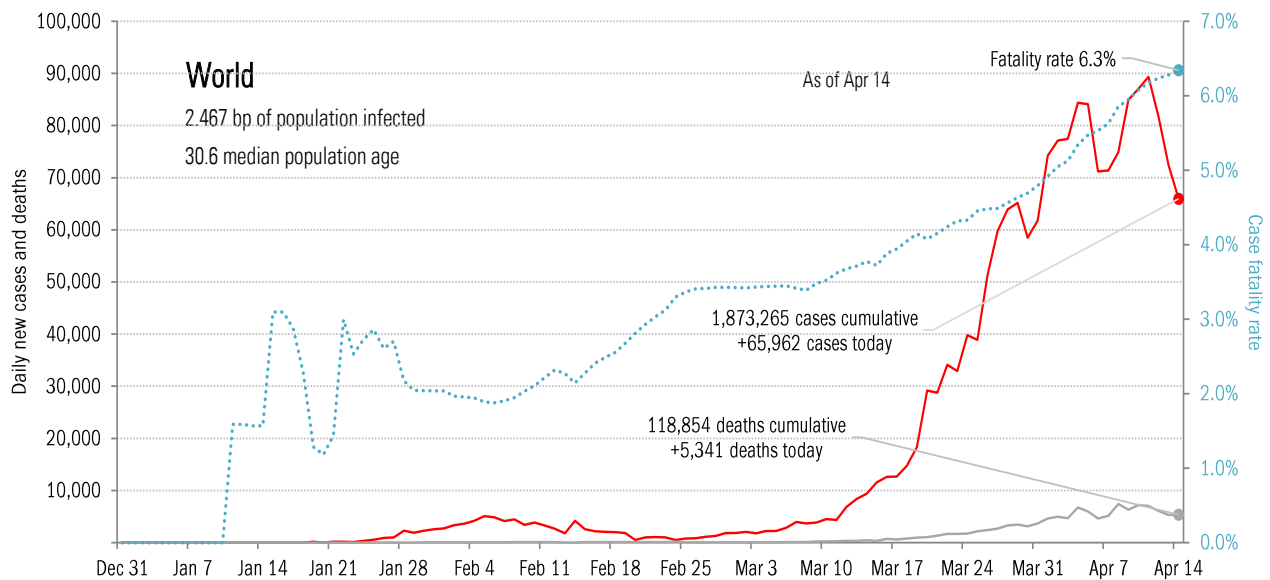
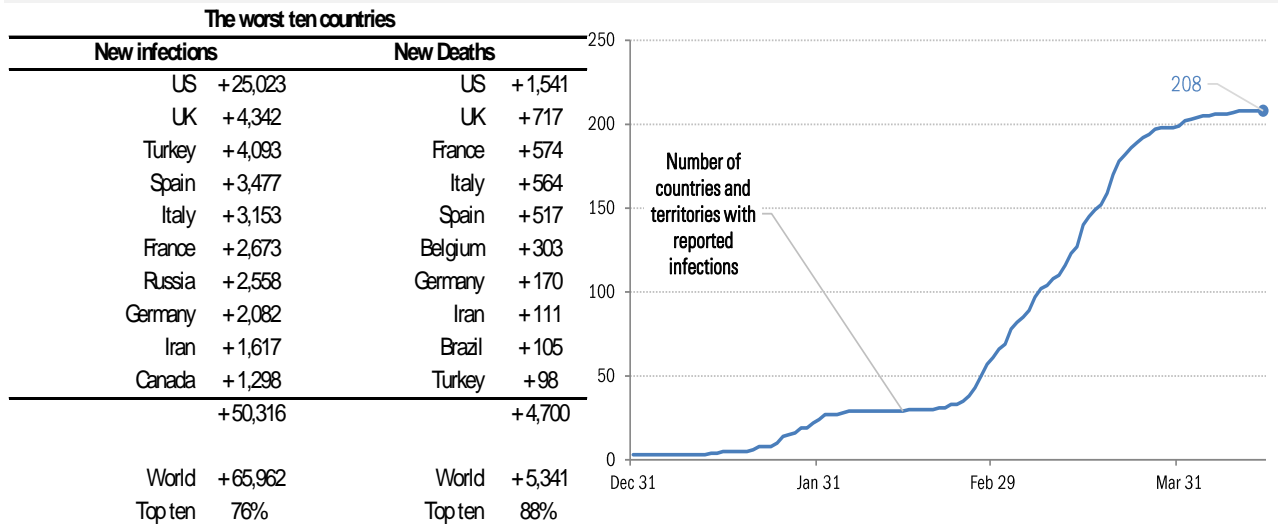


## Data Insights: Covid-2019 Monitor

Tuesday, April 14, 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

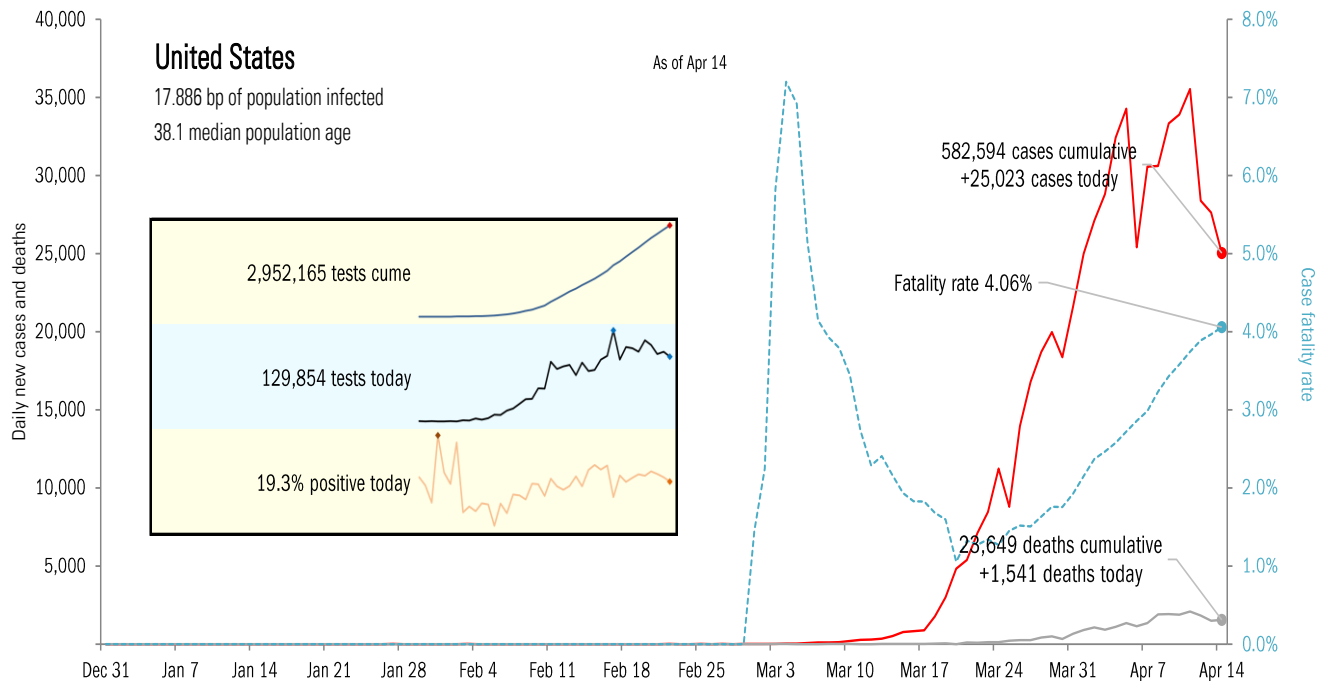
National and state-by-state data do not line up because of different sources

## The ten worst US states

New infections		New Deaths		New in hospital		Cure infections		Cure deaths		Cure in hospital	
NY	+6,337	NY	+671	RI	+331	NY	195,031	NY	10,056	NY	42,712
NJ	+2,734	MI	+115	KY	+208	NJ	64,584	NJ	2,443	FL	2,833
MA	+1,392	NJ	+93	WV	+164	MA	26,867	MI	1,602	GA	2,589
PA	+1,366	MA	+88	NY	+118	MI	25,635	LA	884	MA	2,340
CT	+1,346	IL	+74	MD	+115	PA	24,199	MA	844	OH	2,033
FL	+1,246	CT	+48	MA	+105	CA	22,348	IL	794	MD	1,975
IL	+1,173	LA	+44	CO	+96	IL	22,025	CA	687	CO	1,472
MI	+997	CA	+36	OH	+85	LA	21,016	CT	602	WI	993
GA	+863	GA	+31	GA	+84	FL	20,601	PA	524	KY	667
CO	+791	CO	+30	FL	+61	TX	13,906	WA	508	TN	579
<b>+18,245</b>		<b>+1,230</b>		<b>+1,367</b>		<b>436,212</b>		<b>18,944</b>		<b>58,193</b>	
All states	+24,948	All states	+1,450	All states	+1,472	All states	576,774	All states	23,369	All states	62,673
Top ten	73%	Top ten	85%	Top ten	93%	Top ten	76%	Top ten	81%	Top ten	93%

## Five most improved US states

Fewer daily infections		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
NY	-1,899	NY	-87	NY	-1,797	TX	+255
CA	-1,768	CA	-74	FL	-50	UT	+218
MA	-1,223	NJ	-74	MD	-36	TN	+167
NJ	-965	CT	-12	MN	-21	MD	+147
TX	-501	FL	-9	MS	-19	KY	+143



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

## Recommended reading

[Mass Antibody Testing in This Rural Colorado County Sheds Light on COVID-19's Prevalence and Lethality](#)

Jacob Sullum  
*Reason*  
April 8, 2020

[Eight Reasons to End the Lockdowns As Soon as Possible](#)

Jonathan Geach, M.D. et al.  
*Medium*  
April 11, 2020

[An Unnerving Review of Accidents in High-Level Labs Handling Viruses](#)

Jim Geraghty  
*National Review*  
April 13, 2020

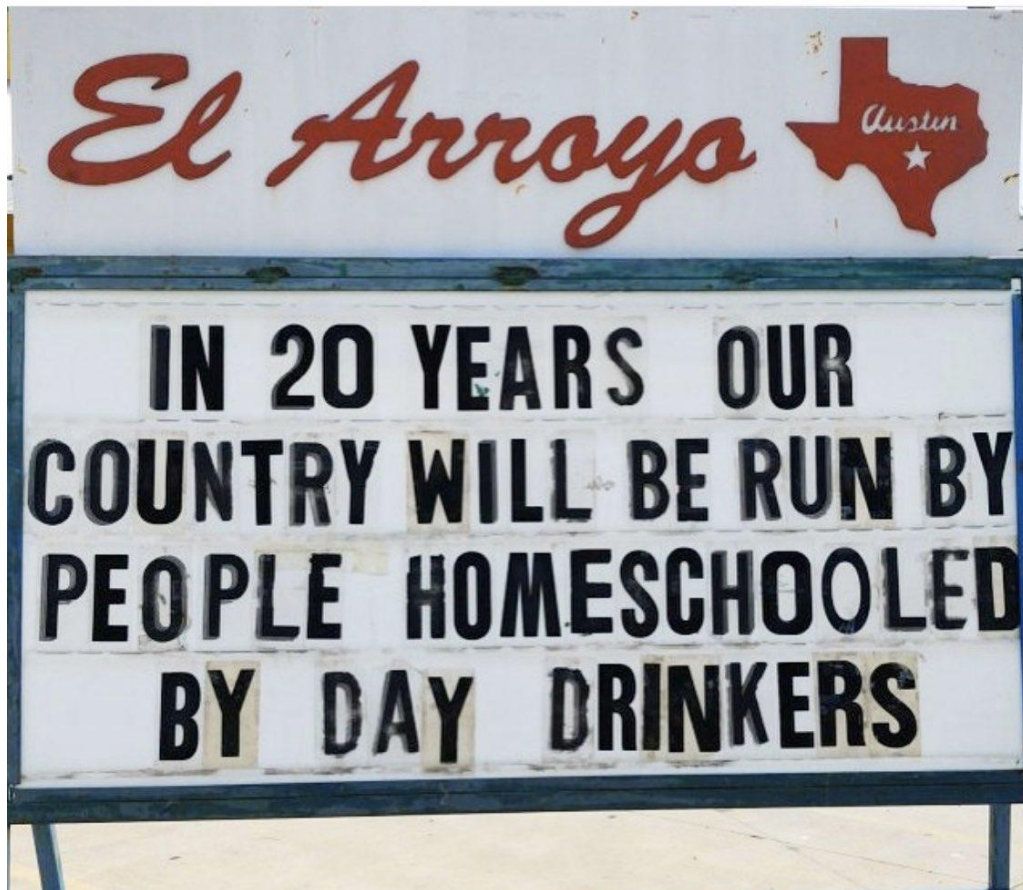
[High transmissibility of COVID-19 near symptom onset](#)

Hao-Yuan Cheng et al.  
*medRxiv*  
March 18, 2020

[Coronavirus In Five States](#)

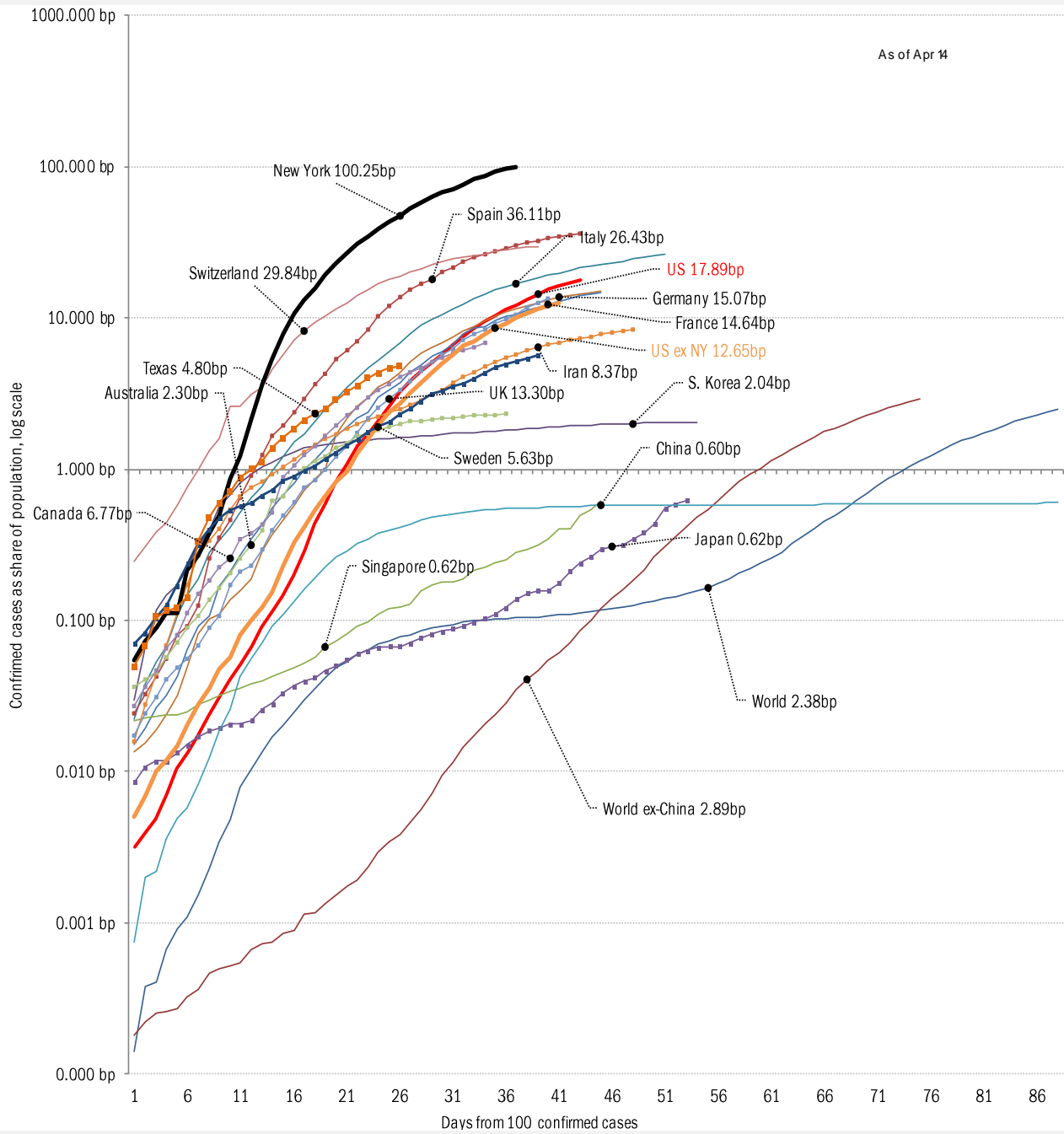
John Hinderaker  
*Powerline Blog*  
April 12, 2020

## Meme of the day



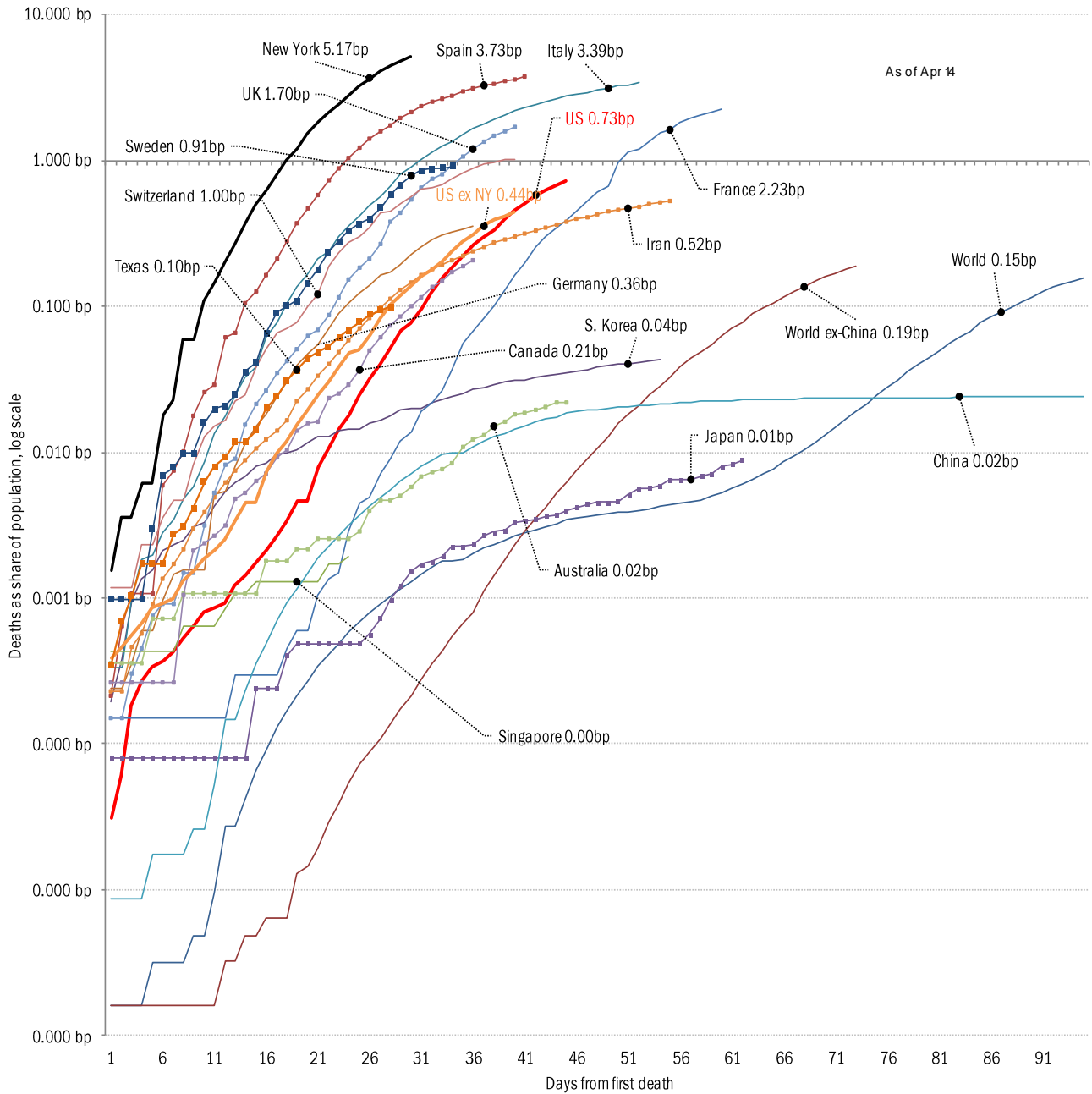
Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

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*



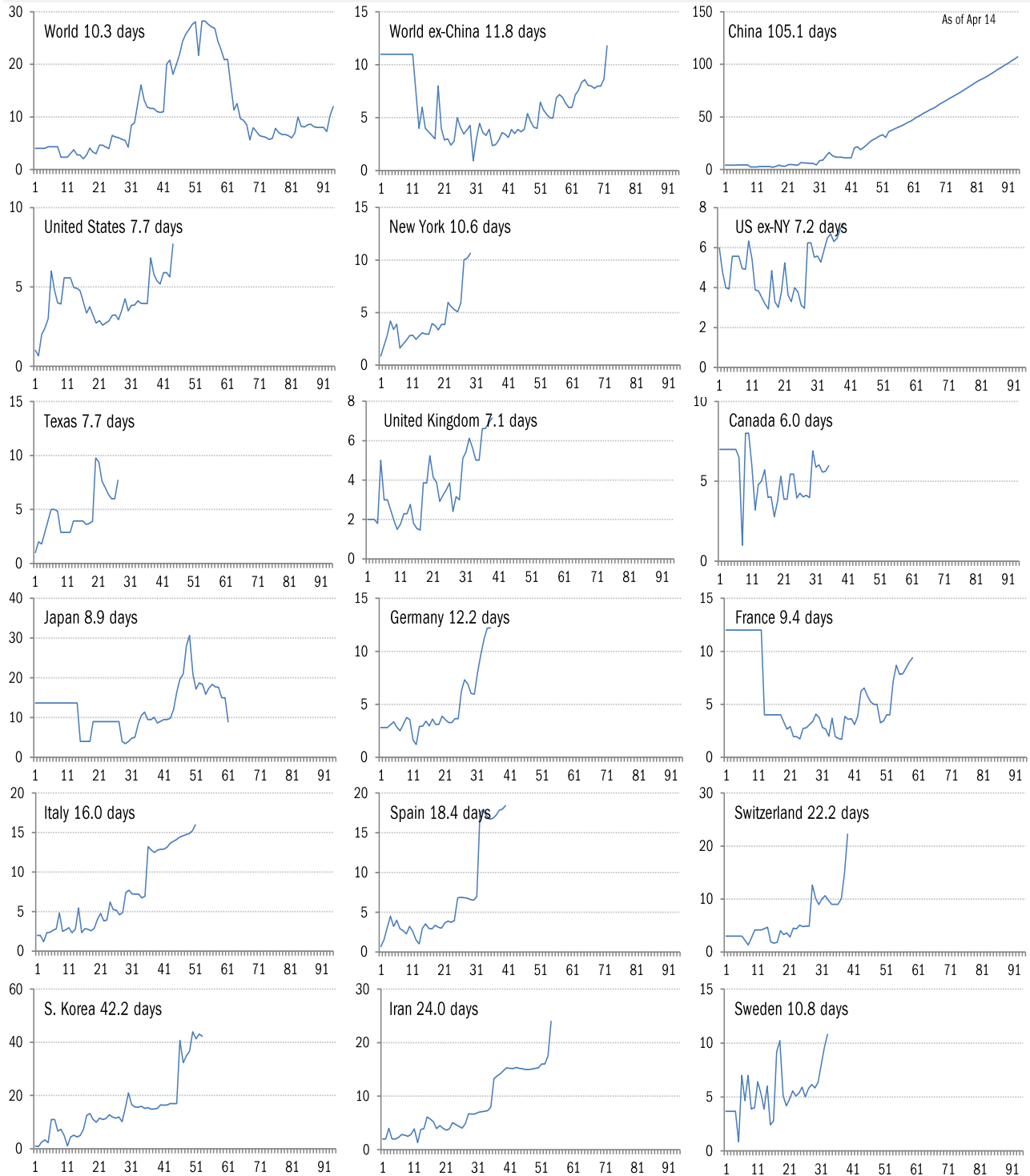
Source: [ECDC](#), TrendMacro calculations

# Our most reliable evidence of slowing the Moore's law of Covid-2019

*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.*



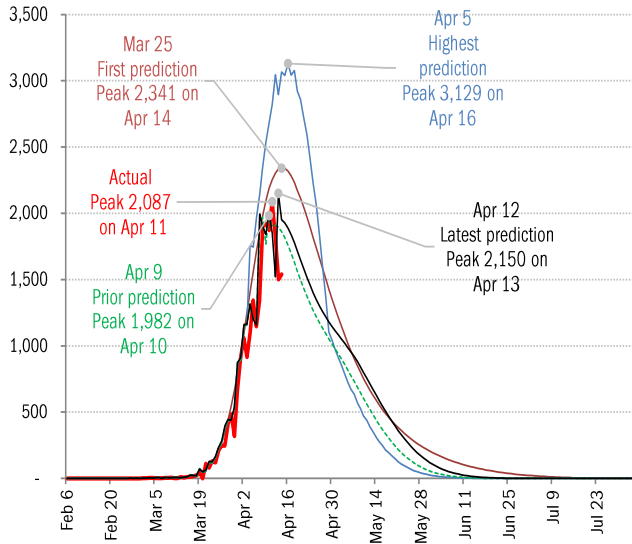
Source: [ECDC](#), TrendMacro calculations

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

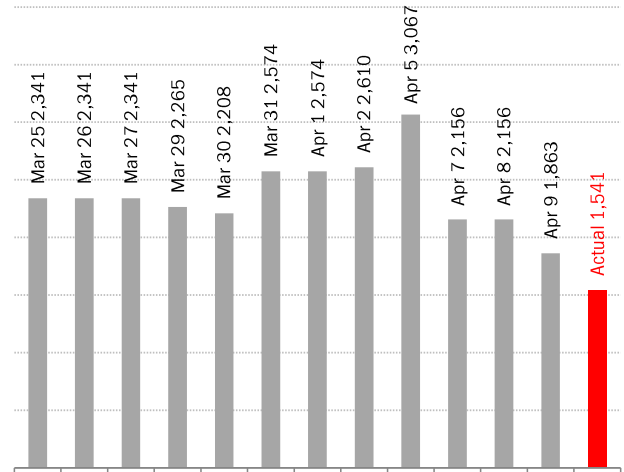
## New daily fatalities

As of Apr 14

Actual versus first, highest and latest model mean predictions

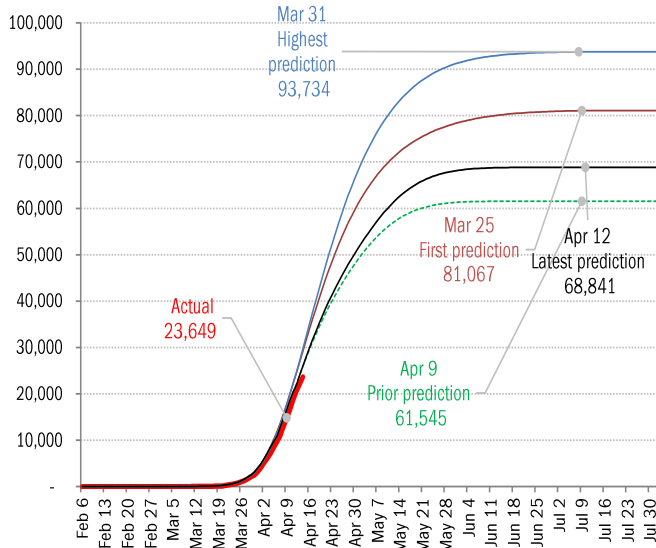


For this day, versus all model mean predictions

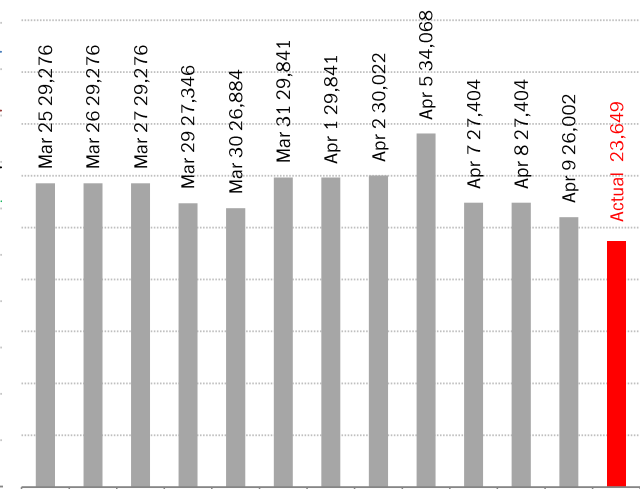


## Cumulative fatalities

Actual versus first, highest and latest model mean predictions

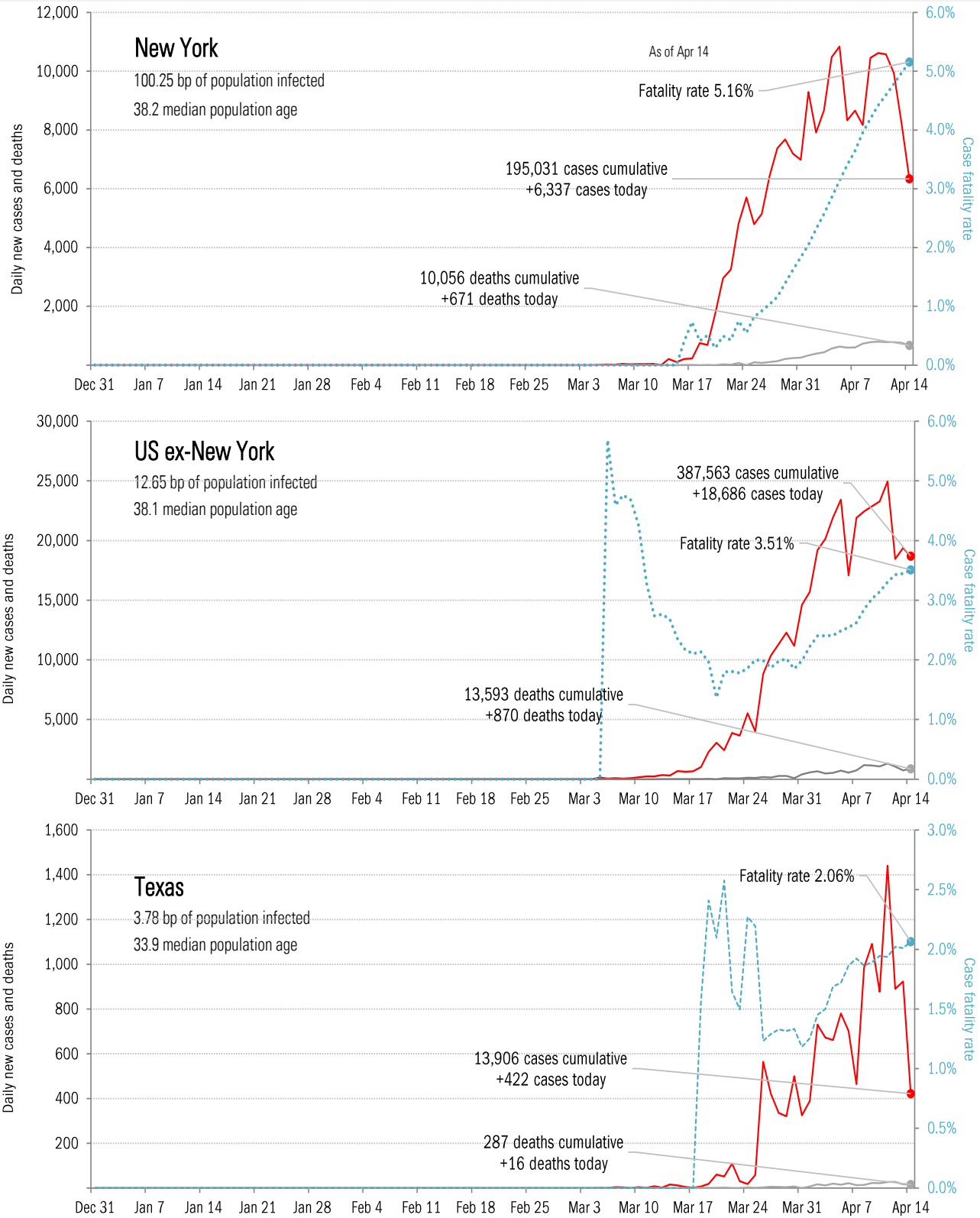


For this day, versus all model mean predictions



Source: [ECDC](#), TrendMacro calculations

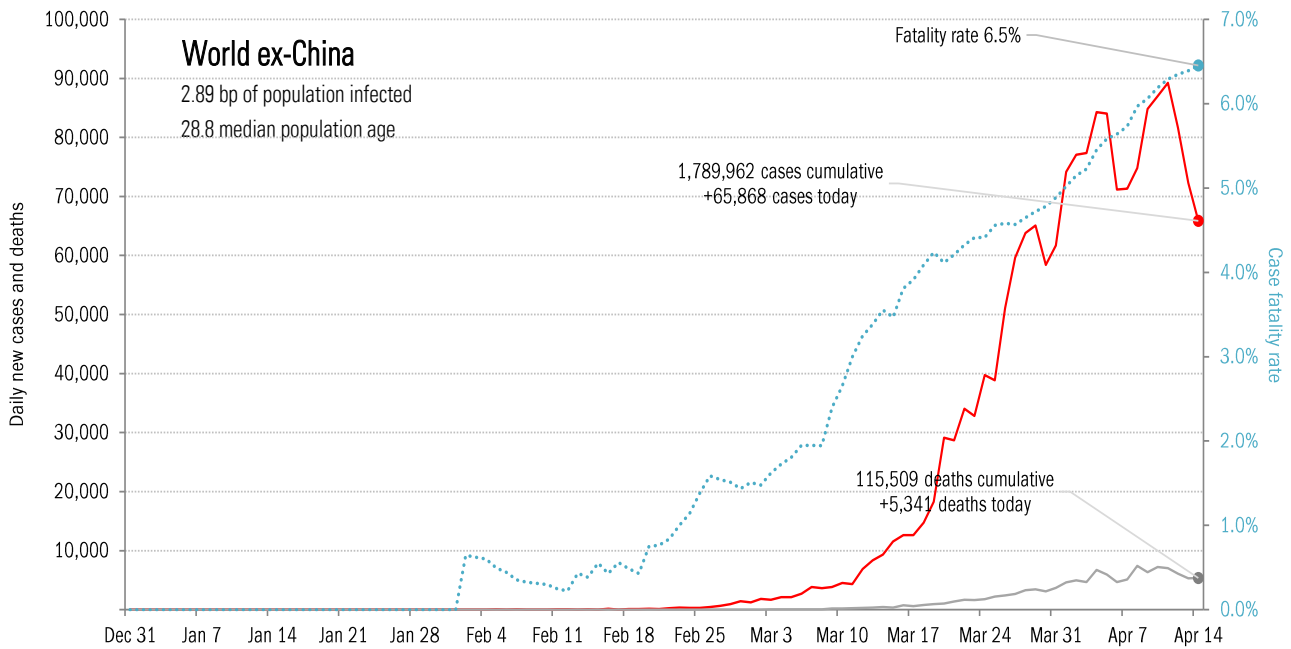
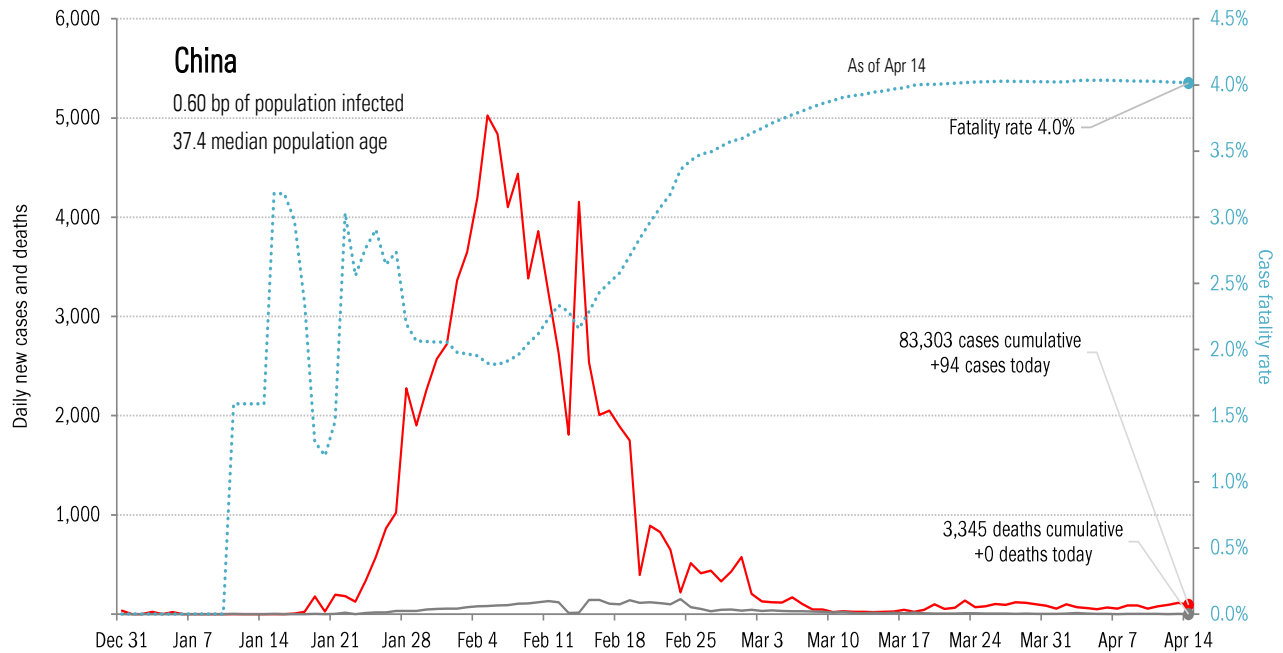
# From Ground Zero to the Rio Grande



Source: [ECDC](#), TrendMacro calculations

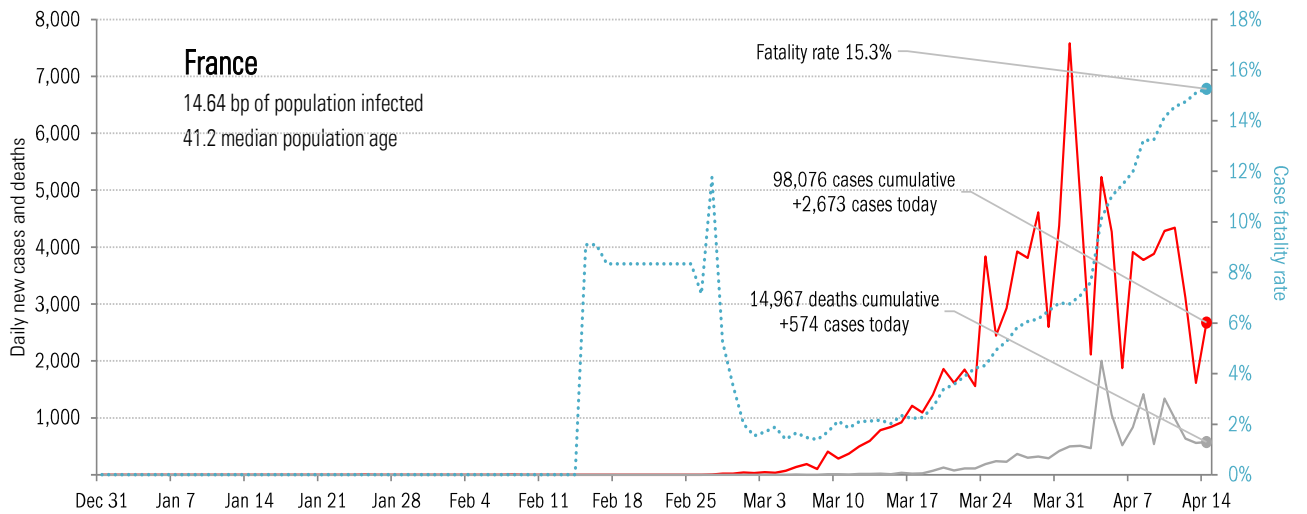
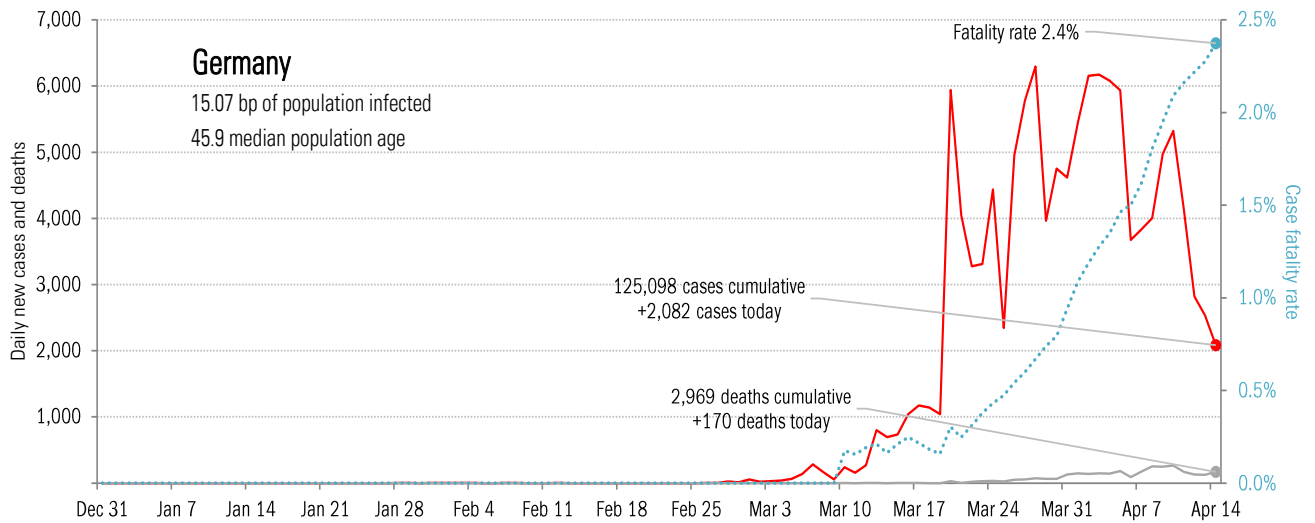
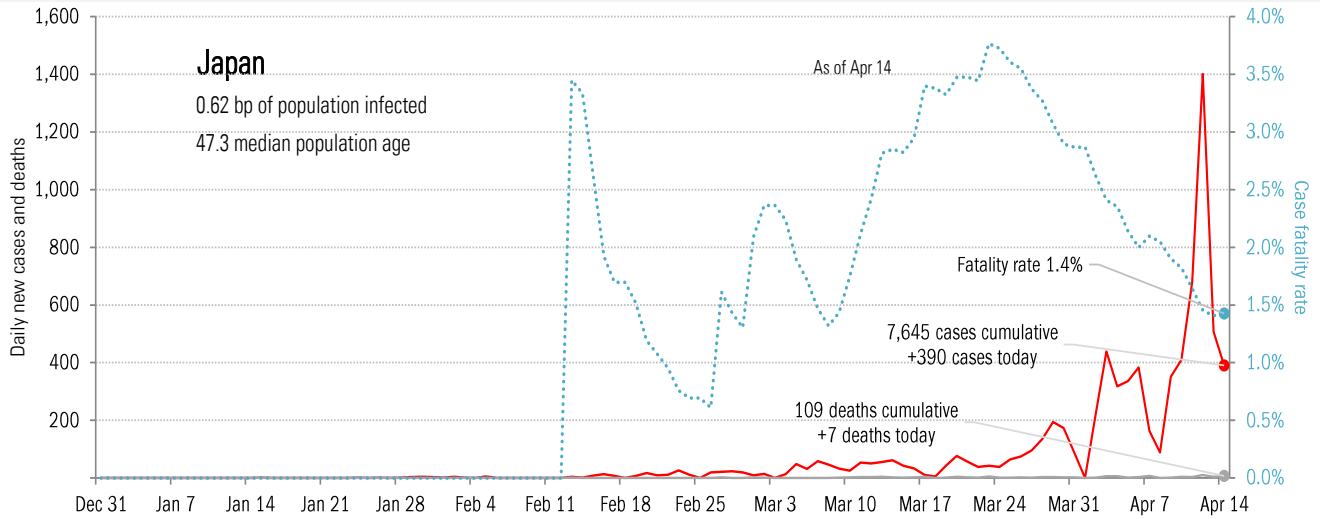


# Patient zero... and then everyone else



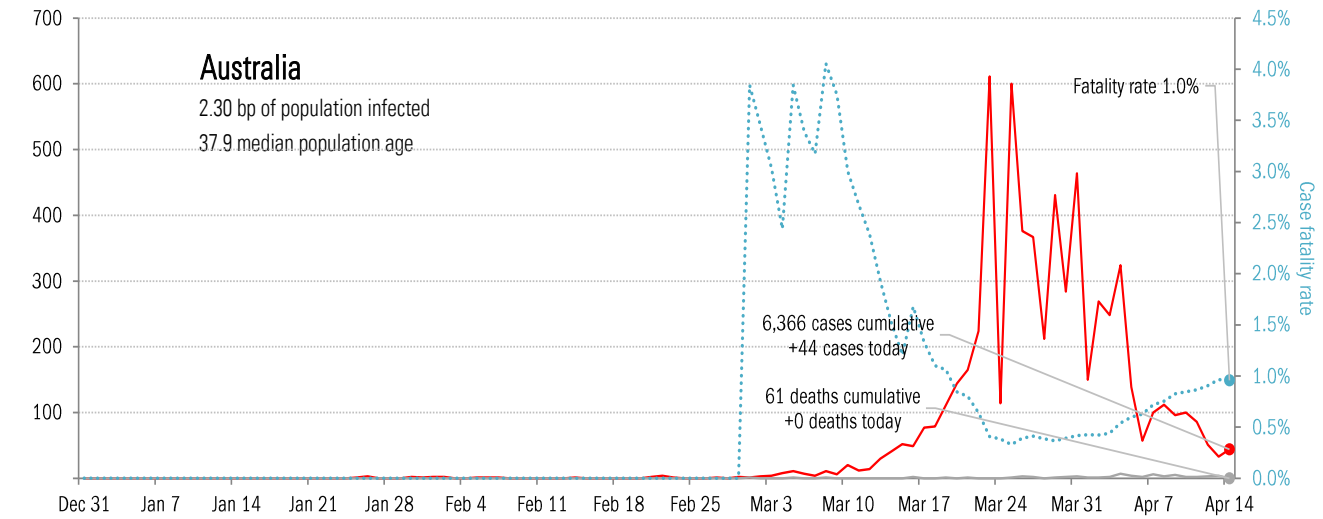
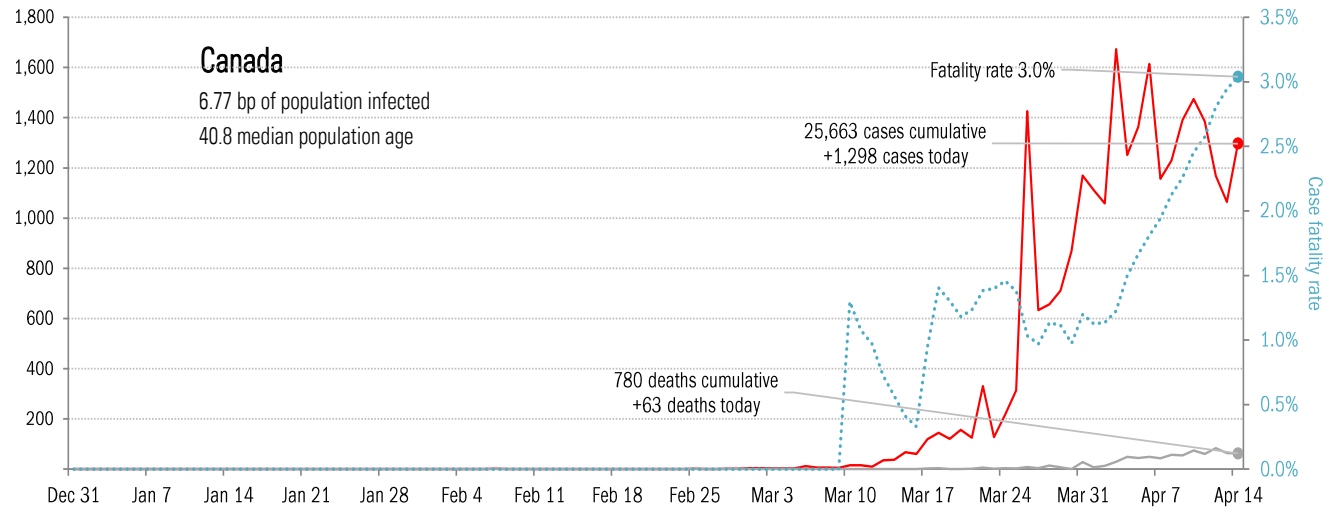
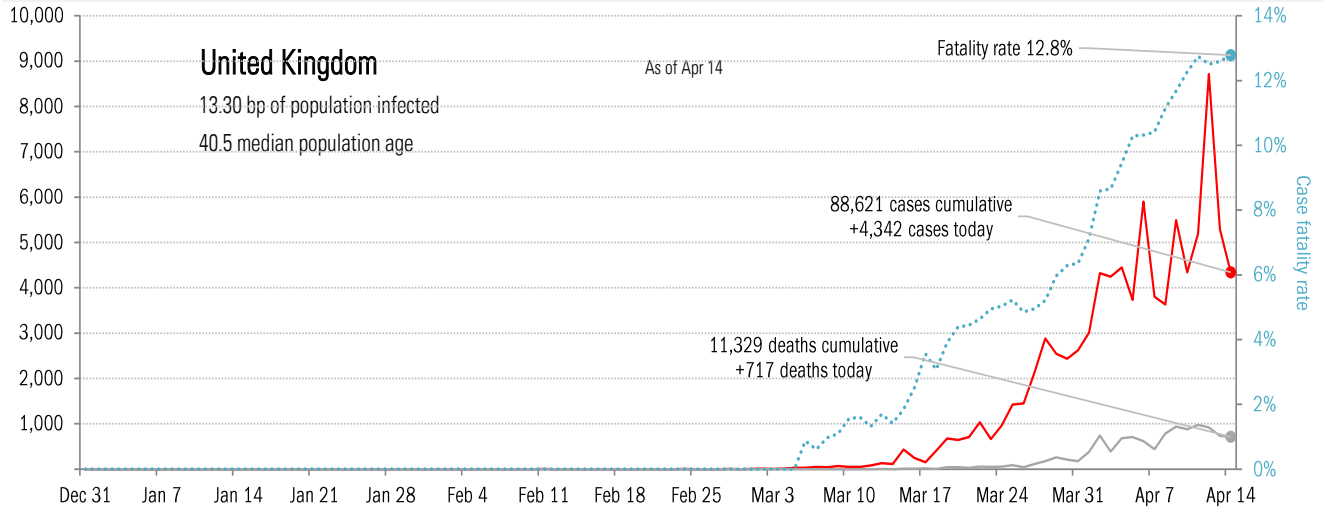
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



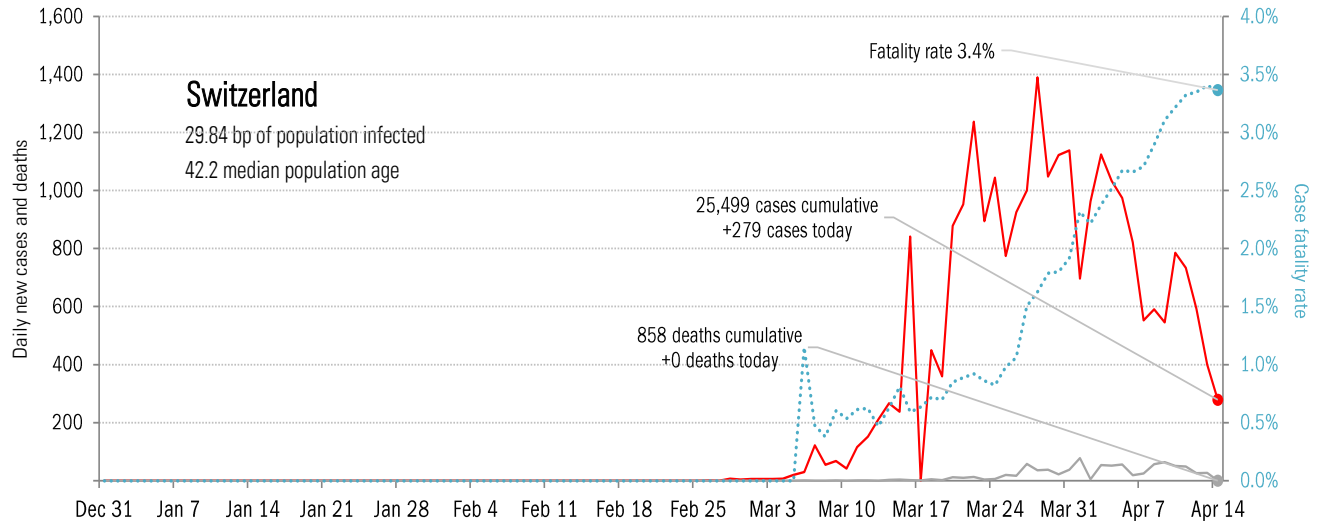
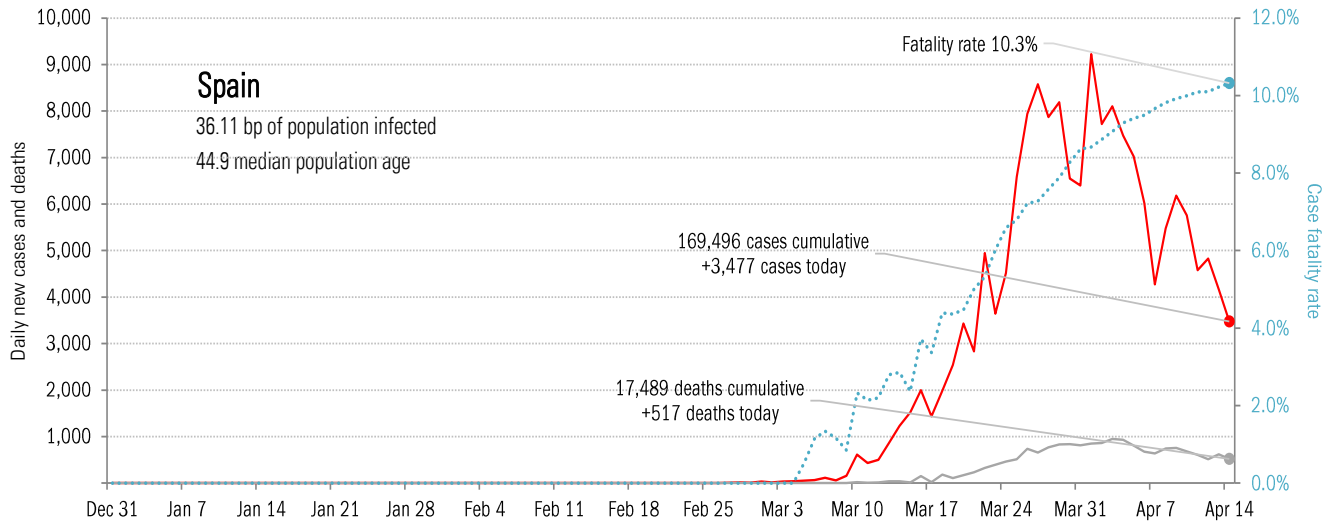
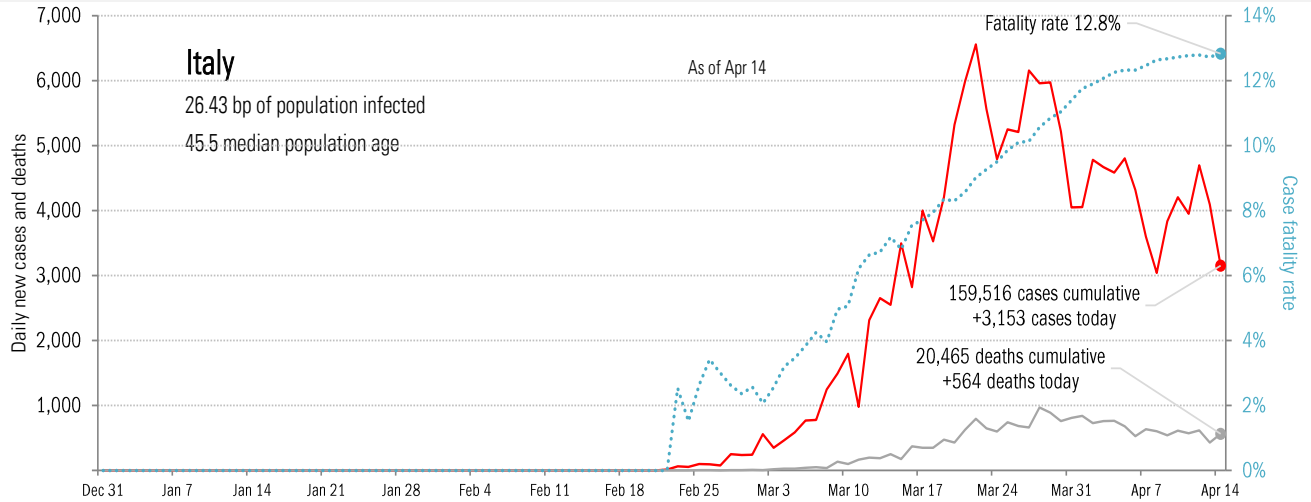
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



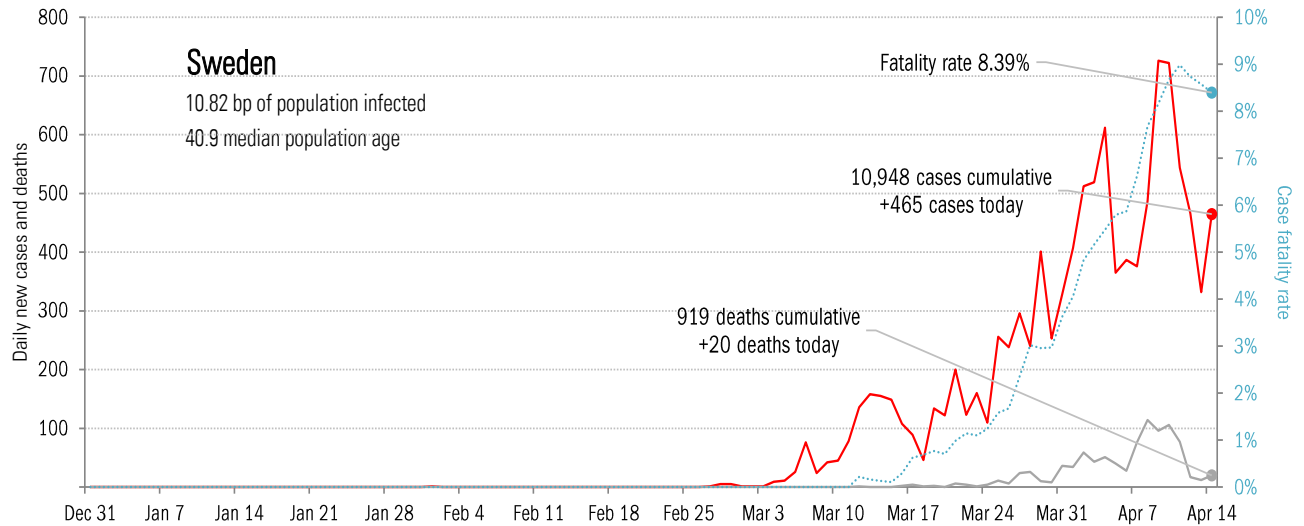
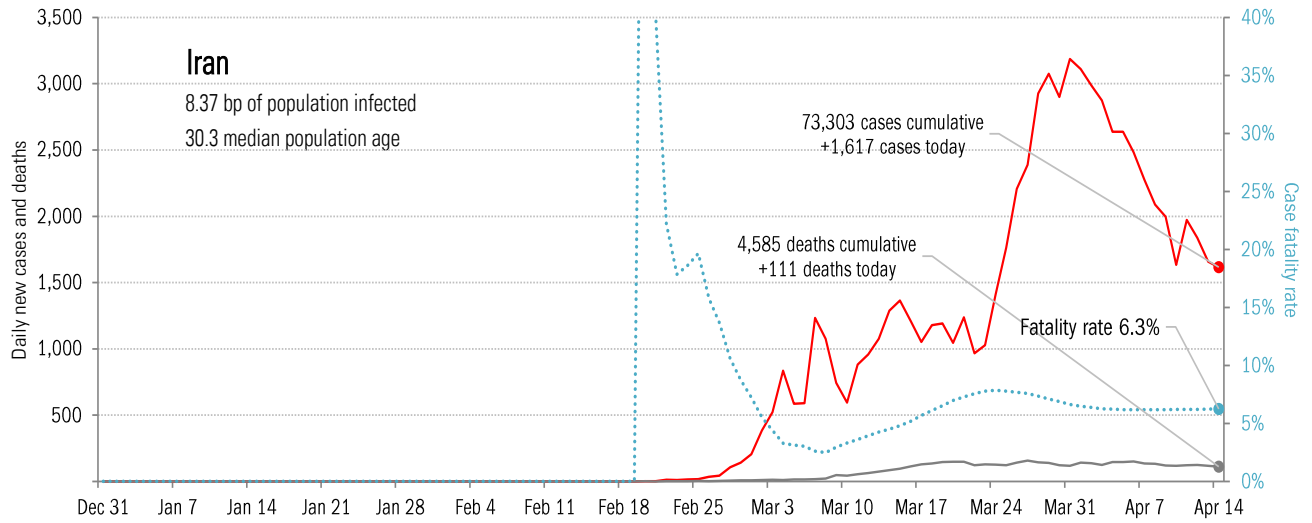
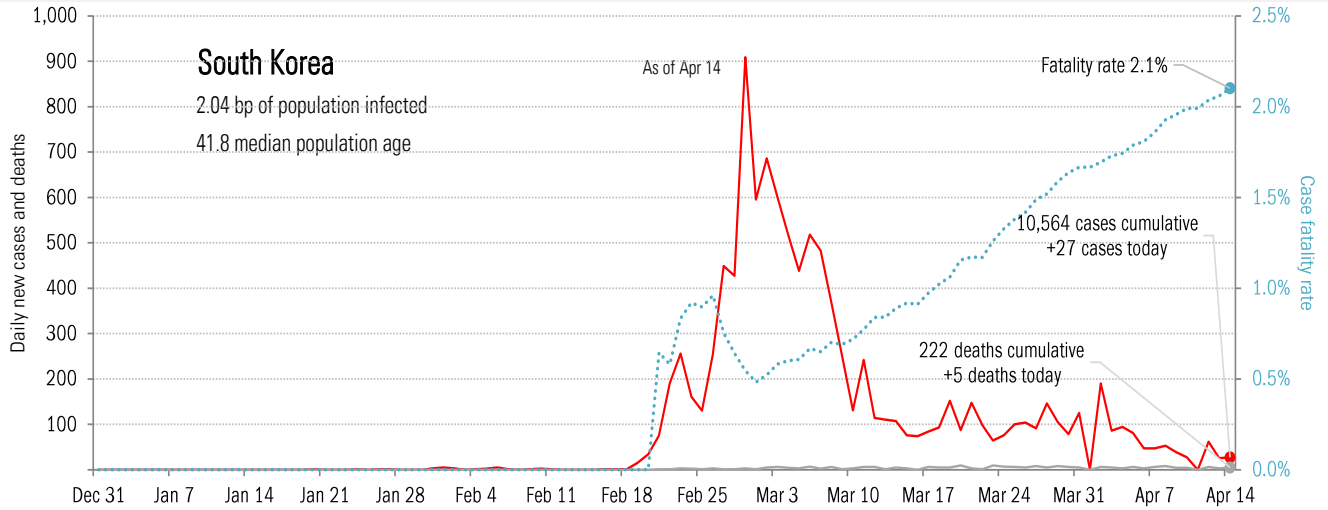
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations