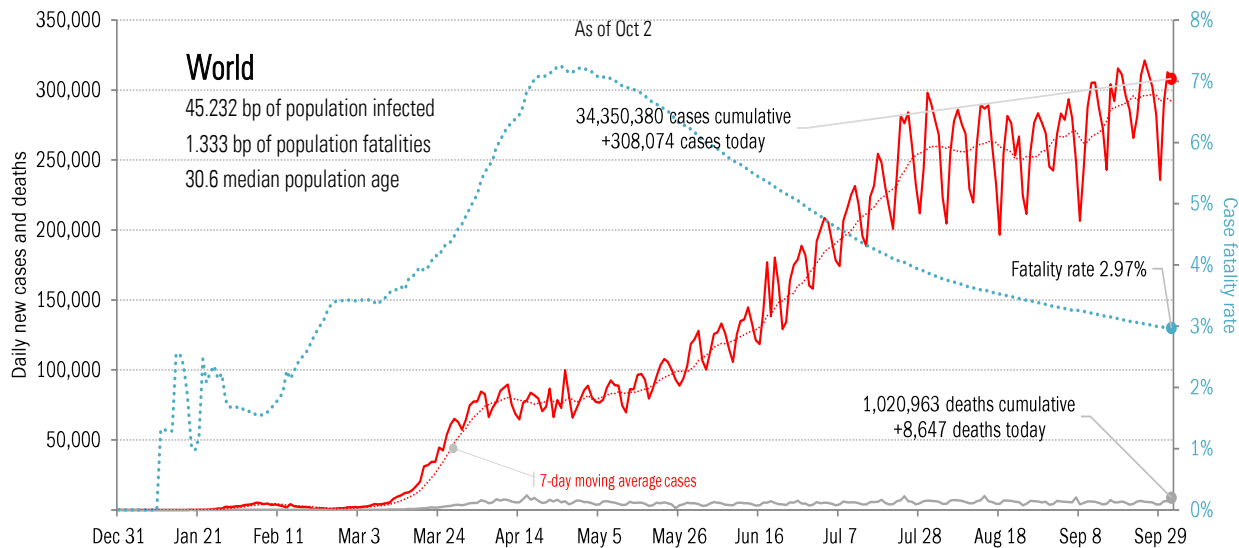
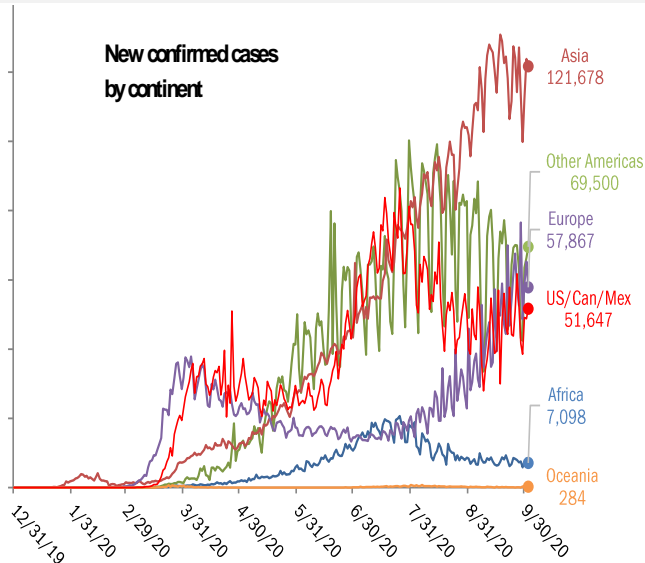


Data Insights: Covid-2019 Monitor

Friday, October 2, 2020

The global scorecard

The worst ten countries			
New cases		New Deaths	
India	+81,484	Argentina	+3,351
US	+45,694	India	+1,095
Brazil	+36,157	US	+880
Argentina	+14,001	Brazil	+728
France	+13,970	Mexico	+432
Spain	+9,906	Iran	+211
Russia	+8,945	Colombia	+198
Israel	+7,638	Russia	+169
UK	+6,914	South_Africa	+132
Colombia	+5,660	Indonesia	+116
+230,369		+7,312	
World	+308,074	World	+8,647
Top ten	75%	Top ten	85%



Source: [ECDC](#), TrendMacro calculations

For more information contact us:

Donald Luskin: 312 273 6766 don@trendmacro.com
 Thomas Demas: 704 552 3625 tdemas@trendmacro.com

The US scorecard

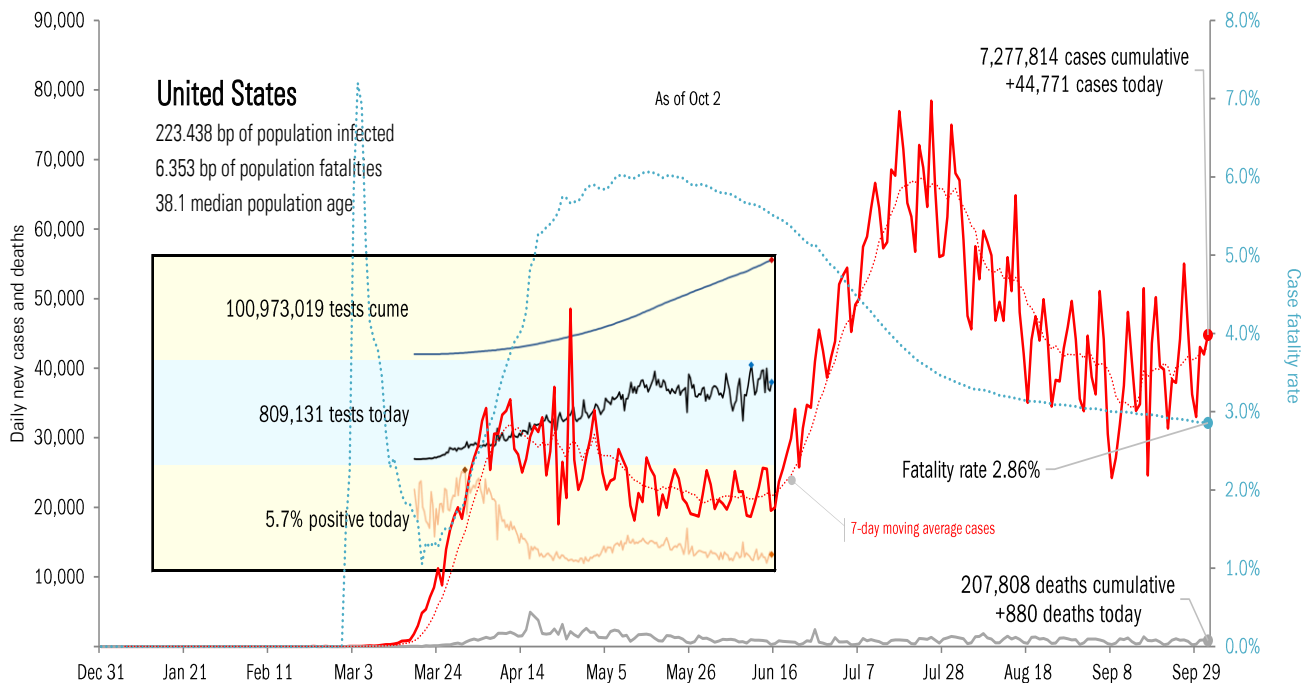
National and state-by-state data do not line up because of different sources

The ten worst US states

New cases		New Deaths		New in hospital		Curre cases		Curre deaths		Curre in hospital	
TX	+3,534	FL	+131	FL	+213	CA	813,687	NY	25,490	NY	89,995
CA	+3,062	TX	+112	GA	+146	TX	752,501	NJ	16,127	FL	44,821
WI	+3,000	CA	+96	CT	+139	FL	709,144	CA	15,888	GA	28,668
FL	+2,628	NC	+47	MS	+131	NY	460,031	TX	15,823	NJ	23,477
NC	+2,277	TN	+47	WI	+109	GA	319,334	FL	14,619	AZ	22,226
IL	+2,166	GA	+42	AZ	+107	IL	297,929	MA	9,480	VA	18,626
MO	+1,799	AZ	+24	IN	+97	AZ	219,212	IL	8,940	AL	17,257
NY	+1,382	IL	+24	AR	+91	NC	212,909	PA	8,160	CH	15,606
CH	+1,327	MA	+24	CH	+90	NJ	205,889	MI	7,102	MD	15,542
GA	+1,308	SC	+22	VA	+85	TN	197,432	GA	7,063	IN	12,911
+22,483		+569		+1,208		4,188,068		128,692		289,129	
All states	+45,694	All states	+847	All states	+1,760	All states	7,244,316	All states	199,776	All states	410,409
Top ten	49%	Top ten	67%	Top ten	69%	Top ten	58%	Top ten	64%	Top ten	70%

Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
TX	-2,149	CA	-56	AL	-75	TX	+3,632
KS	-1,120	FL	-44	KS	-65	SC	+2,808
GA	-412	KS	-41	MD	-58	WI	+1,744
VA	-305	MO	-22	SC	-55	TN	+1,459
TN	-235	WA	-22	FL	-40	OK	+1,383



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

Recommended reading

[Trump Tests Positive for the Coronavirus](#)

Peter Baker and Maggie Haberman

New York Times

October 2, 2020

[Paul Offit's Biggest Concern About COVID Vaccines](#)

Eric J. Topol and Paul A. Offit

Medscape

September 9, 2020

[Six Hoaxes Trump Failed to Debunk in the First Debate](#)

Joel Pollak

Breitbart

September 30, 2020

[Van Morrison Releases First Anti-Lockdown Song 'Born to Be Free'](#)

Daniel Kohn

Spin

September 25, 2020

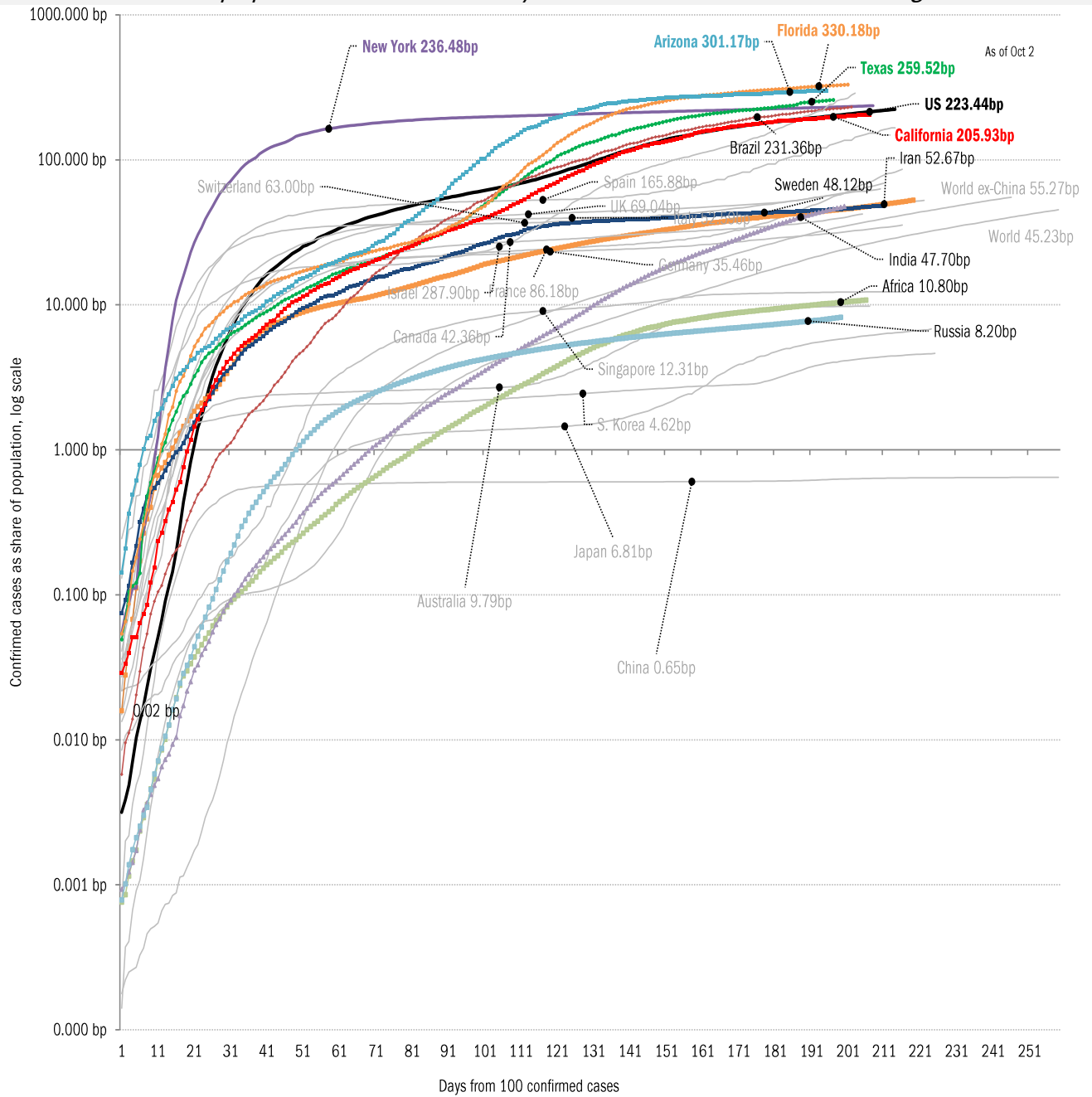
Meme of day

Just ordered my new mask!



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

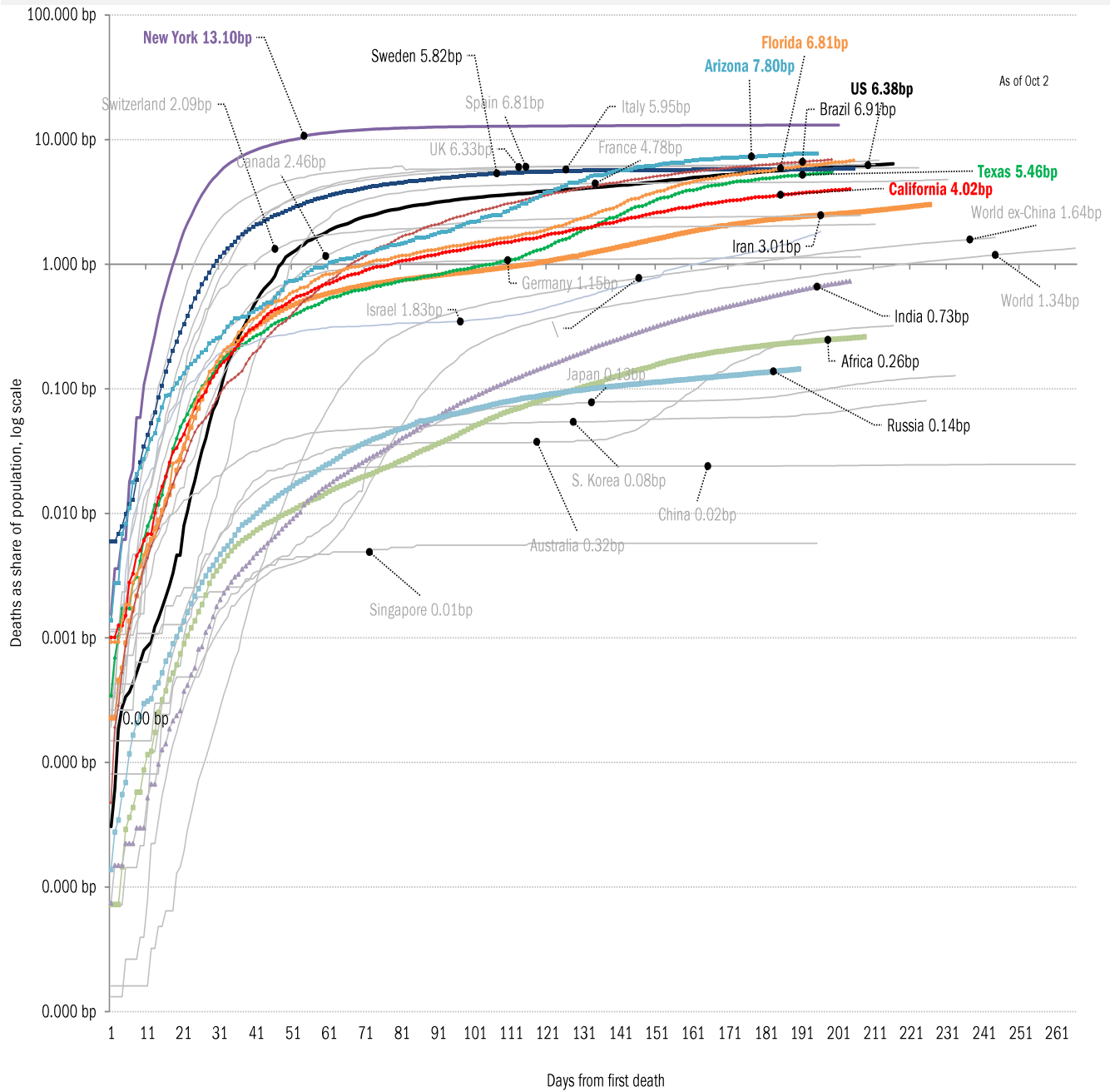
The coronavirus case accelerometer... tracking the world's infection curves
Share of infected population from first day with 100 confirmed cases, log scale



Source: [ECDC](#), TrendMacro calculations

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

Share of deceased population from day of first fatality

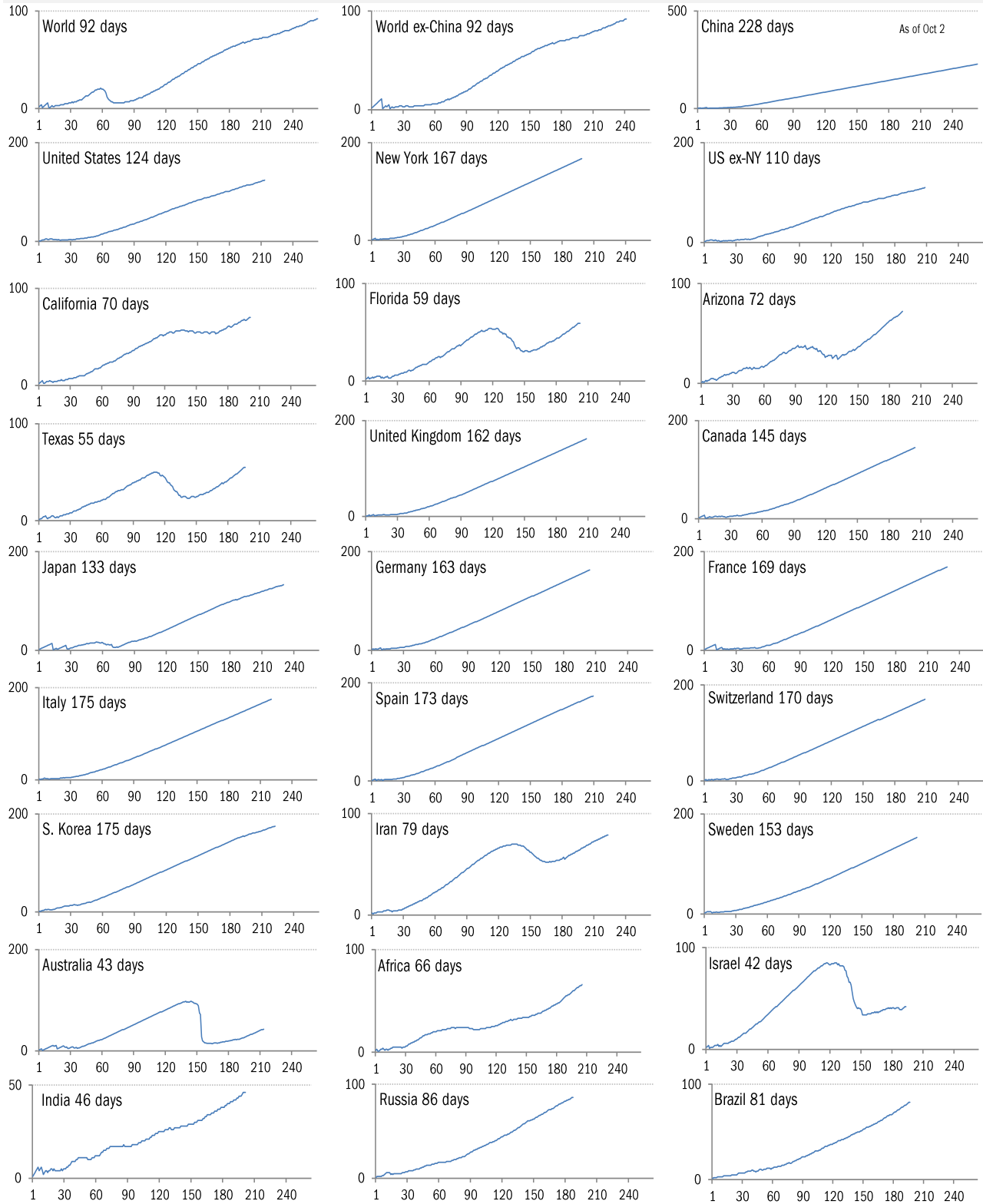


Source: [ECDC](#), TrendMacro calculations

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

Vertical: days to double deaths Horizontal: days from first death

Flat indicates exponential spread Declining indicates supra-exponential spread Rising indicates sub-exponential spread



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
 ■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst

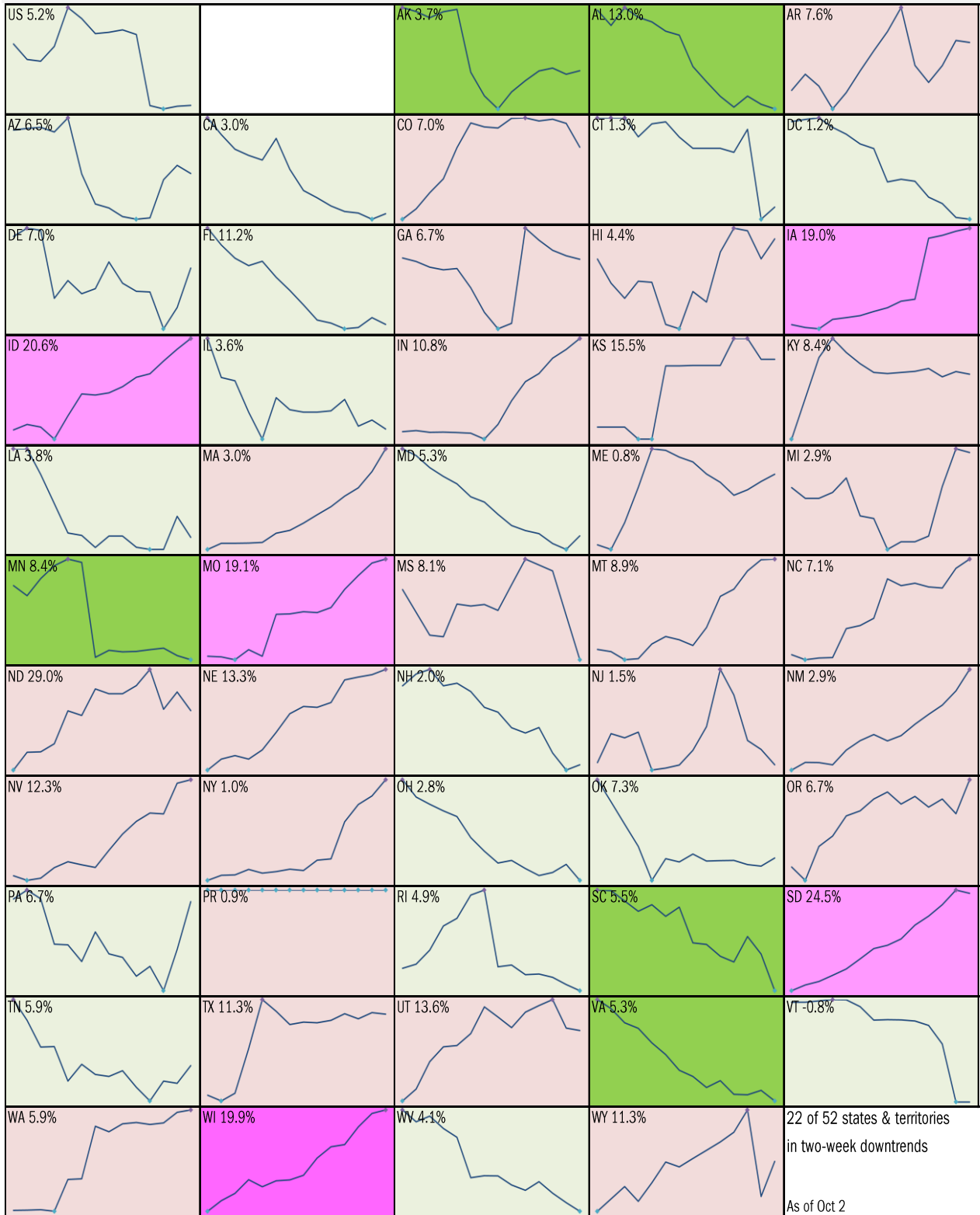


Source: [Covid Tracking Project](#), TrendMacro calculations

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

■ Downward trajectory ■ Five best ■ Upward trajectory ■ Five worst



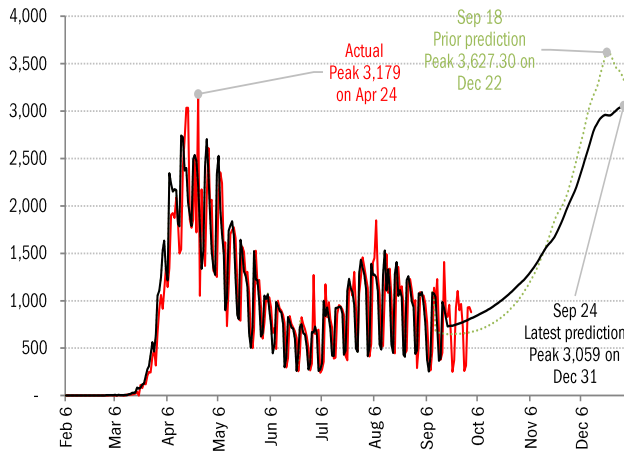
Source: [Covid Tracking Project](#), TrendMacro calculations

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

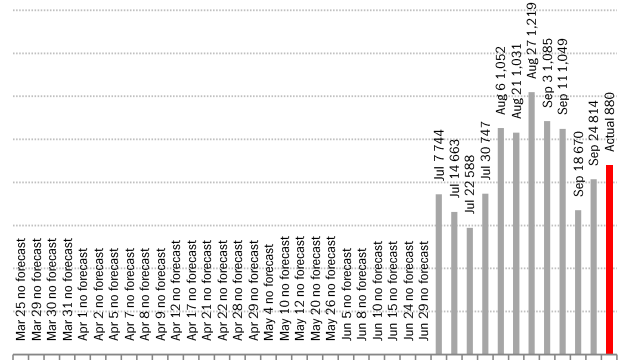
New daily fatalities

As of Oct 2

Actual versus first, highest, lowest and latest model mean predictions

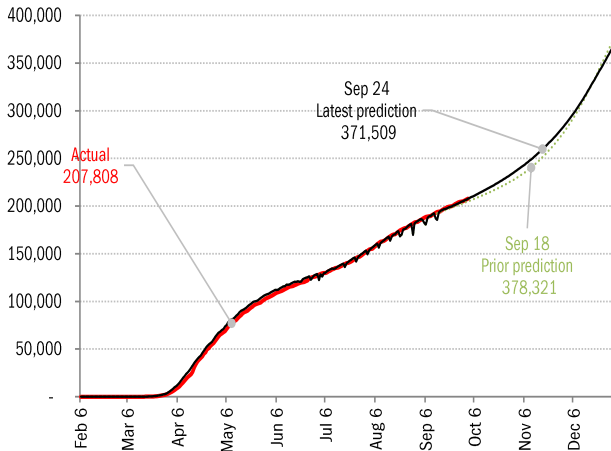


For this day, versus all model mean predictions

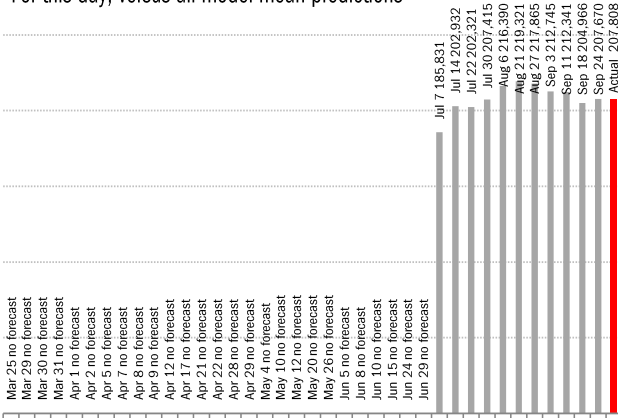


Cumulative fatalities

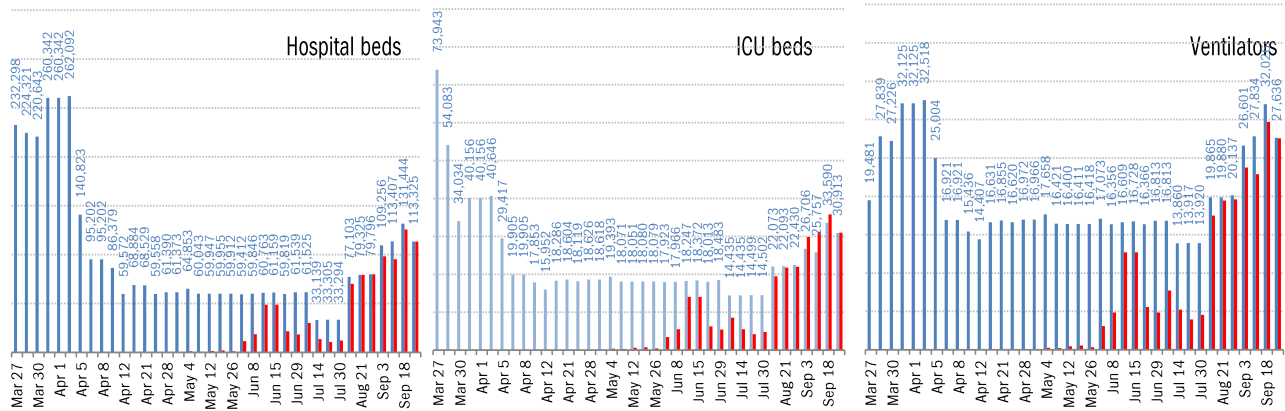
Actual versus first, highest, lowest and latest model mean predictions



For this day, versus all model mean predictions

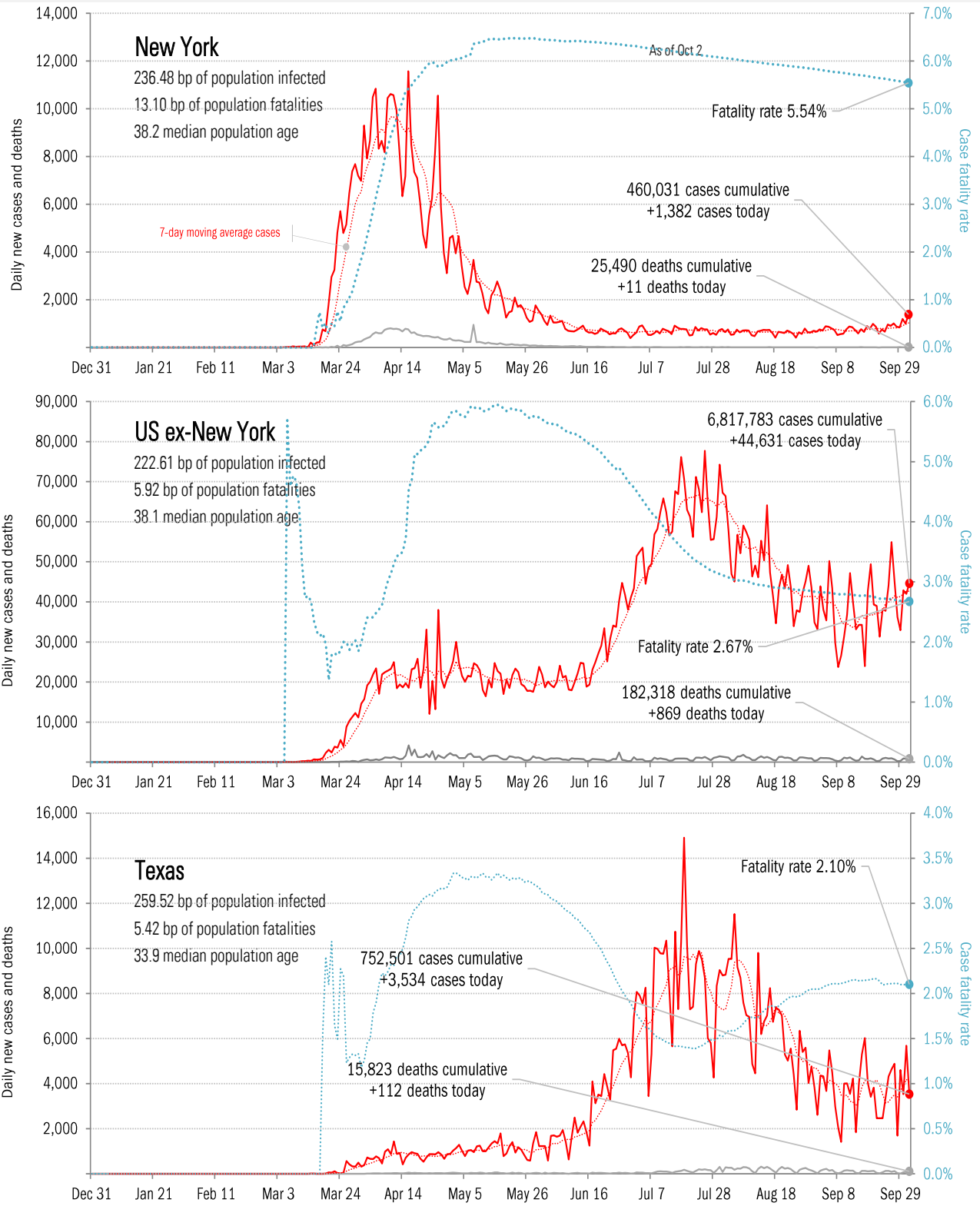


Healthcare system stress, **peak** and **ultimate** estimated at each model revision



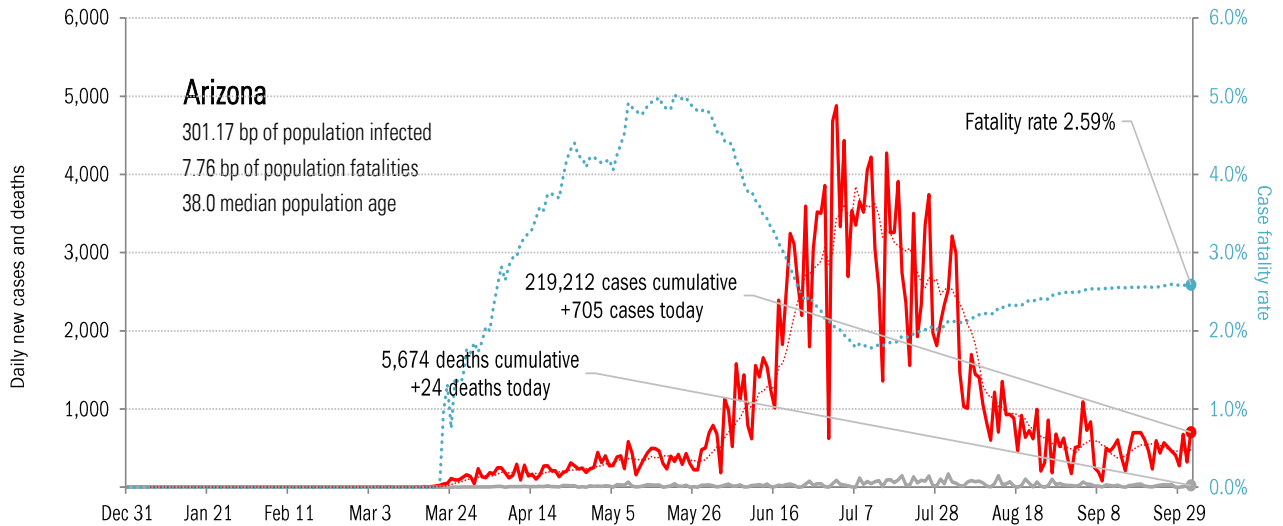
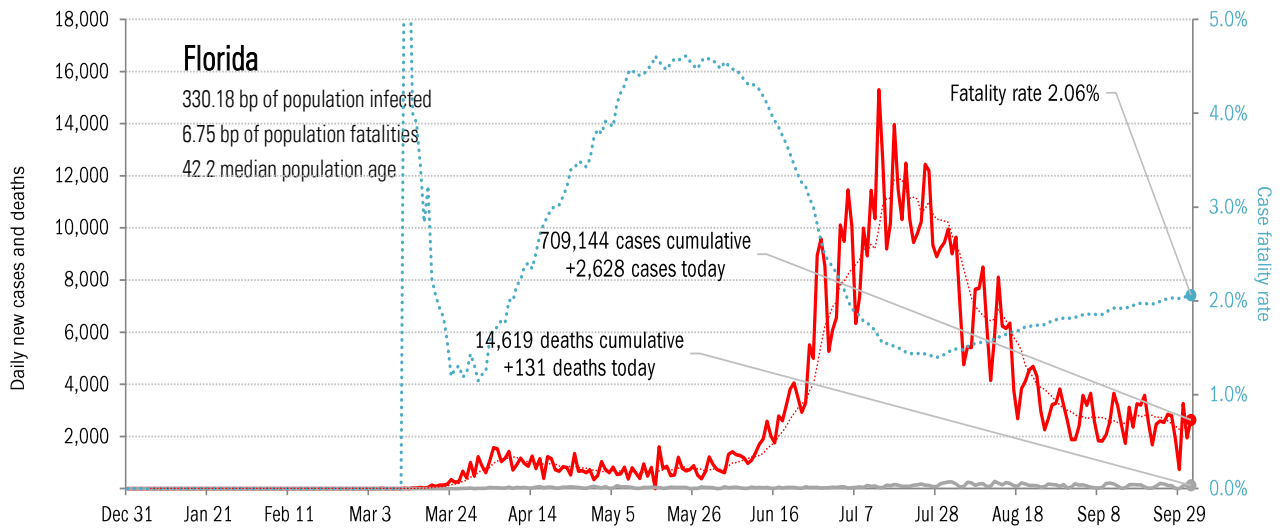
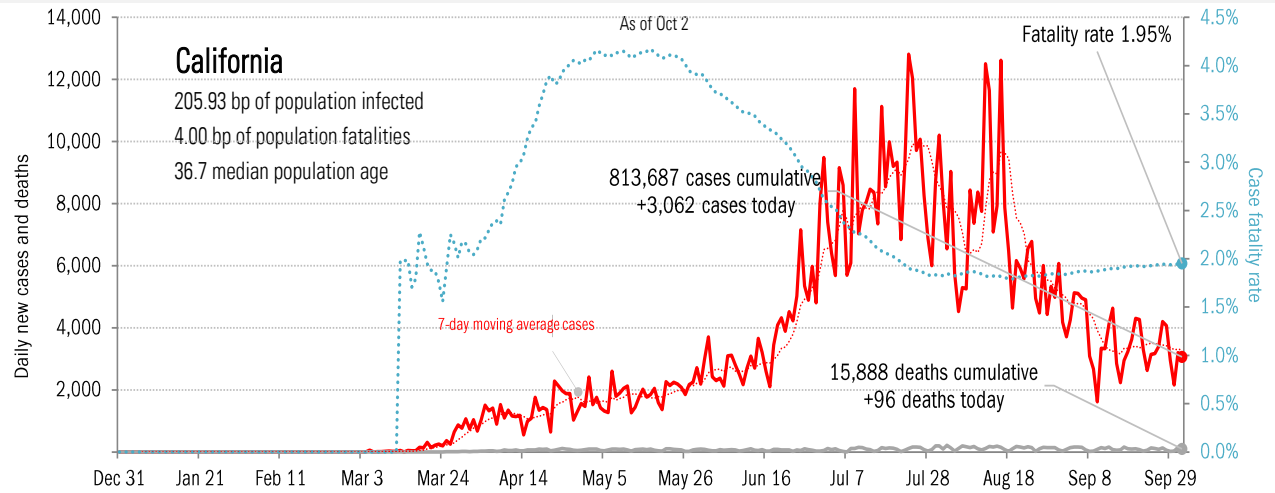
Source: [ECDC](#), [IHME](#), TrendMacro calculations

From Ground Zero to the Rio Grande



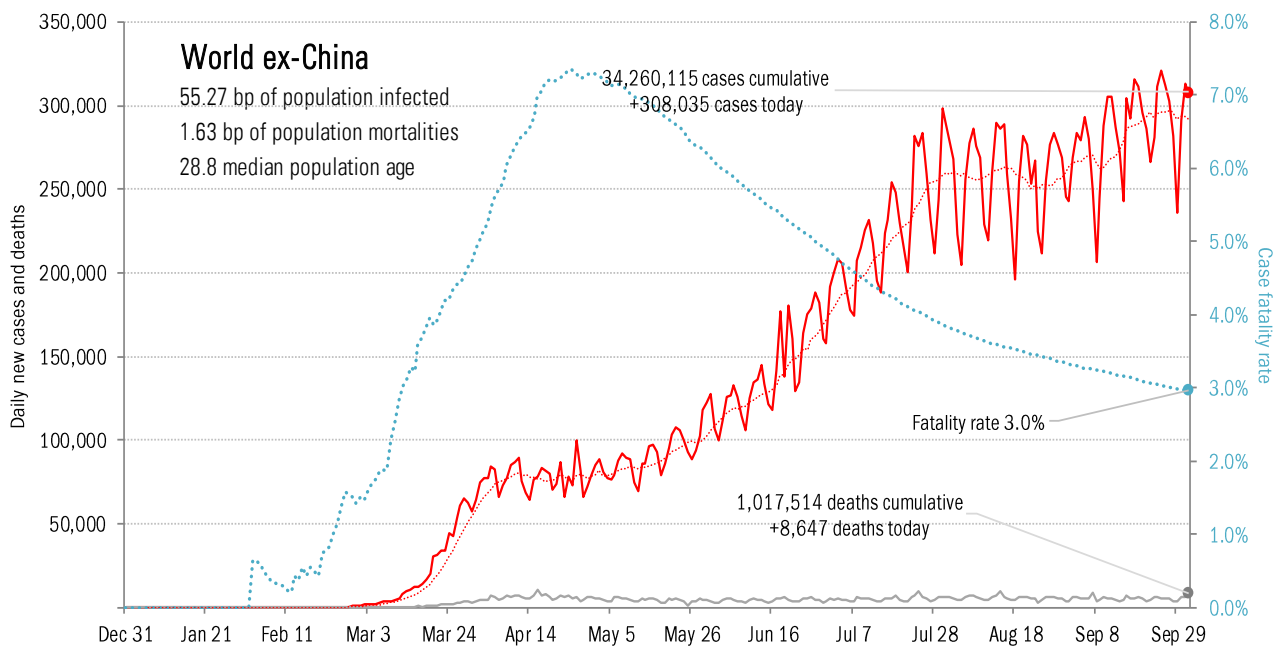
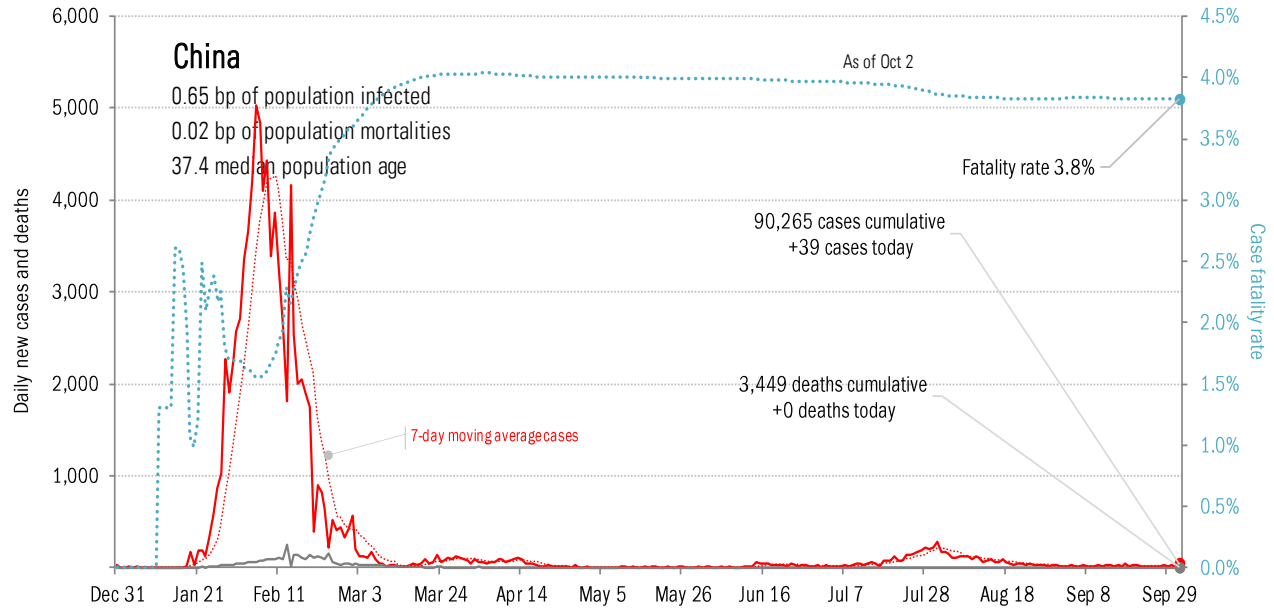
Source: [ECDC](#), TrendMacro calculations

The sun-belt hot-spot states (other than Texas)



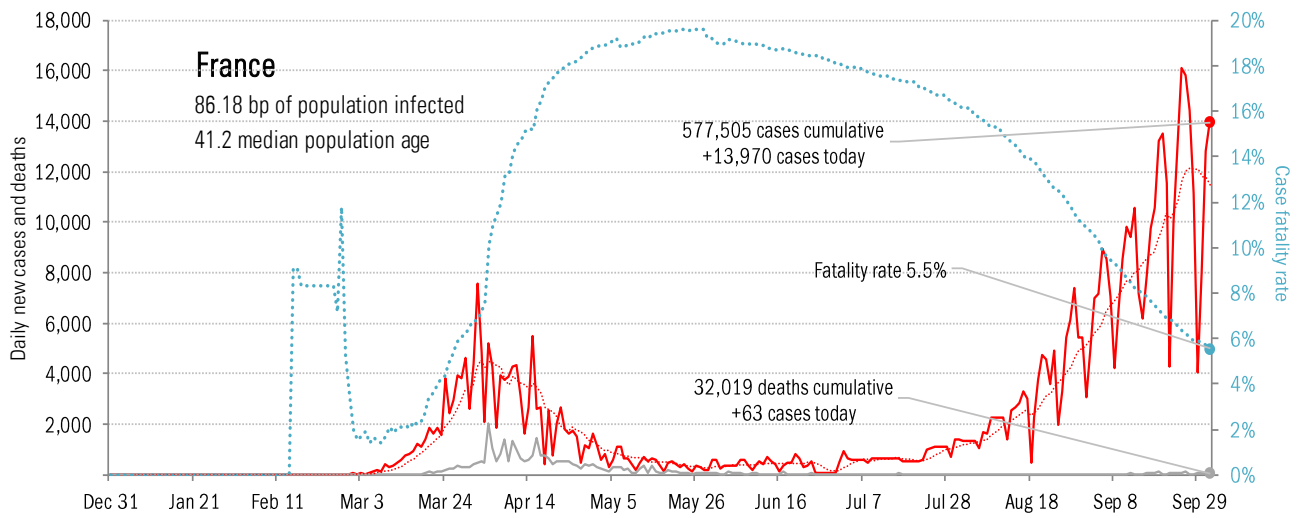
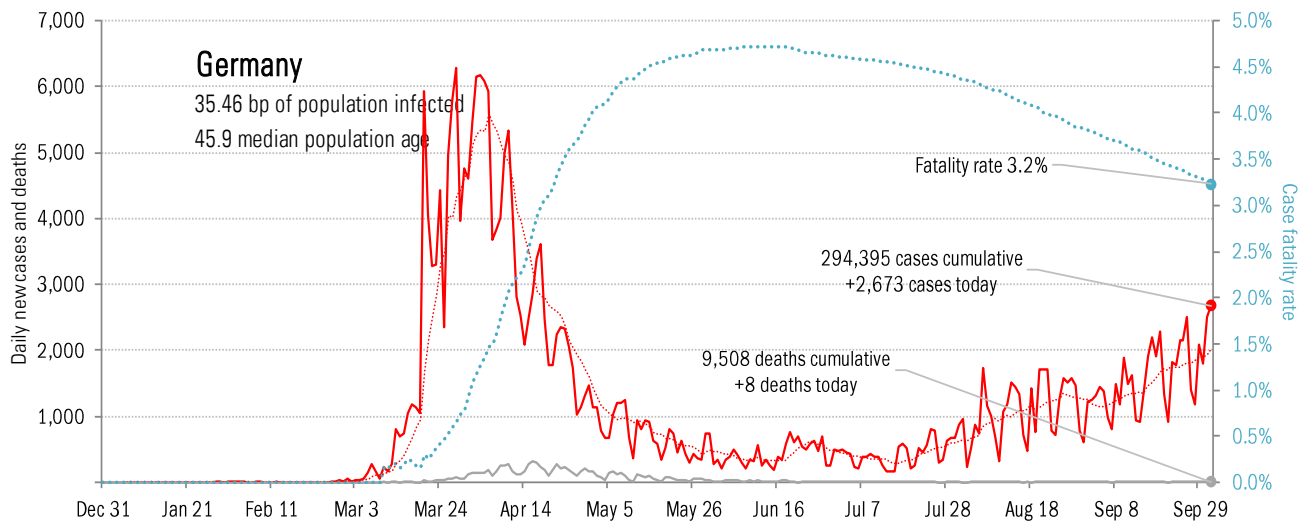
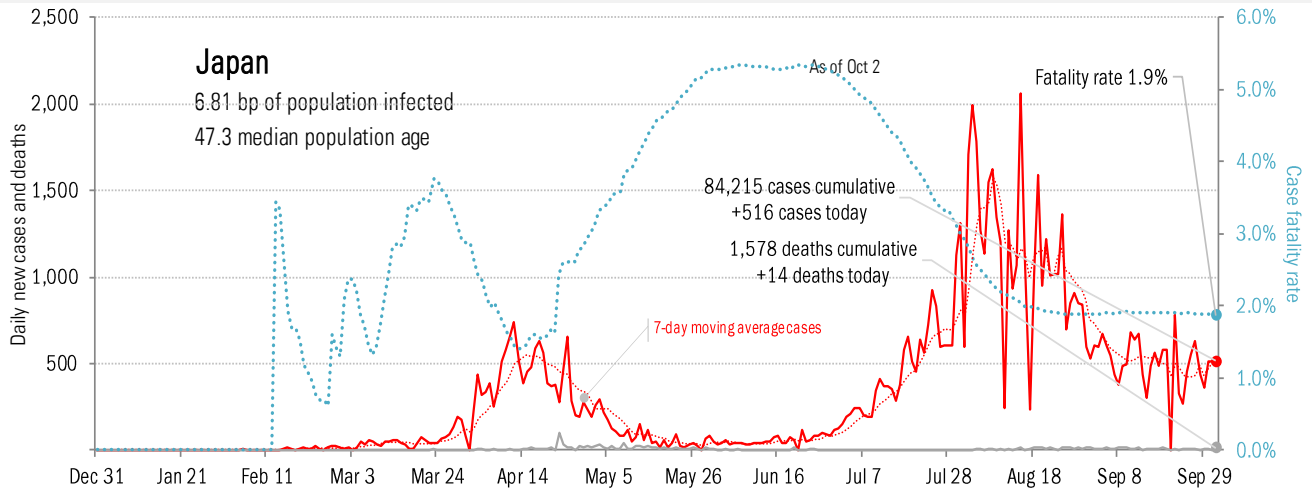
Source: [ECDC](#), TrendMacro calculations

Patient zero... and then everyone else



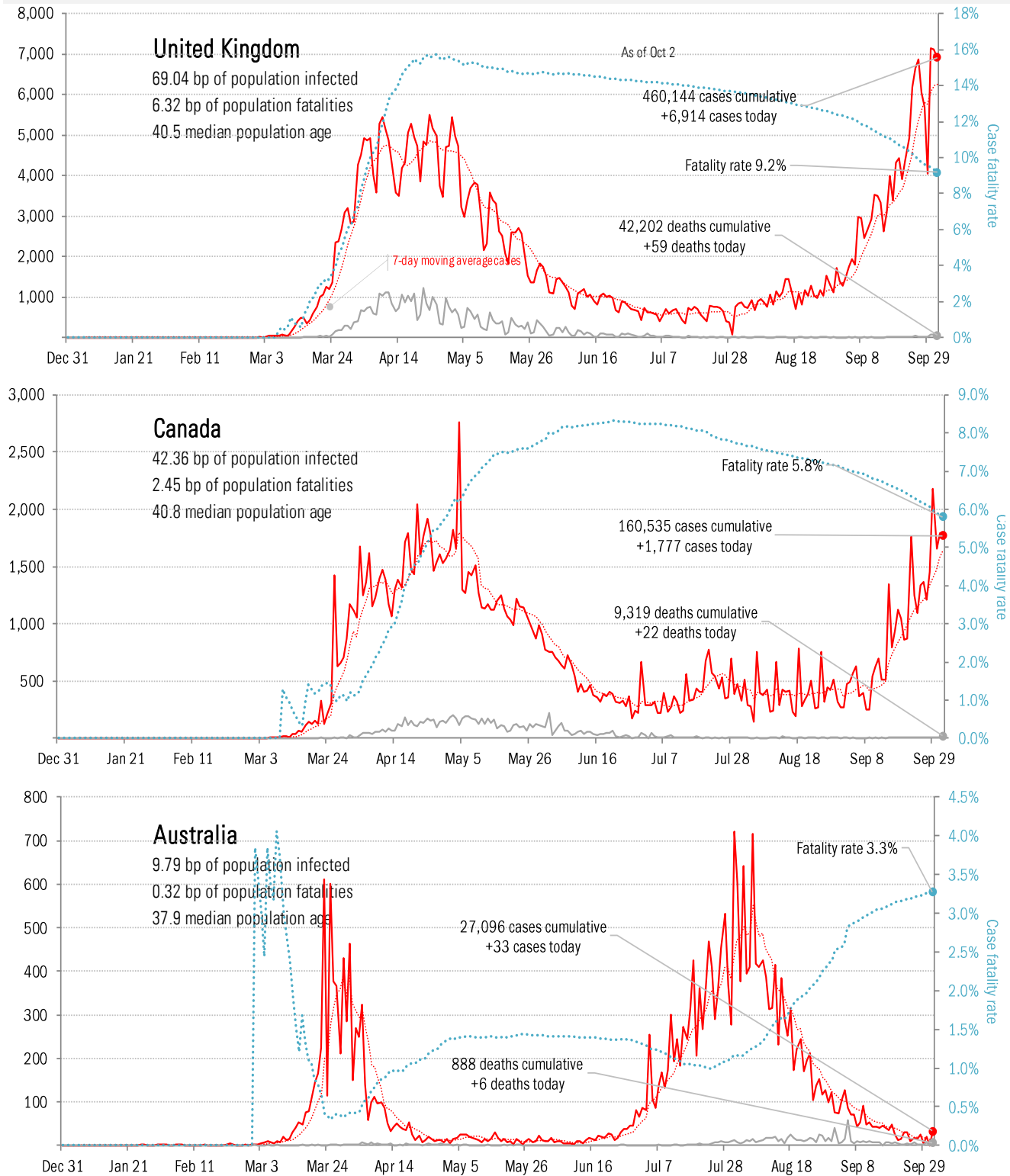
Source: [ECDC](#), TrendMacro calculations

Impact in the largest economies



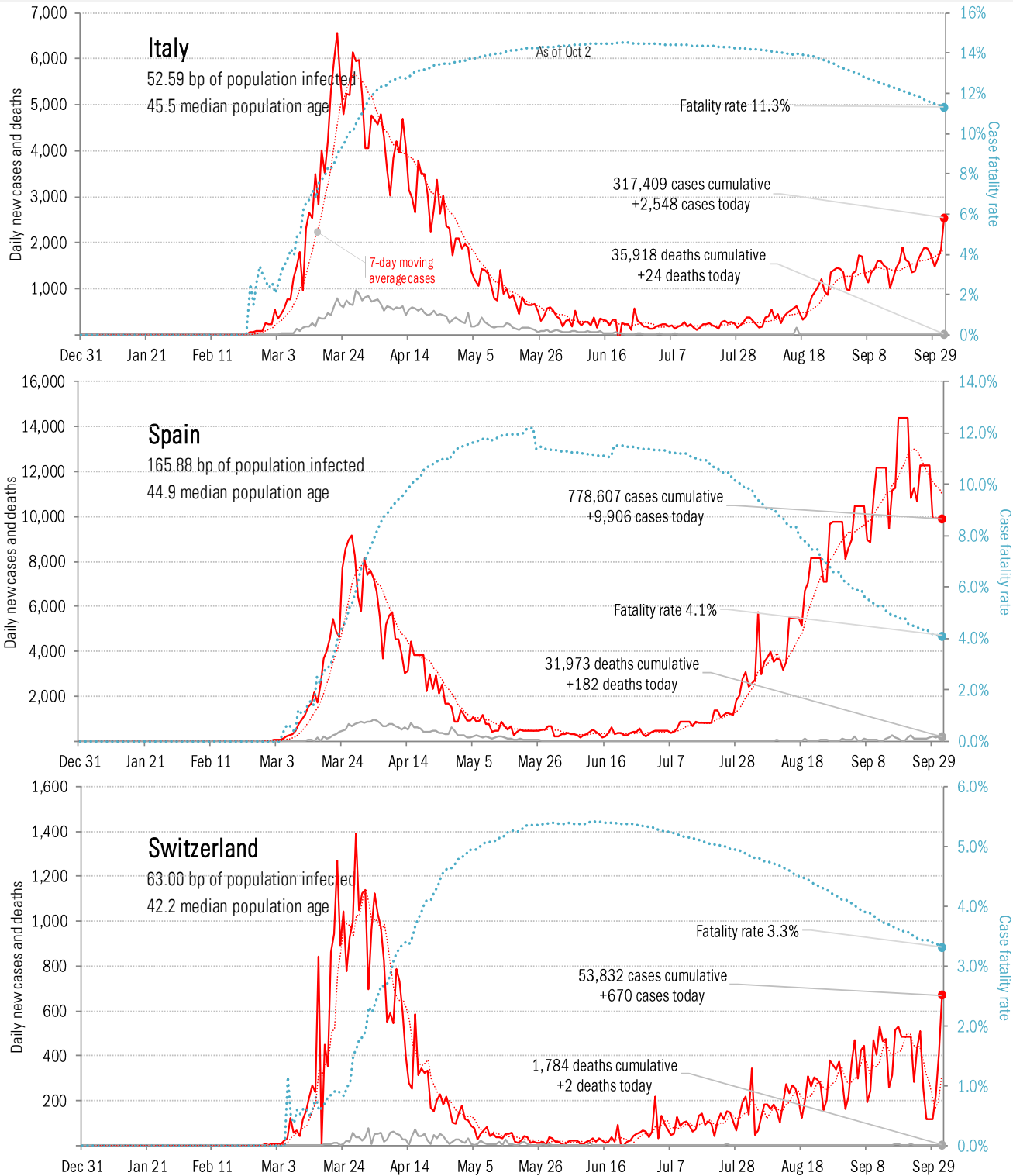
Source: [ECDC](#), TrendMacro calculations

Impact in The Anglosphere



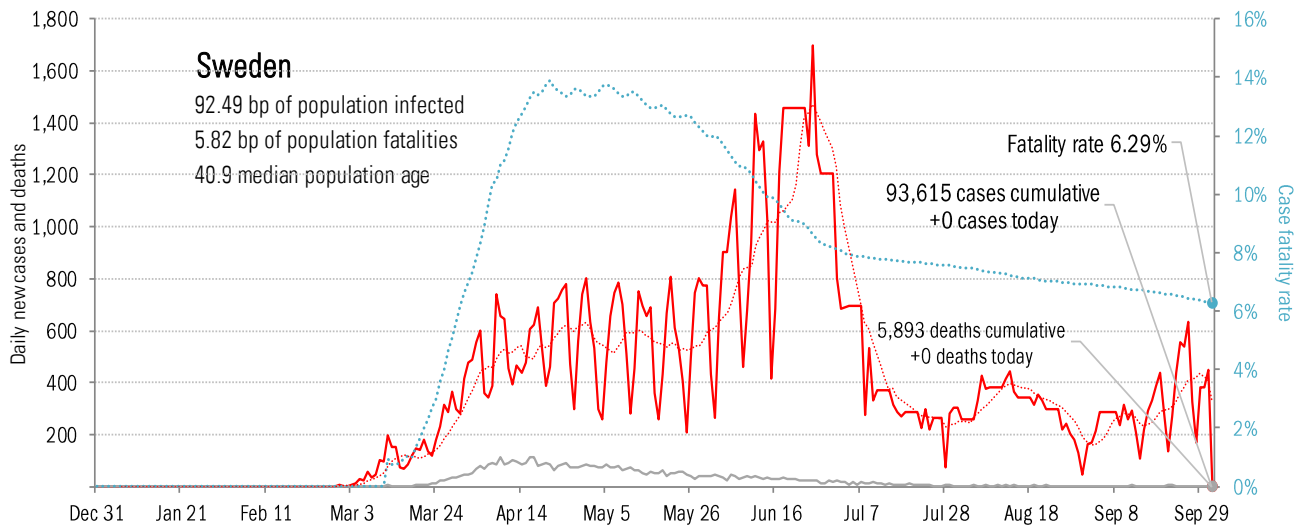
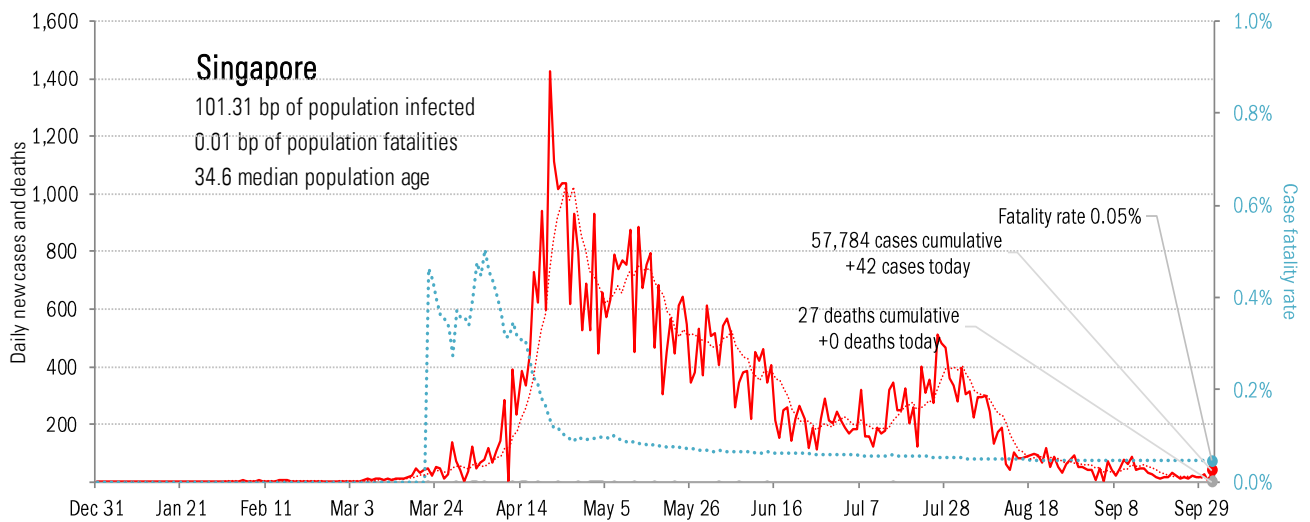
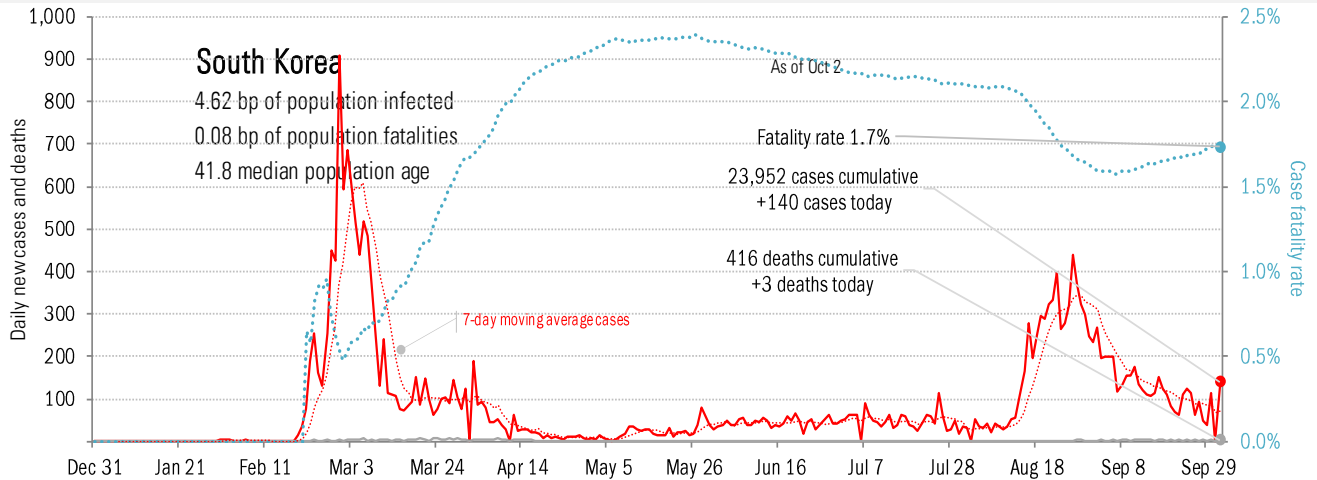
Source: [ECDC](#), TrendMacro calculations

Impact in continental Europe



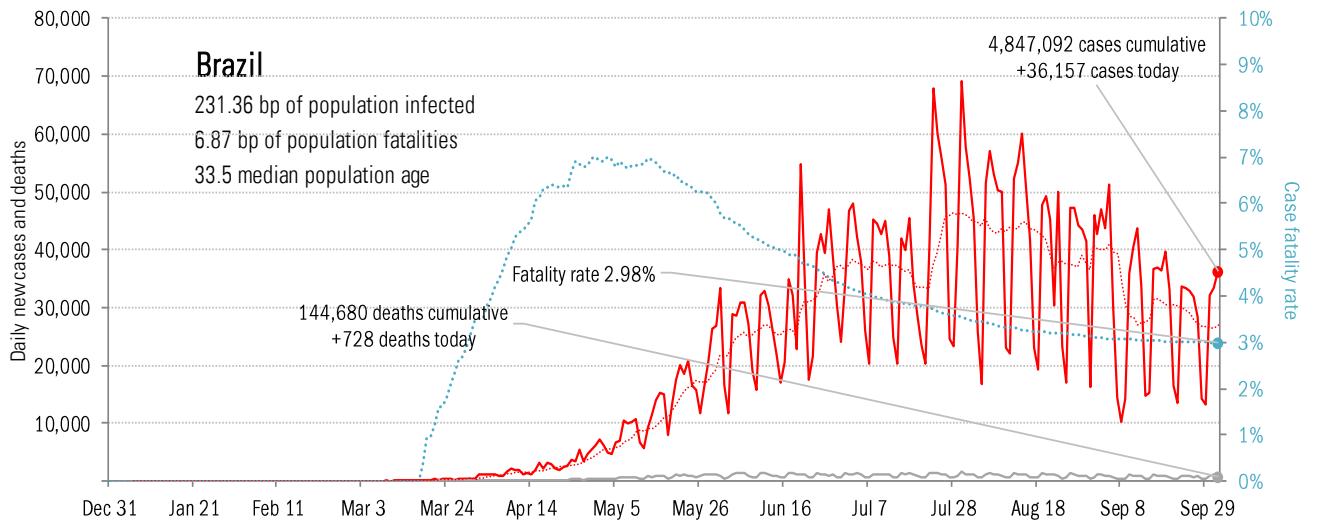
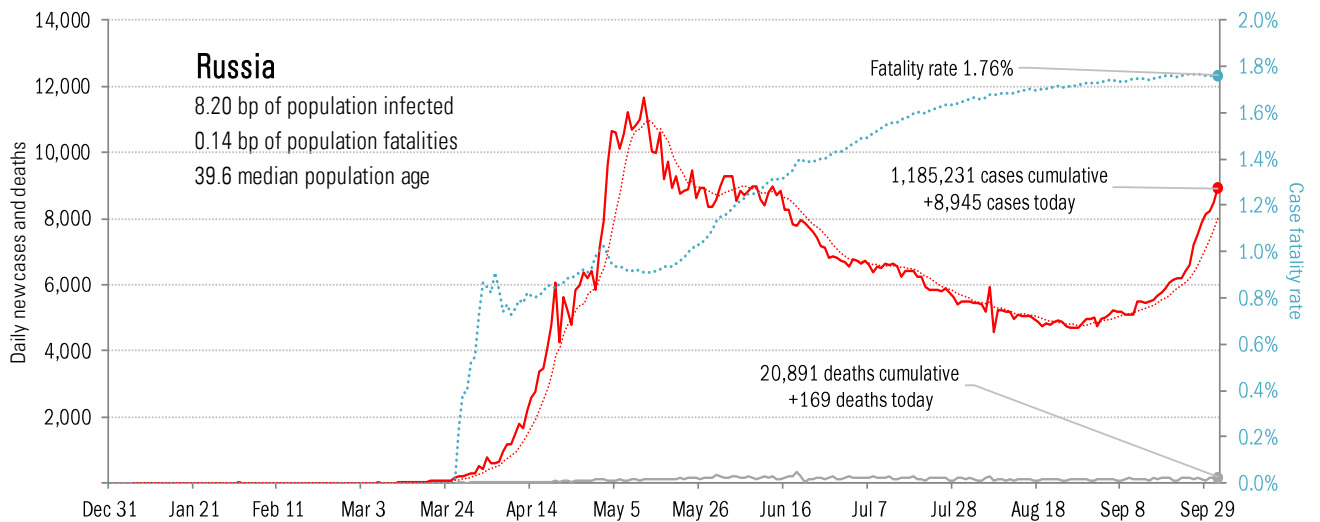
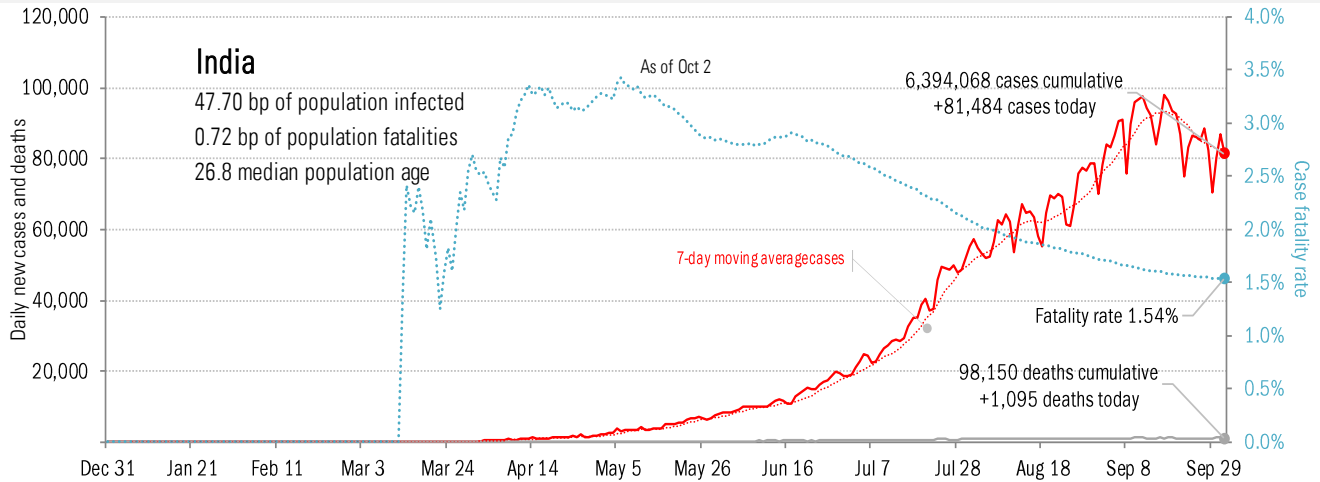
Source: [ECDC](#), TrendMacro calculations

Impact in other hot-spots



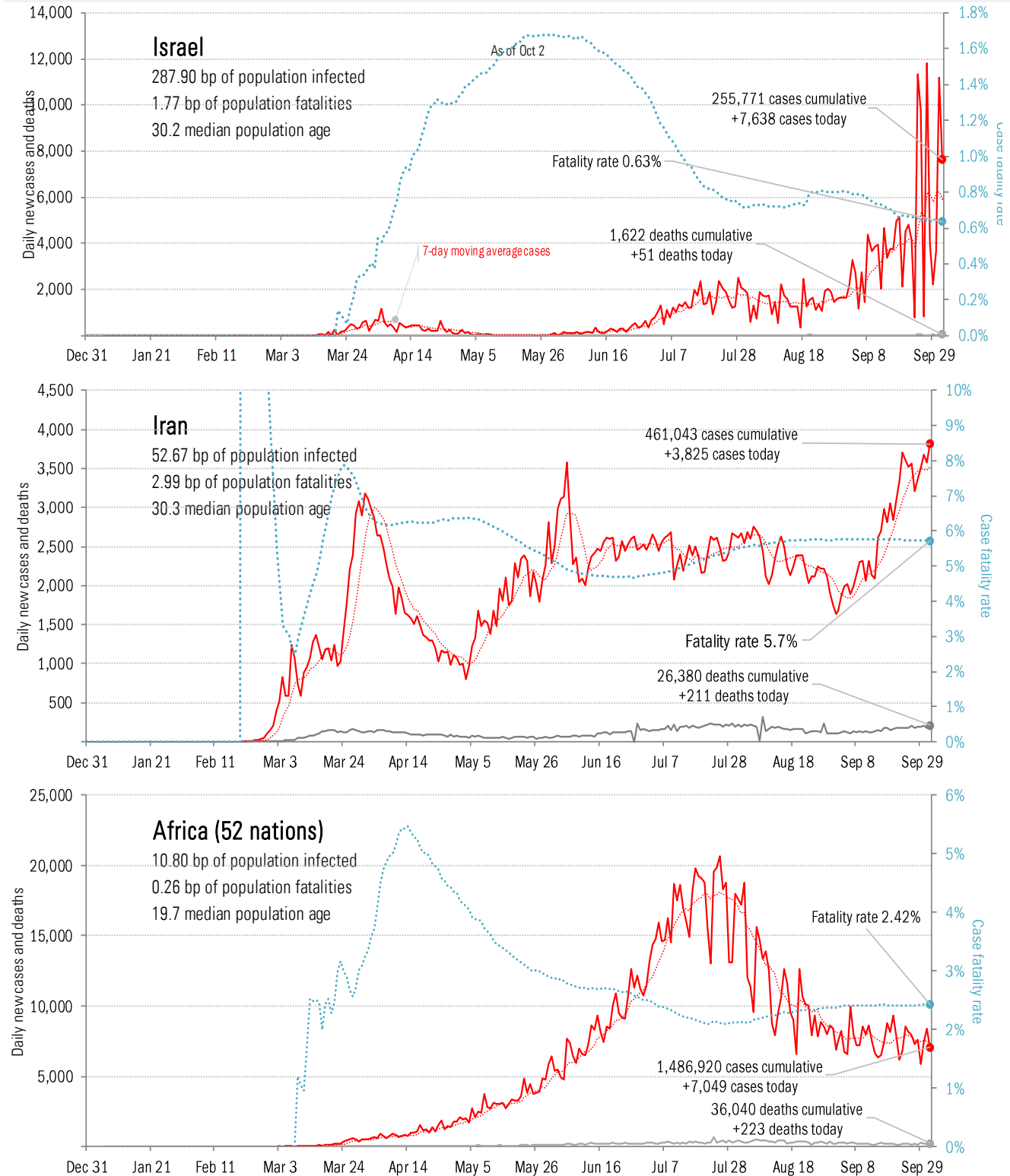
Source: [ECDC](#), TrendMacro calculations

Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations

Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations