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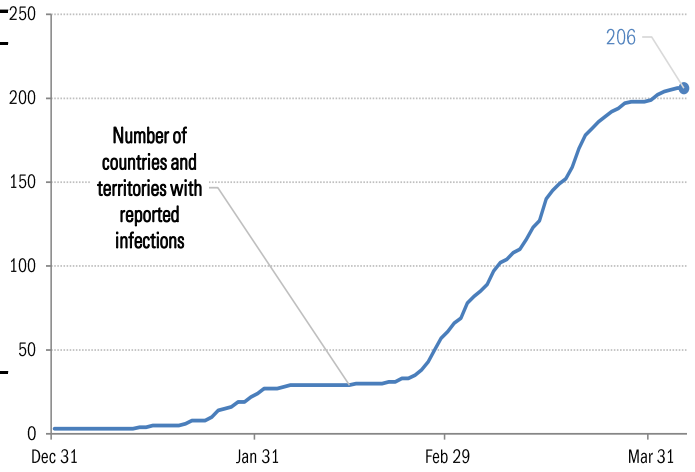
Data Insights: Covid-2019 Monitor

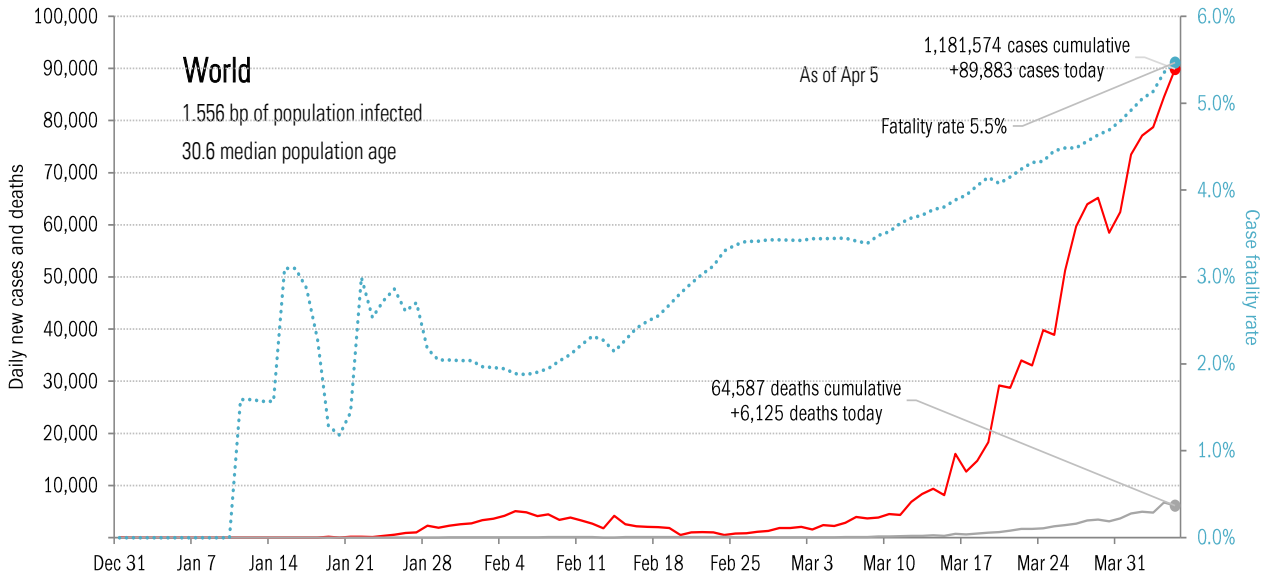
Sunday, April 5, 2020

The global scorecard

The top ten countries

New infections		New Deaths	
US	+34,272	US	+1,344
Germany	+12,018	France	+1,053
Spain	+7,026	Spain	+809
Italy	+4,805	UK	+708
France	+4,267	Italy	+681
UK	+3,735	Germany	+325
Turkey	+3,013	Netherlands	+164
Iran	+2,560	Iran	+158
Belgium	+1,661	Belgium	+140
Canada	+1,363	Turkey	+76
	+74,720		+5,458
World	+89,883	World	+6,125
Top ten	83%	Top ten	89%





Source: ECDC, TrendMacro calculations

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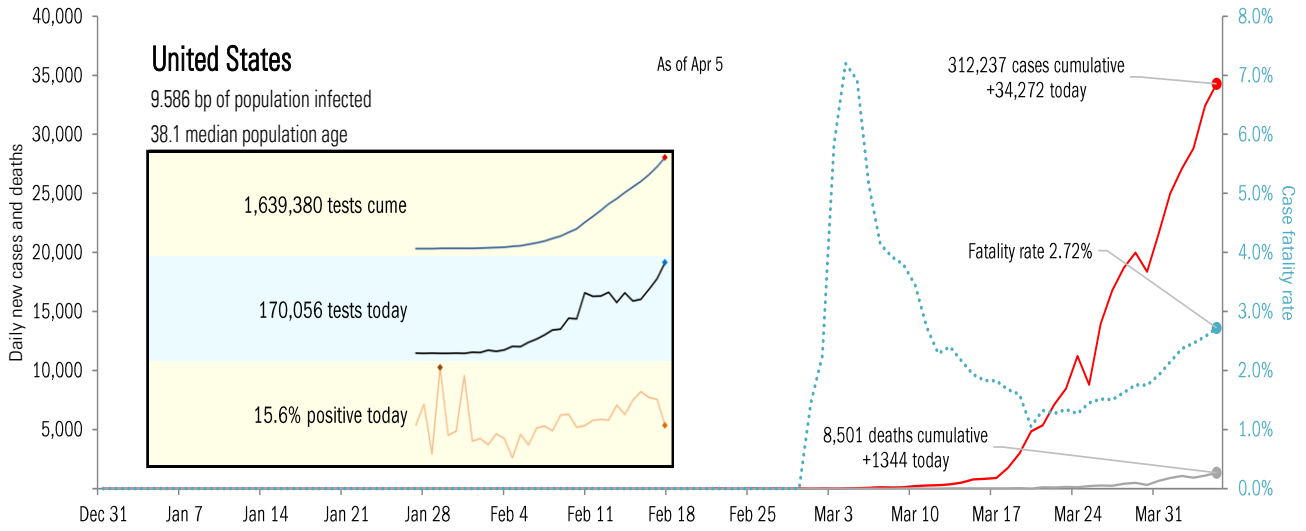
The US scorecard

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

The top ten US states

New infections		New Deaths		New in hospital		Cume infections		Cume deaths		Cume in hospital	
NY	+10,841	NY	+630	NY	+2,687	NY	113,704	NY	3,565	NY	26,383
NJ	+4,229	NJ	+200	AL	+212	NJ	34,124	NJ	846	FL	1,462
LA	+2,199	MI	+61	OR	+204	MI	14,225	MI	540	GA	1,239
PA	+1,597	CA	+39	FL	+175	LA	12,496	LA	409	MA	1,068
FL	+1,526	LA	+39	MD	+157	CA	12,026	WA	284	OH	1,006
MI	+1,481	CT	+34	PA	+152	MA	11,736	CA	276	PA	1,004
IL	+1,453	PA	+34	CO	+113	FL	11,111	IL	243	CO	823
MA	+1,334	IL	+33	OH	+111	IL	10,357	MA	216	MD	821
CA	+1,325	FL	+28	MA	+102	PA	10,017	GA	201	WI	588
TX	+780	MA	+24	WI	+101	WA	6,966	FL	191	MS	436
	+26,765		+1,122		+4,014		236,762		6,771		34,830
All states	+33,767	All states	+1,352	All states	+2,411	All states	305,755	All states	8,314	All sta	38,402
Top ten	79%	Top ten	83%	Top ten	166%	Top ten	77%	Top ten	81%	Top t	91%



Source: States and test data Covid Tracking Project, US data ECDC, TrendMacro calculations

Recommended reading

[The Grim Costs Of Total Lockdowns]
Richard A. Epstein
Defining Ideas
March 30, 2020

[Ten Weeks to Crush the Curve]
Harvey V. Fineberg
New England Journal of Medicine
April 1, 2020

[Experts and Trump's advisers doubt White House's 240,000 coronavirus deaths estimate]
William Wan, Josh Dawsey, Ashley Parker and Joel Achenbach
Washington Post
April 2, 2020

[How Jerome Powell's Unconventional Career Path Prepared Him for This Crisis]
Neil Irwin
New York Times
April 2, 2020

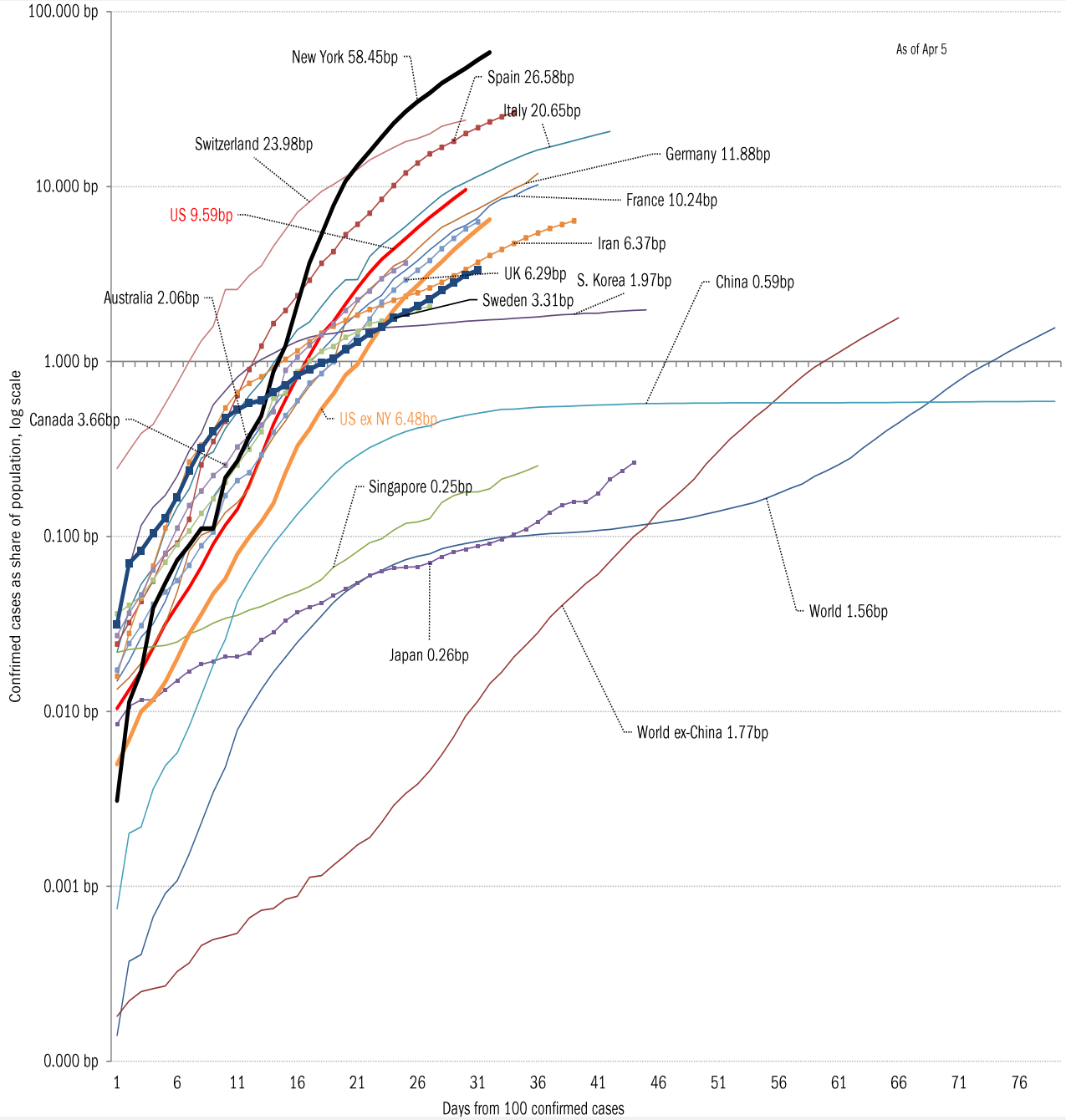
[National Coronavirus Response: A Road Map to Reopening]
Scott Gottlieb et al.
American Enterprise Institute
March 28, 2020

Cartoon 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

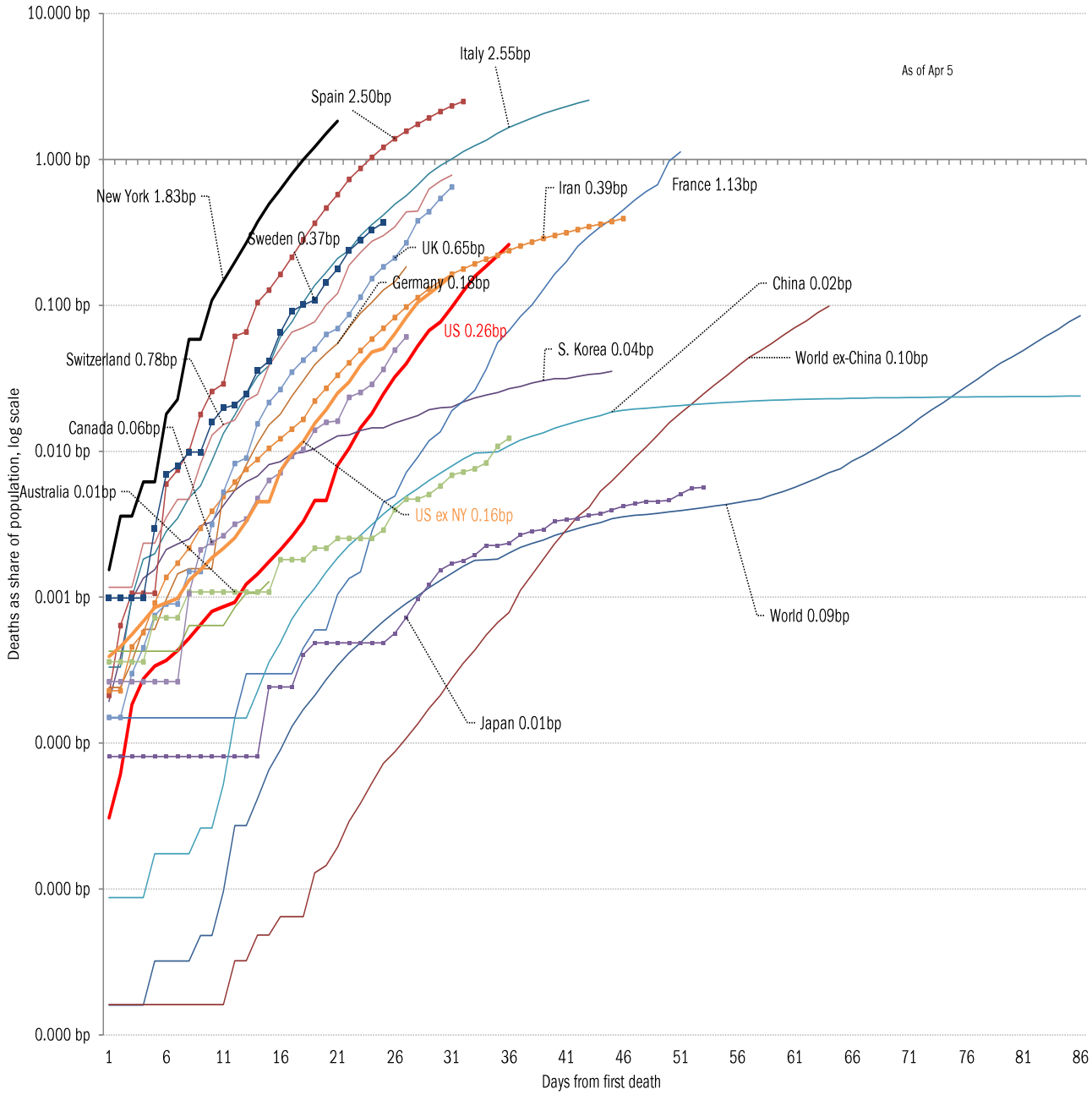
Share of infected population from first day with 100 confirmed cases, log scale



Source: ECDC, TrendMacro calculations

The coronavirus mortality accelerometer … tracking the world's fatality curves

Share of deceased population from day of first fatality



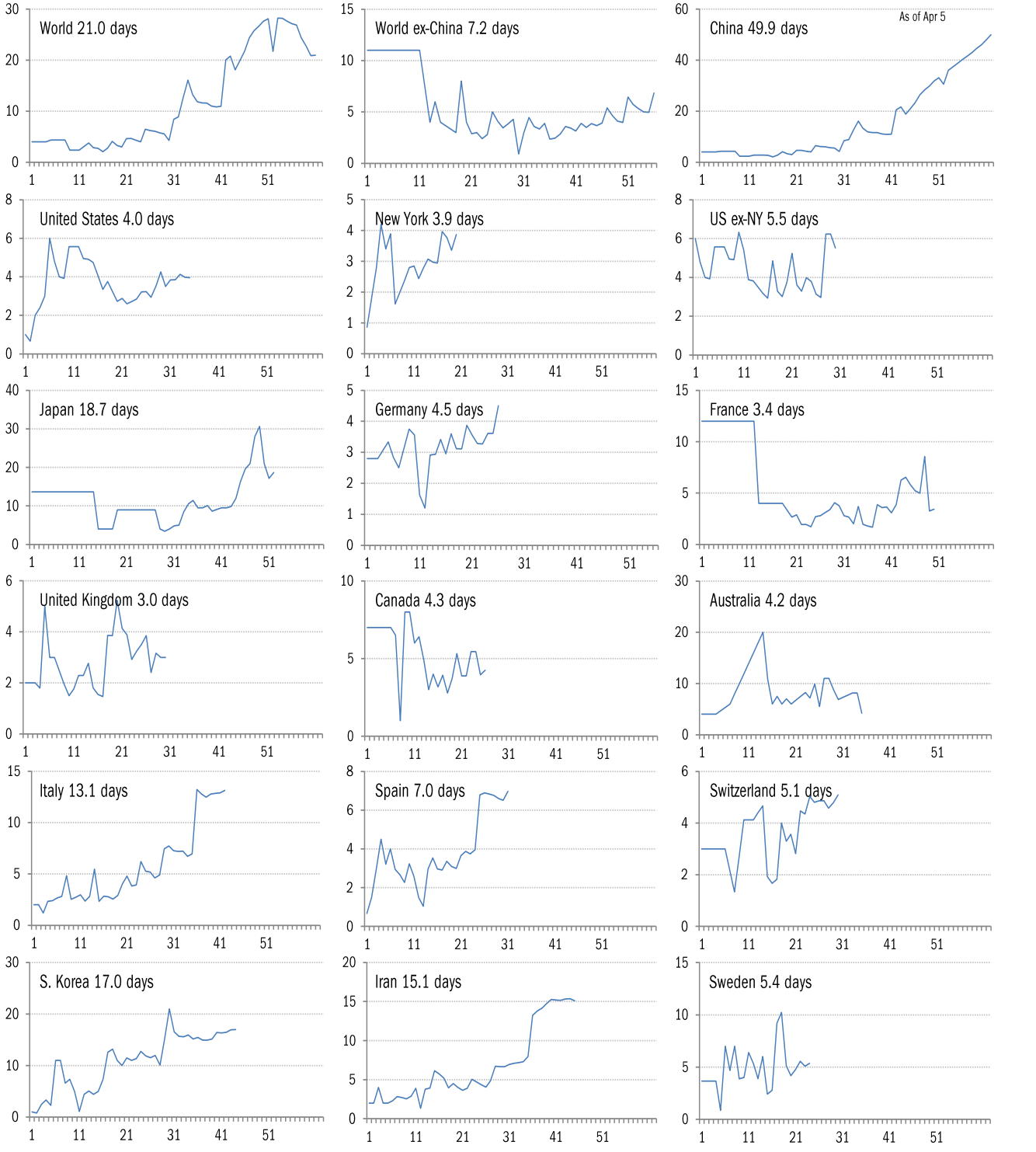
Source: ECDC, TrendMacro calculations

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

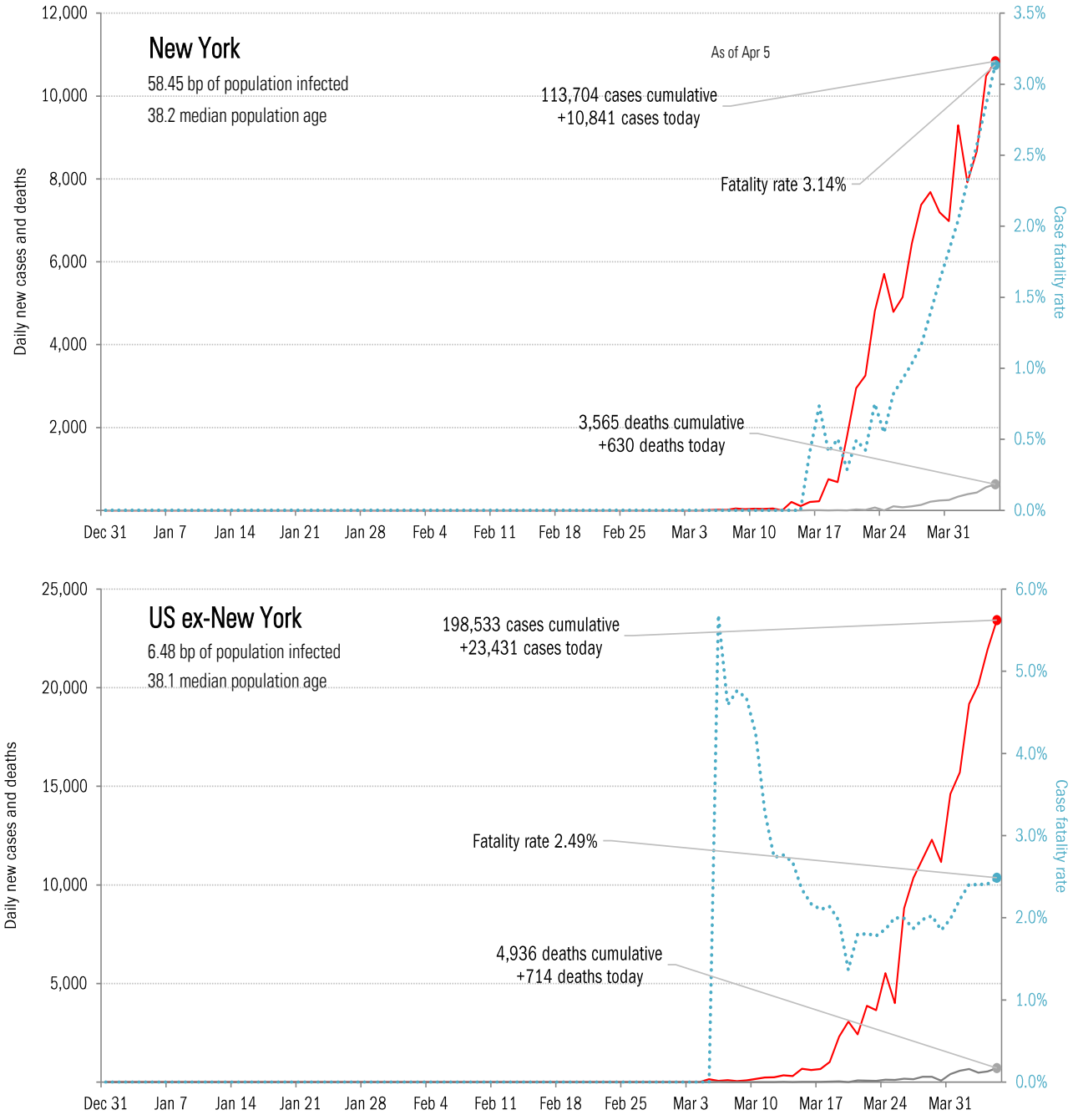
Progress means seeing the line move up and to the right…

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



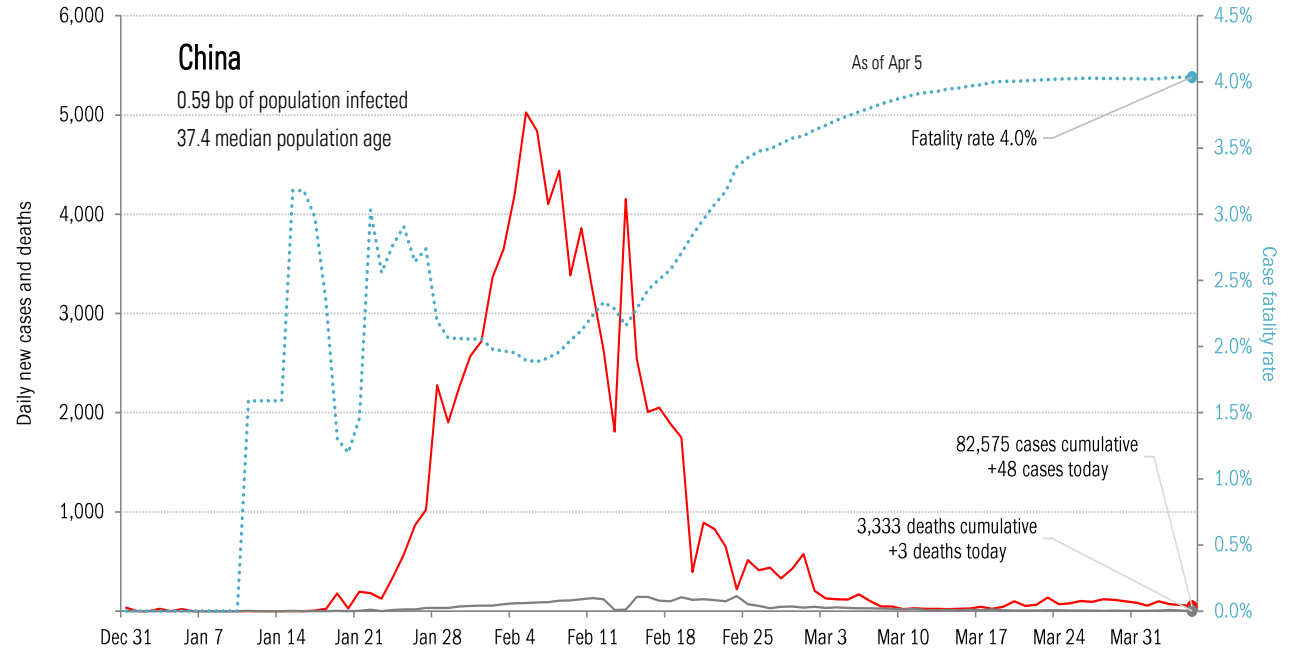
Source: ECDC, TrendMacro calculations

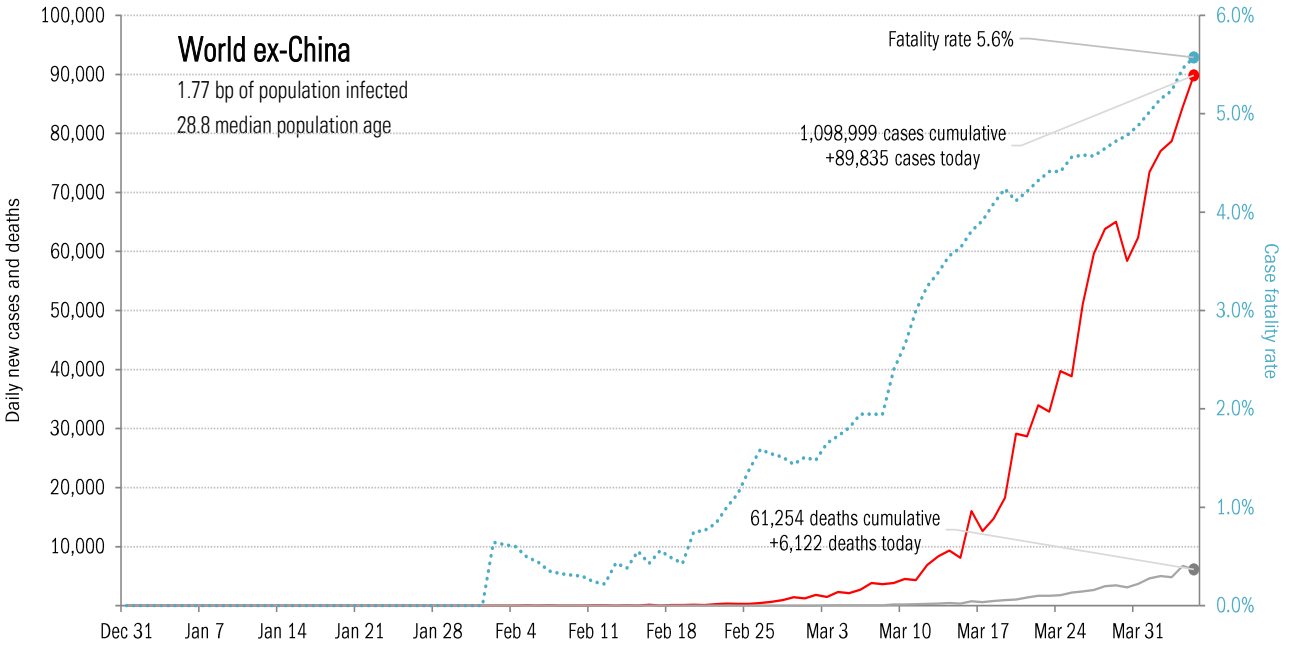
Once again, New York is ground zero



Source: ECDC, TrendMacro calculations

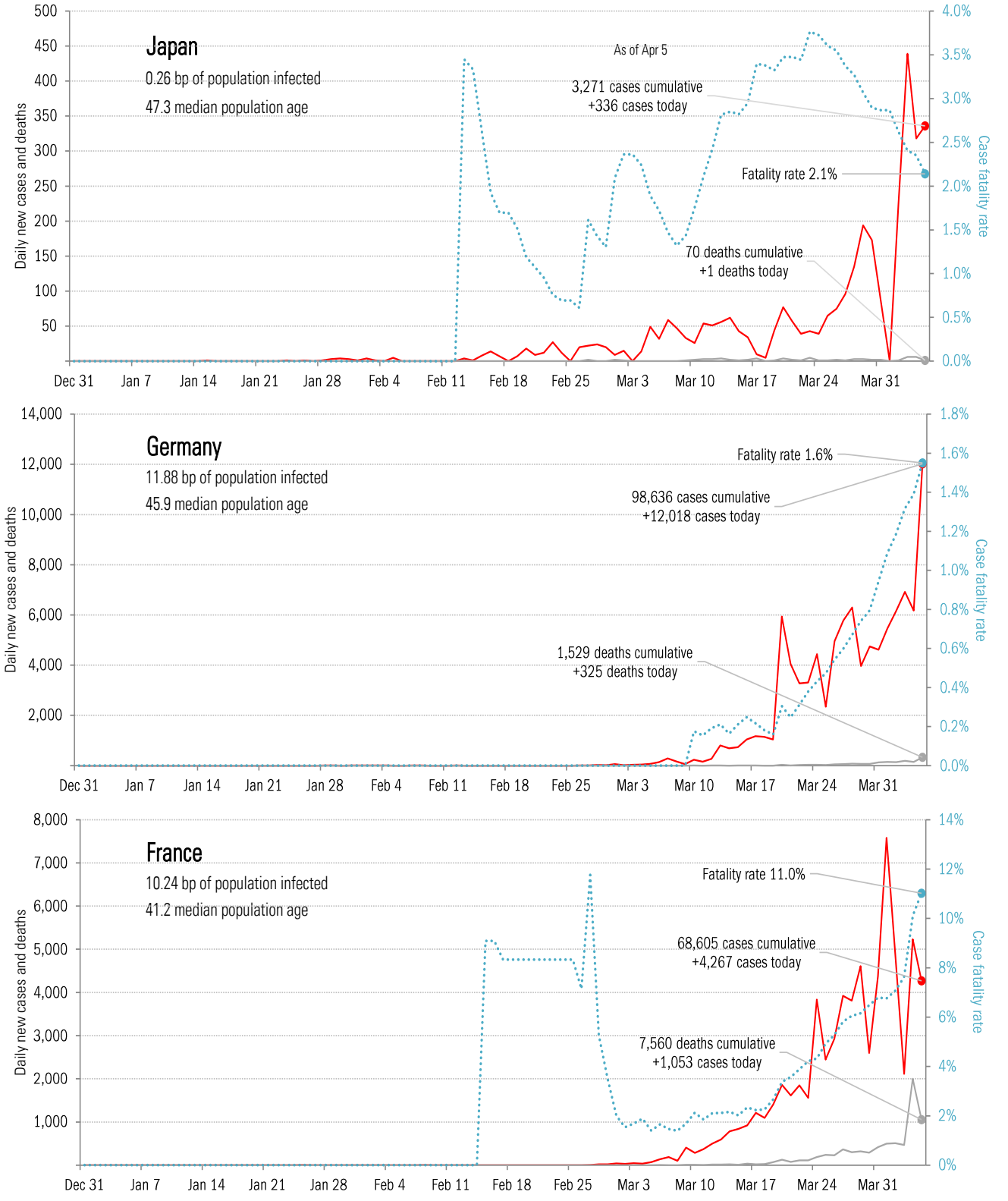
The Covid baby boom (China) versus the Covid millennials (everywhere else)





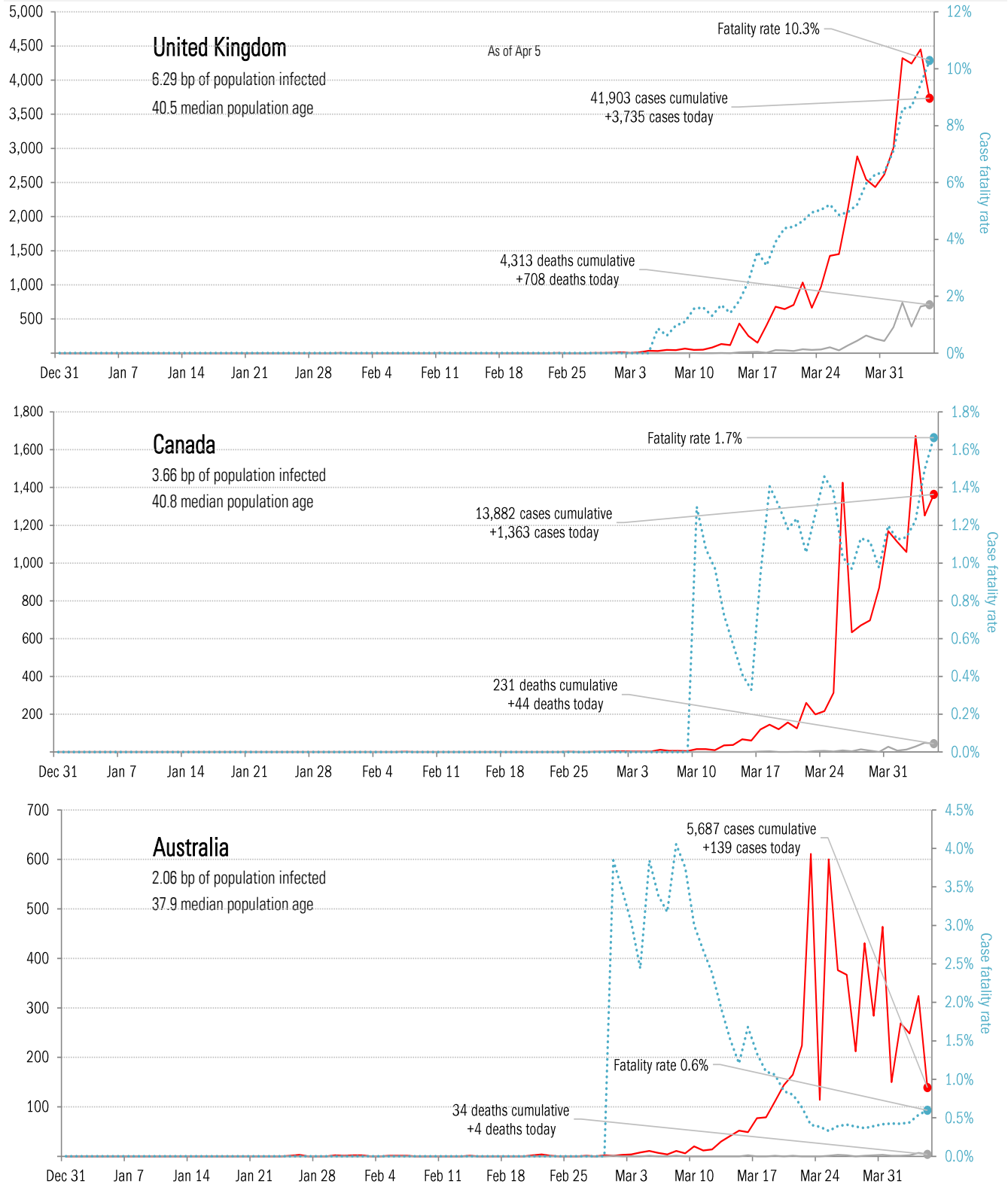
Source: ECDC, TrendMacro calculations

Impact in the largest economies



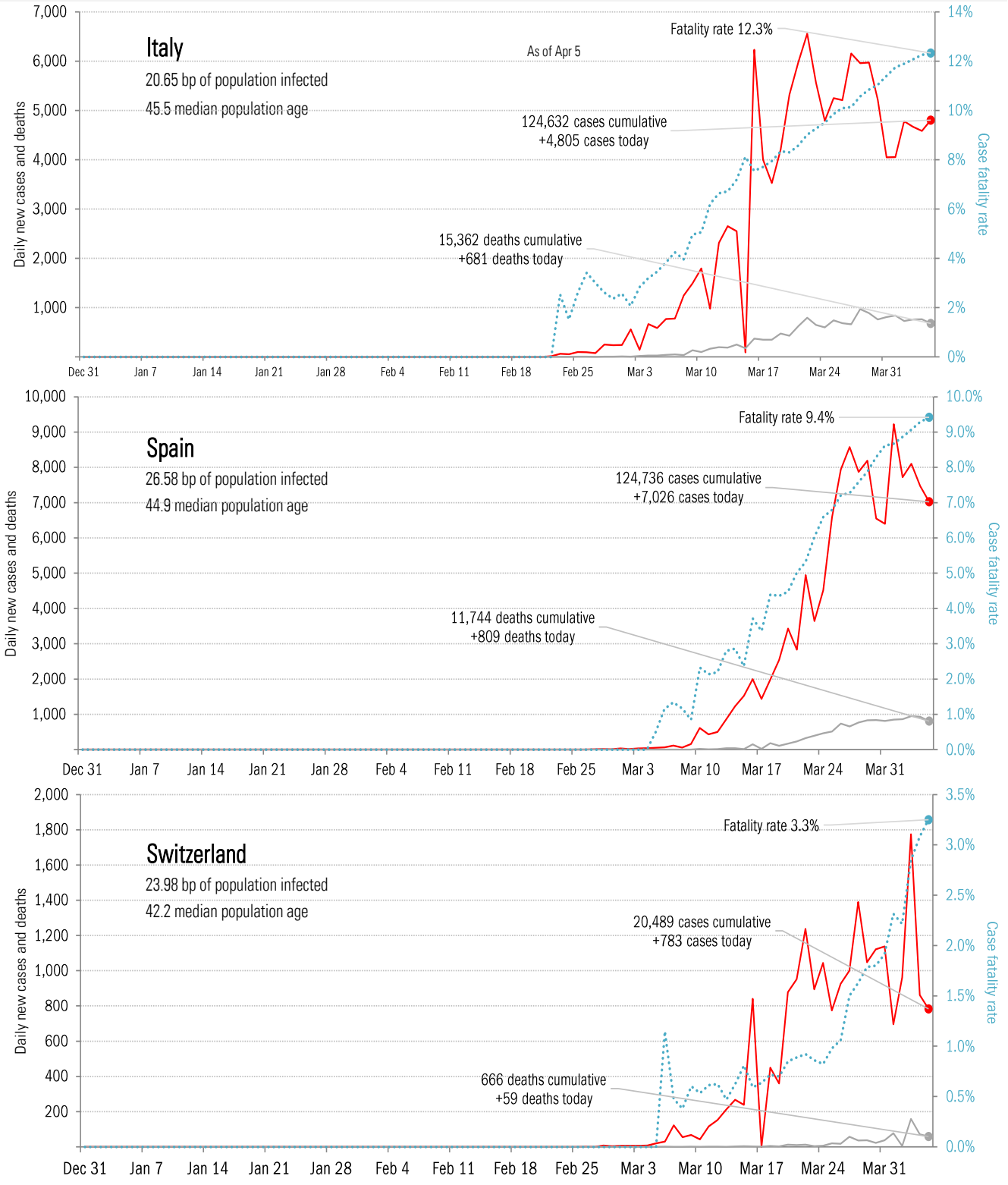
Source: ECDC, TrendMacro calculations

Impact in The Anglosphere



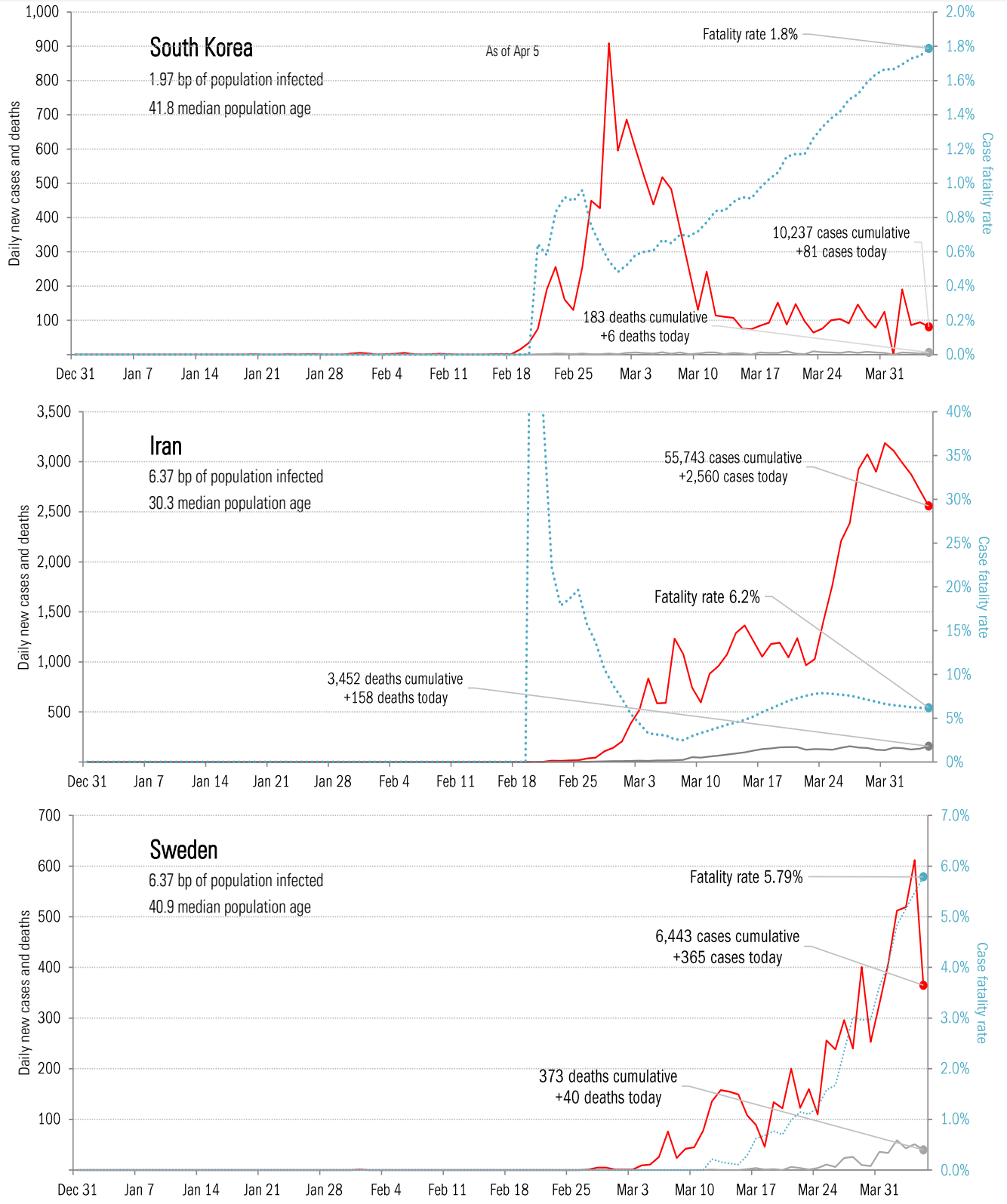
Source: ECDC, TrendMacro calculations

Impact in continental Europe



Source: ECDC, TrendMacro calculations

Impact in other hot-spots



Source: ECDC, TrendMacro calculations