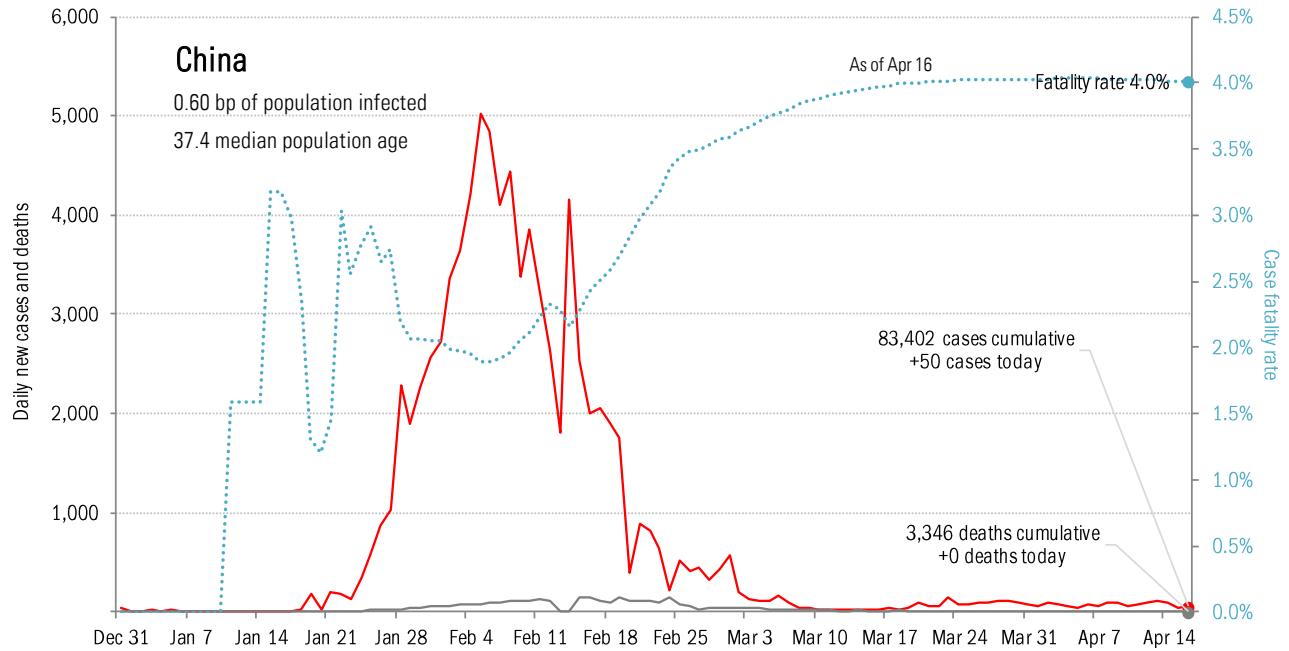
# From Ground Zero to the Rio Grande



Source: [ECDC](#), TrendMacro calculations

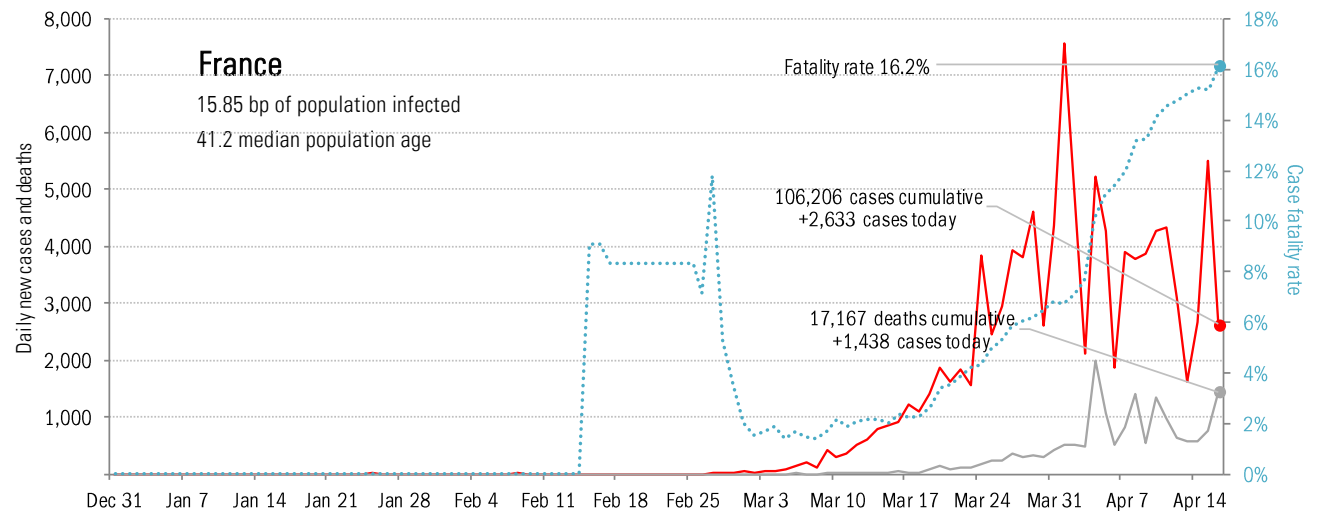
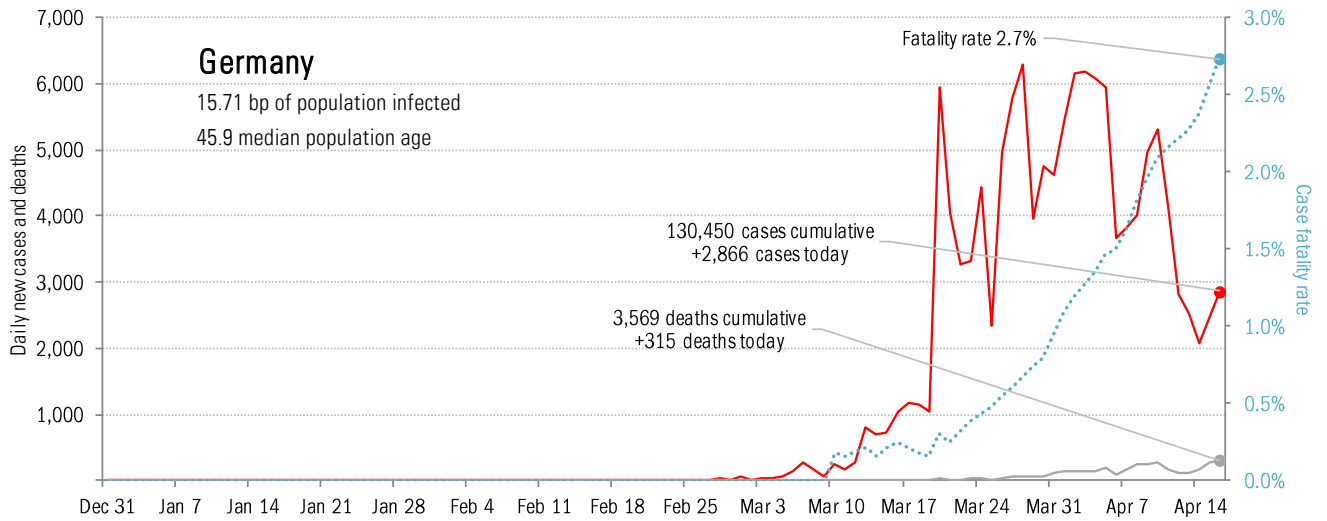
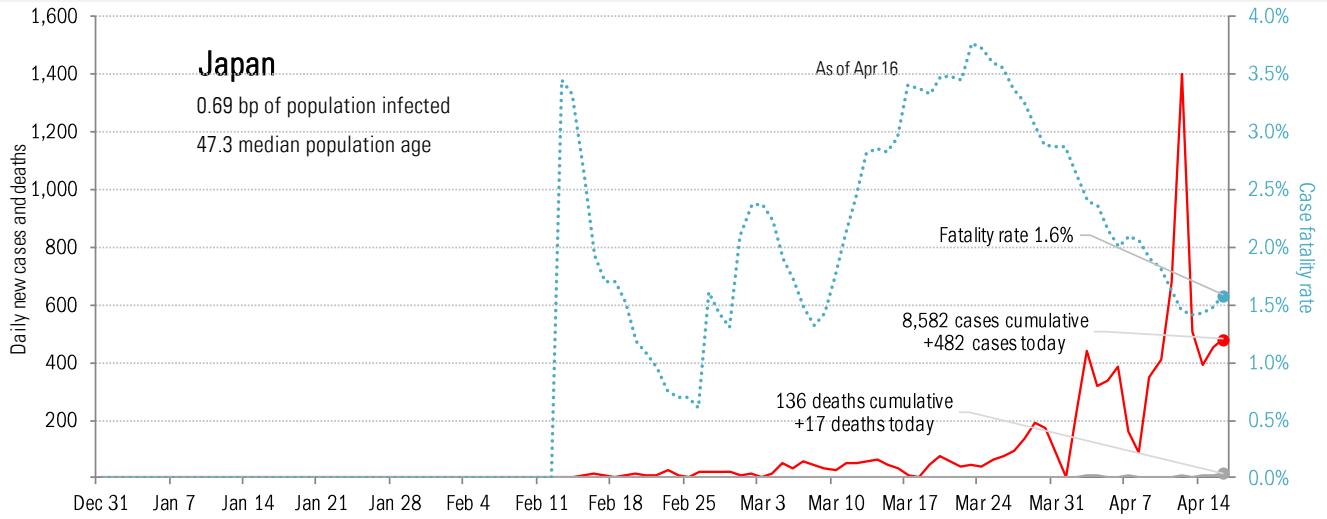


# Patient zero... and then everyone else



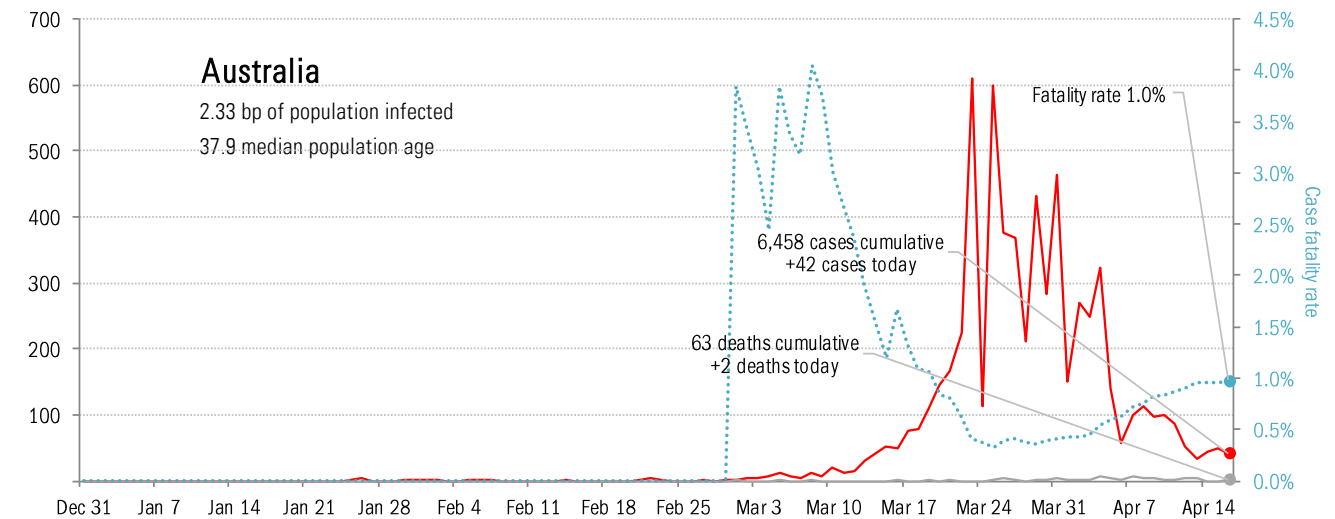
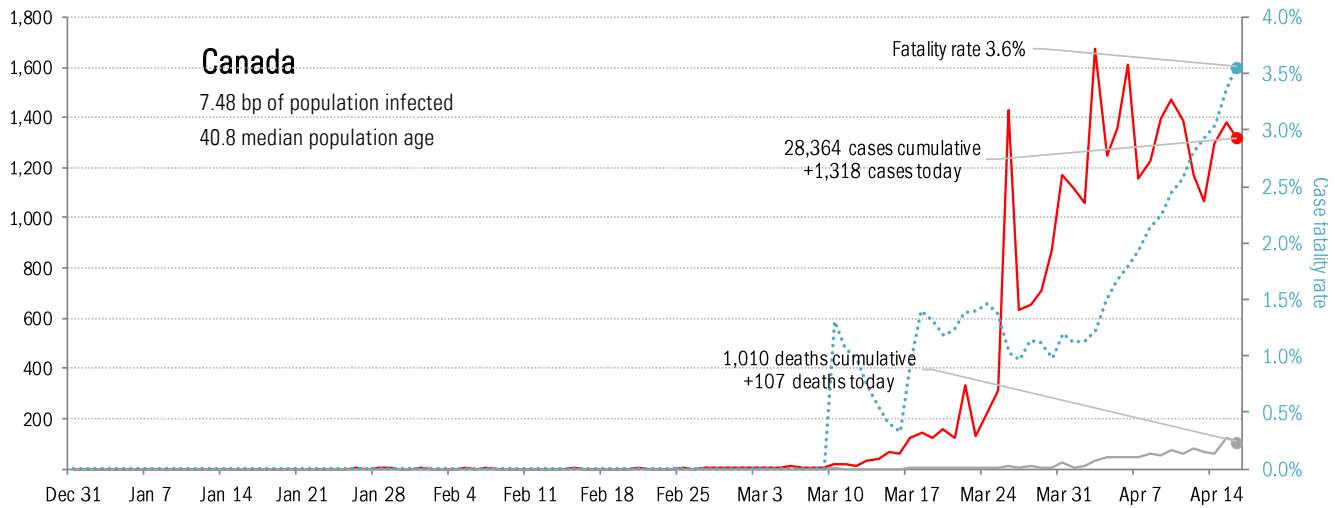
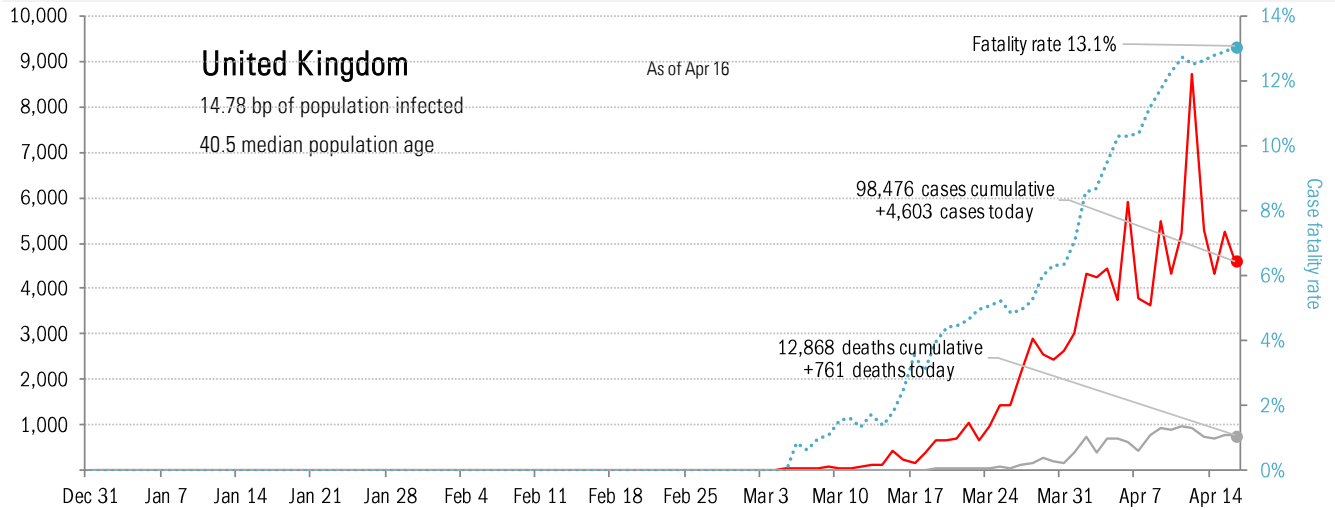
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



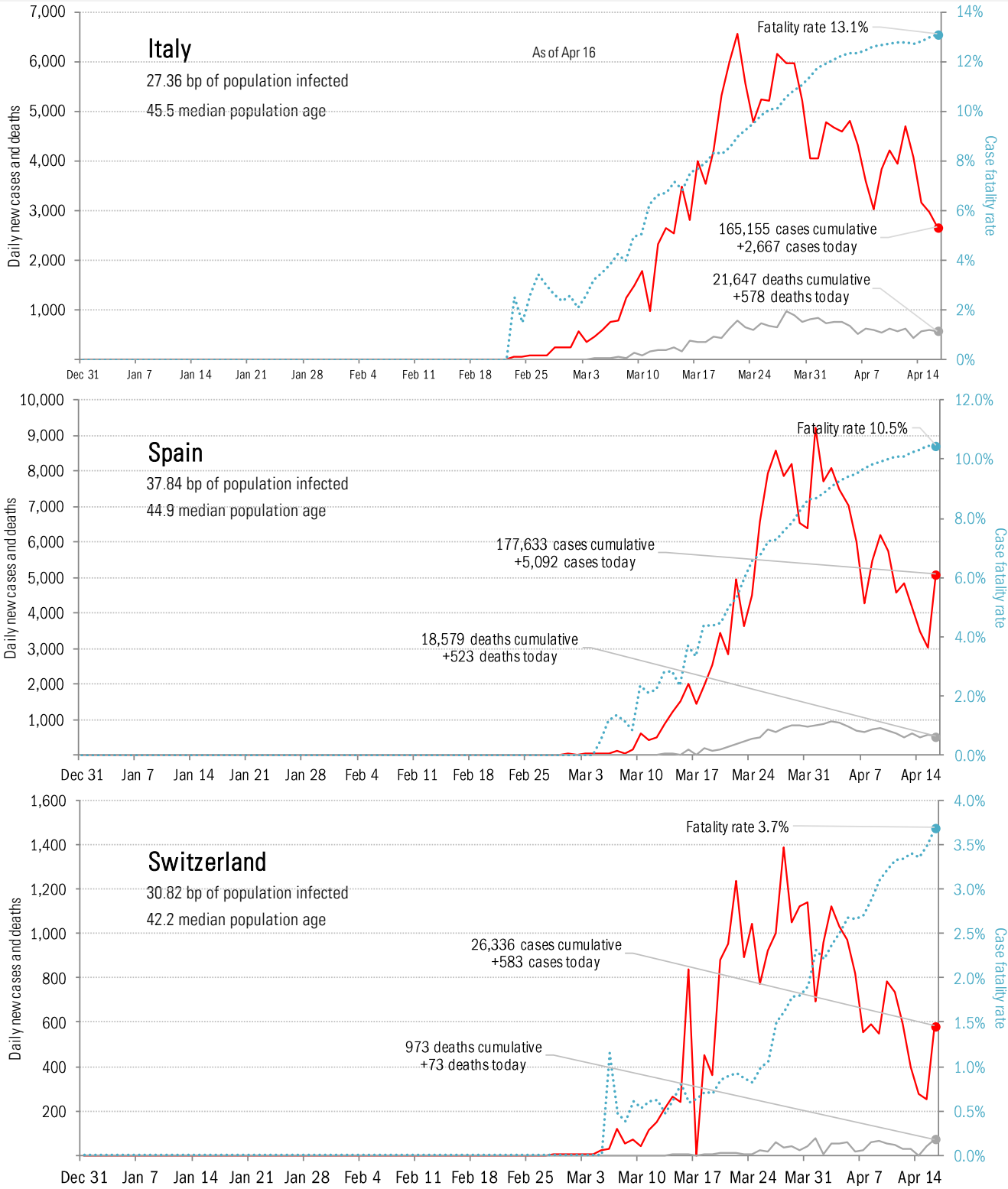
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



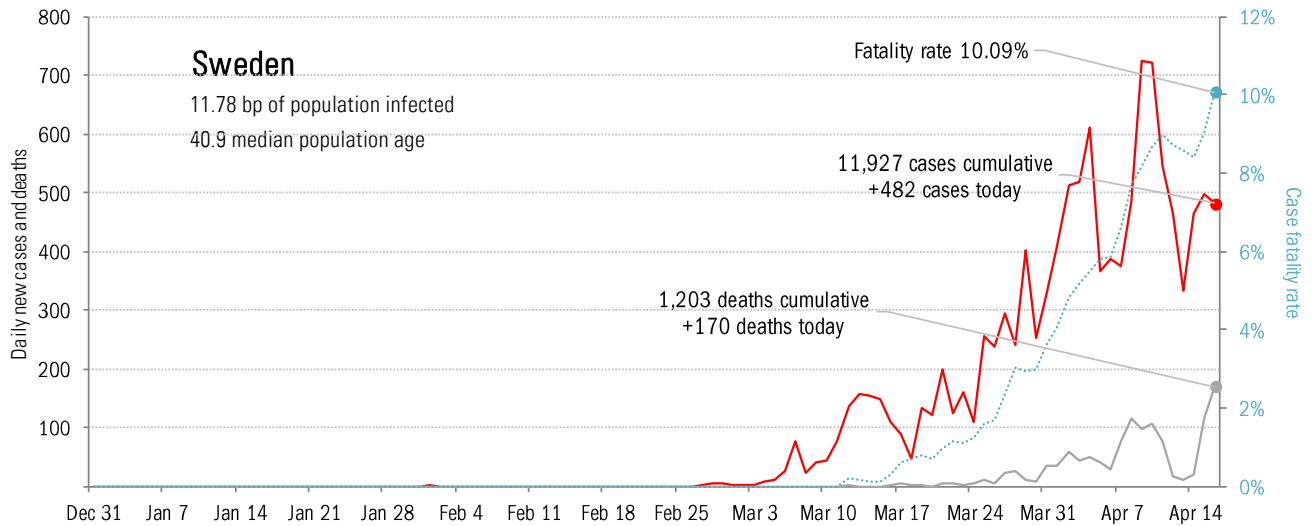
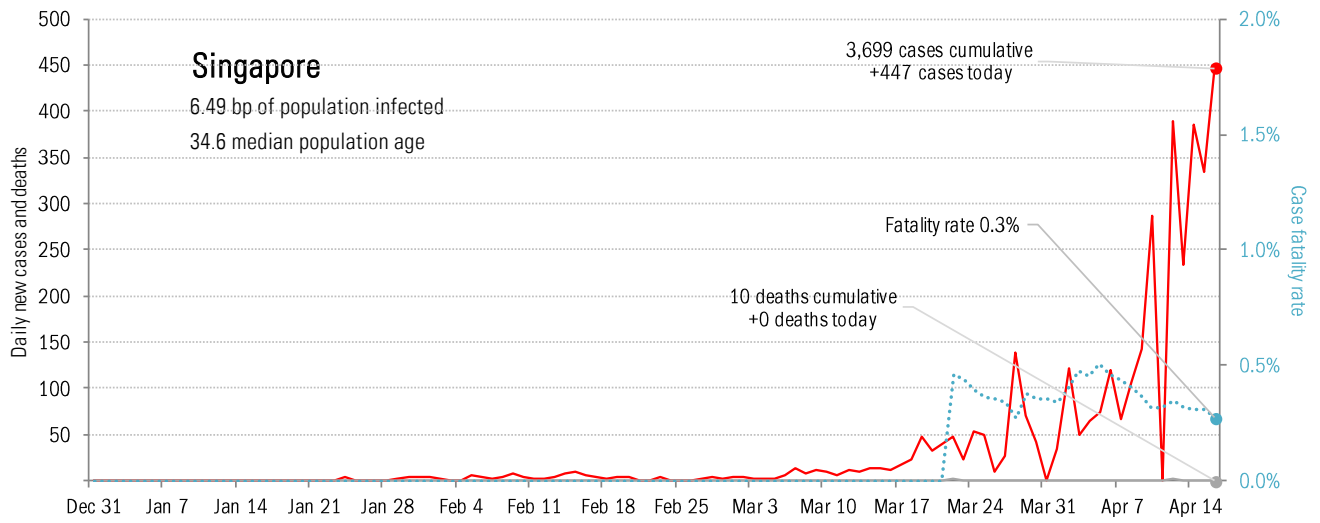
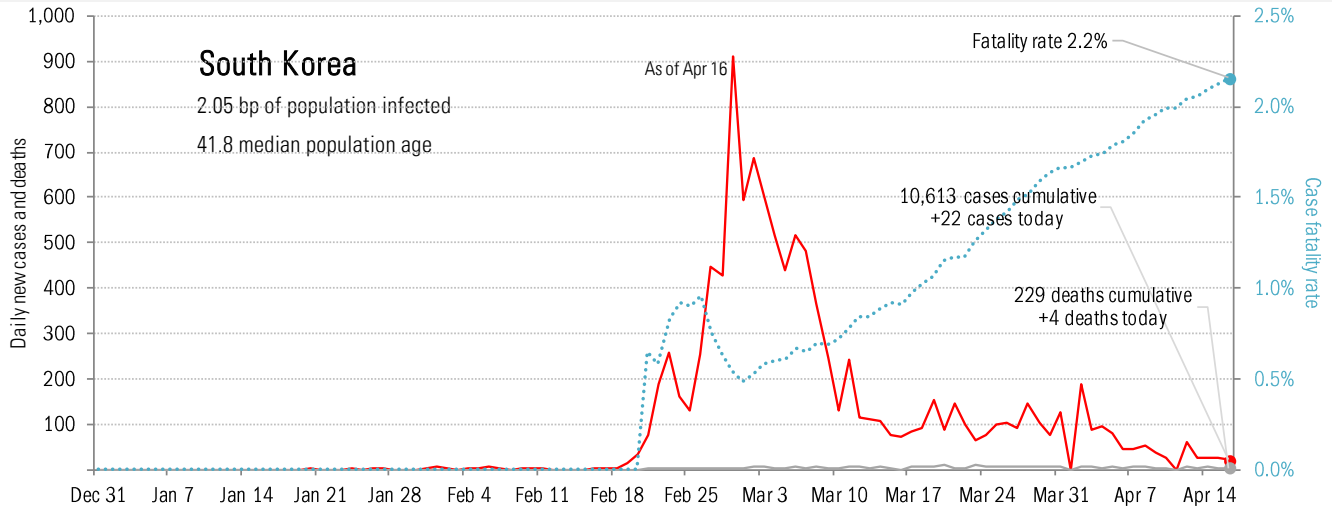
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



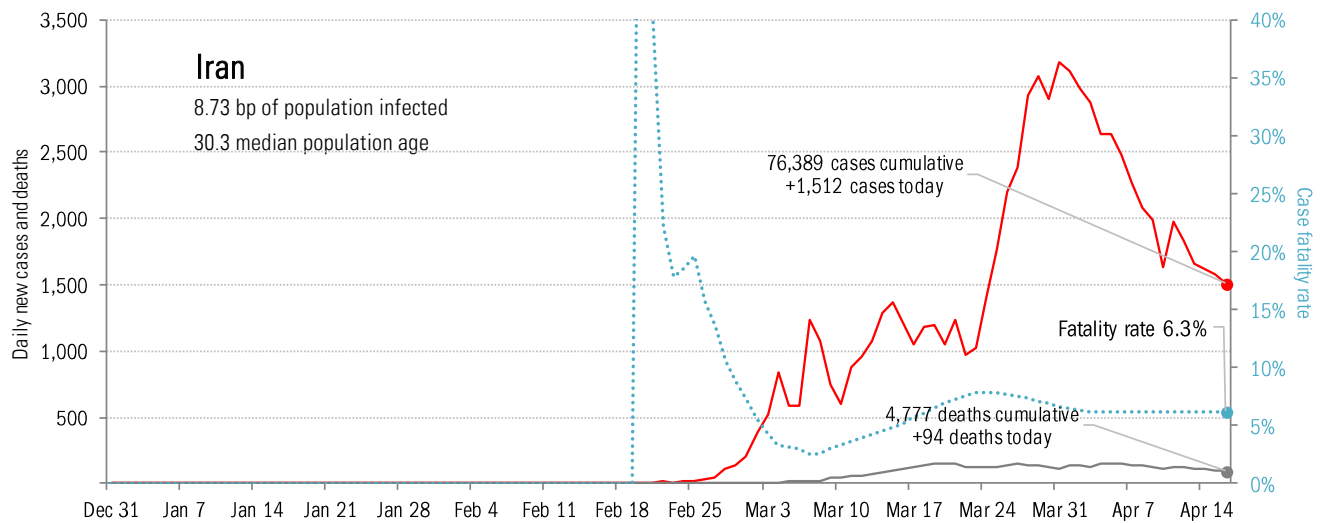
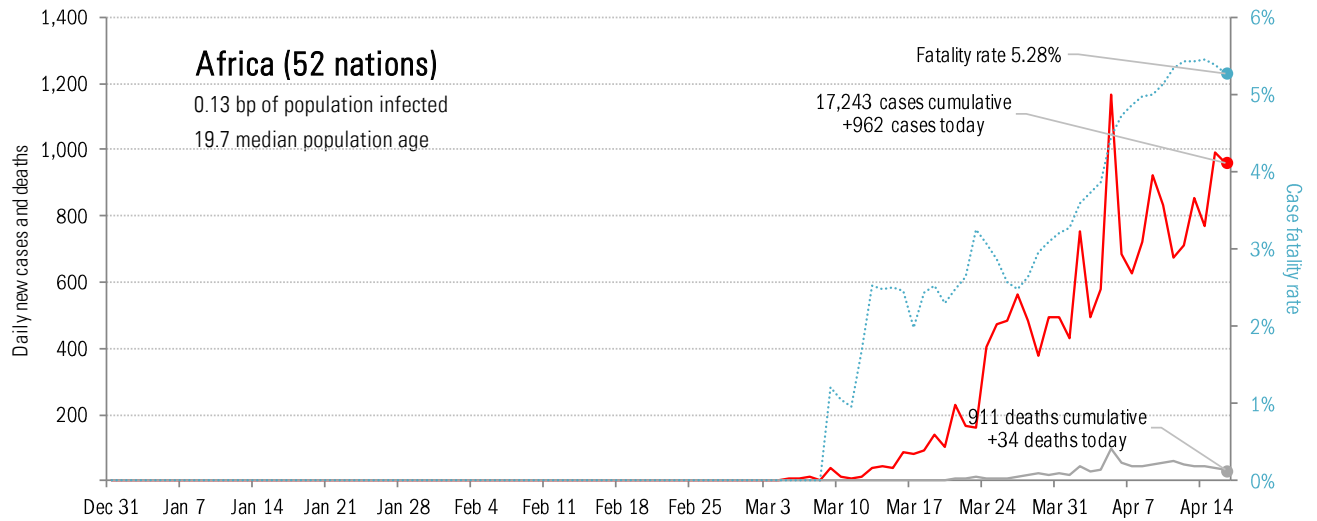
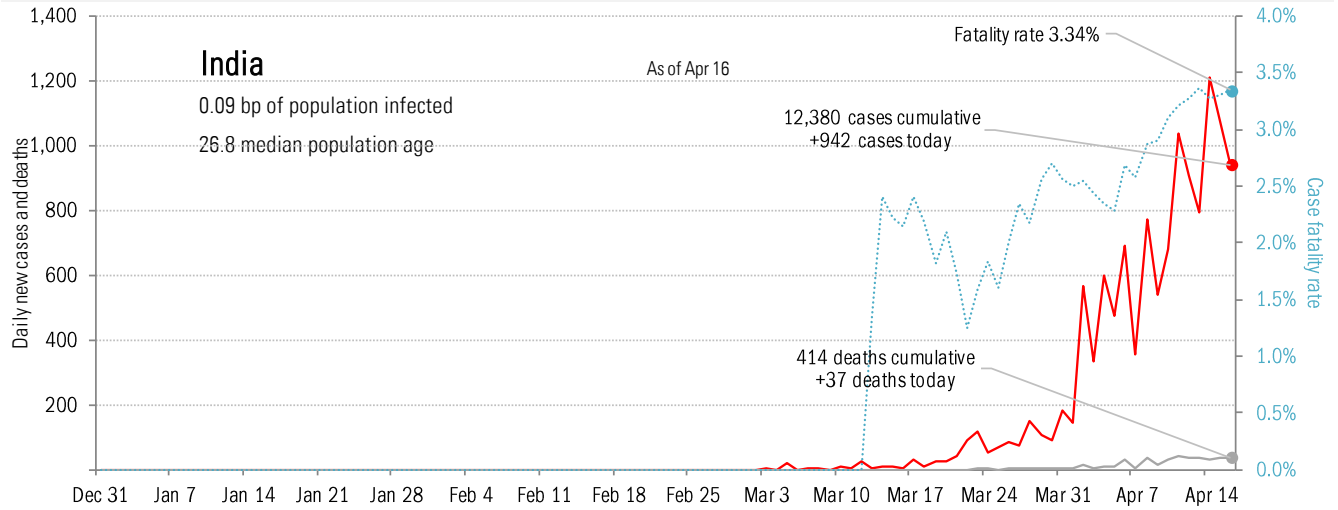
Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

# Impact in the fragile emerging world



Source: [ECDC](#), TrendMacro calculations